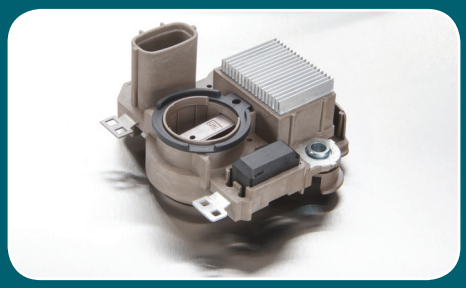
HC CAR GO

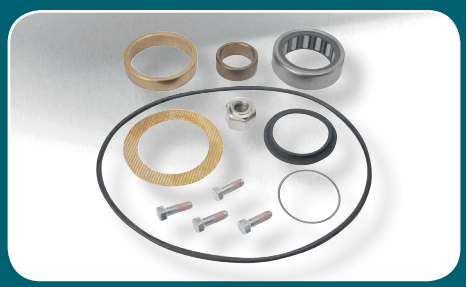
ALTERNATOR & GENERATOR COMPONENTS

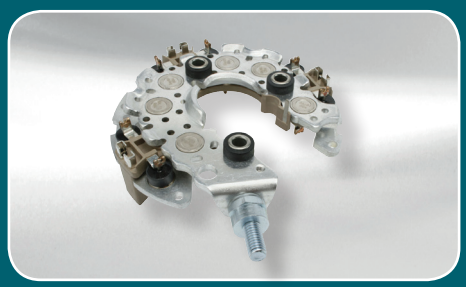


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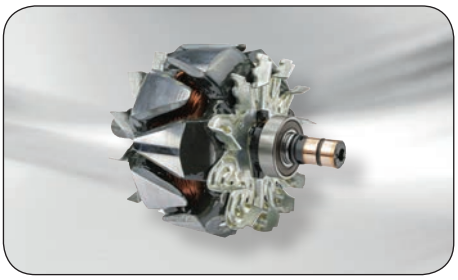
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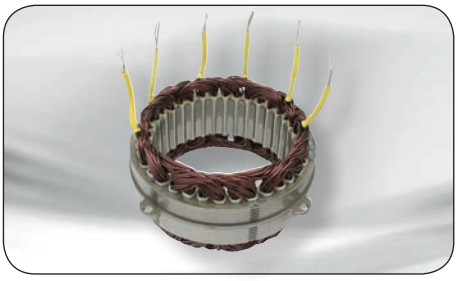
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ALTERNATOR & GENERATOR COMPONENTS







Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

High Quality Spare Parts for Alternators/Generators – All you need

With our broad and comprehensive range of spare parts for alternators contained within this catalogue, we cover a very wide range of vehicles in the market. Whether for passenger cars, commercial vehicles, agricultural machinery, marine or other off-highway applications you will find the right product at HC-CARGO.

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The catalogue also includes a complete cross reference list.

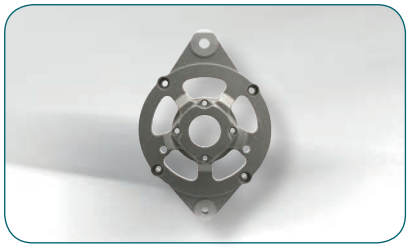
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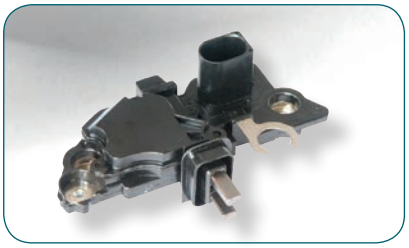


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High Quality Alternatives in HC-CARGO

We offer a high quality guarantee with thorough testing carried out by our quality assurance department. Our engineers test the parts in terms of interaction, perfect fit and easy installation before the products are approved and released for sale. This procedure ensures that we keep the promised high quality.

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REPLACEMENT FOR	PAGE
BOSCH ALTERNATOR PARTS	
Bearings	122
Brackets	38
Brush Boxes	98
Covers	73
Fans & Pulleys	125
Rectifiers	102
Regulators	80
Repair Kits	153
Rotors	10
Stators	28
Sundry Parts	155
Vacuum Pumps	152
BRIGGS & STRATTON ALTERNATOR PARTS	
Rectifiers	163
Regulators/Rectifiers	163
BUTEC ALTERNATOR PARTS	
Brush Boxes	164
Rectifiers	165
Regulators	164
Rotors	164
Stators	164
Sundry Parts	165
CAV ALTERNATOR PARTS	
Bearings	169
Brackets	167
Brush Boxes	168
Covers	167
Fans & Pulleys	170
Rectifiers	169
Regulators	167
Repair Kits	170
Rotors	166
Stators	166
Sundry Parts	171
CHRYSLER ALTERNATOR PARTS	
Bearings	172
Brush Boxes	172
Fans & Pulleys	173
Rectifiers	172
Regulators	172
Rotors	172
Sundry Parts	173

REPLACEMENT FOR	PAGE
DELCO REMY ➥ REMY (DELCO)	
DELPHI ALTERNATOR PARTS	
Fans & Pulleys	174
Regulators	174
DENSO ALTERNATOR PARTS	
Bearings	213
Brackets	193
Brush Boxes	205
Covers	194
Fans & Pulleys	214
Rectifiers	207
Regulators	197
Rotors	179
Stators	180
Sundry Parts	232
Vacuum Pumps	226
DIVERSE ALTERNATOR PARTS	
Fans & Pulleys	234
Regulators/Rectifiers	234
DUCELLIER ALTERNATOR PARTS	
Brackets	236
Brush Boxes	237
Covers	236
Fans & Pulleys	238
Rectifiers	238
Regulators	236
Rotors	235
Stators	235
Sundry Parts	238
ELMOT ALTERNATOR PARTS	
Brush Boxes	239
Fans & Pulleys	240
Rectifiers	239
Regulators	239
Stators	239
Sundry Parts	240
FEMSA ALTERNATOR PARTS	
Brush Boxes	241
Rectifiers	242
Regulators	241
Stators	241

O.E.M. names and numbers are used for reference purposes only.

REPLACEMENT FOR	PAGE

FORD EU ➥ FORD

FORD US ➥ FORD

FORD ALTERNATOR PARTS

- Bearings 254
- Brackets 245
- Brush Boxes 251
- Covers 247
- Fans & Pulleys 258
- Rectifiers 252
- Regulators 248
- Rotors 244
- Stators 244
- Sundry Parts 259

HITACHI ALTERNATOR PARTS

- Bearings 290
- Brackets 273
- Brush Boxes 281
- Covers 274
- Fans & Pulleys 291
- Rectifiers 283
- Regulators 274
- Repair Kits 298
- Rotors 264
- Stators 266
- Sundry Parts 301
- Vacuum Pumps 297

ISKRA ALTERNATOR PARTS

- Bearings 311
- Brackets 305
- Brush Boxes 308
- Covers 306
- Fans & Pulleys 311
- Rectifiers 309
- Regulators 308
- Rotors 303
- Stators 304
- Sundry Parts 311

LADA ALTERNATOR PARTS

- Brackets 312
- Covers 312
- Fans & Pulleys 313
- Rectifiers 313

REPLACEMENT FOR	PAGE

LADA ALTERNATOR PARTS

- Regulators 313
- Rotors 312
- Stators 312
- Sundry Parts 313

LETRIKA ➥ ISKRA

LEECE-NEVILLE ALTERNATOR PARTS

- Bearings 315
- Brackets 314
- Brush Boxes 314
- Fans & Pulleys 315
- Rectifiers 315
- Regulators 314
- Rotors 314
- Stators 314
- Sundry Parts 316

LUCAS ALTERNATOR PARTS

- Bearings 348
- Brackets 323
- Brush Boxes 336
- Covers 328
- Fans & Pulleys 349
- Rectifiers 340
- Regulators 334
- Repair Kits 353
- Rotors 319
- Stators 320
- Sundry Parts 355
- Vacuum Pumps 352

MAGNETI MARELLI ALTERNATOR PARTS

- Bearings 381
- Brackets 369
- Brush Boxes 376
- Covers 370
- Fans & Pulleys 381
- Rectifiers 377
- Regulators 376
- Rotors 357
- Stators 359
- Sundry Parts 385

O.E.M. names and numbers are used for reference purposes only.

REPLACEMENT FOR	PAGE

MAGNETON (PAL/SKODA) ALTERNATOR PARTS

Brackets 389
Brush Boxes 390
Covers 389
Fans & Pulleys 392
Rectifiers 391
Regulators 390
Rotors 388
Stators 388
Sundry Parts 393

MITSUBA ALTERNATOR PARTS

Sundry Parts .....

MITSUBISHI ALTERNATOR PARTS

Bearings 439
Brackets 412
Brush Boxes 424
Covers 412
Fans & Pulleys 441
Rectifiers 430
Regulators 413
Rotors 399
Stators 399
Sundry Parts 457
Vacuum Pumps 451

MOTOROLA ALTERNATOR PARTS

Brackets 459
Brush Boxes 462
Covers 459
Fans & Pulleys 464
Rectifiers 463
Regulators 460
Rotors 458
Stators 459
Sundry Parts 465

MOTOROLA USA ALTERNATOR PARTS

Bearings 471
Brackets 467
Brush Boxes 469
Fans & Pulleys 471
Rectifiers 469
Regulators 467
Rotors 466

REPLACEMENT FOR	PAGE

MOTOROLA USA ALTERNATOR PARTS

Stators 466
Sundry Parts 472

NIKKO ALTERNATOR PARTS

Bearings 475
Brush Boxes 474
Rectifiers 475
Regulators 473
Regulators/Rectifiers 474
Rotors 473
Stators 473

NIPPONDENSO ➥ DENSO

POONG SUNG ALTERNATOR PARTS

Bearings 477
Brackets 476
Brush Boxes 476
Fans & Pulleys 477
Rectifiers 477
Regulators 476
Rotors 476
Sundry Parts 478
Vacuum Pumps 477

PRESTOLITE ALTERNATOR PARTS

Bearings 481
Brackets 479
Brush Boxes 480
Fans & Pulleys 481
Rectifiers 480
Regulators 479
Rotors 479
Stators 479
Sundry Parts 482

REMY (DELCO) ALTERNATOR PARTS

Bearings 508
Brackets 492
Brush Boxes 499
Covers 493
Fans & Pulleys 510
Rectifiers 502
Regulators 494
Repair Kits 516

O.E.M. names and numbers are used for reference purposes only.

REPLACEMENT FOR	PAGE
REMY (DELCO) ALTERNATOR PARTS	
Rotors	483
Stators	486
Sundry Parts	520
ROMANIA (E/P) ALTERNATOR PARTS	
Brush Boxes	523
SAWAFUJI ALTERNATOR PARTS	
Bearings	525
Brackets	524
Brush Boxes	524
Regulators	524
Rotors	524
SEV ALTERNATOR PARTS	
Brackets	526
Brush Boxes	528
Covers	527
Rectifiers	528
Regulators	527
Rotors	526
Stators	526
Sundry Parts	529
TECUMSEH ALTERNATOR PARTS	
Regulators/Rectifiers	530
VALEO KOR. ➥ VALEO	
VALEO ALTERNATOR PARTS	
Bearings	587
Brackets	556
Brush Boxes	576
Covers	557
Fans & Pulleys	588
Rectifiers	577
Regulators	566
Repair Kits	601
Rotors	531
Stators	541
Sundry Parts	605
Vacuum Pumps	601
WAPSA ALTERNATOR PARTS	
Regulators	607

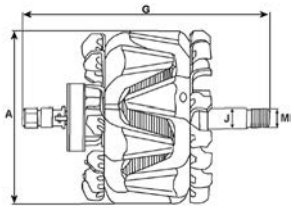
REPLACEMENT FOR	PAGE
DYNASTARTER PARTS	
Armatures	616
Bearings	617
Brush Sets	616
Regulators	616
GENERATOR PARTS	
Armatures	611
Bearings	614
Brush Sets	613
Bushings	614
C.E. Brackets	611
D.E. Brackets	612
Field Coils	611
Regulators	612
Sundry Parts	615
MISCELLANEOUS	
Brush Boxes	608
Fans & Pulleys	610
Rectifiers	610
Regulators	608
Regulators/Rectifiers	609
UNIVERSAL PARTS	
Diodes	618
Rectifiers	619
Regulators	618
Regulators/Rectifiers	618
Stators	618
Sundry Parts	627
SURVEY	629
ASSORTMENTS	671
CROSS REFFERENCE LIST	677
INDEX	741

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ABBREVIATIONS:

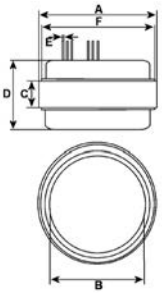
ACR=Anti-clockwise rotation, **AC**=Air condition, **A**=Ampere, **AT**=Automatic transmission, **BS**=Battery sense, **Cat**=Catalyzer, **CR**=Clockwise rotation, **Cyl.**=Cylunder, **D**=Insulated, **DD**=Direct drive, **DF**=DF plug, **Dia.**=Diameter, **Dim.**=Dimension, **Dist.**=Distance, **EF**=External fan, **Eng.**=Engine, **Eur.**=European application, **FW**=Free wheel pulley, **GR**=Gear reduction, **HD**=Heavy duty, **HP**=Horsepower, **ID**=Inner diameter, **IF**=Internal fan, **IR**=Internal regulator, **K**=Test lamp, **kW**=Kilowatt, **LHD**=Left hand drive, L**RC**=Load responce control, **OD**=Outer diameter, **PS**=Power steering, **RHD**=Right hand drive, **V**=Volt, **VP**=Vacuum pump, **w/**=with, **w/o**=without, **W**= RPM connection, **15**=Connection for the auxiliary start, **30h**=W/ additional terminal 30h, **3(2)**=Number of fixing holes - Number inbrackets represent threaded holes, **( )**=Vehicle type, **[ ]**=Engine type

For rotors specific:



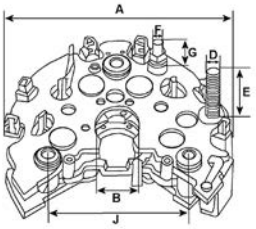
A = OD
G = Total length
J = Shaft dimeter
M = Thread size

For stators specific:

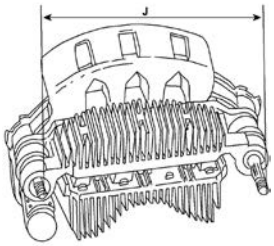


A = OD
B = ID
C = Height
F = OD 2

For rectifiers specific:

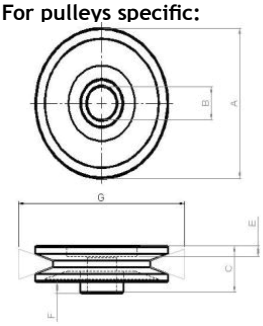


A = OD
B = ID
D = B+ thread
E = B+
F = D+ thread
G = D+
J = Mounting distance

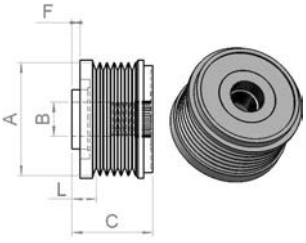


J = Mounting distance

For pulleys specific:



A = OD
B = Bore diameter
C = Width
E = Depth
F = Distance/back



A = OD
B = Bore diameter
C = Width
F = Distance/back
L = Measurement first groove

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TERMINAL CHART	Field / Rotor	Ground	Charging Lamp	Ignition	Point Central	Tacho / Stator	CPU Control	Battery Sense	Battery	Dummy
BOSCH	DF/F1/F2	B-/D-	D+/61/L/61E	15		W	COM/DF DFM/FR LI/RC LIN	S	B+	
BUTEC	F	-	D+						B+	
CHRYSLER	F1/F2/FLD	GRD							B+	
DELPHI			L				DFM		B+	
DENSO	F/F1/F2	E-	L	IG/R	N	P	FR/C/M	S	B/A	D
DUCELLIER	EXC	-/B-	D+	+		W			B+	
ELMOT	67	31	15			W			B+	
FORD (VISTEON)	DF/F/FLD	D-/-VE	D+/IND/I			W/STA/S			B+/Bat	
HITACHI	F	E	L	IG/R	N	P	FR/G	S	B/A	D
ISKRA	DF	D-	D+			W			B+	
LADA	67	31	15						B+/30	
LUCAS	F	-	D+			STA/W		S	B+	
PAL/MAGNETON	M	-	R						B+	
MANDO (VALEO)	F	E	L/I	IG/R	N	P		S	B/A	D
MARELLI	67	31	15		C	W	FR/SIG LI/STD PHIN/RC		B+/30	
MITSUBISHI	F	E	L	IG/R	N	P	FR/G/D	S	B/A	D
MOTOROLA	EXC	-/B-	D+			W			B+	
PARIS RHONE	EXC	-/B-	L			W			B+	
REMY (DELCO)	F	GRD	D+/L/1	I/IG		P/R/W	F	M/S/2	B+	
SEV MARCHAL	DF	-/B-	61+			W			B+	
VALEO	EXC	-	L/D+/61E	15/+		W	COM/FR DF/DFM LIN		B+'	

Care is taken to ensure the accuracy of descriptions and applications of each item,
but HC CAR GO assumes no responsibility for possible errors.
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Rotors

14 Volt



130083[#] Rotor

Replacing: 1124034788, 1124034786, 1124034608, 1124034606, 1124034219, 1124034214, 1124034199, 1124034138

Servicing: 0120400757, 0120400856, 0120400857, 0120400913, 0120489045, 0120489046, 0120489500, 0120489501, 0120489502, 0120489512

14 **V**, 45 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 144.50



130085 Rotor

Replacing: 1124034762, 1124034755, 1124034675, 1124034570, 1124034567, 1124034557, 1124034262, 1124034139

Servicing: 0120400722, 0120400723, 0120400742, 0120400743, 0120400746, 0120400747, 0120400782, 0120400783, 0120400833, 0120400834

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 153.00



131637[#] Rotor

Replacing: 1124034806, 1124034628, 1124034264, 1124034201, 1124034144, 1124034101

Servicing: 0120400838, 0120400839, 0120400902, 0120400903, 0120400906, 0120489047, 0120489049, 0120489088, 0120489103, 0120489114

14 **V**, 45 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 151.00, **Rotation** CR



131639[#] Rotor

Replacing: 1124034811, 1124034633, 1124034265, 1124034205, 1124034100

Servicing: 0120400808, 0120400809, 0120400872, 0120400873, 0120489001, 0120489048, 0120489050, 0120489051, 0120489052, 0120489054

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 151.00, **Rotation** CR



131640 Rotor

Replacing: 1124034716, 1124034389, 1124034378, 1124034025, 1124034012, 1124034007

Servicing: 0120400522, 0120400524, 0120400568, 0120400637, 0120400639, 0120400645, 0120400700, 0120400728, 0120400729, 0120400736

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 140.00



131849 Rotor

Replacing: 1124035183, 1124035073, 1124035042, 1124035014

Servicing: 0120469500, 0120469501, 0120469503, 0120469504, 0120469505, 0120469510, 0120469511, 0120469524, 0120469525, 0120469528

14 **V**, 90 **Amp**, **Thread size** M14-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 160.50, **Rotation** CR



131938 Rotor

Replacing: 1124034764, 1124034573, 1124034302, 1124034243, 1124034159

Servicing: 0120488114, 0120489061, 0120489065, 0120489066, 0120489069, 0120489070, 0120489135, 0120489140, 0120489141, 0120489146

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



131946[#] Rotor

Replacing: 1124035175, 1124035069, 1124035038, 1124035003, 1124035000

Servicing: 0120450004, 0120469500, 0120469501, 0120469502, 0120469503, 0120469504, 0120469505, 0120469528, 0120469533, 0120469535

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 161.00, **Rotation** CR



131947 Rotor

Replacing: 1124035254, 1124035233, 1124035230, 1124035179, 1124035163, 1124035162, 1124035161, 1124035160

Servicing: 0120400722, 0120400838, 0120400839, 0120400840, 0120469002, 0120469003, 0120469009, 0120469011, 0120469012, 0120469016

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 156.00, **Rotation** CR

All measurements are in mm, unless else stated.
[#]Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



131948 Rotor

Replacing: 1124034782, 1124034691, 1124034639, 1124034638, 1124034621, 1124034600, 1124034506, 1124034366

Servicing: 0120400944, 0120400945, 0120484029, 0120488100, 0120488101, 0120488102, 0120488103, 0120488118, 0120488119, 0120488126

14 **V**, 65 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 151.00, **Rotation** CR



131949 Rotor

Replacing: 9121144039, 9121144034, 9121144026, 1124034805, 1124034694, 1124034664, 1124034626, 1124034367

Servicing: 0120400806, 0120400807, 0120400808, 0120400809, 0120400810, 0120400866, 0120400869, 0120400900, 0120400901, 0120400902

14 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 151.00, **Rotation** CR



131956 Rotor

Replacing: 1124034810, 1124034808, 1124034774, 1124034772, 1124034686, 1124034665, 1124034632, 1124034630

Servicing: 0120400722, 0120400723, 0120400743, 0120400747, 0120400771, 0120400772, 0120400782, 0120400783, 0120400806, 0120400807

14 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 151.00, **Rotation** CR



131957 Rotor

Replacing: 1124034668, 1124034667, 1124034649, 1124034589, 1124034362, 1124034354, 1124034341, 1124034330

Servicing: 0120488124, 0120488134, 0120488140, 0120488141, 0120488144, 0120488145, 0120488151, 0120488166, 0120488167, 0120488183

14 **V**, 65 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 153.90, **Rotation** CR



131958 Rotor

Replacing: 1124034758, 1124034714, 1124034561, 1124034387, 1124034384, 1124034155, 1124034123

Servicing: 0120400920, 0120488022, 0120489022, 0120489703, 0120489704, 0120489710, 0120489725, 0120489757, 0120489901, 0120489902

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 154.00



132338 Rotor

Replacing: 9121334096, 9121334095, 1124033044, 1124033043, 1124033022, 1124033008

Servicing: A108, 0120300550, 0120300551, 0120300568, 0120300569, 0120300591, 0120300592, 0120339515, 0120339516, 0120339523

12 **V**, 33 **Amp**, **Thread size** M14-1.50, **OD** 73.00, **Shaft dia.** 17.00, **Total length** 155.00, **Rotation** CR



132340 Rotor

Replacing: 9124334089, 9121334099, 9121334098, 9121334092, 9121334089, 9121334086, 1124033050, 1124033047

Servicing: 0120300518, 0120300519, 0120300522, 0120300523, 0120300524, 0120300528, 0120300529, 0120300530, 0120300531, 0120300532

14 **V**, 33 **Amp**, **Thread size** M16-1.50, **OD** 73.40, **Shaft dia.** 17.00, **Total length** 147.00, **Rotation** CR



132350# Rotor

Replacing: 1124034697, 1124034696, 1124034669, 1124034625, 1124034624, 1124034369, 1124034245, 1124034218

Servicing: 0120489012, 0120489013, 0120489014, 0120489015, 0120489019, 0120489062, 0120489132, 0120489133, 0120489198, 0120489199

14 **V**, 45 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 152.00, **Rotation** CR



132850 Rotor

Replacing: 9122334029, 9122334028, 9122334024, 9121334028, 9121144038, 9121144029, 9121144019, 9121144018

Servicing: 0120488000, 0120488001, 0120488002, 0120488003, 0120488004, 0120488005, 0120488006, 0120488007, 0120488008, 0120488009

14 **V**, 65 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 200.50, **Rotation** CR, **Splines** 18

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Available while stock last, * Program development.



134046 Rotor

Replacing: 1124034636, 1124034308

Servicing: 0120489323, 0120489324, 0120489354, 0120489355

14 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 148.50, **Rotation** CR



134097 Rotor

Replacing: 1124034635, 1124034311

Servicing: 0120489232, 0120489233, 0120489300, 0120489301, 0120489302, 0120489331, 0120489332, 0120489333

14 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 148.50, **Rotation** CR

Shaft: HC-CARGO 133910.



134829 Rotor

Replacing: 1124034784, 1124034604, 1124034207, 1124034188

Servicing: 0120489818, 0120489819, 0120489915, 0120489916, 0120489990, 0120489991

14 **V**, 45 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 160.00



135087 Rotor

Replacing: 6033gc2022, 1124034646, 1124034313, 1124034248

Servicing: 0120488129, 0120488214, 0120488215, 0120489157, 0120489158, 0120489258, 0120489259, 0120489467, 0120489476, B120402382

14 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 145.50, **Rotation** CR



135872 Rotor

Replacing: 9121064043, 1124034653, 1124034650, 1124034347

Servicing: 0120484002, 0120484003, 0120484004, 0120484005, 0120484006, 0120484009, 0120484010, 0120484013, 0120484014, 0120484016

14 **V**, 85 **Amp**, **Thread size** M16-1.50, **OD** 93.40, **Shaft dia.** 17.00, **Total length** 154.00



136050 Rotor

Replacing: 1124034936, 1124034488, 1124034434, 1124034421

Servicing: 0120485034, 0120485043, 0120485044, 0120485045, 0120485046, 0123114005, 0123310001, 0123310002, 0123310003, 0123310007

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 154.00, **Rotation** CR



136286 Rotor

Replacing: 9122334022, 9122334021, 9121144037

Servicing: 6033gb4009, 6033GB4016, 9120144605, 9120144606, 9120144608, 9120144609, 9120144617, 9120144618, 9120334631, 9120334632

14 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 89.13, **Shaft dia.** 17.00, **Total length** 206.88, **Rotation** CR, **Splines** 18



136387 Rotor

Replacing: 1124035512, 1124035504, 1124035497, 1124035483, 1124035468, 1124035451, 1124035449, 1124035444

Servicing: 0120000016, 0120000036, 0120465003, 0120465004, 0120465013, 0120465014, 0120465015, 0120465016, 0120465017, 0120469523

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 103.20, **Shaft dia.** 17.00, **Total length** 160.25, **Rotation** CR



136466# Rotor

Replacing: 1124033140, 1124033135, 1124033134, 1124033125, 1124033119, 1124033117, 1124033114, 1124033110

Servicing: 0120335007, 0120335008, 0120335012, 0123110004, 0123110006, 0123110008, 0123110009, 0123115008, 0123115010, 0123115011

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 88.75, **Shaft dia.** 17.00, **Total length** 148.00, **Rotation** CR

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



136800 Rotor

Replacing: 1124035518, 1124035465, 1124035460, 1124035455, 1124035450, 1124035429

Servicing: 0123500007, 0123500008, 0123500009, 0123505002, 0123505003, 0123510003, 0123510052, 0123510089

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 152.50, **Rotation** CR



136819# Rotor

Replacing: 1124033133, 1124033123, 1124033103, 1124033102

Servicing: 0120335006, 0120335011

14 **V**, 50 **Amp**, **Thread size** M16-1.50, **OD** 88.70, **Shaft dia.** 17.00, **Total length** 141.75, **Rotation** CR



136828# Rotor

Replacing: 1124035520, 1124035519, 1124035456, 1124035434, 1124035414, 1124035407

Servicing: 0123505001, 0123505002, 0123505003, 0123505004, 0123510020, 0123510043, 0123510062, 0123510063, 0123510064, 0123510069

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 157.55, **Rotation** CR



136835 Rotor

Replacing: 1124034968, 1124034955, 1124034906, 1124034457, 1124034427

Servicing: 0120485025, 0120485026, 0123310004, 0123310026, 0123310028, 0123315500, 0123315502, 0123315503, 0123320004, 0123320010

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 93.00, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



136839 Rotor

Replacing: 1124034815, 1124034660

Servicing: 0120484017, 0120484019, 0120484021, 0120484027, 0120484051, 6033GB2009, B120402804, B120402819

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 154.00



136847# Rotor

Replacing: 1124034687, 1124034583, 1124034364, 1124034325, 1124034324, 1124034276

Servicing: 0120488111, 0120488112, 0120488139, 0120488140, 0120488141, 0120488142, 0120488143, 0120488146, 0120488147, 0120488148

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 88.95, **Shaft dia.** 17.00, **Total length** 153.95, **Rotation** CR



136853 Rotor

Replacing: 1124034642, 1124034257

Servicing: 0120488282, 0120489315, B120402794, B120427502

14 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 89.10, **Shaft dia.** 17.00, **Total length** 165.60



136972 Rotor

Replacing: 1124034727, 1124034711, 1124034502, 1124034227, 1124034048, 1124034022

Servicing: 0120400634, 0120400635, 0120400643, 0120400644, 0120400647, 0120400648, 0120400652, 0120400665, 0120400672, 0120400679

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 143.85



137067 Rotor

Replacing: 1124035231, 1124035209, 1124035208, 1124035199, 1124035198, 1124035118, 1124035117, 1124035107

Servicing: 0120468009, 0120468010, 0120468017, 0120468019, 0120468020, 0120468022, 0120468023, 0120468024, 0120468035, 0120468036

14 **V**, 110 **Amp**, **Thread size** M16-1.50, **OD** 103.40, **Shaft dia.** 17.00, **Total length** 160.95, **Rotation** CR

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Available while stock last, * Program development.



137236# Rotor

Replacing: 1124034940, 1124034499, 1124034497, 1124034450, 1124034415

Servicing: 0120400507, 0123310022, 0123310043, 0123310044, 0123310047

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 161.00, **Rotation** CR



137237 Rotor

Replacing: 1124035201, 1124035123

Servicing: 0120468061, 0120468062, 0120468063, 0120468064, 0120468075, 0120468076, 0120468077, 0120468078, 0120468102, 0120468103

14 **V**, 140 **Amp**, **Thread size** M16-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 164.00, **Rotation** CR



137239 Rotor

Replacing: 1124035239, 1124035217

Servicing: 0120468029, 0120468101, 0120468125, B120500423, B120500654, B120500995

14 **V**, 115 **Amp**, **Thread size** M16-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 254.00

Thread slip ring end: M10-1.50.



137241# Rotor

Replacing: 1124035526, 1124035454, 1124035433

Servicing: 0123212001

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 146.00, **Rotation** CR



137331 Rotor

Replacing: 1124034948, 1124034929, 1124034928, 1124034467, 1124034452

Servicing: 0123310026, 0123310028, 0123315501, 0123315506, 0123320010, 0123320020, 0123320022, 0123320023, 0123320029, 0123320035

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 93.00, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



137506 Rotor

Replacing: 1124034962, 1124034474, 1124034447

Servicing: 0123310033, 0123310051, 0123310052, 0123320014, 0123320050, 0123320067

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 146.50, **Rotation** CR



137510 Rotor

Replacing: 1124034979, 1124034964, 1124034963, 1124034961, 1124034476, 1124034475, 1124034463, 1124034437

Servicing: 0120485029, 0123310014, 0123310015, 0123310023, 0123310029, 0123310048, 0123310050, 0123310053, 0123310054, 0123310055

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 146.50, **Rotation** CR



137511 Rotor

Replacing: 1124035507, 1124035505, 1124035499

Servicing: 0120465006, 0123500002, 0123500005, 0123505007, 0123505008, 0123505009, 0123505017, 0123505018, 0123505033, 0123505045

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 165.00, **Rotation** CR



137512 Rotor

Replacing: 1124035517, 1124035516, 1124035509, 1124035508, 1124035478, 1124035477, 1124035428, 1124035403

Servicing: 0120465031, 012046503B, 0123214002, 0123515001, 0123515002, 0123515004, 0123515007, 0123515010, B120510510

14 **V**, 140 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 169.50, **Rotation** CR



137642 Rotor

Replacing: 9122334020

Servicing: 9120335000, 9120335001

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 207.50, **Splines** 18



137787 Rotor

Replacing: 1124034932, 1124034931, 1124034477, 1124034470, 1124034444, 1124034414, 1124034403

Servicing: 0120485011, 0120485012, 0120485022, 0123310005, 0123310010, 0123310011, 0123310012, 0123310013, 0123315005, 0123315007

14 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 93.00, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



138035 Rotor

Replacing: 1124033138, 1124033121, 1124033112

Servicing: 0123110005, 0123120001, 9123110005, 9123120001

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 148.00, **Rotation** CR



138036# Rotor

Replacing: 1124034922, 1124034917, 1124034429

Servicing: 0123325002, 0123325003, 0123325012, 0123325013, 0123325014, 9123325002

14 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 93.00, **Shaft dia.** 17.00, **Total length** 146.00, **Rotation** CR



138038 Rotor

Replacing: 1124034965, 1124034949, 1124034937, 1124034918, 1124034489, 1124034453

Servicing: 0123310018, 0123310019, 0123310020, 0123310024, 0123310025, 0123310027, 0123310031, 0123310032, 0123310034, 0123310035

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 158.00, **Rotation** CR



138039 Rotor

Replacing: 1124034958, 1124034946, 1124034934, 1124034930, 1124034913, 1124034485, 1124034483, 1124034479

Servicing: 0120485011, 0120485020, 0120485023, 0120485036, 0120485038, 0120485039, 0123310006, 0123310008, 0123310017, 0123310030

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 158.00, **Rotation** CR



138041 Rotor

Replacing: 1124034765, 1124034685, 1124034574, 1124034331, 1124034327, 1124034321, 1124034255, 1124034246

Servicing: 0120400858, 0120400859, 0120488109, 0120488110, 0120488114, 0120488115, 0120488121, 0120488123, 0120488131, 0120488138

14 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 153.00



138044 Rotor

Replacing: 1124035216, 1124035215, 1124035146, 1124035142, 1124035137

Servicing: 0120468030, 0120468031, 0120468032, 0120468033, 0120468048, 0120468049, 0120468071, 0120468072, 0120468099, 0120468100

14 **V**, 140 **Amp**, **Thread size** M16-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 169.00



138048 Rotor

Replacing: 1124035542, 1124035511, 1124035481, 1124035417

Servicing: 0123510004, 0123510018, 0123510021, 0123510060, 0123510074, 0123510075, 0123520023

14 **V**, 143 **Amp**, **Thread size** M16-1.50, **OD** 111.30, **Shaft dia.** 17.00, **Total length** 156.50, **Rotation** CR



138177 Rotor

Replacing: 1124035538, 1124035537, 1124035536, 1124035533, 1124035531, 1124035510, 1124035447

Servicing: 0123515025, 0123515500, 0123515501, 0123515503, 0123520002, 0123520003, 0123520004, 0123520005, 0123520014, 0123520019

14 **V**, 150 **Amp**, **Thread size** M14-1.50, **OD** 111.30, **Shaft dia.** 17.00, **Total length** 167.00, **Rotation** CR

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Available while stock last, * Program development.



138227 Rotor

Replacing: 1124034677, 1124034339

Servicing: 0120488206, 0120488234, 0120488252, 0120488253, 0120488266, 0120488283, 0120488288, 0120489481, 6033G2004B, 9120030003

28 **V**, 45 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 154.00



138228 Rotor

Replacing: 1124035193, 1124035133

Servicing: 0120450018, 0120450019, 0120450023, 0120450024, 0120450025, 0120450026, 0120450027, 0120450028, 0120450029, 0120450030

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 100.30, **Shaft dia.** 17.00, **Total length** 150.50, **Rotation** CR



138235 Rotor

Replacing: 1124034480

Servicing: 0123315016, 0123315021

14 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 93.00, **Shaft dia.** 17.00, **Total length** 158.00, **Rotation** CR



138250 Rotor

Replacing: 1124033139, 1124033131, 1124033122, 1124033116

Servicing: 0123100001, 0123100002, 0123100003, 0123110007, 9123100002

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 148.00, **Rotation** CR



138251 Rotor

Replacing: 1124034652, 1124034651, 1124034357, 1124034353, 1124034348, 1124034343

Servicing: 0120484001, 0120484002, 0120484003, 0120484011, 0120484012, 0120484015, 0120484016, 0120484018, 0120484020, 0120484026

14 **V**, 95 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 154.00



138263 Rotor

Replacing: 1124035232, 1124035203, 1124035202, 1124035136, 1124035135, 1124035125

Servicing: 0120469004, 0120469005, 0120469006, 0120469007, 0120469011, 0120469906, 0120469907, 0120469911, 0120469912, 0120469966

14 **V**, 80/105 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 159.00



138838 Rotor

Replacing: 1124035192, 1124035122

Servicing: 0120469925, 0120469926, 0120469927, 0120469928, 0120469943, 0120469946, 0120469947, 0120469948, B120500783, B120500844

14 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 150.50



138842# Rotor

Replacing: 1124035181, 1124035066, 1124035035

Servicing: 0120469024, 0120469025, 0120469542, 0120469545, 0120469546, 0120469548, 0120469555, 0120469556, 0120469557, 0120469558

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 161.00, **Rotation** CR



138844 Rotor

Replacing: 1124034616, 1124034240

Servicing: 0120489120, 0120489121, 0120489122, 0120489125, 0120489949

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 148.00, **Rotation** CR



138845# Rotor

Replacing: 1124034617, 1124034267, 1124034224

Servicing: 0120489121, 0120489947, 0120489948, 0120489949

14 **V**, 45 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 148.00



139260# Rotor

Replacing: 1124034978, 1124034912, 1124034911, 1124034910, 1124034465, 1124034455, 1124034439, 1124034404

Servicing: 0120400888, 0120485015, 0123310016, 0123315008, 0123315015, 0123315017, 0123315018, 0123315019, 0123325004, 0123325008

14 **V**, 95 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 150.00, **Rotation** CR

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#Available while stock last, * Program development.

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139527# Rotor

Replacing: 1124035190, 1124035076

Servicing: 0120469744, 0120469745, 0120469746, 0120469811, 0120469812, 0120469894, 0120469896, 0120469897, B120500328, B120500704

14 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 150.50



139746 Rotor

Replacing: 1124035169, 1124035065, 1124035034

Servicing: 0120469526, B120421869

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 173.00



139806# Rotor

Replacing: 1124035180, 1124035064

Servicing: 0120469522, 0120469749, B120421872, B120427872

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 161.00



230357 Rotor

Replacing: 1124034381, 1124034047

Servicing: 0120400630, 0120400702, 0120400703, 0120400752, 0120400753, 0120400767, 0120400768, 0120400794, 0120400795

14 **V**, 45 **Amp**, **Thread size** M15-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 126.00



230849 Rotor

Replacing: F00M121636, F00M121622, f00m121611

Servicing: 0120000023, 0124315015, 0124315028, 0124320001, 0124320002, 0124325001, 0124325002, 0124325003, 0124325004, 0124325009

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 93.00, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR

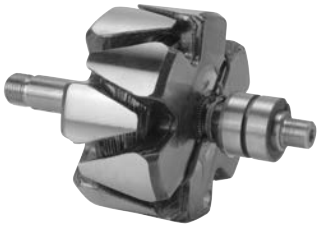


230978 Rotor

Replacing: 1124035213, 1124035095

Servicing: 0120468028, 0120468055, B120500078, B120500671

14 **V**, 130 **Amp**, **Thread size** UNF 5/8", **OD** 103.30, **Shaft dia.** 22.23, **Total length** 201.00, **Rotation** CR



230980 Rotor

Replacing: 9121064067, 9121064050

Servicing: 0120488297, 9120060027

14 **V**, 37 **Amp**, **Thread size** M16-1.50, **OD** 93.00, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



231070 Rotor

Replacing: f00m111606

Servicing: 0124225001, 0124225002, 0124225004, 0124225009, 0124225018, 0124225022, 0124225023, 0124225024, 0124225025, 0124225030

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 147.50, **Rotation** CR



231250 Rotor

Replacing: f00m131603

Servicing: 0124515017, 0124515018, 0124515019, 0124515054, 0124525001, 0124525014, 0124525029, 0124525060

14 **V**, 120/140 **Amp**, **Thread size** M16-1.50 L, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 159.00, **Rotation** ACR



231256 Rotor

Replacing: f00m121614

Servicing: 0124415004, 0124415006, 0124415016, 0124415029, 0124415030, 0124415031, 0124415032

14 **V**, 105 **Amp**, **Thread size** M16-1.50, **OD** 98.30, **Shaft dia.** 17.00, **Total length** 150.00, **Rotation** CR



231270# Rotor

Replacing: f00m121604

Servicing: 0124325006

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 150.00, **Rotation** CR



231637# Rotor

Replacing: 1124034939

Servicing: 0120485047, 0123310042, B120411306, F010LD0205

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 157.50, **Rotation** CR

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.



231662 Rotor

Replacing: f00m121610, f00m121601

Servicing: 0124315001, 0124315002, 0124315003, 0124315004, 0124315005, 0124315006, 0124315007, 0124315008, 012431500E, 0124315010

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



231682 Rotor

Replacing: f00m121619, f00m121616

Servicing: 0124415007, 0124415011, 0124415013, 0124415014, 0124415038, 0124415040, 0124415041, 0124415043, 0124415045, 0124415046

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 98.30, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



231754 Rotor

Replacing: f00m131623, f00m131607

Servicing: 0120000033, 0124515001, 0124515004, 0124515005, 0124515006, 0124515023, 0124515031, 0124515032, 0124515033, 0124515049

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 155.50, **Rotation** CR

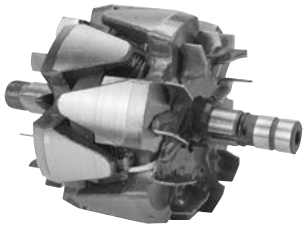


231934 Rotor

Replacing: F00M121635, f00m121612

Servicing: Test 245-295, 0124415001, 0124415002, 0124415005, 0124415008, 0124415009, 0124415010, 0124415023, 0124415025

14 **V**, 100 **Amp**, **Thread size** M16-1.50, **OD** 98.30, **Shaft dia.** 17.00, **Total length** 150.00, **Rotation** CR



232198 Rotor

Replacing: F00M131661, f00m131608

Servicing: 0120000017, 0120000035, 0124515010, 0124515011, 0124515012, 0124515013, 012451501A, 0124515020, 0124515021, 0124515022

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 157.50, **Rotation** CR



232235 Rotor

Replacing: 1124034960, 1124034947, 1124034945, 1124034944, 1124034914, 1124034907, 1124034905, 1124034903

Servicing: 0120485047, 0120485048, 012048504J, 0123310022, 0123310041, 0123310043, 0123310044, 0123310047, 0123310050, 0123315013

14 **V**, 80/90 **Amp**, **Thread size** M16-1.50, **OD** 94.00, **Shaft dia.** 17.00, **Total length** 161.00, **Rotation** CR



233321 Rotor

Replacing: 1124035503, 1124035466, 1124035438, 1124035400

Servicing: 0120465007, 0120465009, 0120465010, 0120465011, 0120465012, 0120465018, 0120465020, 0120465021, 0120465026, 0120465027

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 103.40, **Shaft dia.** 17.00, **Total length** 155.50, **Rotation** CR



233471 Rotor

Replacing: F00M131624

Servicing: 0124615002, 012461500C, 0124615027, 0124615031

14 **V**, 150 **Amp**, **Thread size** M16-1.50, **OD** 111.25, **Shaft dia.** 17.00, **Total length** 156.75, **Rotation** CR



233526 Rotor

Replacing: f00m121621

Servicing: 0124315019, 0124315027, B120416351

14 **V**, 75 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR

Slip ring: HC-CARGO 135172.



233700 Rotor

Replacing: 9122334025

Servicing: 9120334625, 9120334626, 9120334635

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Splines** 19, **Total length** 206.90, **Rotation** CR



233717 Rotor

Replacing: 1124035502, 1124035464

Servicing: 0123510008, 0123510048

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 103.35, **Shaft dia.** 17.00, **Total length** 164.20, **Rotation** CR

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#Available while stock last, * Program development.

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233854 Rotor

Replacing: f00m111609, f00m111604

Servicing: 0124225010, 0124225011, 0124225013, 0124225014, 0124225020, 0124225037, 0124225058, 0124225062, 0124225063, 0124225064

12 **V**, 75 **Amp**, **Thread size** M16-1.50, **OD** 88.85, **Shaft dia.** 17.00, **Total length** 151.00, **Rotation** CR



233863 Rotor

Replacing: 1124035527, 1124035486

Servicing: 0123505001, 0123505004, 0123510020, 0123510043, 0123510052, 0123510062, 0123510063, 0123510064, 0123510069, 0123510089

14 **V**, 115 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 156.25, **Rotation** CR



233924 Rotor

Replacing: 1124035540, 1124035539, 1124035535, 1124035528

Servicing: 0123510105, 0123520006, 0123520007, 0123520008, 0123520010, 0123520011, 0123520012, 0123520013, 0123520015, 0123520017

14 **V**, 150 **Amp**, **Thread size** M16-1.50, **OD** 111.30, **Shaft dia.** 17.00, **Total length** 159.20, **Rotation** CR

Slip ring: HC-CARGO 135172.



234095 Rotor

Replacing: 1124033027, 1124033018, 1124033016

Servicing: 0120340002, 0120340003, 0120340004, 0120340005, B120300026, B120346004, B120346005

14 **V**, 20 **Amp**, **OD** 72.95, **Total length** 83.25



234361 Rotor

Replacing: 9122334032

Servicing: 6033GB5001, 6033GB5007, 6033gb5009, 6033GB5011, 9120335002

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 100.10, **Shaft dia.** 17.00, **Total length** 208.00, **Rotation** CR, **Splines** 18



234423 Rotor

Replacing: f00m131604

Servicing: 0124510001, 0124515015, 0124515028, 0124515040, 0124515042, 0124515044, 0124515058, 0124515072, 0124515073, 0124515113

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 103.25, **Shaft dia.** 17.00, **Total length** 159.00, **Rotation** CR



234656 Rotor

Replacing: 1124035515

Servicing: 0123515022, 0123515023, 0123515029, 0123515030, 9123515022

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 167.20, **Rotation** CR



234776# Rotor

Replacing: f00m111607

Servicing: 0124225012, 0124225015, 0124225016, 0124225019, 0124225021, 0124225026, 0124225027, 0124225031, 0124225035, 9124225037

14 **V**, 85 **Amp**, **Thread size** M16-1.50, **OD** 88.85, **Shaft dia.** 17.00, **Total length** 147.85, **Rotation** CR



235219 Rotor

Replacing: F00M131631

Servicing: 0124615006, 0124615007, 0124615008, 0124615009, 0124615012, 0124615013, 0124615014, 0124615015, 0124615016, 0124615017

14 **V**, 150 **Amp**, **Thread size** M16-1.50, **OD** 111.30, **Shaft dia.** 17.00, **Total length** 162.00, **Rotation** CR



235255 Rotor

Replacing: F00M131670, F00M131660, F00M131622

Servicing: 0120000015, 0120000037, 0124525008, 0124525009, 0124525010, 0124525027, 0124525038, 0124525039, 0124525050, 0124525062

14 **V**, 140 **Amp**, **Thread size** M16-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 159.00, **Rotation** CR



235325 Rotor

Replacing: f00m131713, F00M131626

Servicing: 0124525016, 0124525143

14 **V**, 140 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 164.35, **Rotation** CR



235326 Rotor

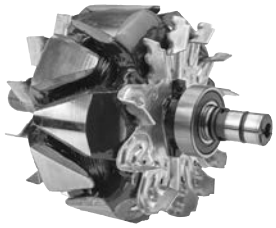
Replacing: F00M131639, F00M131634

Servicing: 0124525028, 0124525034, 0124525035, 0124525043, 0124525044, 0124525047, 0124525049, 0124525053, 0124525055, 0124525063

14 **V**, 150 **Amp**, **Thread size** M16-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 157.00, **Rotation** CR

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#Available while stock last, * Program development.



235564 Rotor

Replacing: F00M131629

Servicing: 0124625002, 0124625004, 0124625014, 0124625015, 0124625017, 0124625019, 0124625033, 0124625045

14 **V**, 200 **Amp**, **Thread size** M16-1.50, **OD** 111.30, **Shaft dia.** 17.00, **Total length** 160.00, **Rotation** CR



236536 Rotor

Replacing: F00M121629

Servicing: 0124425004, 0124425005, 0124425006, 0124425007, 0124425008, 0124425009, 0124425010, 0124425015, 0124425026, 0124425027

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 97.90, **Shaft dia.** 17.00, **Total length** 150.00, **Rotation** CR



237371 Rotor

Replacing: 1124034816

Servicing: 0120484022, 0120484024

14 **V**, 95 **Amp**, **Thread size** M16-1.50, **OD** 93.15, **Shaft dia.** 17.00, **Total length** 165.00

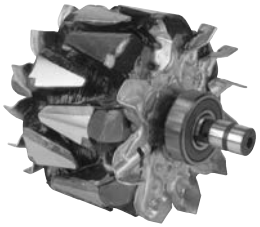


239238 Rotor

Replacing: 1124035506, 1124035501, 1124035500, 1124035474, 1124035471, 1124035467, 1124035463, 1124035462

Servicing: 0120465006, 0120465007, 0120465008, 0120465012, 0120465018, 0120465023, 0120465026, 0120465028, 0120465029, 0123213005

14 **V**, 115 **Amp**, **OD** 103.50, **Rotation** CR, **Shaft dia.** 17.00, **Total length** 164.50 *w/ bearing.*



332035 Rotor

Replacing: F00M312027, F00M312012, F00M312002

Servicing: 0120000024, 0120000025, 0120000026, 0120000029, 0121615001, 0121615002, 0121615003, 0121615005, 0121615006, 0121615007

14 **V**, 150 **Amp**, **Thread size** M16-1.50, **OD** 101.00, **Shaft dia.** 17.00, **Total length** 146.50, **Rotation** CR

28 Volt



130092 Rotor

Replacing: 1124034749, 1124034548, 1124034119

Servicing: 0120489192, 0120489702, 9120080134, 9120144111, 9120144114, 9120144118, 9120144119, B120421384

28 **V**, 35 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 159.00



131073 Rotor

Replacing: 1124341169, 1124034750, 1124034689, 1124034648, 1124034352, 1124034169, 1124034114, 1124034110

Servicing: 0120489060, 0120489303, 0120489643, 9120080088, 9120080114, 9120080150, 9120144111, 9120144112, 9120144113, 9120144114

28 **V**, 45 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 159.00, **Rotation** CR



131497 Rotor

Replacing: 1124034622, 1124034551, 1124034120

Servicing: 0120488208, 0120488273, 0120488289, 0120489053, 0120489230, 0120489684, 0120489827, 0123310020, B120421393, B120427030

28 **V**, 35 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 165.50



131940# Rotor

Replacing: 1124034775, 1124034733, 1124034732, 1124034590, 1124034515, 1124034514, 1124034171, 1124034146

Servicing: 0120400827, 0120400828, 0120489410, 0120489412, 0120489414, 0120489612, 0120489638, 0120489639, 0120489661, 0120489682

28 **V**, 27 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 149.50, **Rotation** CR



132343 Rotor

Replacing: 1124034739, 1124034724, 1124034527, 1124034063

Servicing: 0120400685, 0120400715, 0120400773, 0120400799, 0120400846, 0120400876, 0120400888, 0124525028, 9120690024, B120420619

28 **V**, 27 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 150.50

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#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



132347[#] Rotor

Replacing: 1124034776, 1124034592, 1124034172, 1124034125

Servicing: 0120489388, 0120489707, 0120489727, 0120489733, 6033G2068B, 9120690079, B120421185, B120421459, B120421476

28 **V**, 27 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 146.00, **Rotation** CR



132348 Rotor

Replacing: 1124034777, 1124034655, 1124034594, 1124034175, 1124034133

Servicing: 0120488224, 0120488268, 0120489023, 0120489033, 0120489034, 0120489035, 0120489055, 0120489410, 0120489411, 0120489412

28 **V**, 27 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 147.50, **Rotation** CR



132349 Rotor

Replacing: 1124034645, 1124034553, 1124034368, 1124034176, 1124034168, 1124034134

Servicing: 0120488232, 0120488271, 0120488289, 0120489221, 0120489224, 0120489320, 0120489731, 0120489827, 0120489944, B120402640

28 **V**, 35 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 165.50



133188 Rotor

Replacing: 1124035236, 1124035166, 1124035147, 1124035058, 1124035024, 1124035010

Servicing: 0120400750, 0120400751, 0120469019, 0120469024, 0120469025, 0120469038, 0120469039, 0120469518, 0120469527, 0120469562

28 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 175.00, **Rotation** CR



133444 Rotor

Replacing: 1124035168, 1124035077

Servicing: 0120469001, 0120469686, 0120469982, 6033GB3008, B120427931, B120500299, B120500845, B120501003

28 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 172.50



133559 Rotor

Replacing: 1124035237, 1124035219, 1124035177, 1124035079, 1124035057, 1124035021

Servicing: 0120469014, 0120469018, 0120469030, 0120469043, 0120469519, 0120469520, 0120469521, 0120469523, 0120469549, 0120469569

28 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 161.00



134710 Rotor

Replacing: 1124034643, 1124034258

Servicing: 0120400728, 0120488256, 0120488277, 0120488278, 0120488291, 0120489316, B120402667, B120427480

28 **V**, 35 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 165.50



134732 Rotor

Replacing: 1124037000

Servicing: 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689512, 0120689514, 0120689515

28 **V**, 95 **Amp**, **Thread size** M24-1.50, **OD** 125.20, **Shaft dia.** 30.00, **Total length** 247.50



135868[#] Rotor

Replacing: 1124035212, 1124035211, 1124035131, 1124035120

Servicing: 0120469920, 0120469959, 0120469960, 0120469963, B120500629, B120500810, B120500873, B120500874

28 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 164.00

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.



135996 Rotor

Replacing: 1124037001

Servicing: 0120689511, 0120689513, 0120689517, 0120689518, 0120689521, 0120689538, 0120689539, 0120689550, 0120689591, B120600100

28 **V**, 120 **Amp**, **Thread size** M24-1.50, **OD** 125.20, **Shaft dia.** 30.00, **Total length** 247.50

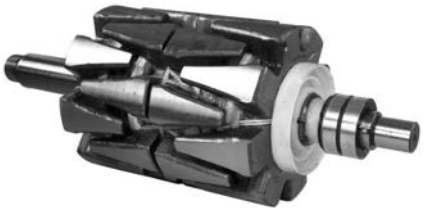


135997 Rotor

Replacing: 1124037002

Servicing: 0120689520, 0120689522, 0120689526, 0120689528, 0120689531, 0120689533, 0120689534, 0120689540, 0120689542, 0120689543

28 **V**, 120 **Amp**, **Thread size** M27-1.50, **OD** 125.20, **Shaft dia.** 30.00, **Total length** 247.50



136462 Rotor

Replacing: 2124037065, 2124037063

Servicing: 0120689519, 0120689529, 0120689536, 0120689537, 0120689544, 0120689547, 0120689554, 0120689556, 0120689560, 0120689589

28 **V**, 180 **Amp**, **Thread size** M24-1.50, **OD** 125.10, **Shaft dia.** 30.00, **Total length** 348.18



136579 Rotor

Replacing: 1124037004

Servicing: 0120389567, 0120689527, 0120689530, 0120689535, 0120689541, 0120689546, 0120689548, 0120689549, 0120689552, 0120689555

28 **V**, 140 **Amp**, **Thread size** M27-1.50, **OD** 125.00, **Shaft dia.** 30.00, **Total length** 248.30



136829 Rotor

Replacing: 1124035226, 1124035116

Servicing: 0120468053, 0120468107, 0120468113, 0120468117, 0120468118, 0120468137, 0120468138, 0120468140, 0120468149, 0120468154

28 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 171.00, **Rotation** CR



136993 Rotor

Replacing: 1124034678, 1124034350

Servicing: 0120488137, 0120488153, 0120488269, 0120488270, 0120488292, 0120489226, 0120489227, B120402352, B120402810

28 **V**, 35 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 153.85, **Rotation** CR



137238# Rotor

Replacing: 1124035229

Servicing: 0120468093, B120500004

28 **V**, 80 **Amp**, **Thread size** M14, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 164.00, **Rotation** CR/ACR



137722# Rotor

Replacing: 9122334030

Servicing: 0120469103

28 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 138.50



138045 Rotor

Replacing: 6033gd2024, 1124035242

Servicing: 0120468131, 0120468132, 6033G3060B, 6033GB3033, 6033GB3034, 6033GB3035, 6033GB3036

28 **V**, 65 **Amp**, **Thread size** M16-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 175.50



138200 Rotor

Replacing: 1124034760, 1124034566, 1124034249

Servicing: 0120489225, 0120489231, 0120489284, B120427339, B120427377

28 **V**, 27 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 153.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



138264 Rotor

Replacing: 1124035260, 1124035255

Servicing: 0120469050, 0120469100, 0120469102, 0120469107, 0120469108, 0120469109, 0120469110, 0120469111, 0120469112, 0120469113

28 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 156.00



138521 Rotor

Replacing: 1124035221, 1124035105

Servicing: 0120468037, 0120468114, B120500158, B120500992

28 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 164.00, **Rotation** CR



138839 Rotor

Replacing: 9121456056, 1124035223, 1124035222, 1124035141, 1124035119

Servicing: 0120468065, 0120468094, 0120468116, 0120468124, 0120468129, 0120468130, 0120468139, 0120468999, B120500512, B120500960

28 **V**, 75 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 166.50, **Rotation** CR



139405 Rotor

Replacing: 1124035238, 1124035178

Servicing: 0120469010, 0120469022, 0120469023, 0120469026, 0120469027, 0120469030, 0120469031, 0120469037, 0120469048, 0120469521

28 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 161.00, **Rotation** CR



139433 Rotor

Replacing: 1124035167, 1124035068, 1124035037

Servicing: 0120469008, 0120469036, 0120469041, 0120469585, 0120469796, 6033gb3053, B120421984, B120500146, B120501032

28 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 100.00, **Shaft dia.** 17.00, **Total length** 172.50



139805 Rotor

Replacing: 1124035261

Servicing: 0120469115, 0120469116, 0120469117, 0120469118, 6033G3B022, 6033GB3019, 6033GB3022, 6033GB3027

28 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 166.50



230979 Rotor

Replacing: 1124035257

Servicing: 0120468135, 0120468144, 0120468146, 0120469104, 0120469105, 6033G3045B, 6033GB045, 6033GB3021, 6033GB3045, 6033GB3048

28 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 103.45, **Shaft dia.** 17.00, **Total length** 175.50



231280 Rotor

Replacing: 2124037064

Servicing: 0120689562, F000LD0211

28 **V**, 140 **Amp**, **OD** 125.00, **Rotation** CR, **Shaft dia.** 30.00, **Total length** 234.50



232040 Rotor

Replacing: 9122334037

Servicing: 0120468143, 0120468145, 0120469119, 0120469120, 6033G3081B, 6033G3082B, 6033GB3010, 6033GB3023, 6033GB3083

28 **V**, 100 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 175.00, **Rotation** CR



233646 Rotor

Replacing: 1124035259

Servicing: 0120469101, 6033GB3047, 6033GB3055

28 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 100.10, **Shaft dia.** 17.00, **Total length** 168.70

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.



233973 Rotor

Replacing: 1124035544, 1124035541, 1124035522

Servicing: 0123525500, 0123525502, 0123525503

28 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 111.45, **Shaft dia.** 17.00, **Total length** 159.00, **Rotation** CR

Slip ring: HC-CARGO 135172.



234523 Rotor

Replacing: 1124035547, 1124035543, 1124035530

Servicing: 0123525501, 0123525504

28 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 111.45, **Shaft dia.** 17.00, **Total length** 177.00



235054 Rotor

Replacing: F00M131645, F00M131616

Servicing: 0124555001, 0124555002, 0124555003, 0124555004, 0124555006, 0124555007, 0124555008, 0124555011, 0124555012, 0124555013

28 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 103.25, **Shaft dia.** 17.00, **Total length** 162.00, **Rotation** CR



235341 Rotor

Replacing: 1124034977, 1124034970

Servicing: 0123325500

28 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 93.20, **Shaft dia.** 17.00, **Total length** 171.10, **Rotation** CR



235512# Rotor

Servicing: 0120489316

28 **V**, 30 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 165.40



235744 Rotor

Replacing: F00M131618

Servicing: 0124555005, 0124555009, 0124555010, 0124555017, 0124555020, 0124555027, 0124555028, 0124555061

28 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 103.40, **Shaft dia.** 17.00, **Total length** 159.00

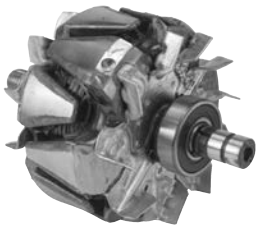
NEW PRODUCT
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238117* Rotor

Replacing: F00M131658

Servicing: 0124655008, 0124655009, 0124655012, 0124655019, 0124655023

28 **V**, 110 **Amp**, **Thread size** M16-1.50, **OD** 111.50, **Shaft dia.** 17.00, **Total length** 162.00, **Rotation** CR

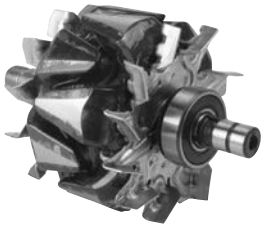


330218 Rotor

Replacing: f00m131681

Servicing: 0124655014, 0124655111

28 **V**, 110 **Amp**, **Thread size** M16-1.50, **OD** 111.30, **Shaft dia.** 17.00, **Total length** 166.00, **Rotation** CR



331782 Rotor

Replacing: F00M131680

Servicing: 0124555018, 0124555035, 0124555068

28 **V**, 82 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 166.00, **Rotation** CR



333333 Rotor

Replacing: F00M131635

Servicing: 0124655001, 0124655002, 0124655003, 0124655004, 0124655005, 0124655011, 0124655013, 0124655030, 0124655065, 0124655081

28 **V**, 100 **Amp**, **Thread size** M16-1.50, **OD** 111.42, **Shaft dia.** 17.00, **Total length** 160.00, **Rotation** CR

NEW PRODUCT
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333364* Rotor

Replacing: F00M111613

Servicing: 0124225042, 0124225051, 0124225052

14 **V**

NEW PRODUCT
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333386* Rotor

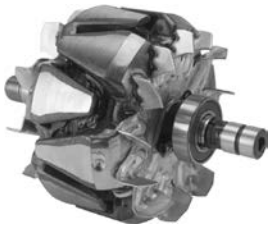
Replacing: F00M131665

Servicing: 0124625028

14 **V**

All measurements are in mm, unless else stated.
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O.E.M. names and numbers are used for reference purposes only.



333492 5★ Rotor

Manufacturer: Bosch

Replacing: F00M131658

Servicing: 0124655008, 0124655009, 0124655011, 0124655012, 0124655019, 0124655023, F00M136248

28 **V**, 110 **Amp**, **Thread size** M16-1.50, **OD** 111.50, **Shaft dia.** 17.00, **Total length** 162.00, **Rotation** CR
Alternative no.: 238117

Rotor Parts

Shafts



133435 Rotor Shaft

Servicing: 9121144005, -019, HC-CAR-GO 132850, 9120144605, 9120144606, 9120144610, 9120144611, 9120334627, 9120334628, 9120334636

Thread size M14-1.50, **OD/ shaft** 17.00, **Total length** 200.60, **No./ splines** 18



133799# Rotor Shaft

Servicing: 1124034119, -169, HC-CARGO 130092, 131073

Thread size M14-1.50,
OD/ shaft 17.00, **Total length** 157.00



133910 Rotor Shaft

Servicing: 1124034311, HC-CARGO 134097

Thread size M16-1.50,
OD/ shaft 17.00, **Total length** 149.00



135329# Rotor Shaft

Servicing: 1 124 035 077, HC-CARGO133444, 0120469019, 0120469025, 0120469039, 0120489518, B120421999

Thread size M16-1.50,
OD/ shaft 17.00, **Total length** 172.00



137223 Rotor Shaft

Servicing: 9121144037, 9122334021, HC-CARGO 136286, 6033GB4009, 6033GB5009, 9120144605, 9120144606, 9120334631, 9120334632

Thread size M14-1.50, **OD/ shaft** 17.00, **Total length** 210.00, **No./ splines** 18



239134 Rotor Shaft

Servicing: 1124034934, 1124034951, F00M131628, F00M131630, F00M131634, F00M131639, F00M131645

Thread size M16-1.50, **OD/ shaft** 17.00, **Total length** 154.50, **No./ splines** 19

Keys

Pkg. 10



133785 Key

Replacing: 1900023004

Servicing: 9120080169, 9120080171, 9120080198, 9120080203, 9120080205, 9120080216

Length 10.00, **Thickness** 3.00, **Width** 3.70

Slip Rings

Pkg. 10



133401 Slip Ring

Replacing: 1124304022, 1124304011, 1124304007

Servicing: 0120400504, 0120400505, 0120400506, 0120400507, 0120400508, 0120400510, 0120400511, 0120400512, 0120400517, 0120400518

ID 17.00, **OD** 32.00, **Total length** 22.30
Copper ring: HC-CARGO 135659.
Alternative no.: B133401

Pkg. 10



133402 Slip Ring

Replacing: 1124304015, 1124303038, 1124303024, 1124303022, 1124303017, 1124303015, 1124303013, 1124303010

Servicing: 0120300510, 0120300511, 0120300512, 0120300513, 0120300514, 0120300516, 0120300517, 0120300518, 0120300519, 0120300522

ID 17.00, **OD** 28.00, **Total length** 22.10
Copper ring: HC-CARGO 135660.
Alternative no.: B133402

Pkg. 5



135172 Slip Ring

Servicing: 0120335006, 0120335007, 0120335008, 0120335010, 0120335012, 0120465004, 0120465006, 0120465007, 0120465008, 0120465009

ID 7.00, **OD** 16.00, **Total length** 52.10

All measurements are in mm, unless else stated.
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#Available while stock last, * Program development.



136000 Slip Ring

Replacing: 1124304018
Servicing: 0120689503, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689511, 0120689512, 0120689513, 0120689514
ID 20.00, **OD** 32.70, **Total length** 22.30



136465 Slip Ring

Replacing: 2124306001
Servicing: 0120600582, 0120600583, 0120600584, 0120600586, 0120600587, 0120600588, 0120600590, 0120600591, 0120600592, 0120689519
ID 25.00, **OD** 40.50, **Total length** 38.00



235764 Slip Ring

Replacing: 1124303026
Servicing: 0120339514, 0120339531, 0120400722, 0120400723, 0120400728, 0120400806, 0120400807, 0120400810, 0120400833, 0120400834
ID 16.80, **OD** 28.00, **Total length** 22.20

Pkg. 5



239930 Slip Ring

Servicing: 0121615002, 0121615003, 0121615005, 0121615006, 0121615008, 0121615009, 0121615012, 0121615013, 0121615014, 0121615021
ID 5.12, **OD** 13.42, **Total length** 42.30

Pkg. 10

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332651 Slip Ring

Replacing: F00M502710, F00M502700
Servicing: 0125711017, 0125711059
ID 5.15, **OD** 13.85, **Total length** 46.40

NEW PRODUCT
www.hc-cargo.com

333359* Slip Ring

Servicing: 0125711011

Pkg. 90



B133402 Slip Ring

Replacing: B133402
ID 17.00, **OD** 28.00, **Total length** 22.10
w/ 1.8 mm copper.
Alternative no.: 133402

Pkg. 1000



B135660 Copper Ring

ID 30.00, **OD** 26.00, **Height** 8.50
Quick repair for slip ring: HC-CARGO 133402.
Alternative no.: 135660

Copper Rings

Pkg. 10



135659# Copper Ring

ID 30.00, **OD** 34.40, **Height** 8.65
Slip ring: HC-CARGO 135659.

Pkg. 10



135660 Copper Ring

ID 26.00, **OD** 30.00, **Height** 8.50
Slip ring: HC-CARGO 133402.
Alternative no.: B135660

Spacers

Pkg. 10



139025 Rotor Spacer

Replacing: 1120114002
Servicing: 1120114002, 0120689513, 0120689520, 0120689522, 0120689523, 0120689526, 0120689527, 0120689528, 0120689530, 0120689531
ID 30.00, **OD** 40.00, **Height** 10.00

Pkg. 5



139040# Rotor Spacer

Servicing: 0120489565, 0120489566, 0120489583, 0120489584
ID 17.00, **OD** 22.50/28.00, **Height** 6.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



230822 Spacer

Replacing: 2120202006

Servicing: 0120689502, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689511, 0120689512

ID 30.00, **OD** 38.00, **Height** 13.00



235608 Spacer

Replacing: 2120202017

Servicing: 0120689519, 0120689529, 0120689536, 0120689537, 0120689544, 0120689547, 0120689554, 0120689556, 0120689560, 0120689589

ID 20.00, **OD** 27.90, **Height** 11.00

Circlips

Pkg. 5



139026 Circlip

Replacing: 2916600016

Servicing: 0001600002, 0001600003, 0001600005, 0001600006, 0001600007, 0001600010, 0001600011, 0001600012, 0001600013, 0001601001

Nuts

Pkg. 5



138775 Shaft Nut

Replacing: f00m990059, 1127011100, 1123314003

Servicing: 0120000016, 0120000035, 0120000036, 0120335011, 0120335012, 012033501C, 0120400949, 0120450012, 0120450022, 0120450024

Thread M16-1.50, **OD** 32.30, **Lock nut** No

Pkg. 5



139930 Shaft Nut

Replacing: f00m990132, F00M990075

Servicing: ACR, 0123515502, 0124515017, 0124515018, 0124525001, 0124525061, 0124525522, 0124615029, 0124625001

Thread M16-1.50, **OD** 23.75, **Lock nut** No

Pkg. 100



191657 Hex Nut

Replacing: f00m990191, F00M990012, 9491337029, 6033gc8223, 2915039028

Servicing: 4G series, 0120000017, 0120000019, 0120000023, 0120335006, 0120335007, 0120335008, 0120335012, 012033501C, 0120400728

Thread M16-1.50, **Spanner size** 24.00, **DIN norm** 439B, **ISO norm** 4035



231564 Nut

Servicing: 1126601568

Thread M16-1.50, **OD** 26.50/24.90, **Lock nut** No

For rotor.

Pkg. 5



234137 Nut

Replacing: 2123300004

Servicing: AC172R, AC203R, AC203RA, 0120600559, 0120600572, 0120600573, 0120600587, 0120600590, 0120600591, 0120600592, 0120689519

Thread M24-1.50, **OD** 36.60, **Lock nut** No

Nut Sets



135553 Shaft Nut Set

Replacing: 1127011052

Servicing: 0120400836, 0120400837, 0120400862, 0120400863, 0120489565, 0120489566, 0120489583, 0120489584



136010 Shaft Nut Set

Replacing: 1127011064, 1127011063

Servicing: 0120689502, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689511, 0120689512



136011 Shaft Nut Set

Replacing: 1127011171

Servicing: 0120389567, 0120689519, 0120689520, 0120689523, 0120689526, 0120689528, 0120689530, 0120689531, 0120689533, 0120689534



137089 Shaft Nut Set

Replacing: 1127011019

Servicing: 0120400633, 0120400667, 0120400668, 0120400683, 0120400684, 0120400695, 0120400712, 0120400713, 0120400754, 0120400785

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Available while stock last, * Program development.



137148 Shaft Nut Set

Replacing: 1127011020

Servicing: 0120339547, 0120400634, 0120400635, 0120400636, 0120400643, 0120400644, 0120400647, 0120400648, 0120400652, 0120400665



137149 Shaft Nut Set

Replacing: 1127011090

Servicing: 0120468001, 0120468002, 0120468003, 0120468019, 0120468020, 0120468030, 0120468031, 0120468032, 0120468033, 0120468048



138094 Shaft Nut Set

Replacing: 1127011160

Servicing: 0120465006, 0120468053, 0120468065, 0120468094, 0120468107, 0120468113, 0120468115, 0120468116, 0120468117, 0120468118



139333 Shaft Nut Kit

Replacing: 1127011166

Servicing: 0120689511, 0120689522, 0120689527, 0120689540, 0120689541, 0120689555, 0120689563, 0120689569, 0120689570, 0120689575

Thread M27-3.00, **OD** 45.85, **Lock nut** No



231091 Shaft Nut Set

Replacing: 1127011143

Servicing: 0120400728, 0120469001, 0120469013, 0120469101, 0120469686, 0120469687, 0120469895, 0120469982, 0120488256, 0120488277

Washers

Pkg. 10



234710 Washer

Servicing: 0120400640, 0120400642, 0120400694, 0120400708, 0120400791, 0120400835

ID 6.75, **OD** 15.30, **Thickness** 1.45, **Material** Plastic

Stators

14 Volt



130097 Stator

Replacing: 1125043007, 1125043005, 1125043002

Servicing: 0120300518, 0120300519, 0120300522, 0120300523, 0120300524, 0120300530, 0120300531, 0120300532, 0120300533, 0120300535

14 **V**, 28 **Amp**, **ID** 74.00, **OD** 108.00, **OD 2** 102.25, **Height** 20.00, **Terminals** 3



130099 Stator

Replacing: 9121335025, 9121335024, 1125043004

Servicing: 0120300528, 0120300529, 0120300538, 0120300539, 0120300550, 0120300551, 0120300558, 0120300559, 0120300562, 0120300563

14 **V**, 33 **Amp**, **ID** 73.95, **OD** 107.90, **OD 2** 101.75, **Height** 20.00, **Terminals** 3



130100 Stator

Replacing: 9122080658, 9121080090, 1125045014, 1125045010, 1125045009, 1125045007, 1124229025, 1124229010

Servicing: 0120400505, 0120400541, 0120400542, 0120400558, 0120400563, 0120400569, 0120400570, 0120400571, 0120400572, 0120400600

14 **V**, 35 **Amp**, **ID** 89.50, **OD** 125.00, **OD 2** 117.50, **Height** 17.00, **Terminals** 3



130101 Stator

Replacing: 9122080559, 9121334114, 1125045062, 1125045052, 1125045046, 1125045042, 1125045041, 1125045038

Servicing: 0120400643, 0120400665, 0120400679, 0120400686, 0120400687, 0120400692, 0120400693, 0120400712, 0120400714, 0120400716

14 **V**, 55 **Amp**, **ID** 89.00, **OD** 125.00, **OD 2** 117.00, **Height** 23.60, **Terminals** 3



132091 Stator

Replacing: 1125045140, 1125045138, 1125045137, 1125045133, 1125045130, 1125045122, 1125045119, 1125045114

Servicing: 0120450003, 0120450004, 0120450013, 0120450014, 0120468163, 0120469002, 0120469003, 0120469004, 0120469005, 0120469006

14 **V**, 90 **Amp**, **ID** 100.65, **OD** 138.20, **OD 2** 130.40, **Height** 24.00, **Terminals** 4

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



132351 Stator

Replacing: 1125045034, 1125045021

Servicing: 0120400644, 0120400744, 0120400838, 0120488002, 0120488003, 0120488004, 0120488005, 0120489103, 0120489587, 0120489589

14 **V**, 45 **Amp**, **ID** 88.99, **OD** 125.00, **Height** 24.12, **Terminals** 3



132353 Stator

Replacing: 1125045051

Servicing: 0120400745, 0120400838, 0120400839, 0120400840, 0120400841, 0120400900, 0120400901, 0120400902, 0120400903, 0120400906

14 **V**, 45 **Amp**, **ID** 89.20, **OD** 124.90, **OD 2** 117.60, **Height** 23.55, **Terminals** 3



132354 Stator

Replacing: 1125045081, 1125045053

Servicing: 0120484029, 0120488000, 0120488001, 0120488008, 0120488009, 0120488012, 0120488100, 0120488101, 0120488102, 0120488103

14 **V**, 70 **Amp**, **ID** 89.40, **OD** 125.00, **OD 2** 118.70, **Height** 25.60, **Terminals** 3



133081 Stator

Replacing: 9121144103, 1125045504, 1125045063, 1125045054, 1125045043

Servicing: 0120400725, 0120400944, 0120400945, 0120488000, 0120488001, 0120488006, 0120488007, 0120488118, 0120488119, 0120488124

14 **V**, 65 **Amp**, **ID** 89.20, **OD** 125.00, **OD 2** 117.50, **Height** 25.50, **Terminals** 3



133105 Stator

Replacing: 1225045106, 1125045106, 1125045101

Servicing: 0120450001, 0120450002, 0120450008, 0120450009, 0120469500, 0120469501, 0120469502, 0120469503, 0120469504, 0120469505

14 **V**, 70 **Amp**, **ID** 100.50, **OD** 138.00, **Height** 24.10, **Terminals** 3



133294 Stator

Replacing: 1125045135, 1125045110, 1125045100

Servicing: 0120450011, 0120450012, 0120450016, 0120450017, 0120450018, 0120450019, 0120450020, 0120450021, 0120450022, 0120450023

14 **V**, 80 **Amp**, **ID** 100.50, **OD** 138.10, **OD 2** 129.57, **Height** 23.55, **Terminals** 3



133474 Stator

Replacing: 1125045061, 1124045061

Servicing: 0120488248, 0120488249, 0120489367, 0120489368, 0120489372, 0120489373, 0120489376, 0120489377, 0120489380, 0120489432

14 **V**, 45 **Amp**, **ID** 89.22, **OD** 125.00, **OD 2** 117.30, **Height** 23.52, **Terminals** 3



134565 Stator

Replacing: 1127045127, 1125045195, 1125045193, 1125045144, 1125045127

Servicing: 0120468001, 0120468002, 0120468003, 0120468004, 0120468005, 0120468006, 0120468007, 0120468008, 0120468017, 0120468018

14 **V**, 110 **Amp**, **ID** 103.65, **OD** 141.92, **OD 2** 134.00, **Height** 28.56, **Terminals** 4



135613 Stator

Replacing: 9121064254, 9121064241, 1125045075

Servicing: 0120484002, 0120484003, 0120484004, 0120484005, 0120484006, 0120484007, 0120484008, 0120484009, 0120484010, 0120484013

14 **V**, 85 **Amp**, **ID** 96.63, **OD** 124.90, **OD 2** 119.00, **Height** 25.50, **Terminals** 4



135615# Stator

Replacing: 1125045536, 1125045534, 1125045515, 1125045232, 1125045231, 1125045222, 1125045215, 1125045211

Servicing: 0120485029, 0120485034, 0120485043, 0120485044, 0120485045, 0120485046, 0120485047, 0123310001, 0123310002, 0123310003

14 **V**, 70 **Amp**, **ID** 93.80, **OD** 128.00, **OD 2** 125.00, **Height** 30.10, **Terminals** 6



135616 Stator

Replacing: 1125045571, 1125045327, 1125045326, 1125045317, 1125045307, 1125045306, 1125045173, 1125045172

Servicing: 0120465003, 0120465004, 0120465006, 0120465009, 0120465010, 0120465011, 0120465012, 0120465013, 0120465014, 0120465015

14 **V**, 120 **Amp**, **ID** 104.00, **OD** 145.00, **OD 2** 142.10, **Height** 36.15, **Terminals** 6

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Available while stock last, * Program development.



135617 Stator

Replacing: 1125045557, 1125045551, 1125045310, 1125045174, 1125045147

Servicing: 0120465007, 0120465008, 0120465022, 0120465023, 0123505007, 0123505008, 0123505009, 0123510013, 0123510014, 0123510015

14 **V**, 120 **Amp**, **ID** 103.90, **OD** 145.10, **OD 2** 142.00, **Height** 35.20, **Terminals** 6

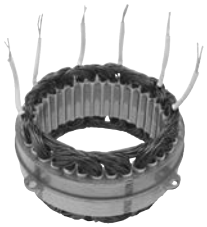


135904 Stator

Replacing: 1125045538, 1125045537, 1125045234, 1125045233, 1125045212, 1124045231

Servicing: 0120485017, 0120485018, 0120485020, 0120485023, 0120485025, 0120485026, 0120485028, 0120485030, 0120485036, 0120485038

14 **V**, 90 **Amp**, **ID** 94.00, **OD** 128.00, **OD 2** 125.00, **Height** 32.00, **Terminals** 6



135990 Stator

Replacing: 1125045214, 1125045213, 1125045093, 1125045092

Servicing: 0120485011, 0120485012, 0120485022, 0123310005, 0123310041, 0123315005, 0123335004, B120411133, B120411189

14 **V**, 70 **Amp**, **ID** 93.50, **OD** 128.00, **OD 2** 124.88, **Height** 33.17, **Terminals** 6



136346 Stator

Replacing: 1125045533, 1125045532, 1125045227, 1125045226, 1125045216

Servicing: 0120485041, 0120485047, 0123310008, 0123310017, 0123310026, 0123310028, 0123310030, 0123315016, 0123315021, 0123315500

14 **V**, 90 **Amp**, **ID** 93.80, **OD** 128.10, **OD 2** 125.20, **Height** 32.60, **Terminals** 6



136373 Stator

Replacing: 1125045530, 1125045513, 1125045511

Servicing: 0123310015, 0123310023, 0123310029, 0123310038, 0123310039, 0123310046, 0123310048, 0123310050, 0123310053, 0123310054

14 **V**, 70 **Amp**, **ID** 93.70, **OD** 127.95, **OD 2** 125.00, **Height** 27.36, **Terminals** 6



136483 Stator

Replacing: 1125043514, 1125043513, 1125043511, 1125043510, 1125043035, 1125043034, 1125034035

Servicing: 0123100001, 0123100002, 0123100003, 0123110005, 0123110006, 0123110008, 0123115012, 0123115013, 0123120001, 9123110005

14 **V**, 70 **Amp**, **ID** 89.10, **OD** 119.00, **OD 2** 116.00, **Height** 32.20, **Terminals** 6



136702 Stator

Replacing: 1125045612, 1125045606, 1125045542, 1125045540, 1125045507, 1125045229

Servicing: 0123310006, 0123310010, 0123310011, 0123310012, 0123310013, 0123310018, 0123310019, 0123310020, 0123310024, 0123310025

14 **V**, 80 **Amp**, **ID** 94.00, **OD** 127.70, **OD 2** 125.00, **Height** 27.25, **Terminals** 6



136825 Stator

Replacing: 1125045141

Servicing: 0120468009, 0120468010, 0120468011, 0120468012, 0120468015, 0120468016, 0120468057, 0120468058, 0120468059, 0120468060

14 **V**, 100 **Amp**, **ID** 103.75, **OD** 141.90, **OD 2** 134.10, **Height** 28.45, **Terminals** 3



136830 Stator

Replacing: 1125045579

Servicing: 0123500007, 0123500008, 0123500009, 0123505001, 0123505002, 0123505003, 0123510043, 0123510062, 0123510063, 0123510064

14 **V**, 120 **Amp**, **ID** 100.00, **OD** 145.00, **OD 2** 142.00, **Height** 28.00, **Terminals** 6



136841 Stator

Replacing: 1125045225

Servicing: 0120484017, 0120484019, 0120484020, 0120484021, 0120484027, 0120484051, 6033GB2009, 9120690506, B120402804, B120402819

14 **V**, 120 **Amp**, **ID** 94.00, **OD** 125.00, **OD 2** 119.00, **Height** 25.50, **Terminals** 4

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136842# Stator

Replacing: 1125043504, 1125043503

Servicing: 0123100001, 0123100002, 0123115012, 0123115013, 9123100002

14 **V**, 55 **Amp**, **ID** 89.55, **OD** 118.88, **OD 2** 116.00, **Height** 32.00, **Terminals** 6



137318 Stator

Replacing: 1125043506, 1125043505, 1125043048

Servicing: 0120335006, 0123105001

14 **V**, 50 **Amp**, **ID** 89.15, **OD** 118.95, **OD 2** 116.10, **Height** 25.29, **Terminals** 6



137344 Stator

Replacing: 1125045143

Servicing: 0120468013, 0120468014, 0120468032, 0120468033, 0120468055, 0120468071, 0120468072, 0120468073, 0120468074, 0120468097

14 **V**, 140 **Amp**, **ID** 103.50, **OD** 141.86, **OD 2** 133.45, **Height** 28.50, **Terminals** 4



137382 Stator

Replacing: 1125045574, 1125045556

Servicing: 0123212001

14 **V**, 90 **Amp**, **ID** 103.84, **OD** 144.90, **OD 2** 142.20, **Height** 28.34, **Terminals** 6



137514 Stator

Replacing: 1125045313, 1124045313

Servicing: 0120465031, 012046503B, 0123515004

14 **V**, 140 **Amp**, **ID** 103.85, **OD** 145.00, **OD 2** 142.10, **Height** 33.75, **Terminals** 6



137534# Stator

Replacing: 1125043502, 1125043501, 1125043039, 1125043038

Servicing: 0120335007, 0123110009

14 **V**, 70 **Amp**, **ID** 89.00, **OD** 119.00, **OD 2** 116.00, **Height** 31.76, **Terminals** 6



138054 Stator

Replacing: 1125045221, 1125045220

Servicing: 0120485048, 0123315013, 0123325010, 9120485048, 9123690001

14 **V**, 50 **Amp**, **ID** 92.50, **OD** 127.80, **OD 2** 125.00, **Height** 31.30, **Terminals** 6



138055 Stator

Replacing: 1125045608, 1125045228

Servicing: 0123325002, 0123325003, 0123325012, 0123325013, 0123325014, 9123325002

14 **V**, 80 **Amp**, **ID** 93.70, **OD** 128.00, **Height** 31.40, **Terminals** 6



138057 Stator

Replacing: 1125045584, 1125045568, 1125045325

Servicing: 0123510004, 0123510018, 0123510021, 0123510060, 0123510074, 0123510075, 0123515500, 0123515501, 0123515502, 0123515503

14 **V**, 143 **Amp**, **ID** 112.05, **OD** 145.12, **OD 2** 142.25, **Height** 35.44, **Terminals** 6



138059 Stator

Replacing: 1125045560, 1125045544, 1125045543, 1125045517

Servicing: 0120320007, 0120320008, 0120320017, 0120320019, 0120320024, 0120320027, 0120320031, 0120320032, 0120320034, 0120320035

14 **V**, 90 **Amp**, **ID** 92.78, **OD** 127.97, **OD 2** 124.90, **Height** 31.64, **Terminals** 6



138060 Stator

Replacing: 1125045588, 1125045555

Servicing: 0123520001, 0123520002, 0123520003, 0123520004, 0123520005, 0123520014, 0123520019, 0123520020, 0123520021, 0123520026

14 **V**, 150 **Amp**, **ID** 112.00, **OD** 144.40, **OD 2** 142.00, **Height** 35.24, **Terminals** 6



138061 Stator

Replacing: 1125045564

Servicing: 0123510028

14 **V**, 120 **Amp**, **ID** 103.30, **OD** 145.00, **OD 2** 141.90, **Height** 33.80, **Terminals** 6

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Available while stock last, * Program development.



138062 Stator

Replacing: 1125045567, 1125045565

Servicing: 0123510023, 0123510038, 0123510039, 0123510044, 0123510049, 0123510050, 0123510051, 0123510058, 0123510059, 0123510066

14 **V**, 120 **Amp**, **ID** 103.57, **OD** 145.12, **OD 2** 141.90, **Height** 33.84, **Terminals** 6



138267 Stator

Replacing: 1125045073

Servicing: 0120484001, 0120484011, 0120484012, 0120484015, 0120484018, 0120484022, 0120484024, 0120484025, 0120484026, 0120484050

14 **V**, 95 **Amp**, **ID** 93.70, **OD** 124.96, **OD 2** 119.32, **Height** 25.50, **Terminals** 4



138998 Stator

Replacing: 1125045305

Servicing: 0123214002, 0123515001, 0123515002, 0123515007, 0123515010, B120510510

14 **V**, 140 **Amp**, **ID** 103.32, **OD** 145.00, **OD 2** 142.00, **Height** 33.81, **Terminals** 6



139010 Stator

Replacing: 1125045573

Servicing: 0123510031, 0123510037, 0123510040, 0123510042, 0123510057, 0123510094, 0123510095, 0123510106, 0123510109, 0123515003

14 **V**, 115 **Amp**, **ID** 103.70, **OD** 145.00, **OD 2** 141.87, **Height** 35.29, **Terminals** 6



139041 Stator

Replacing: 1125043047, 1125043046

Servicing: 0120335012, 0123110004, 9120144103

14 **V**, 70 **Amp**, **ID** 89.59, **OD** 119.43, **OD 2** 116.00, **Height** 29.83, **Terminals** 6



139042 Stator

Replacing: 1125045580

Servicing: 0123510033, 0123510041, 0123510045, 0123510061, 0123510070, 0123510071, 0123510088, 0123510091, 0123510092, 0123515012

14 **V**, 120 **Amp**, **ID** 102.50, **OD** 145.10, **OD 2** 141.95, **Height** 33.45, **Terminals** 6



139170# Stator

Replacing: 1125045309

Servicing: 0120450026, 0120450027, 0120450028, 0120450029, 0120450031, B120501014, B120501015, B120501016

14 **V**, 120 **Amp**, **ID** 100.90, **OD** 138.10, **OD 2** 129.30, **Height** 23.50, **Terminals** 4



139300 Stator

Replacing: 1125045619, 1125045583, 1125045582, 1125045503, 1125045224, 1125045223, 1124045223

Servicing: 0120315004, 0123315004, 0123315008, 0123315015, 0123315017, 0123315018, 0123315019, 9123315019, F010LD0201

14 **V**, 85 **Amp**, **ID** 93.50, **OD** 128.00, **OD 2** 125.00, **Height** 31.55, **Terminals** 6



139920 Stator

Replacing: f00m130106, f00m130101

Servicing: 0120000017, 0124515010, 0124515011, 0124515012, 0124515013, 0124515017, 0124515018, 0124515019, 012451501A, 0124515020

14 **V**, 120 **Amp**, **ID** 103.42, **OD** 148.43, **OD 2** 135.90, **Height** 32.38, **Terminals** 6



139941 Stator

Replacing: 1125045514, 1125045510

Servicing: 0123320014, 0123320036, 0123320037, 0123320050, 0123320063, 0123320067, 0123325006, 1123325006

14 **V**, 90 **Amp**, **ID** 93.70, **OD** 127.96, **OD 2** 124.82, **Height** 31.96, **Terminals** 6



230123# Stator

Replacing: 1125045623, 1125045509

Servicing: 0123315007, 0123315020

14 **V**, 70 **Amp**, **ID** 93.65, **OD** 127.90, **OD 2** 125.00, **Height** 28.30, **Terminals** 6



230181 Stator

Replacing: f00m120107, f00m120102

Servicing: 0124315028, 0124325001, 0124325002, 0124325003, 0124325004, 0124325014, 0124325018, 0124325021, 0124325022, 0124325023

14 **V**, 90 **Amp**, **ID** 93.85, **OD** 132.90, **OD 2** 125.43, **Height** 30.95, **Terminals** 6

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#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



230183 Stator

Replacing: 1125045587

Servicing: 0120000016, 0120000036, 0123510068, 0123510079, 0123510081, 0123510100, 0123510101, 0123510102

14 **V**, 115 **Amp**, **ID** 103.57, **OD** 144.85, **OD 2** 141.90, **Height** 33.69, **Terminals** 6



230234# Stator

Replacing: 1125045594

Servicing: 0123510082, 0123510107, 0123510108

14 **V**, 115 **Amp**, **ID** 103.76, **OD** 144.96, **OD 2** 142.12, **Height** 34.27, **Terminals** 6



230563 Stator

Replacing: 1125045577, 1125045561, 1125045527

Servicing: 0123325004, 0123505013, 0123510006, 0123510007, 0123510026, 0123510027, 0123510032, 0123510034, 0123515016, 0123515017

14 **V**, 120 **Amp**, **ID** 103.70, **OD** 144.86, **OD 2** 141.93, **Height** 35.29, **Terminals** 6



230620 Stator

Replacing: f00m120104

Servicing: 01240AD39A, 01240AD39B, 0124315015, 0124315040, 0124325006, 0124325007, 0124325011, 0124325012, 0124325013, 0124325015

14 **V**, 90 **Amp**, **ID** 93.45, **OD** 132.93, **OD 2** 125.22, **Height** 31.35, **Terminals** 6



230621 Stator

Replacing: f00m120106

Servicing: 0124315001, 0124315002, 0124315003, 0124315006, 0124315011, 0124315012, 0124315018, 0124315020, 0124315021, 0124315022

14 **V**, 70 **Amp**, **ID** 93.76, **OD** 132.94, **OD 2** 124.93, **Height** 26.88, **Terminals** 6



230700 Stator

Replacing: f00m120108

Servicing: 0124320001, 0124325010, 0124325039, 0124325046, 0124325052, 0124325077, 0124325093, 0124325105, 0124325169, 0124325170

14 **V**, 90 **Amp**, **ID** 93.50, **OD** 132.93, **OD 2** 124.90, **Height** 30.80, **Terminals** 6



230736 Stator

Replacing: f00m120100

Servicing: 0124415001, 0124415002, 0124415005, 0124415008, 0124415010, 0124415023, 0124415028

14 **V**, 100 **Amp**, **ID** 99.10, **OD** 136.70, **OD 2** 129.00, **Height** 34.66, **Terminals** 6



230776 Stator

Replacing: f00m120110

Servicing: 0124315004, 0124315005, 0124315007, 0124315008, 012431500E, 0124315013, 0124315036, 0124315037, 0124315039

14 **V**, 70 **Amp**, **ID** 93.60, **OD** 132.95, **OD 2** 124.89, **Height** 27.20, **Terminals** 6



230971 Stator

Replacing: f00m110110

Servicing: 0124225010, 0124225011, 0124225020, 0124225037, 0124225062

14 **V**, 75 **Amp**, **ID** 89.25, **OD** 123.93, **OD 2** 116.13, **Height** 31.28, **Terminals** 6



230981 Stator

Replacing: 9121064250

Servicing: 0120488297, 9120060023, 9120060027

14 **V**, 37 **Amp**, **ID** 93.86, **OD** 125.00, **OD 2** 118.60, **Height** 25.50, **Terminals** 3



231255 Stator

Replacing: f00m120109

Servicing: 0124415004, 0124415006

14 **V**, 105 **Amp**, **ID** 98.58, **OD** 136.90, **OD 2** 129.00, **Height** 34.76, **Terminals** 6



231713 Stator

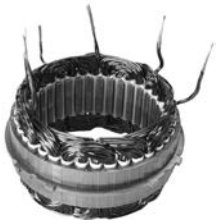
Replacing: f00m130102

Servicing: 0124515004, 0124515005, 0124515006, 0124515008, 0124515023, 0124515031, 0124515032, 0124515043, 0124515049, 0124515051

14 **V**, 120 **Amp**, **ID** 104.00, **OD** 136.00, **OD 2** 136.00, **Height** 33.50, **Terminals** 6

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Available while stock last, * Program development.



231759 Stator

Replacing: f00m110101

Servicing: 0124215001, 0124215002, 0124215003, 0124215004, 0124215005, 0124215006, 0124215007, 0124215008, 0124215009, 0124220002

14 **V**, 85 **Amp**, **ID** 89.17, **OD** 123.97, **OD 2** 116.25, **Height** 30.45, **Terminals** 6



231799 Stator

Replacing: 1125045589

Servicing: 0123512500, 0123512501, 0123512502

14 **V**, 115 **Amp**, **ID** 103.72, **OD** 144.83, **OD 2** 141.92, **Height** 35.28, **Terminals** 6



233470 Stator

Replacing: f00m130105

Servicing: 0124615002, 0124615007, 0124615008, 0124615027

14 **V**, 150 **Amp**, **ID** 111.70, **OD** 142.00, **OD 2** 142.00, **Height** 36.00, **Terminals** 6



233473# Stator

Replacing: 1125045653

Servicing: 0123520023, 0123520025

14 **V**, 150 **Amp**, **ID** 111.30, **OD** 144.90, **OD 2** 142.00, **Height** 35.60, **Terminals** 6



233557 Stator

Replacing: f00m120120, f00m120111

Servicing: 0124315016, 0124315019, 0124315024, 0124315025, 0124315027, 0124315029, 0124325009, 0124325054, 0124325055, 0124325058

14 **V**, 80/100 **Amp**, **ID** 93.50, **OD** 124.90, **Height** 33.20, **Terminals** 6



233562 Stator

Replacing: f00m120114

Servicing: 0124415011, 0124415012, 0124415015, 0124415037

14 **V**, 90/105 **Amp**, **ID** 99.00, **OD** 129.00, **OD 2** 129.00, **Height** 33.50, **Terminals** 6



233763 Stator

Replacing: 1125045581

Servicing: 0123505018, 0123510046, 0123510047, 0123510053, 0123510054, 0123510056, 0123510065, 0123510099, 0123515016, 0123515018

14 **V**, 120 **Amp**, **ID** 103.52, **OD** 144.92, **OD 2** 141.95, **Height** 33.98, **Terminals** 6



233926 Stator

Replacing: 1125045570, 1125045566, 1125045323, 1125045321

Servicing: 0123505001, 0123505004, 0123510003, 0123510020, 0123510052, B120510214

14 **V**, 120 **Amp**, **ID** 102.70, **OD** 144.95, **OD 2** 141.97, **Height** 28.00, **Terminals** 6



234364 Stator

Replacing: f00m120121

Servicing: 0124415009, 0124415016, 0124415025, 0124415026, 0124415029, 0124415030, 0124415031, 0124415032

14 **V**, 100 **Amp**, **ID** 98.60, **OD** 136.90, **OD 2** 129.00, **Height** 33.00, **Terminals** 6



234528 Stator

Replacing: f00m120103

Servicing: 0124415007, 0124415013, 0124415014, 0124415038, 0124415040, 0124415041, 0124415043, 0124415045, 0124415046, 0124415047

14 **V**, 90 **Amp**, **ID** 97.50, **OD** 136.80, **OD 2** 129.00, **Height** 33.40, **Terminals** 6



234547 Stator

Replacing: 1125045525

Servicing: 0123310033, 0123310051, 0123310052

14 **V**, 70 **Amp**, **ID** 93.89, **OD** 128.15, **OD 2** 125.10, **Height** 33.60, **Terminals** 6



234780 Stator

Replacing: f00m130104

Servicing: 0124515022, 0124515039, 0124515068, 0124515087, 0124515090, 0124515101

14 **V**, 120 **Amp**, **ID** 104.00, **OD** 136.00, **OD 2** 136.00, **Height** 32.70, **Terminals** 6

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234781 Stator

Replacing: f00m120105

Servicing: 0124320002

14 **V**, 90 **Amp**, **ID** 94.00, **OD** 125.00, **OD 2** 124.75, **Height** 31.10, **Terminals** 6



234784 Stator

Replacing: f00m130103

Servicing: 0124515024, 0124515025, 0124515027, 0124515028, 0124515030, 0124515034, 0124515040, 0124515058

14 **V**, 120 **Amp**, **ID** 103.00, **OD** 136.00, **OD 2** 136.00, **Height** 33.00, **Terminals** 6



234834# Stator

Replacing: 1125045026, 1125045020, 1125045011

Servicing: 0120400702, 0120400703, 0120400750, 0120400751, 0120400752, 0120400753, 0120400767, 0120400768, 0120400786, 0120400787

14 **V**, 45 **Amp**, **ID** 89.50, **OD** 125.00, **OD 2** 119.17, **Height** 17.27, **Terminals** 3



234964 Stator

Replacing: F00M120127

Servicing: 0124325053, 0124325083, 0124325087, 0124325091, 0124325092, 0124325096, 0124325099, 0124325116, 0124325129, 0124325130

14 **V**, 120 **Amp**, **ID** 93.50, **OD** 132.90, **OD 2** 125.30, **Height** 31.00, **Terminals** 6



235220 Stator

Replacing: f00m120125

Servicing: 0124325044, 0124325047, 0124325050, 0124325051, 0124325056, 0124325057, 0124325081, 0124325090, 0124325095, 0124325106

14 **V**, 110 **Amp**, **ID** 93.80, **OD** 132.95, **OD 2** 125.27, **Height** 31.57, **Terminals** 6



235231# Stator

Replacing: 1125045023

Servicing: 0120400634, 0120400635, 0120400643, 0120400644, 0120400647, 0120400648, 0120400652, 0120400672, 0120400679, 0120400680

14 **V**, 55 **Amp**, **ID** 89.30, **OD** 124.88, **OD 2** 117.00, **Height** 22.95, **Terminals** 3



235516 Stator

Replacing: F00M130136

Servicing: 0124525017, 0124525034, 0124525035, 0124525058, 0124525063, 0124525086, 0124525126, 0124525206, 0124525526

14 **V**, 150 **Amp**, **ID** 104.00, **OD** 136.00, **Height** 33.00, **Terminals** 6



235530 Stator

Replacing: f00m130100

Servicing: 0120000030, 0120000035, 0124515001, 0124515015, 0124515041, 0124515042, 0124515045, 0124515046, 0124515047, 0124515048

14 **V**, 120 **Amp**, **ID** 104.00, **OD** 143.89, **OD 2** 135.86, **Height** 32.90, **Terminals** 6



235552 Stator

Replacing: F00M130126

Servicing: 0124625002, 0124625014, 0124625015, 0124625017, 0124625019, 0124625033, 0124625045

14 **V**, 200 **Amp**, **ID** 112.00, **OD** 145.00, **Height** 35.00, **Terminals** 6



235580 Stator

Replacing: F00M120126

Servicing: 0124325059, 0124325100, 0124325146

14 **V**, 110 **Amp**, **ID** 94.00, **OD** 125.20, **Height** 32.00, **Terminals** 6



235582 Stator

Replacing: F00M130129

Servicing: 0124525008, 0124525010, 0124525039, 0124525050, 0124525066, 0124525067, 0124525520

14 **V**, 140 **Amp**, **ID** 103.40, **OD** 143.75, **OD 2** 136.27, **Height** 32.60, **Terminals** 6



236523 Stator

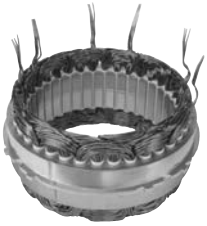
Replacing: F00M130138

Servicing: 0124615012, 0124615013, 0124615014, 0124615020, 0124615024, 0124615029, 0124615044, 0124615046, 0124615047, 0124615048

14 **V**, 150 **Amp**, **ID** 111.60, **OD** 149.94, **OD 2** 142.30, **Height** 35.00, **Terminals** 6

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Available while stock last, * Program development.



236787 Stator

Replacing: F00M130131

Servicing: 0124625001, 0124625003, 0124625013, 0124625018, 0124625024, 0124625025, 0124625026, 0124625028, 0124625062, 0124625071

14 **V**, 190 **Amp**, **ID** 112.20, **OD** 145.00, **OD 2** 145.00, **Height** 35.00, **Terminals** 6



330114 Stator

Replacing: F00M349949, F00M310103, F00M310101

Servicing: 0120000007, 0120000024, 0120000025, 0120000026, 0120000029, 0121615001, 0121615002, 0121615003, 0121615005, 0121615006

14 **V**, 150 **Amp**, **ID** 101.70, **OD** 137.37, **OD 2** 131.54, **Height** 33.98, **Terminals** 3



330501 Stator

Replacing: f00m130107

Servicing: 0124510001, 0124515044, 0124515113, 0124515120

14 **V**, 120 **Amp**, **ID** 103.70, **OD** 143.75, **OD 2** 136.20, **Height** 32.90, **Terminals** 6

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333385* Stator

Replacing: F00M130149

Servicing: 0124525087

14 **V**, **Terminals** 3

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28 Volt



130102 Stator

Replacing: 1125045018, 1125045013, 1125045008, 1125045006, 1125045005, 1125045004

Servicing: 0120400640, 0120400641, 0120400642, 0120400664, 0120400666, 0120400673, 0120400674, 0120400685, 0120400688, 0120400689

28 **V**, 27 **Amp**, **ID** 89.00, **OD** 125.00, **OD 2** 117.00, **Height** 17.10, **Terminals** 3



130105 Stator

Replacing: 1125045209, 1125045057, 1125045045, 1125045029, 1125045028, 1124045028

Servicing: 0120400632, 0120400708, 0120400720, 0120400835, 0120400887, 0120400905, 0120400907, 0120488153, 0120488208, 0120488232

28 **V**, 45 **Amp**, **ID** 89.45, **OD** 125.00, **OD 2** 117.00, **Height** 23.55, **Terminals** 3



130106 Stator

Replacing: 1125045090, 1125045047, 1125045024, 1125045019, 1124229026, 1124045024, 1124045019

Servicing: 0120400617, 0120400683, 0120400695, 0120400696, 0120400708, 0120400720, 0120400760, 0120400761, 0120400762, 0120400763

28 **V**, 35 **Amp**, **ID** 89.40, **OD** 125.00, **OD 2** 118.00, **Height** 23.50, **Terminals** 3



131045 Stator

Replacing: 1125045203, 1125045178, 1125045132, 1125045128, 1125045107, 1125045105, 1124045132

Servicing: 0120469001, 0120469008, 0120469010, 0120469014, 0120469018, 0120469019, 0120469022, 0120469023, 0120469024, 0120469025

28 **V**, 55 **Amp**, **ID** 101.05, **OD** 138.00, **OD 2** 130.00, **Height** 23.64, **Terminals** 4



131126 Stator

Replacing: 1125045002, 1125045001

Servicing: 0120400633, 0120400636, 0120400667, 0120400668, 0120400683, 0120400684, 0120400754, 0120400755, 0120400785, 0120400796

28 **V**, 35 **Amp**, **ID** 89.30, **OD** 125.10, **OD 2** 117.15, **Height** 23.50, **Terminals** 3



131457 Stator

Replacing: 1125045056

Servicing: 0120489023, 0120489727, 0120489728, 0123310032, 0123310035, 0123525001, 9120690079, 9121699046, B120421476, B120421477

28 **V**, 27 **Amp**, **ID** 88.90, **OD** 125.00, **Height** 17.90, **Terminals** 3



132352 Stator

Replacing: 1125045044

Servicing: 0120488224, 0120488268, 0120489023, 0120489033, 0120489034, 0120489035, 0120489055, 0120489388, 0120489410, 0120489411

28 **V**, 27 **Amp**, **ID** 89.40, **OD** 125.00, **OD 2** 118.60, **Height** 17.00, **Terminals** 3

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#Available while stock last, * Program development.

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133846 Stator

Replacing: 1125045084, 1125045059

Servicing: 0120400728, 0120488135, 0120488136, 0120488137, 0120488153, 0120488252, 0120488253, 0120488256, 0120488269, 0120488270

28 **V**, 30 **Amp**, **ID** 89.10, **OD** 124.84, **OD 2** 117.63, **Height** 23.50, **Terminals** 3



134731 Stator

Replacing: 1125047003, 1125047001

Servicing: 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689512, 0120689514, 0120689515

28 **V**, 95 **Amp**, **ID** 125.33, **OD** 166.00, **OD 2** 157.50, **Height** 44.05, **Terminals** 4



135998 Stator

Replacing: 1125047005, 1125047004

Servicing: 0120689506, 0120689511, 0120689513, 0120689517, 0120689518, 0120689520, 0120689522, 0120689526, 0120689527, 0120689528

28 **V**, 120 **Amp**, **ID** 125.80, **OD** 166.10, **OD 2** 157.75, **Height** 44.10, **Terminals** 3



136037 Stator

Replacing: 9121456090, 1125045197, 1125045167, 1125045165, 1125045152

Servicing: 0120468037, 0120468053, 0120468065, 0120468093, 0120468094, 0120468107, 0120468113, 0120468114, 0120468116, 0120468117

28 **V**, 80 **Amp**, **ID** 103.80, **OD** 142.10, **OD 2** 135.65, **Height** 29.10, **Terminals** 4



136463 Stator

Replacing: 2125007022

Servicing: 0120689519, 0120689529, 0120689536, 0120689537, 0120689544, 0120689547, 0120689554, 0120689556, 0120689560, 0120689589

28 **V**, 180 **Amp**, **ID** 125.50, **OD** 193.00, **OD 2** 166.00, **Height** 118.00, **Terminals** 6



136588 Stator

Replacing: 1125045168

Servicing: 0120468066, B120500490

28 **V**, 100 **Amp**, **ID** 104.10, **OD** 141.70, **OD 2** 134.50, **Height** 28.25, **Terminals** 4



137285 Stator

Replacing: 6033gd3024, 1125045318

Servicing: 0120468131, 0120468132, 6033G3057B, 6033G3058B, 6033G3060B, 6033GB3033, 6033GB3034, 6033GB3035, 6033GB3036

28 **V**, 70 **Amp**, **ID** 103.50, **OD** 141.70, **OD 2** 134.19, **Height** 28.88, **Terminals** 4



231589 Stator

Replacing: 9121334136

Servicing: 0120468143, 0120468145, 0120469119, 0120469120, 6033G3081B, 6033G3082B, 6033GB3010, 6033GB3023, 6033GB3083

28 **V**, 100 **Amp**, **ID** 102.88, **OD** 141.95, **OD 2** 134.80, **Height** 33.50, **Terminals** 4



234356 Stator

Replacing: 1125045597

Servicing: 0123525500, 0123525502, 0123525503, 1123525500, 1123525502, 1123525503

28 **V**, 90 **Amp**, **ID** 111.75, **OD** 145.00, **OD 2** 142.00, **Height** 34.80, **Terminals** 6



234524 Stator

Replacing: 1125045652

Servicing: 0123525501, 0123525504

28 **V**, 90 **Amp**, **ID** 111.76, **OD** 145.00, **OD 2** 142.10, **Height** 35.52, **Terminals** 6



234907 Stator

Replacing: 1125045153

Servicing: 0120468054, 0120468147, B120500603

28 **V**, 65 **Amp**, **ID** 103.60, **OD** 142.00, **Height** 28.28, **Terminals** 4



235055 Stator

Replacing: F00MA47719, F00M130112

Servicing: 0124555001, 0124555002, 0124555003, 0124555004, 0124555007, 0124555008, 0124555011, 0124555012, 0124555013, 0124555014

28 **V**, 80 **Amp**, **ID** 104.00, **OD** 136.00, **OD 2** 135.75, **Height** 33.50, **Terminals** 6

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Available while stock last, * Program development.



235056 Stator

Replacing: F00M147632, F00M130114

Servicing: 0120000019, 0124555005, 0124555009, 0124555010, 0124555017, 0124555020, 0124555023, 0124555027, 0124555028, 0124555036

28 **V**, 70 **Amp**, **ID** 103.60, **OD** 143.95, **OD 2** 136.10, **Height** 33.00, **Terminals** 6



235321 Stator

Replacing: 1125045617, 1125045614

Servicing: 0123325500

28 **V**, 55 **Amp**, **ID** 94.00, **OD** 125.00, **Height** 32.00, **Terminals** 6

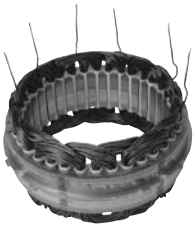


235352 Stator

Replacing: 1125045088

Servicing: 0120488206, 0120488294, B120402592

28 **V**, 45 **Amp**, **ID** 89.32, **OD** 125.00, **OD 2** 117.40, **Height** 23.90, **Terminals** 3



235756 Stator

Replacing: F00M130113

Servicing: 0124655001, 0124655002, 0124655003, 0124655004, 0124655005, 0124655007, 0124655009, 0124655014, 0124655016, 0124655023

28 **V**, 100 **Amp**, **ID** 111.87, **OD** 142.00, **Height** 35.49, **Terminals** 6



238953 Stator

Replacing: 1125047007, 0125047007

Servicing: 0120389567, 0120689511, 0120689513, 0120689518, 0120689520, 0120689522, 0120689526, 0120689527, 0120689528, 0120689530

28 **V**, 140 **Amp**, **ID** 124.97, **OD** 165.89, **OD 2** 157.88, **Height** 44.10, **Terminals** 3



330824 Stator

Replacing: F00M147628, f00m130150

Servicing: 0124655021, 0124655024, 0124655025, 0124655066, 0124655077, 0124655078, 0124655079, 0124655085, 0124655086, 0124655087

28 **V**, 120 **Amp**, **ID** 112.20, **OD** 145.30, **Height** 36.00, **Terminals** 6



333585 5★ Stator

Manufacturer: Bosch

Replacing: F00MA47719, F00M130112

Servicing: 0124555018, 0124555068

28 **V**, 80 **Amp**, **ID** 104.00, **OD** 136.00, **Height** 33.00, **Terminals** 6

Alternative no.: 235055

Brackets

D.E. Brackets



132210 D.E. Bracket

Replacing: 1125824150, 1125824122, 1125824084, 1125824048

Servicing: 0120400617, 0120400667, 0120400668, 0120400677, 0120400678, 0120400704, 0120400705, 0120400706, 0120400755, 0120400797

Bearing: HC-CARGO 142269.



132213 D.E. Bracket

Replacing: 1125824439, 1125824438, 1125824363, 1125824237, 1125824148

Servicing: 0120400758, 0120400759, 0120400808, 0120400809, 0120400852, 0120400853, 0120400860, 0120400861, 0120400872, 0120400873

Bearing: HC-CARGO 142269.



133898 D.E. Bracket

Replacing: 1125824553, 1125824418

Servicing: 0120488196, 0120488197, 0120488236, 0120488239, 0120488241, 0120488263, 0120488264, 0120488265, 0120489200, 0120489201

Bearing: HC-CARGO 142269.



133900 D.E. Bracket

Replacing: 1125825031

Servicing: 0120469507, 0120469522, 0120469523, B120421871, B120421872, B120427872

Bearing: HC-CARGO 142270.



133901 D.E. Bracket

Replacing: 1125824528, 1125824399, 1125824373

Servicing: 0120484004, 0120484005, 0120484006, 0120484010, 0120484013, 0120484014, 0120489025, 0120489026, 0120489078, 0120489079

Bearing: HC-CARGO 142270.

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133902 D.E. Bracket

Replacing: 1125824550, 1125824415

Servicing: 0120489198, 0120489199, 0120489228, 0120489229, 0120489235, 0120489236, 0120489246, 0120489247, 0120489362, 0120489363

Bearing: HC-CARGO 142269.



133906 D.E. Bracket

Replacing: 1125824609, 1125824581, 1125824580, 1125824178

Servicing: 0120400827, 0120400828, 0120400833, 0120400834, 0120484019, 0120488158, 0120488159, 0120488217, 0120488218, 0120488267

Bearing: HC-CARGO 142269.



134022 D.E. Bracket

Replacing: 1125824612

Servicing: 0120488162, 0120488163, 0120488174, 0120488175, 0120488203, 0120489120, 0120489121, 0120489122, 0120489123, 0120489124

Bearing: HC-CARGO 142269.



134082 D.E. Bracket

Replacing: 1125824583, 1125824314

Servicing: 0120489027, 0120489192, 0120489387, 0120489702, 9120080134, 9120144111, 9120144114, 9120144118, 9120144119, B120402006

Bearing: HC-CARGO 142270.



134118 D.E. Bracket

Replacing: 1125824124, 1125824123

Servicing: 0120400669, 0120400670, 0120400724, 0120400733, 0120400744, 0120400745, 0120489008, 0120489009, 0120489010, 0120489011

Bearing: HC-CARGO 142270.



134124 D.E. Bracket

Replacing: 1125824436, 1125824354

Servicing: 0120400704, 0120400705, 0120400806, 0120400807, 0120400810, 0120400814, 0120400866, 0120400867, 0120421142, 0120421401

Bearing: HC-CARGO 142269.



134126 D.E. Bracket

Replacing: 1125824432

Servicing: 0120400728, 0120488256, 0120488277, 0120488278, 0120488282, 0120488291, 0120489315, 0120489316, B120402619, B120402667

Bearing: HC-CARGO 140569. Mounting bushing: HC-CARGO 233569.



134128 D.E. Bracket

Replacing: 1125825218, 1125825156, 1125825019, 1125824218

Servicing: 0120469524, 0120469525, 0120469544, 0120469579, 0120469580, 0120469583, 0120469584, 0120469752, 0120469753, 0120469772

Bearing: HC-CARGO 142270.



134137 D.E. Bracket

Replacing: 1125825128, 1125825009

Servicing: 0120469019, 0120469025, 0120469036, 0120469039, 0120469040, 0120469041, 0120469103, 0120469506, 0120469509, 0120469512

Bearing: HC-CARGO 140176.



134303 D.E. Bracket

Replacing: 1125824593, 1125824212

Servicing: 0120400858, 0120400859, 0120489033, 0120489034, 0120489035, 0120489055, 0120489061, 0120489388, 0120489469, 0120489470

Bearing: HC-CARGO 142270.



134312 D.E. Bracket

Replacing: 1125824430, 1125824298

Servicing: 0120489060, 0120489303, 0120489643, 9120080088, 9120080114, 9129080088, B120402020, B120402269, B120421351, B120427028

Bearing: HC-CARGO 142270.



134313 D.E. Bracket

Replacing: 1125824317

Servicing: 0120489723, 0120489724, 0120489727, 0120489728, 9120690079, B120421472, B120421473, B120421476, B120421477

Bearing: HC-CARGO 140569. Mounting bushing: HC-CARGO 233569.

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.



134321[#] D.E. Bracket

Replacing: 9121145824

Servicing: 9120144279, 9120144280

Bearing: HC-CARGO 142270.



134335 D.E. Bracket

Replacing: 1125824382

Servicing: 0120488271, 0120489944, B120402640, B120427051

Bearing: HC-CARGO 140176. Mounting bushing: HC-CARGO 233569.



134336 D.E. Bracket

Replacing: 1125824705, 1125824685, 1125824624, 1125824336

Servicing: 0120484023, 0120488140, 0120488141, 0120488188, 0120488207, 0120488222, 0120488223, 0120488235, 0120488275, 0120488276

Bearing: HC-CARGO 142270.



134397 D.E. Bracket

Replacing: 1125823007

Servicing: 0120300532, 0120300533, 0120300552, 0120300563, 0120300564, 0120300579, 0120339514, 0120339526, 0120339531, 0120339538

Bearing: HC-CARGO 142269.



134398 D.E. Bracket

Replacing: 1125823060

Servicing: 0120300568, 0120300569, 0120339515, 0120339516, 0120339523, 0120339527, 0120339528, B120321028

Bearing: HC-CARGO 142269.



134443 D.E. Bracket

Replacing: 1125824545, 1125824366

Servicing: 0120489016, 0120489017, 0120489077, 0120489081, 0120489262, 0120489283, 0120489425, 0120489427, 0120489428, 0120489429

Bearing: HC-CARGO 142269.



134529 D.E. Bracket

Replacing: 1125824538

Servicing: 0120489331, 0120489332, 0120489333

Bearing: HC-CARGO 142270.



134534 D.E. Bracket

Replacing: 1125824247

Servicing: 0120400836, 0120400837, 0120400862, 0120400863, 0120489565, 0120489566, 0120489583, 0120489584, 9120080061, F000LD0108

Bearing: HC-CARGO 142269.



134535[#] D.E. Bracket

Replacing: 1125824452

Servicing: 0120489360, 0120489361, B120402026

Bearing: HC-CARGO 142269.



134636 D.E. Bracket

Replacing: 1125825262, 1125825177, 1125825176, 1125825079, 1125825078, 1125825049, 1125824049

Servicing: 0120469002, 0120469581, 0120469582, 0120469586, 0120469587, 0120469600, 0120469601, 0120469602, 0120469603, 0120469604

Bearing: HC-CARGO 142270.



134638 D.E. Bracket

Replacing: 1125824371, 1125824369, 1125824368

Servicing: 0120488137, 0120488268, 0120488269, 0120488270, 0120489226, 0120489227, 0120489885, 0120489886, B120402505, B120402810

Bearing: HC-CARGO 142270. Mounting bushing: HC-CARGO 233569.



134678 D.E. Bracket

Replacing: 1125824292

Servicing: 0120400943, 0120488194, 0120488195, 0120488252, 0120488253, 0120488266, 0120488288, 0120489018, 0120489106, 0120489107

Bearing: HC-CARGO 142270.

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[#]Available while stock last, ***** Program development.

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134706 D.E. Bracket

Replacing: 1125825355, 1125825229

Servicing: 0120469920, B120500629

Bearing: HC-CARGO 140263.



134865 D.E. Bracket

Replacing: 1125825023

Servicing: 0120469024, 0120469038, 0120469527, 0120469562, 0120469592, 0120469691, 0120469692, 0120469761, 0120469891, 0120469983

Bearing: HC-CARGO 140176.



134872 D.E. Bracket

Replacing: 1125825036

Servicing: 0120469010, 0120469022, 0120469023, 0120469026, 0120469027, 0120469031, 0120469037, 0120469048, 0120469549, 0120469634

Bearing: HC-CARGO 142270.



134874 D.E. Bracket

Replacing: 1125824350

Servicing: 0120400938, 0120400939, 0120400941, 0120400942, 0120488114, 0120488153, 0120488185, 0120488209, 0120488234, 0120488257

Bearing: HC-CARGO 142270.



134900 D.E. Bracket

Replacing: 1125824554, 1125824419

Servicing: 0120488198, 0120488199, 0120488226, 0120488227, 0120488237, 0120488238, 0120488240, 0120488272, 0120489202, 0120489203

Bearing: HC-CARGO 142269.



135156 D.E. Bracket

Replacing: 1125825104

Servicing: 0120469014, 0120469749, 0120469798, 6033G3014B, 6033GB3014, B120427982, B120500450

Bearing: HC-CARGO 142270.



135159 D.E. Bracket

Replacing: 1125824284

Servicing: 0120489002, 0120489003, 0120489004, 0120489005, 0120489006, 0120489007, 0120489057, 0120489058, 0120489063, 0120489080

Bearing: HC-CARGO 142269.



135160 D.E. Bracket

Replacing: 1125824535, 1125824534, 1125824441

Servicing: 0120488132, 0120488133, 0120488135, 0120488136, 0120489323, 0120489324, 0120489325, 0120489326, 0120489327, 0120489328

Bearing: HC-CARGO 140263.



135555 D.E. Bracket

Replacing: 1125824590, 1125824524, 1125824348, 1125824141

Servicing: 0120400722, 0120400723, 0120484021, 0120488022, 0120488138, 0120488224, 0120488292, 0120489022, 0120489023, 0120489294

Bearing: HC-CARGO 142270.



135612 D.E. Bracket

Replacing: 1125824551, 1125824416

Servicing: 0120489185, 0120489195, 0120489196, 0120489197, 0120489248, 0120489249, 0120489282, 0120489364, 0120489365, 0120489366

Bearing: HC-CARGO 142269.



135778 D.E. Bracket

Replacing: 1125825047

Servicing: 0120469008, 0120469585, B120421984, B120501032

Bearing: HC-CARGO 140176.



135779 D.E. Bracket

Replacing: 1125824613

Servicing: 0120488100, 0120488101, 0120488162, 0120488168, 0120488169, 0120488172, 0120488173, 0120488186, 0120488187, 0120488192

Bearing: HC-CARGO 142269.

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135810 D.E. Bracket

Replacing: 1125823085

Servicing: 0120335007, 0123110009

Mounting bushing: HC-CARGO 139592.
Bearing: HC-CARGO 142270.



135898 D.E. Bracket

Replacing: 1125825273, 1125825096, 1125825043

Servicing: 0120469569, 0120469643, 0120469693, 0120469762, 0120469763, 0120469807, 0120469900, 0120469959, 0120469960, B120421896

Bearing: HC-CARGO 142270.



135908 D.E. Bracket

Replacing: 1125825279, 1125825098

Servicing: 0120469021, 0120469715, 0120469716, 0120469717, 0120469718, 0120469719, 0120469722, 0120469723, 0120469724, 0120469725

Bearing: HC-CARGO 142270.



135934 D.E. Bracket

Replacing: 1125824610

Servicing: 0120488164, 0120488165, 0120488190, 0120488191, 0120488255, 0120489339, 0120489340, B120402549, B120402587, B120402714

Bearing: HC-CARGO 142269.



135947 D.E. Bracket

Replacing: 9121145804

Servicing: 0120488000, 0120488001, 0120488006, 0120488007, 0120488008, 0120488009, 0120488012

Bearing: HC-CARGO 142270.



135965 D.E. Bracket

Replacing: 9121140470

Servicing: 0120489181, 0120489182, 0120489393, 0120489394, 0120489998, 0120489999, 9120144017, 9120144018, 9120144035, 9120144218

Bearing: HC-CARGO 142269.



135986 D.E. Bracket

Replacing: 1125825347, 1125825327

Servicing: 0120465009, 0120465010, 0120465011, 0120465020, 0120465021, 0120465026, 0120465027, 0120465028, 0123505005, 0123505010

Bearing: HC-CARGO 142270.



135987 D.E. Bracket

Replacing: 1125825115

Servicing: 0120469784, 0120469785, 0120469786, 0120469787, 0120469788, 0120469789, 0120469793, 0120469992, 0120469993, 0120469996

Bearing: HC-CARGO 142270.



135988 D.E. Bracket

Replacing: 1125825069

Servicing: 0120469034, 0120469035, 0120469100, 0120469107, 0120469108, 0120469109, 0120469110, 0120469111, 0120469112, 0120469113

Bearing: HC-CARGO 142270.



135991[#] D.E. Bracket

Replacing: 1125824953, 1125824671, 1125824601

Servicing: 0120485015, 0123310016

Bearing: HC-CARGO 142270.



136001 D.E. Bracket

Replacing: 1125827003

Servicing: 0120689503, 0120689508, 0120689512, 0120689513, B120623032, B120623057

Bearing: HC-CARGO 140644.



136002 D.E. Bracket

Replacing: 1125827013

Servicing: 0120389567, 0120689520, 0120689522, 0120689527, 0120689530, 0120689533, 0120689534, 0120689535, 0120689540, 0120689541

Bearing: HC-CARGO 142315.

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136029 D.E. Bracket

Replacing: 1125825170, 1125825130

Servicing: 0120468017, 0120468018, 0120468022, 0120468023, 0120468024, 0120468025, 0120468026, 0120468027, 0120468034, 0120468044

Bearing: HC-CARGO 142270.



136124 D.E. Bracket

Replacing: 1125825217, 1125825081, 1125825055, 1125825051

Servicing: 0120469588, 0120469589, 0120469590, 0120469591, 0120469611, 0120469620, 0120469642, 0120469644, 0120469645, 0120469684

Bearing: HC-CARGO 142270.



136292 D.E. Bracket

Replacing: 1125824333

Servicing: 0120489032, 0120489221, 0120489726, B120421475, B120427147, B120427296

Bearing: HC-CARGO 140176. Mounting bushing: HC-CARGO 233569.



136294 D.E. Bracket

Replacing: 1125824426

Servicing: 0120488189, 0120489251, 0120489252, 0120489292, B120402018, B120402019, B120402502

Bearing: HC-CARGO 142269.



136361 D.E. Bracket

Replacing: 1125824990, 1125824970, 1125824665, 1125824664

Servicing: 0120485011, 0120485012, 0120485022, 0120485025, 0120485026, 0120485041, 0123310004, 0123310005, 0123310026, 0123310028

Bearing: HC-CARGO 140263.



136390 D.E. Bracket

Replacing: 9121145861

Servicing: 9120144302, 9120144303, 9120334310, 9120334319

Bearing: HC-CARGO 142269.



136420 D.E. Bracket

Replacing: 9121145802

Servicing: 6033G4011B, 6033GB4008, 6033gb4009, 6033GB4020, 6033gb4021, 9120144128, 9120144129, 9120144292, 9120144305, 9120144600

Bearing: HC-CARGO 142270.



136441 D.E. Bracket

Replacing: 1125825314

Servicing: 0120468093, B120500004

Bearing: HC-CARGO 142270.



136715 D.E. Bracket

Replacing: 1125824434

Servicing: 0120488211, 0120488228, 0120489346, 0120489347, 0120489389, 0120489390, 0120489408, 0120489958, 0120489959, 9120690501

Bearing: HC-CARGO 142270.



136774[#] D.E. Bracket

Replacing: 1125824340

Servicing: 0120489731, B120421331

Bearing: HC-CARGO 140176.



136781 D.E. Bracket

Replacing: 1125825346, 1125825260

Servicing: 0120468037, 0120468114, B120500158, B120500992

Bearing: HC-CARGO 142270.



136782 D.E. Bracket

Replacing: 1125825090

Servicing: 0120469001, 0120469013, 0120469686, 0120469687, 0120469895, 0120469982, 6033GB3008, B120427931, B120427951, B120500299

Bearing: HC-CARGO 140569.

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136799 D.E. Bracket

Replacing: 1125824398

Servicing: 0120488225, 0120488250, 0120488251, 0120488295, 0120489152, 0120489153, 0120489154, 0120489155, 0120489212, 0120489219

Bearing: HC-CARGO 140263.



136821# D.E. Bracket

Replacing: 1125824675, 1125824668

Servicing: 0120485047, 0123320026, 0123335001

Bearing: HC-CARGO 140263.



136906 D.E. Bracket

Replacing: 9121141062

Servicing: 9120144228, 9120144229, 9120144240, 9120144241

Bearing: HC-CARGO 142269.



136913 D.E. Bracket

Replacing: 1125824699, 1125824679, 1125824676

Servicing: 0120485034, 0123114005, 0123310002, 0123315001, B120310087, B120411203, B120411204

Bearing: HC-CARGO 142270.



136990 D.E. Bracket

Replacing: 1125824591, 1125824345

Servicing: 0120484001, 0120489756, B120402314, B120421503

Bearing: HC-CARGO 142270.



136991# D.E. Bracket

Replacing: 1125824567

Servicing: 0120488144, 0120488145, B120402450

Bearing: HC-CARGO 142270.



136996 D.E. Bracket

Replacing: 1125825286

Servicing: 0120468084, 0120468085, 0120468086, 0120468119, B120500742, B120500898, B120501069

Bearing: HC-CARGO 142270.



136999# D.E. Bracket

Replacing: 1125825245, 1125825068

Servicing: 0120469641, 0120469667, 0120469799, 0120469800, 0120469801, 0120469802, 0120469921, 0120469922, 0120469923, 0120469924

Bearing: HC-CARGO 142270.



137019 D.E. Bracket

Replacing: 1125824406

Servicing: 0120489173, 0120489174, 0120489344

Bearing: HC-CARGO 142269.



137111 D.E. Bracket

Replacing: 1125824950, 1125824667

Servicing: 0120485029, 0123310014

Bearing: HC-CARGO 142270.



137113# D.E. Bracket

Replacing: 1125825513, 1125825340, 1125825328

Servicing: 0120465006, 0120465012, 0120465029, 0123213005, 0123213006, 0123500004, 0123500006, 0123505014, 0123505016, 0123510017

Bearing: HC-CARGO 142270.



137139 D.E. Bracket

Replacing: 1125824995, 1125824969

Servicing: 0123310022, 0123310043, 0123310044, 0123310047, 0123310050, 0123320016, 0123320028, 0123320052, 0123320053, 0123320054

Bearing: HC-CARGO 140263.

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137391 D.E. Bracket

Replacing: 1125824473

Servicing: 0120488124, 0120488160, 0120488161, 0120488166, 0120488167, 0120488200, 0120488201, 0120489418, 0120489419, 0120489420

Bearing: HC-CARGO 142269.



137392 D.E. Bracket

Replacing: 1125824569

Servicing: 0120488183, 0120488184, 0120488219, 0120488220, B120402494, B120402599

Bearing: HC-CARGO 142270.



137410 D.E. Bracket

Replacing: 1125825230

Servicing: 0120468065, 0120468094, 0120468116, 0120468124, 0120468129, 0120468130, 0120468139, 0120468999, B120500512, B120500960

Bearing: HC-CARGO 140263.



137411[#] D.E. Bracket

Replacing: 1125823074, 1125823019

Servicing: 0120300518, 0120300519, 0120300535, 0120300540, 0120300549, 0120300562, 0120300575, 0120300577, 0120300578, 0120300580

Bearing: HC-CARGO 142269.



137477 D.E. Bracket

Replacing: 1125823507

Servicing: 0123115011, 9120336000

Bearing: HC-CARGO 142270.



137498 D.E. Bracket

Replacing: 9121337082, 9121335527

Servicing: 6033GB4015, 6033GB4016, 6033GB4017, 6033gb4018, 9120334631, 9120334632, 9120334639, 9120334642

Bearing: HC-CARGO 142270.



137500 D.E. Bracket

Replacing: 1125824965

Servicing: 0123320014

Bearing: HC-CARGO 142270.



137501 D.E. Bracket

Replacing: 1125824979

Servicing: 0123310023, 0123310048, 0123310055, 9123310048, 9123369023

Bearing: HC-CARGO 142270.



137502 D.E. Bracket

Replacing: 1125825511, 1125825307

Servicing: 0120465031, 012046503B, 0123515004

Bearing: HC-CARGO 140263.



137503 D.E. Bracket

Replacing: 1125825338

Servicing: 0123505001, 0123505002, 0123505202, 0123510063

Bearing: HC-CARGO 142270.



137504 D.E. Bracket

Replacing: 1125825341, 1125825324

Servicing: 0120465018, 0123213007, 0123500005, 0123505015, 0123545002

Bearing: HC-CARGO 142270.



137597 D.E. Bracket

Replacing: 1125825215

Servicing: 0120468057, 0120468058, 0120468059, 0120468060, B120500752, B120500753, B120500754

Bearing: HC-CARGO 140263.

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137598 D.E. Bracket

Replacing: 1125825264, 0125825174

Servicing: 0120469030, 0120469050, 0120469102, 0120469521, 0120469532, 0120469772, B120421861, B120421865

Bearing: HC-CARGO 142270.



137817# D.E. Bracket

Replacing: 1125827009

Servicing: 0120689515, 0120689532, B120600139



138015 D.E. Bracket

Replacing: 1125823042

Servicing: 0120300530, 0120300531, 0120300567, 0120300576, 0120300585, 0120300586, 0120339521, 0120339524, 0120339525, 0120339535

Bearing: HC-CARGO 142269.



138017 D.E. Bracket

Replacing: 1125824579, 1125824294

Servicing: 0120484002, 0120484003, 0120484012, 0120484016, 0120484017, 0120484019, 0120484020, 0120488125, 0120489138, 0120489139

Bearing: HC-CARGO 142270.



138018 D.E. Bracket

Replacing: 1125824652

Servicing: 0123315004

Bearing: HC-CARGO 142270.



138019 D.E. Bracket

Replacing: 1125824682

Servicing: 0123325002, 0123325012, 0123325014, 9123325002

Bearing: HC-CARGO 142270.



138020 D.E. Bracket

Replacing: 1125824999, 1125824993, 1125824694

Servicing: 0123310041, 0123315501, 0123320011, 0123320039, 0123325007, 0123335004, 0123335005

Bearing: HC-CARGO 142318.



138021 D.E. Bracket

Replacing: 1125824696

Servicing: 0123310006

Bearing: HC-CARGO 142270.



138022 D.E. Bracket

Replacing: 1125824726

Servicing: 0120320050, 0123320050, 0123320067

Bearing: HC-CARGO 142270.



138023 D.E. Bracket

Replacing: 1125824959

Servicing: 0123310010, 0123310011, 0123310012, 0123310013, 0123320035, 0123320058, 0123320068

Bearing: HC-CARGO 140263.



138024 D.E. Bracket

Replacing: 1125824986, 1125824972, 1125824697

Servicing: 0123310018, 0123310019, 0123310024, 0123310025, 0123310027, 0123310031, 0123310032, 0123310034, 0123310035, 0123310037

Bearing: HC-CARGO 142270.



138025 D.E. Bracket

Replacing: 1125824988, 1125824974

Servicing: 0120310020, 0120320006, 0123310020, 0123320006, 9123310020

Bearing: HC-CARGO 142270.

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138029 D.E. Bracket

Replacing: 1125825172

Servicing: 0120468030, 0120468031, 0120468032, 0120468033, 0120468048, 0120468049, 0120468071, 0120468072, 0120468099, 0120468100

Bearing: HC-CARGO 140263.



138030 D.E. Bracket

Replacing: 1125825343, 1125825213

Servicing: 0120468053, 0120468107, 0120468113, 0120468115, 0120468117, 0120468118, 0120468137, 0120468138, 6033GB3006, 6033GB3054

Bearing: HC-CARGO 140569.



138031 D.E. Bracket

Replacing: 1125825337

Servicing: 0123505007, 0123505008, 0123505009, 0123510013, 0123510014, 0123510015, 0123510028, 0123510033, 0123510041, 0123510045

Bearing: HC-CARGO 140263.



138032 D.E. Bracket

Replacing: 1125825354

Servicing: 0120468131, 0120468132, 6033G3057B, 6033G3058B, 6033G3060B, 6033GB3033, 6033GB3034, 6033GB3035, 6033GB3036

Bearing: HC-CARGO 140957.



138033 D.E. Bracket

Replacing: 1125825519

Servicing: 0123520002, 0123520005, 0123520014, 0123525001

Bearing: HC-CARGO 142318.



138181 D.E. Bracket

Replacing: 1125824575, 1125824466

Servicing: 0120484011, 0120484018, 0120484026, 0120484027, 0120484050, 0120484051, 0120488205, 0120488293, 0120488298, 0120488303

Bearing: HC-CARGO 142270.



138199 D.E. Bracket

Replacing: 1125825110

Servicing: 0120469020, 0120469742, 0120469743, 0120469931, 0120469932, 0120469933, 0120469934, B120500080, B120500518, B120500520

Bearing: HC-CARGO 142270.



138230 D.E. Bracket

Replacing: 1125825523, 1125825521, 1125825510

Servicing: 0123505013, 0123505018, 0123510006, 0123510007, 0123510026, 0123510027, 0123510031, 0123510032, 0123510034, 0123510037

Bearing: HC-CARGO 142318.



138785 D.E. Bracket

Replacing: 1125824555

Servicing: 0120484015, 0120484021, 0120488134, 0120488233, 6033GB2009, B120402392, B120402679, B120402683, B120402804

Bearing: HC-CARGO 142270.



138994[#] D.E. Bracket

Replacing: 1125824963

Servicing: 0123315007, 0123315020

Bearing: HC-CARGO 140263.



139000 D.E. Bracket

Replacing: 1125825500, 1125825309

Servicing: 0123214002, 0123515001, 0123515002, 0123515010, B120510510

Bearing: HC-CARGO 140263.



139024 D.E. Bracket

Replacing: 1125827021

Servicing: 0120689526, 0120689528, 0120689531, 0120689543, 0120689545, 0120689548, 0120689549, 0120689552, 0120689557, 0120689561

Bearing: HC-CARGO 142315.

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139036 D.E. Bracket

Replacing: 1125825174, 1125825024, 1125825006

Servicing: 0120469500, 0120469501, 0120469502, 0120469503, 0120469504, 0120469505, 0120469514, 0120469515, 0120469519, 0120469520

Bearing: HC-CARGO 141233.



139258 D.E. Bracket

Replacing: 1125825275

Servicing: 0120450023, 0120450024, 0120450025, 0120450026, 0120450027, 0120450028, 0120450029, 0120450030, 0120450031, B120500806

Bearing: HC-CARGO 142270.



139264 D.E. Bracket

Replacing: 1125823100, 1125823077

Servicing: 0120335012, 0123110004

Bearing: HC-CARGO 142270.



139279 D.E. Bracket

Replacing: 1125824700, 1125824677

Servicing: 0120485036, 0123320002, 0123340002

Bearing: HC-CARGO 142270.



139301 D.E. Bracket

Replacing: 1125824975, 1125824648

Servicing: 0120485048, 012048504J, 0123315013, 0123320012, 0123325010, 9120485048, 9123690001

Bearing: HC-CARGO 142318.



139354# D.E. Bracket

Replacing: 1125825179

Servicing: 0120469674, 0120469675, 0120469706, 0120469707, 0120469711, 0120469740, 0120469741, 0120469904, 0120469976, 0120469977

Bearing: HC-CARGO 142270.



139355 D.E. Bracket

Replacing: 1125825525

Servicing: 0123500007, 0123500008, 0123500009, 0123505003, 0123505004, 0123510003, 0123510020, 0123510043, 0123510052, 0123510062

Bearing: HC-CARGO 142270.



139745 D.E. Bracket

Replacing: 9121145815

Servicing: 9120144267, 9120144268, 9120144277, 9120144278

Bearing: HC-CARGO 142269.



139909 D.E. Bracket

Replacing: 1125823509

Servicing: 0123100003, 0123110006, 0123110008, B120310013

Bearing: HC-CARGO 142270.



139916 D.E. Bracket

Replacing: f00m116203

Servicing: 0124225002, 0124225009, 0124225024, 0124225025, 0124225028, 0124225029, 0124225030, 0124225031, 0124225033, 0124225034

Bearing: HC-CARGO 142270.



139918 D.E. Bracket

Replacing: F00M139295, f00m126295, f00m126207

Servicing: 0124315001, 0124315002, 0124315003, 0124315004, 0124315005, 0124315006, 012431500E, 0124315011, 0124315012, 0124315013

Bearing: HC-CARGO 141233.



139922 D.E. Bracket

Replacing: F00M136269, f00m136213

Servicing: 0124515017, 0124515018, 0124515019, 0124515054, 0124525001, 0124525014, 0124525029, 0124525060, 0124525061, 0124525521

Bearing: HC-CARGO 142318.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



139951 D.E. Bracket

Replacing: 1125825507, 1125825325, 1125825305, 1125825222

Servicing: 0120465003, 0120465004, 0120465013, 0120465014, 0120465015, 0120465016, 0120465017, 0123215001, 0123305001, 0123500001

Bearing: HC-CARGO 140263.



139972# D.E. Bracket

Replacing: 1125824952

Servicing: 0123315008, 0123315015, 0123315017, 0123315018, 0123315019, 9123315019

Bearing: HC-CARGO 142270.



139973 D.E. Bracket

Replacing: 1125824977

Servicing: 0123315016, 0123315021

Bearing: HC-CARGO 142270.



139992 D.E. Bracket

Replacing: 1125825261

Servicing: 0120469938, 0120469939, B120500839

Bearing: HC-CARGO 142270.



139993# D.E. Bracket

Replacing: 1125824967

Servicing: 0123310015

Bearing: HC-CARGO 142270.



230009 D.E. Bracket

Replacing: f00m136303, f00m136218, f00m136205

Servicing: 0120000015, 0120000017, 0120000037, 0124515010, 0124515011, 0124515012, 0124515013, 012451501A, 0124515020, 0124515021

Bearing: HC-CARGO 142270.



230117 D.E. Bracket

Replacing: 9121335863

Servicing: 9120334625, 9120334626, 9120334635

Bearing: HC-CARGO 142270.



230172 D.E. Bracket

Replacing: 1125825358

Servicing: 0120468135, 0120468144, 6033GB3021

Bearing: HC-CARGO 142270.



230176 D.E. Bracket

Replacing: f00m126219

Servicing: 0124325009, 0124325058, 0124325059, 0124325065, 0124325145, 0124325146

Bearing: HC-CARGO 142270.



230236 D.E. Bracket

Replacing: 1125825538

Servicing: 0123510082, 0123510107, 0123510108, 0123520023, 0123520025

Bearing: HC-CARGO 142318.



230284 D.E. Bracket

Replacing: 1125825527

Servicing: 0120000016, 0120000036, 0123510068, 0123510079, 0123510081, 0123510100, 0123510101, 0123510102, 0123515500, 0123515501

Bearing: HC-CARGO 140263.



230450 D.E. Bracket

Replacing: 1125824980, 1125824738

Servicing: 0123310029, 0123310053, 1123310029, 9123310029, B120411528

Bearing: HC-CARGO 142270.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



230509 D.E. Bracket

Replacing: 1125825372

Servicing: 0120468140, 0120468154, 0120468159, 0120468160, 0120468162

Bearing: HC-CARGO 140569.



230737 D.E. Bracket

Replacing: f00m126203

Servicing: 0124415001, 0124415005, 0124415023

Bearing: HC-CARGO 142270.



230972 D.E. Bracket

Replacing: f00m116225

Servicing: 0124225010, 0124225011

Bearing: HC-CARGO 142270.



231016 D.E. Bracket

Replacing: f00m116205

Servicing: 0124225001, 0124225004, 0124225018, 0124225022, 0124225023, 0124225041, 0124225049

Bearing: HC-CARGO 142270.



231067 D.E. Bracket

Replacing: 1125825185

Servicing: 0120469838, 0120469882, 0120469883, 0120469915, 0120469916, 0120469935, 0120469994, 0120469995, B120500642, B120500747

Bearing: HC-CARGO 142270.



231124 D.E. Bracket

Replacing: 1125824288

Servicing: 0120489036, 0120489037, 0120489191, 0120489473, 0120489474, 0120489618, 0120489619

Bearing: HC-CARGO 142269.



231128 D.E. Bracket

Replacing: F00M147704, f00m126215

Servicing: 0124325008, 0124325010

Bearing: HC-CARGO 142270.



231171 D.E. Bracket

Replacing: 1125825365

Servicing: 0120469115, 0120469116, 0120469117, 6033G3B022, 6033GB3019, 6033GB3022, 6033GB3027

Bearing: HC-CARGO 140569.



231247 D.E. Bracket

Replacing: 1125825303

Servicing: 0120469682, 0120469683, 0120469684, 0120469685, 0120469880, 0120469881, B120500632

Bearing: HC-CARGO 142270.



231253 D.E. Bracket

Replacing: f00m126217

Servicing: 0124415004, 0124415006

Bearing: HC-CARGO 142270.



231281 D.E. Bracket

Replacing: 2125827062

Servicing: 0120689562, F000LD0211

Bearing: HC-CARGO 142315.



231545 D.E. Bracket

Replacing: 1125824660

Servicing: 0120485020, 0120485023, 0120485038, 0120485039, 0120485043, 0120485044, 0120485046, 0123315006, 0123340001, 0123340003

Bearing: HC-CARGO 142270.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



231586 D.E. Bracket

Replacing: 1125823097

Servicing: 0123100001, 0123100002, 0123110005, 0123120001, 9123100002, 9123110005, 9123120001

Bearing: HC-CARGO 142270.



231595 D.E. Bracket

Replacing: 9121335540

Servicing: 0120468143, 0120468145, 0120469119, 0120469120, 6033G3081B, 6033G3082B, 6033GB3010, 6033GB3023, 6033GB3083

Bearing: HC-CARGO 140569.



231701[#] D.E. Bracket

Replacing: 1125825154

Servicing: 0120468028, 0120468054, 0120468055, 0120468136, 0120468147, B120500078, B120500603, B120500671

Bearing: HC-CARGO 142319.



231760[#] D.E. Bracket

Replacing: f00m116209

Servicing: 0124215001, 0124215002, 0124215003, 0124225016

Bearing: HC-CARGO 142270.



231778 D.E. Bracket

Replacing: f00m136291, f00m136209

Servicing: 0124515005, 0124515006, 0124515008, 0124515032, 0124515043, 0124515049, 0124515080, 0124515081, 0124515085, 0124525012

Bearing: HC-CARGO 142270.



232479 D.E. Bracket

Replacing: 1125827022

Servicing: 0120689542, 0120689546, 0120689572, B120600152, B120600153

Bearing: HC-CARGO 142315.



233336 D.E. Bracket

Replacing: 1125824998

Servicing: 0123315500, 0123315502, 0123315503, 0123320066

Bearing: HC-CARGO 140263.



233466 D.E. Bracket

Replacing: f00m126223

Servicing: 0124415002, 0124415008, 0124415010, 0124415028

Bearing: HC-CARGO 142270.



233468 D.E. Bracket

Replacing: f00m136220

Servicing: 0124615002, 012461500C, 0124615027

Bearing: HC-CARGO 142270.



233478[#] D.E. Bracket

Replacing: 1125825334

Servicing: 0123212001

Bearing: HC-CARGO 142270.



233509 D.E. Bracket

Replacing: f00m126239

Servicing: 0124315019, 0124315027, 0124325100, B120416351

Bearing: HC-CARGO 141233.



233556 D.E. Bracket

Replacing: 1125825151

Servicing: 0120469870, 0120469871, 0120469874, 0120469961, 0120469962, 0120469970, B120500612, B120500613, B120500854, B120500869

Bearing: HC-CARGO 142270.

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[#]Available while stock last, ***** Program development.



233560 D.E. Bracket

Replacing: f00m126229

Servicing: 0124415011, 0124415012, 0124415037

Bearing: HC-CARGO 142270.



233567# D.E. Bracket

Replacing: 9121335528

Servicing: 6033GB3059, 6033GB5007, 6033gb5009, 9120335000, 9120335001, 9120335002

Bearing: HC-CARGO 142270.



233647 D.E. Bracket

Replacing: 1125825368

Servicing: 0120469101, 6033GB3047, 6033GB3055

Bearing: HC-CARGO 140569.



233662# D.E. Bracket

Replacing: 1125824684

Servicing: 0123325003, 0123325013

Bearing: HC-CARGO 142270.



233724 D.E. Bracket

Replacing: 1125824728

Servicing: 0123320051, 0123320065

Bearing: HC-CARGO 142318.



233727 D.E. Bracket

Replacing: f00m126273, f00m126231

Servicing: 0124325024, 0124325031, 0124325175, 0124325184, 0124325185

Bearing: HC-CARGO 141233.



233939 D.E. Bracket

Replacing: f00m126297, f00m126221

Servicing: 0124315007, 0124315008, 0124315037, 0124325015, 0124325016, 0124325025, 0124325033, 0124325051, 0124325057, 0124325075

Bearing: HC-CARGO 142270.



234031 D.E. Bracket

Replacing: f00m126225

Servicing: 0124320001, 0124320002, 0124325052, 0124325122, 0124325180, 0124325205

Bearing: HC-CARGO 142270.



234182 D.E. Bracket

Replacing: 1125825326

Servicing: 0120465007, 0120465008, 0120465022, 0120465023

Bearing: HC-CARGO 142270.



234379 D.E. Bracket

Replacing: 1125825546, 1125825540

Servicing: 0123520500, 0123525500, 0123525502, 0123525503

Bearing: HC-CARGO 140263. Bearing plate: HC-CARGO 135608.



234425 D.E. Bracket

Replacing: F00M136305, f00m136217

Servicing: 0124515024, 0124515025, 0124515027, 0124515028, 0124515030, 0124515034, 0124515040, 0124515058, 0124525008, 0124525087

Bearing: HC-CARGO 142270.



234526 D.E. Bracket

Replacing: 1125825547

Servicing: 0123525501, 0123525504

Bearing: HC-CARGO 140263.

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#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



234529 D.E. Bracket

Replacing: f00m126275, f00m126209

Servicing: 0124415007, 0124415013, 0124415014, 0124415038, 0124415040, 0124415041, 0124415043, 0124415045, 0124415046, 0124415047

Bearing: HC-CARGO 141233.



235023 D.E. Bracket

Replacing: f00m136226

Servicing: 0120000001, 0120000019, 0124510001, 0124515044, 0124515113, 0124515120, 0124525064, 0124525119, 0124525125, 0124525216

Bearing: HC-CARGO 141233.



235042 D.E. Bracket

Replacing: F00M136244

Servicing: 0124515103, 0124515111, 0124515116, 0124515122, 0124525511, 0124555001, 0124555002, 0124555003, 0124555004, 0124555007

Bearing: HC-CARGO 140263.



235184# D.E. Bracket

Replacing: f00m126271

Servicing: 0124325030, 0124325062, 0124325072, 0124325087, 0124325099, 0124325116

Bearing: HC-CARGO 141233.



235227 D.E. Bracket

Replacing: f00m126265

Servicing: 0124415016, 0124415029, 0124415030, 0124415031, 0124415032

Bearing: HC-CARGO 142270.



235322# D.E. Bracket

Replacing: 1125824734

Servicing: 0123325500

Bearing: HC-CARGO 140263.



235514 D.E. Bracket

Replacing: F00M136328

Servicing: 0124525034, 0124525035, 0124525063, 0124525126, 0124525206, 0124525526

Bearing: HC-CARGO 142270.

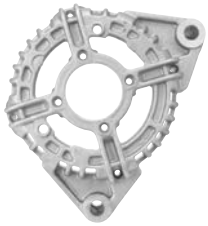


235581 D.E. Bracket

Replacing: F00M126259

Servicing: 0124325039, 0124325046, 0124325077, 0124325093, 0124325105, 0124325169, 0124325170, 0124325202

Bearing: HC-CARGO 141233.

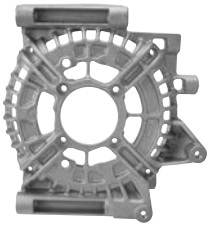


235668 D.E. Bracket

Replacing: F00M126263

Servicing: 0124325038, 0124325040, 0124325045

Bearing: HC-CARGO 142270.



235768 D.E. Bracket

Replacing: F00M136593, F00M136287

Servicing: 0124625002, 0124625014, 0124625015, 0124625019, 0124625033, 0124625045

Bearing: HC-CARGO 140263.



236200# D.E. Bracket

Replacing: 1125824446

Servicing: 0120400943, 0120488284, 0120489018, 0120489106, 0120489107, 0120489144, 0120489145, 0120489146, 0120489147, 0120489151

Bearing: HC-CARGO 142270.



236575 D.E. Bracket

Replacing: F00M136254

Servicing: 0124655005, 0124655030, 0124655065, 0124655082, 0124655091

Bearing: HC-CARGO 140263.

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Available while stock last, * Program development.



239227 D.E. Bracket

Replacing: 1125824698, 1125824662

Servicing: 0120485043, 0120485044, 0120485045, 0120485046, 0123310001, 0123310003, 0123310007, 0123315002, 0123315006

Bearing: HC-CARGO 142270. Mounting bushing: HC-CARGO 137575x2.



330923 D.E. Bracket

Replacing: F00M126386

Servicing: 0124425058, 0124425059, 0124425096, 0124425097, 0124425100, 0124425103

Bearing: HC-CARGO 141233.



333563 5★ D.E. Bracket

Manufacturer: Bosch

Replacing: F00M136248

Servicing: 0124615030, 0124655001, 0124655002, 0124655003, 0124655004, 0124655009, 0124655011, 0124655016, 0124655023, 0124655036

S.R.E. Brackets



132214 S.R.E. Bracket

Replacing: 1125884524, 1125884405, 1125884398, 1125884285, 1125884153

Servicing: 0120400704, 0120400705, 0120400758, 0120400759, 0120400806, 0120400807, 0120400808, 0120400809, 0120400810, 0120400811

Bearing: HC-CARGO 142271.



132215 S.R.E. Bracket

Replacing: 1125884547, 1125884490, 1125884474, 1125884390, 1125884376, 1125884308, 1125884284, 1125884222

Servicing: 0120400669, 0120400722, 0120400723, 0120400724, 0120400744, 0120400745, 0120400746, 0120400747, 0120400856, 0120400857

ID/ bearing hole 28.00



134125 S.R.E. Bracket

Replacing: 1125884479

Servicing: 0120488174, 0120488176, 0120488177, 0120488182, 0120488210, 0120489047, 0120489048, 0120489074, 0120489075, 0120489088

ID/ bearing hole 28.60



134127 S.R.E. Bracket

Replacing: 1125884484

Servicing: 0120400728, 0120488256, 0120488277, 0120488278, 0120488282, 0120488291, 0120489315, 0120489316, B120402619, B120402667

ID/ bearing hole 30.00



134129 S.R.E. Bracket

Replacing: 1125885155, 1125885154, 1125885143, 1125885061, 1125885041, 1125885025, 1125885023, 1125885019

Servicing: 0120450015, 0120469008, 0120469019, 0120469024, 0120469025, 0120469030, 0120469038, 0120469039, 0120469518, 0120469519

ID/ bearing hole 30.00



134133 S.R.E. Bracket

Replacing: 1125885261, 1125885060

Servicing: 0120469034, 0120469035, 0120469646, 0120469647, 0120469666, 0120469710, 0120469836, 0120469860, 0120469860/875

ID/ bearing hole 30.00



134135 S.R.E. Bracket

Replacing: 1125884374

Servicing: 0120489126, 0120489127, 0120489187, 0120489188, 0120489218, 0120489738, 0120489739

ID/ bearing hole 26.40



134286 S.R.E. Bracket

Replacing: 1125884529, 1125884424

Servicing: 0120488208, 0120488271, 0120488289, 0120489027, 0120489053, 0120489060, 0120489192, 0120489230, 0120489303, 0120489387

ID/ bearing hole 28.00



134309 S.R.E. Bracket

Replacing: 1125884493

Servicing: 0120484001, 0120484011, 0120484012, 0120484015, 0120484018, 0120484021, 0120484022, 0120484024, 0120484025, 0120484026

ID/ bearing hole 35.00



134315 S.R.E. Bracket

Replacing: 1125884494, 1125884482

Servicing: 0120488138, 0120488185, 0120488196, 0120488197, 0120488206, 0120488209, 0120488217, 0120488218, 0120488234, 0120488236

ID/ bearing hole 30.35



134316 S.R.E. Bracket

Replacing: 1125885070

Servicing: 0120469021, 0120469600, 0120469604, 0120469631, 0120469632, 0120469633, 0120469635, 0120469636, 0120469637, 0120469638

ID/ bearing hole 31.00



134322 S.R.E. Bracket

Replacing: 9122145839

Servicing: 9120144279, 9120144280

ID/ bearing hole 27.00



134337[#] S.R.E. Bracket

Replacing: 1125884388

Servicing: 0120484023, 0120488140, 0120488141, 0120488188, 0120488207, 0120488222, 0120488223, 0120488235, 0120488275, 0120488276

ID/ bearing hole 26.75



134400 S.R.E. Bracket

Replacing: 1125883056, 1125883034

Servicing: 0120300535, 0120300552, 0120300562, 0120300567, 0120300575, 0120300576, 0120300577, 0120300578, 0120300579, 0120300580

ID/ bearing hole 22.00



134679 S.R.E. Bracket

Replacing: 1125884653, 1125884350

Servicing: 0120400943, 0120488194, 0120488195, 0120488250, 0120488284, 0120489018, 0120489019, 0120489020, 0120489106, 0120489107

ID/ bearing hole 26.85



134680 S.R.E. Bracket

Replacing: 1125884430, 1125884420, 1125884306, 1125884303, 1125884281, 1125884160

Servicing: 0120400740, 0120400741, 0120400742, 0120400743, 0120400782, 0120400783, 0120400827, 0120400828, 0120400831, 0120400832

ID/ bearing hole 28.00



134871 S.R.E. Bracket

Replacing: 1125884527, 1125884368, 1125884359, 1125884325

Servicing: 0120488022, 0120488132, 0120488133, 0120488135, 0120488136, 0120488153, 0120488224, 0120488268, 0120489022, 0120489023

ID/ bearing hole 28.00



134873 S.R.E. Bracket

Replacing: 1125885036

Servicing: 0120469010, 0120469022, 0120469023, 0120469026, 0120469027, 0120469031, 0120469048, 0120469549, 0120469634, 0120469673



135151 S.R.E. Bracket

Replacing: 1125884539

Servicing: 0120488166, 0120488167, 0120488200, 0120488201, B120402500, B120402601

ID/ bearing hole 30.30



135556 S.R.E. Bracket

Replacing: 1125885157

Servicing: 0120469014, 0120469522, 0120469523, 0120469749, 0120469798, B120421871, B120421872, B120427872, B120427982, B120500450

ID/ bearing hole 32.00



135780 S.R.E. Bracket

Replacing: 1125884413

Servicing: 0120484016, 0120484017, 0120484019, 0120484020, 0120488162, 0120488163, 0120488164, 0120488165, 0120488168, 0120488169

ID/ bearing hole 31.00

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.



135811 S.R.E. Bracket

Replacing: 1125884678, 1125884650

Servicing: 0120485034, 0120485035, 0123114005, 0123310002, 0123315001, 01233310002, B120310087, B120411203, B120411204

ID/ bearing hole 42.50



135993 S.R.E. Bracket

Replacing: 1125884418, 1125884385

Servicing: 0120400944, 0120400945, 0120488118, 0120488119, 0120488229, 0120488230, 0120488231, 0120489024, 0120489025, 0120489026

ID/ bearing hole 30.00



135994 S.R.E. Bracket

Replacing: 1125884481

Servicing: 0120484002, 0120484003, 0120484016, 0120484020, 0120489310, 0120489311, 0120489312, 0120489473, 0120489474, B120402426

ID/ bearing hole 30.00



136006 S.R.E. Bracket

Replacing: 1125887013

Servicing: 0120389567, 0120689520, 0120689523, 0120689526, 0120689530, 0120689533, 0120689534, 0120689535, 0120689542, 0120689546

ID/ bearing hole 28.00



136021 S.R.E. Bracket

Replacing: 1125885058, 1125885052, 1125885044, 1125885001

Servicing: 0120469002, 0120469501, 0120469581, 0120469582, 0120469586, 0120469587, 0120469588, 0120469589, 0120469590, 0120469591

ID/ bearing hole 30.00



136043# S.R.E. Bracket

Replacing: 1125885226, 1125885175, 1125885114

Servicing: 0120468007, 0120468008, 0120468013, 0120468014, 0120468095, 0120468096, 0120468097, 0120468098, B120500119, B120500134

ID/ bearing hole 29.00



136097 S.R.E. Bracket

Replacing: 1125885077

Servicing: 0120469015, 0120469689, 0120469690, 0120469709, 0120469780, 0120469790, 0120469822, 0120469823, 0120469831, 0120469832

ID/ bearing hole 31.00



136354# S.R.E. Bracket

Replacing: 1125884559

Servicing: 0120488146, 0120488147, 0120488148, 0120488149, 0120488150, 0120488178, 0120488179, 0120488180, 0120488181, 0120488242

ID/ bearing hole 31.00



136355 S.R.E. Bracket

Replacing: 1125885082

Servicing: 0120469744, 0120469745, 0120469746, 0120469811, 0120469812, 0120469856, 0120469857, 0120469884, 0120469894, 0120469896

ID/ bearing hole 32.00



136362 S.R.E. Bracket

Replacing: 1125885669, 1125884669

Servicing: 0120485011, 0120485012, 0120485022, 0120485025, 0120485026, 0123310004, 0123310005, 0123310008, 0123310026, 0123310028

ID/ bearing hole 42.80



136375 S.R.E. Bracket

Replacing: 1125885105

Servicing: 0120469784, 0120469785, 0120469786, 0120469787, 0120469788, 0120469789, 0120469793, 0120469992, 0120469993, 0120469996

ID/ bearing hole 30.00



136384 S.R.E. Bracket

Replacing: 1125885067

Servicing: 0120469002, 0120469003, 0120469011, 0120469012, 0120469020, 0120469021, 0120469581, 0120469582, 0120469601, 0120469602

ID/ bearing hole 30.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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136440 S.R.E. Bracket

Replacing: 1125885230

Servicing: 0120468093, 0120468135, 0120468144, 6033GB3021, B120500004

ID/ bearing hole 37.00



136478 S.R.E. Bracket

Replacing: 9122145862

Servicing: 0120489393, 0120489394, 0120489456, 0120489457, 9120144017, 9120144018, 9120144026, 9120144218, 9120144219, 9120144220

ID/ bearing hole 28.00



136777 S.R.E. Bracket

Replacing: 1125885187

Servicing: 0120469920, B120500629

ID/ bearing hole 35.00



136778# S.R.E. Bracket

Replacing: 1125885118

Servicing: 0120468017, 0120468018, 0120468019, 0120468020, 0120468022, 0120468023, 0120468024, 0120468025, 0120468026, 0120468027

ID/ bearing hole 31.00



136809 S.R.E. Bracket

Replacing: 1125885235, 1125885217

Servicing: 0120465003, 0120465004, 0120465013, 0120465014, 0120465015, 0120465016, 0120465017, 0120465018, 0123213007, 0123215001

ID/ bearing hole 42.90



136918 S.R.E. Bracket

Replacing: 1125884487

Servicing: 0120488211, 0120488228, 0120489346, 0120489347, 0120489389, 0120489390, 0120489391, 0120489392, 0120489408, 9120690496

ID/ bearing hole 30.00



136921 S.R.E. Bracket

Replacing: 1125885160, 1125885140, 1125825140

Servicing: 0120469827, 0120469828, 0120469870, 0120469871, 0120469874, 0120469938, 0120469939, B120500447, B120500612, B120500613

ID/ bearing hole 30.00



136997 S.R.E. Bracket

Replacing: 1125885119, 1125885072, 1125881119

Servicing: 0120469009, 0120469016, 0120469017, 0120469032, 0120469655, 0120469656, 0120469657, 0120469658, 0120469659, 0120469660

ID/ bearing hole 31.00



137096# S.R.E. Bracket

Replacing: 1125884631

Servicing: 0123315004

ID/ bearing hole 43.00



137098 S.R.E. Bracket

Replacing: 1125885923, 1125884923, 1125884735

Servicing: 0120315500, 0120315502, 0120315503, 0123310022, 0123310043, 0123310044, 0123310047, 0123310050, 0123315500, 0123315502

ID/ bearing hole 43.00



137100# S.R.E. Bracket

Replacing: 1125885224

Servicing: 0120469775, 0120469776, 0120469989, 0120469990, B120500246, B120500413, B120500983

ID/ bearing hole 31.00



137101 S.R.E. Bracket

Replacing: 1125885237

Servicing: 0120465009, 0120465010, 0120465011, 0120465020, 0120465021, 0120465026, 0120465027, 0120465028, 0123505005, 0123505010

ID/ bearing hole 43.00

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#Available while stock last, * Program development.



137102 S.R.E. Bracket

Replacing: 1125885238

Servicing: 0120465006, 0120465012, 0120465029, 0123213005, 0123213006, 0123500004, 0123500006, 0123510017, 0123510105, 0123545001



137103 S.R.E. Bracket

Replacing: 1125885520

Servicing: 0120465031, 012046503B

ID/ bearing hole 42.90



137104[#] S.R.E. Bracket

Replacing: 1125885211

Servicing: 0120468061, 0120468062, 0120468063, 0120468064, 0120468075, 0120468076, 0120468077, 0120468078, 0120468102, 0120468103

ID/ bearing hole 29.00



137105 S.R.E. Bracket

Replacing: 1125885240

Servicing: 0123505001, 0123505002, 0123510063

ID/ bearing hole 43.00



137112 S.R.E. Bracket

Replacing: 1125884671

Servicing: 0120485029, 0123310014

ID/ bearing hole 43.00



137116 S.R.E. Bracket

Replacing: 9122145868, 9122145845, 9121335933, 9121335927

Servicing: 9120144605, 9120144606, 9120144610, 9120144611, 9120334627, 9120334628, 9120334636, 9120334638, 9120334640, 9120334641

ID/ bearing hole 23.80



137311 S.R.E. Bracket

Replacing: 1125885615, 1125885312, 1125885215, 1125885213

Servicing: 0120469004, 0120469005, 0120469006, 0120469007, 0120469906, 0120469907, 0120469911, 0120469912, 0120469966, 0120469967

ID/ bearing hole 28.00



137316 S.R.E. Bracket

Replacing: 1125883084, 1125883080

Servicing: 0120335010, 0123100001, 0123100002, 0123110005, 0123120001, 9123100002, 9123110005, 9123120001

ID/ bearing hole 43.00



137384 S.R.E. Bracket

Replacing: 1125885535, 1125885243

Servicing: 0123500007, 0123500008, 0123500009, 0123505003, 0123505004, 0123510003, 0123510020, 0123510043, 0123510052, 0123510062

ID/ bearing hole 43.00



137496 S.R.E. Bracket

Replacing: 9121335886

Servicing: 9120334631, 9120334632

ID/ bearing hole 29.00



137600 S.R.E. Bracket

Replacing: 9122335915

Servicing: 9120334625, 9120334626, 9120334635

ID/ bearing hole 24.00



137698 S.R.E. Bracket

Replacing: 9122145806

Servicing: 0120488000, 0120488001, 0120488008, 0120488009, 0120488012

ID/ bearing hole 24.00

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[#]Available while stock last, * Program development.

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137987 S.R.E. Bracket

Replacing: 1125884665

Servicing: 0120485020, 0120485023, 0120485038, 0120485039, 0123320001, 0123320003, 0123320005, 0123320033, 0123320048, 0123340001

ID/ bearing hole 43.00



137988 S.R.E. Bracket

Replacing: 1125884686

Servicing: 0123325002, 0123325012, 0123325014, 9123325002

ID/ bearing hole 43.00



137989 S.R.E. Bracket

Replacing: 1125884700

Servicing: 0123310006, 0123320012, 9123320012

ID/ bearing hole 43.00



137990[#] S.R.E. Bracket

Replacing: 1125884730

Servicing: 0123320050, 0123320067

ID/ bearing hole 43.00



137991 S.R.E. Bracket

Replacing: 1125884913

Servicing: 0123310010, 0123310011, 0123310012, 0123310013, 0123320035, 0123320058, 0123320068

ID/ bearing hole 43.00



137993 S.R.E. Bracket

Replacing: 1125884946, 1125884927

Servicing: 0123310020, 0123320006, 9123310020

ID/ bearing hole 43.00



137994 S.R.E. Bracket

Replacing: 1125884948

Servicing: 0123310027, 0123310031, 0123320009, 0123320021, 0123320025, 0123320055

ID/ bearing hole 43.00



138000 S.R.E. Bracket

Replacing: 1125885524

Servicing: 0123520002, 0123520005, 0123520014, 0123525001

ID/ bearing hole 43.00



138237 S.R.E. Bracket

Replacing: 1125885526, 1125885507

Servicing: 0123505013, 0123510006, 0123510007, 0123510026, 0123510027, 0123510032, 0123510034, 0123510047, 0123510053, 0123510054

ID/ bearing hole 43.00



138239[#] S.R.E. Bracket

Replacing: 1125884672, 1125884668

Servicing: 0120485041, 0120485047, 0123320026, 0123320030, 0123335001, F010LD0206

ID/ bearing hole 43.00



138274 S.R.E. Bracket

Replacing: 1125883503

Servicing: 0123115009, 0123115014

ID/ bearing hole 43.00



138276 S.R.E. Bracket

Replacing: 1125884392, 1125884391, 1125884357, 1125884342

Servicing: 0120400669, 0120400670, 0120400724, 0120400733, 0120400745, 0120400747, 0120489002, 0120489003, 0120489004, 0120489005

ID/ bearing hole 32.00

O.E.M. names and numbers are used for reference purposes only.

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[#]Available while stock last, ***** Program development.



138278 S.R.E. Bracket

Replacing: 1125885264

Servicing: 0120469101, 0120469103, 6033GB3047, 6033GB3055

ID/ bearing hole 30.00



138279 S.R.E. Bracket

Replacing: 6033gc1028, 1125885268

Servicing: 0120469050, 0120469102

ID/ bearing hole 30.00



138280 S.R.E. Bracket

Replacing: 1125887006

Servicing: 0120689504, 0120689505, 0120689507, 0120689511, 0120689514, 0120689517, B120600100, B120623055

ID/ bearing hole 30.00



138777 S.R.E. Bracket

Replacing: 1125884728

Servicing: 0123310038, 0123310039, 0123310046, 0123320036, 0123320037, 0123320063, 0123325006

ID/ bearing hole 43.00



138778# S.R.E. Bracket

Replacing: 1125884909, 1125884734

Servicing: 0123315008, 0123315015, 0123315017, 0123315018, 0123315019, 9123315019, 9123690003

ID/ bearing hole 43.00



138779 S.R.E. Bracket

Replacing: 1125884929

Servicing: 0123315013, 0123325010

ID/ bearing hole 43.00



138780 S.R.E. Bracket

Replacing: 1125884944, 1125884925

Servicing: 0123310018, 0123310019, 0123310024, 0123310025, 0123310032, 0123310034, 0123310035, 0123310037, 0123310040, 0123310049

ID/ bearing hole 43.00



138781 S.R.E. Bracket

Replacing: 1125885528, 1125885516, 1125885509

Servicing: 0123510031, 0123510037, 0123510048, 0123510095, 0123510106, 0123510109, 0123515003, 0123515008, 0123515009, 0123515011

ID/ bearing hole 42.00



138993 S.R.E. Bracket

Replacing: 1125884915

Servicing: 0123315007, 0123315020, 0123315506

ID/ bearing hole 43.00



138995 S.R.E. Bracket

Replacing: 1125883086

Servicing: 0120335007, 0123110009

ID/ bearing hole 43.00



138997 S.R.E. Bracket

Replacing: 1125885106

Servicing: 0120468009, 0120468010, 0120468035, 0120468036, 0120468045, 0120468046, 0120468080, 0120468081, 0120468082, 0120468083

ID/ bearing hole 30.00



139001 S.R.E. Bracket

Replacing: 1125885221

Servicing: 0123214002, 0123515001, 0123515002, 0123515007, 0123515010, B120510510

ID/ bearing hole 43.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



139027 S.R.E. Bracket

Replacing: 1125887019

Servicing: 0120689522, 0120689527, 0120689528, 0120689540, 0120689541, 0120689543, 0120689548, 0120689549, 0120689552, 0120689561

ID/ bearing hole 28.00



139117 S.R.E. Bracket

Replacing: 1125884417

Servicing: 0120488156, 0120488157, 0120488158, 0120488159, 0120488163, 0120488174, 0120488175, 0120488203, 0120488281, B120402542

ID/ bearing hole 30.00



139280 S.R.E. Bracket

Replacing: 1125885241

Servicing: 0120469018, 0120469033, 0120469044, 6033G3020B, 6033gb3020, B120500926

ID/ bearing hole 36.00



139296 S.R.E. Bracket

Replacing: 1125884667

Servicing: 0120485043, 0120485044, 0120485045, 0120485046, 0123310001, 0123310003, 0123310007, 0123315002, 0123315006

ID/ bearing hole 43.00



139338 S.R.E. Bracket

Replacing: 1125885075

Servicing: 0120469001, 0120469013, 0120469686, 0120469687, 0120469895, 0120469982, 6003GB008, 6033GB3008, B120427931, B120427951

ID/ bearing hole 30.00



139910 S.R.E. Bracket

Replacing: 1125883510

Servicing: 0123100003, 0123110006, 0123110008, B120310013

ID/ bearing hole 43.00



139917 S.R.E. Bracket

Replacing: f00m116403

Servicing: 0124225002, 0124225009, 0124225024, 0124225025, 0124225028, 0124225029, 0124225030, 0124225031, 0124225033, 0124225034

ID/ bearing hole 38.00



139919 S.R.E. Bracket

Replacing: f00m126482, f00m126407

Servicing: 0124315001, 0124315002, 0124315003, 0124315006, 0124315011, 0124315012, 0124315030, 0124315031, 0124315032, 0124315035

ID/ bearing hole 37.98

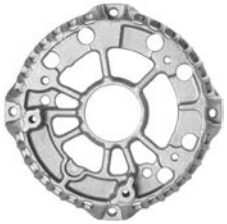


139923 S.R.E. Bracket

Replacing: f00m136494, f00m136405

Servicing: 0120000015, 0120000017, 0120000037, 0124515010, 0124515011, 0124515012, 0124515013, 012451501A, 0124515020, 0124515021

ID/ bearing hole 38.00



139924 S.R.E. Bracket

Replacing: f00m136412

Servicing: 0124515017, 0124515018, 0124515019, 0124515054, 0124525001, 0124525014, 0124525029, 0124525060

ID/ bearing hole 38.00



139974# S.R.E. Bracket

Replacing: 1125884931

Servicing: 0123315016, 0123315021, 0124315021

ID/ bearing hole 43.00



139975 S.R.E. Bracket

Replacing: 1125885165

Servicing: 0120450018, 0120450019, 0120450020, 0120450023, 0120450024, 0120450025, 0120450026, 0120450027, 0120450028, 0120450029

ID/ bearing hole 25.00

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Available while stock last, * Program development.



139994 S.R.E. Bracket

Replacing: 1125884919

Servicing: 0123310015

ID/ bearing hole 43.00



230169 S.R.E. Bracket

Replacing: 1125885537

Servicing: 0120000016, 0120000036, 0123510068, 0123510079, 0123510081, 0123510100, 0123510101, 0123510102, 0123515500, 0123515501

ID/ bearing hole 43.00



230237 S.R.E. Bracket

Replacing: 1125885547

Servicing: 0123510082, 0123510107, 0123510108, 0123520023, 0123520025

ID/ bearing hole 43.00



230510 S.R.E. Bracket

Replacing: 1125885274

Servicing: 0120468140, 0120468154, 0120468162

ID/ bearing hole 29.00



230600 S.R.E. Bracket

Replacing: 1125885139

Servicing: 0120468037, 0120468114, B120500158, B120500992

ID/ bearing hole 30.00



230623 S.R.E. Bracket

Replacing: F00M126484, f00m126419

Servicing: 0124315004, 0124315005, 012431500E, 0124315013, 0124315036, 0124315039, 0124325011, 0124325012, 0124325013, 0124325032

ID/ bearing hole 38.00



230693# S.R.E. Bracket

Replacing: 1125884673

Servicing: 0120485030, B120411324

ID/ bearing hole 43.00



230704 S.R.E. Bracket

Replacing: 1125885156

Servicing: 0120469036, 0120469040, 0120469041, 0120469043, 0120469693, 0120469796, 6033G3014B, 6033GB3014, 6033GB3053, B120427949

ID/ bearing hole 35.00



230723 S.R.E. Bracket

Replacing: 1125885188

Servicing: 0120468065, 0120468094, 0120468116, 0120468124, 0120468129, 0120468130, 0120468139, 0120468999, 6033G3037B, 6033G3038B

ID/ bearing hole 30.00



230725# S.R.E. Bracket

Replacing: 9122145861

Servicing: 9120144256, 9120144258, 9120144265, 9120144266

ID/ bearing hole 27.00



230735 S.R.E. Bracket

Replacing: 1125884938

Servicing: 0120485048, 012048504J, 9120485048, 9123690001

ID/ bearing hole 43.00



230738 S.R.E. Bracket

Replacing: f00m126403

Servicing: 0124415001, 0124415005, 0124415023

ID/ bearing hole 38.00

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O.E.M. names and numbers are used for reference purposes only.



230765 S.R.E. Bracket

Replacing: 1125885270

Servicing: 0120469115, 0120469116, 0120469117, 0120469118, 6033G3B022, 6033GB3019, 6033GB3022, 6033GB3027

ID/ bearing hole 32.00



230968 S.R.E. Bracket

Replacing: 1125885260

Servicing: 0120469100, 0120469107, 0120469108, 0120469109, 0120469110, 0120469111, 0120469112, 0120469113, 0120469114, 6033GB3009

ID/ bearing hole 30.00



230973 S.R.E. Bracket

Replacing: f00m116423

Servicing: 0124225010, 0124225011



231017 S.R.E. Bracket

Replacing: f00m116405

Servicing: 0124225001, 0124225004, 0124225018, 0124225022, 0124225023, 0124225041, 0124225049

ID/ bearing hole 38.00



231069 S.R.E. Bracket

Replacing: 1125884679

Servicing: 0120485036, 0123320002, 0123340002

ID/ bearing hole 42.90



231129[#] S.R.E. Bracket

Replacing: f00m126415

Servicing: 0124325008, 0124325010, 9124690001

ID/ bearing hole 38.00



231156 S.R.E. Bracket

Replacing: 1125887023, 1125887022

Servicing: 0120689516, 0120689524, 0120689538, 0120689539, 0120689550, B120600133, B120600147, B120623051

ID/ bearing hole 35.00



231254 S.R.E. Bracket

Replacing: f00m126417

Servicing: 0124415004, 0124415006

ID/ bearing hole 38.00



231261 S.R.E. Bracket

Replacing: 1125884933, 1125884732

Servicing: 0123310023, 0123310029, 0123310048, 0123310050, 0123310053, 0123310054, 0123310055, 9123310029, 9123310048, 9123369023

ID/ bearing hole 43.00



231594 S.R.E. Bracket

Replacing: 9121335952

Servicing: 0120468143, 0120468145, 0120469119, 0120469120, 6033G3081B, 6033G3082B, 6033GB3010, 6033GB3023, 6033GB3083

ID/ bearing hole 35.00



231702 S.R.E. Bracket

Replacing: 1125885129

Servicing: 0120468028, 0120468054, 0120468055, 0120468136, 0120468147, B120500078, B120500603, B120500671

ID/ bearing hole 31.00



231719 S.R.E. Bracket

Replacing: 6033GD1016, 1125885256

Servicing: 0120468131, 6033G3057B, 6033G3060B, 6033gb3033, 6033gb3034

ID/ bearing hole 31.00

O.E.M. names and numbers are used for reference purposes only.

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[#]Available while stock last, ***** Program development.



231753 S.R.E. Bracket

Replacing: f00m136410

Servicing: 0124515005, 0124515006, 0124515008, 0124515032, 0124515043, 0124515049, 0124515080, 0124515081, 0124515085, 0124525012

ID/ bearing hole 35.00



231757# S.R.E. Bracket

Replacing: 1125883088, 1125883070

Servicing: 0120335012, 0123110004

ID/ bearing hole 43.00



231761# S.R.E. Bracket

Replacing: f00m116409

Servicing: 0124215001, 0124215002, 0124215003, 0124225016

ID/ bearing hole 38.00



232234# S.R.E. Bracket

Replacing: 1125884688

Servicing: 0123325003, 0123325013, 0123335013

ID/ bearing hole 43.00

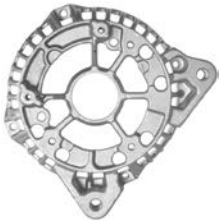


233474 S.R.E. Bracket

Replacing: 1125885253

Servicing: 0123510004, 0123510018, 0123510021, 0123510023, 0123510038, 0123510039, 0123510044, 0123510049, 0123510050, 0123510051

ID/ bearing hole 42.84



233506 S.R.E. Bracket

Replacing: f00m136420

Servicing: 0124615002, 012461500C, 0124615027

ID/ bearing hole 38.00



233523 S.R.E. Bracket

Replacing: f00m126439

Servicing: 0124315019, 0124315027, 0124325100, B120416351

ID/ bearing hole 38.00



233558# S.R.E. Bracket

Replacing: f00m126421

Servicing: 0124325009, 0124325054, 0124325058, 0124325059, 0124325065, 0124325124, 0124325145, 0124325146

ID/ bearing hole 38.00



233559# S.R.E. Bracket

Replacing: f00m126431

Servicing: 0124415011, 0124415012, 0124415037

ID/ bearing hole 38.00



233566# S.R.E. Bracket

Replacing: 9121337077

Servicing: 6033gb4009, 9120334633, 9120334634, 9120334638, 9120334641

ID/ bearing hole 28.00



233648 S.R.E. Bracket

Replacing: 1125885233

Servicing: 0123212001

ID/ bearing hole 43.00



233650# S.R.E. Bracket

Replacing: f00m126425

Servicing: 0124415002, 0124415008, 0124415010, 0124415028

ID/ bearing hole 37.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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233782[#] S.R.E. Bracket

Replacing: 1125883085
Servicing: 0120335006
ID/ bearing hole 42.95



233870 S.R.E. Bracket

Replacing: 1125883507
Servicing: 0123115011, 9120336000



234030 S.R.E. Bracket

Replacing: f00m126427
Servicing: 0124320001, 0124320002, 0124325052, 0124325122, 0124325180
ID/ bearing hole 38.00



234033[#] S.R.E. Bracket

Replacing: 1125885169
Servicing: 0120468057, 0120468058, 0120468059, 0120468060, B120500752, B120500753, B120500754
ID/ bearing hole 35.00



234057 S.R.E. Bracket

Replacing: f00m126486, f00m126423
Servicing: 0124315007, 0124315008, 0124315037, 0124325015, 0124325016, 0124325025, 0124325033, 0124325051, 0124325057, 0124325075
ID/ bearing hole 38.00



234355 S.R.E. Bracket

Replacing: 1125885549
Servicing: 0123520500, 0123525001, 0123525500, 0123525502, 0123525503
ID/ bearing hole 42.76



234360[#] S.R.E. Bracket

Replacing: 9121337092
Servicing: 6033GB5007, 6033gb5009, 9120335002



234521[#] S.R.E. Bracket

Replacing: 9121337089
Servicing: 9120335000, 9120335001
ID/ bearing hole 27.00



234525 S.R.E. Bracket

Replacing: 1125885558, 1125885556
Servicing: 0123525501, 0123525504
ID/ bearing hole 43.00



234530 S.R.E. Bracket

Replacing: f00m126473, f00m126409
Servicing: 0124415007, 0124415013, 0124415014, 0124415038, 0124415040, 0124415041, 0124415043, 0124415045, 0124415046, 0124415047
ID/ bearing hole 38.00



234748 S.R.E. Bracket

Replacing: f00m126467, f00m126433
Servicing: 0124325024, 0124325030, 0124325031, 0124325062, 0124325072, 0124325087, 0124325099, 0124325116, 0124325175, 0124325184



235044 S.R.E. Bracket

Replacing: F00M136441
Servicing: 0124515103, 0124515111, 0124515116, 0124515122, 0124555001, 0124555002, 0124555003, 0124555004, 0124555007, 0124555011
ID/ bearing hole 38.00



235045 S.R.E. Bracket

Replacing: F00M136506

Servicing: 0120000001, 0120000002, 0120000019, 0124510001, 0124515044, 0124515113, 0124515120, 0124525020, 0124525064, 0124525119

ID/ bearing hole 37.93



235104 S.R.E. Bracket

Replacing: f00m136496, f00m136416

Servicing: 0124515024, 0124515025, 0124515027, 0124515028, 0124515030, 0124515034, 0124515040, 0124515058, 0124525008, 0124525087

ID/ bearing hole 38.00



235221 S.R.E. Bracket

Replacing: f00m126463

Servicing: 0124415009, 0124415016, 0124415025, 0124415026, 0124415029, 0124415030, 0124415031, 0124415032



235323 S.R.E. Bracket

Replacing: 1125884741

Servicing: 0123325500

ID/ bearing hole 43.00



235400 S.R.E. Bracket

Replacing: 1125885167

Servicing: 0120468053, 0120468107, 0120468113, 0120468115, 0120468117, 0120468118, 0120468137, 0120468138, 0120468142, 0120468149

ID/ bearing hole 34.00



235499 S.R.E. Bracket

Replacing: 1125884940

Servicing: 0123310033, 0123310051, 0123310052, 1123310033, 1123310051, 1123310052



235515 S.R.E. Bracket

Replacing: F00M136518

Servicing: 0124525034, 0124525035, 0124525063, 0124525126, 0124525206, 0124525526

ID/ bearing hole 37.97



235540 S.R.E. Bracket

Replacing: F00M136465

Servicing: 0124515087, 0124515089, 0124515090

ID/ bearing hole 37.99



236576 S.R.E. Bracket

Replacing: F00M136451

Servicing: 0124655005, 0124655030, 0124655065, 0124655082, 0124655091, 1124655030



236718 S.R.E. Bracket

Replacing: F00M136500, 236718

Servicing: 0124525028, 0124525043, 0124525044, 0124525047, 0124525049, 0124525053, 0124525069, 0124525070, 0124525076, 0124525078

ID/ bearing hole 37.85



333554 5★ S.R.E. Bracket

Manufacturer: Bosch

Replacing: F00M136447

Servicing: 0124655001, 0124655002, 0124655003, 0124655004, 0124655016, 0124655023, 0124655036, 0124655037, 0124655039

ID/ bearing hole 37.55

Bracket Parts

Mounting Brackets

Pkg. 5



232309 Mounting Bracket

Replacing: 1121331500

Servicing: 0123325002, 0123325012, 0123325014, 9123325002

Thickness 4.00

All measurements are in mm, unless else stated.
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Mounting Bushings

Pkg. 5



132397 Rubber Bushing

Replacing: 1120323000

Servicing: 0120339526, 0120400630, 0120400631, 0120400752, 0120400753, 0120400767, 0120400768, 0120400889, 0120400890, 0120469538

ID 15.00, **OD** 23.00, **OD/ collar** 28.00, **Length** 20.00, **Height/ collar** 3.85

Pkg. 5



132398 Rubber Bushing

Replacing: 1120321000

Servicing: 0120400630, 0120400631, 0120400708, 0120400752, 0120400753, 0120400767, 0120400768, 0120400835, 0120400889, 0120400890

ID 15.00, **OD** 20.80, **OD/ collar** 26.50, **Length** 8.20, **Height/ collar** 3.95

Pkg. 10



134774 Mounting Bushing

Replacing: 1120300007

Servicing: 15ACR, 16ACR, 17ACR, 0120300522, 0120300523, 0120300545, 0120300546, 0120300547, 0120300587, 0120300588, 0120339502

ID 8.00, **OD** 13.05, **Length** 20.00

Pkg. 10



134775 Mounting Bushing

ID 8.00, **OD** 14.00, **Length** 20.00

Pkg. 10



134964 Mounting Bushing

Servicing: 0120300568, 0120300569, 0120339515, 0120339516, 0120339527, 0120339528, 0120489187, 0120489188

ID 10.00, **OD** 15.00, **Length** 18.00

Pkg. 5



135061 Spring Pin

Servicing: 0120469523, 0120489060, 0120489643, 9120080088, 9120080114, 9129080088

ID 11.50, **OD** 14.00, **Length** 50.00

For mounting bushing.

Pkg. 10



135211# Mounting Bushing

ID 8.20, **OD** 13.60, **Length** 20.00

Pkg. 5



135216 Mounting Bushing

Replacing: 1120322000

Servicing: 0120300510, 0120300511, 0120300512, 0120300513, 0120300514, 0120300515, 0120300516, 0120300517, 0120300518, 0120300519

ID 8.40, **OD** 14.00, **OD/ collar** 19.95, **Length** 13.00, **Height/ collar** 2.45

Pkg. 5



135421 Mounting Bushing

Replacing: 1120322013

Servicing: 0120489173, 0120489174, 0120489189, 0120489190, 0120489344, 0120489358

ID 10.00, **OD** 16.50/22.00, **OD/ collar** 22.00, **Length** 20.70, **Height/ collar** 4.70

Pkg. 5



137262 Mounting Bushing

Replacing: 1120300023

Servicing: 0120465031, 0120468001, 0120468002, 0120468003, 0120468011, 0120468012, 0120468015, 0120468016, 0120468017, 0120468018

ID 10.30, **OD** 21.00, **Length** 22.00

Pkg. 5



137263 Mounting Bushing

Replacing: 9123140308

Servicing: 0123212001, 6033G4011B, 6033GB3046, 6033GB3059, 6033GB4008, 6033GB4009, 6033GB4015, 6033GB4016, 6033GB4017, 6033GB4018

ID 10.00, **OD** 18.10, **Length** 20.00

Pkg. 5



137343 Mounting Bushing

Replacing: 1120300014

Servicing: 0120469010, 0120469022, 0120469023, 0120469026, 0120469027, 0120469028, 0120469029, 0120469031, 0120469037, 0120469048

ID 12.30, **OD** 18.08, **Length** 22.00

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Available while stock last, * Program development.

Pkg. 5



137379[#] Mounting Bushing

Replacing: 1120300017

Servicing: 0120339547, 0120468007, 0120468008, 0120468013, 0120468014, 0120468042, 0120468043, 0120468050, 0120468051, 0120468067

ID 8.00, **OD** 18.00, **Length** 22.00

Pkg. 5



137400 Mounting Bushing

Replacing: 1120300034

Servicing: 0120468065, 0120468094, 0120468116, 0120468124, 0120468129, 0120468130, 0120468139, 0120468999, 0120469920, 0120469963

ID 10.00, **OD** 19.03, **Length** 18.30

Pkg. 5



137408 Mounting Bushing

Replacing: 1120300025

Servicing: 0120468126, 0120484009, 0120488139, 0120488151, 0120488152, 0120488221, 0120488254, 0120488280, 0120488287, 0120489132

ID 12.20, **OD** 21.10, **Length** 27.00

Pkg. 5



137461 Mounting Bushing

Replacing: 1120300015

Servicing: 0120400926, 0120400927, 0120469938, 0120469939, 0120488194, 0120488195, 0120488225, 0120488250, 0120488251, 0120488252

ID 12.30, **OD** 18.00, **Length** 27.00

Pkg. 5



137575 Mounting Bushing

Replacing: F00M147018, 1120300508, 1120300504, 1120300041

Servicing: 0120000014, 0120000015, 0120000017, 0120000037, 0120335010, 0120465009, 0120465010, 0120465011, 0120465020, 0120465021

OD 18.00, **Length** 20.00



138086 Mounting Bushing

Replacing: 1120300512, 1120300035

Servicing: 0120465006, 0120465012, 0120465029, 0123213005, 0123213006, 0123310015, 0123310017, 0123310030, 0123315016, 0123315021

ID 8.50, **OD** 18.07, **Length** 20.00



138087 Mounting Bushing

Replacing: 1120300505, 1120300045

Servicing: 0120465031, 012046503B, 0120485048, 012048504J, 0123310006, 0123315013, 0123315022, 0123315023, 0123320012, 0123325010

OD 21.00, **OD/ collar** 19.00, **Length** 32.00



138088[#] Mounting Bushing

Replacing: 1120300514

Servicing: 0123310023, 0123310029, 0123310048, 0123310050, 0123310053, 0123310054, 0123310055, 0123320050, 0123320067, 0124225015

ID 8.00, **OD** 21.00, **Length** 20.00

Pkg. 5



138089 Mounting Bushing

Replacing: f00m147034, 1120322016

Servicing: 0120000018, 0120400858, 0120400859, 0120468053, 0120468107, 0120468113, 0120468115, 0120468117, 0120468118, 0120468137

ID 11.00, **OD** 14.00/21.50, **OD/ collar** 21.45, **Length** 8.10, **Height/ collar** 2.35



138090 Mounting Bushing

Replacing: 1120322027, 1120320027

Servicing: 0123325002, 0123325012, 0123325014, 9123325002

ID 10.45, **OD** 18.00, **OD/ collar** 22.00, **Length** 17.50, **Height/ collar** 2.40

Pkg. 5



138091 Mounting Bushing

Replacing: 1120322507, 1120322502

Servicing: 0123100001, 0123100002, 0123100003, 0123110005, 0123110006, 0123110008, 0123120001, 0123500007, 0123500008, 0123500009

ID 10.35, **OD** 18.00/21.90, **OD/ collar** 21.90, **Length** 21.10, **Height/ collar** 2.00



138240 Mounting Bushing

Replacing: 9122080698, 1120300018

Servicing: 0120689504, 0120689505, 0120689507, 0120689510, 0120689511, 0120689514, 0120689517, 0120689518, 0120689519, 0120689521

ID 12.50, **OD** 21.20, **Length** 25.00

All measurements are in mm, unless else stated.
[#]Available while stock last, * Program development.

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138241 Mounting Bushing

Replacing: 1120300019

Servicing: 0120468028, 0120468054, 0120468055, 0120468093, 0120468136, 0120468147, 0120468163, 0120469002, 0120469046, 0120469047

ID 13.30, **OD** 21.15, **Length** 20.00

Pkg. 10



138243 Mounting Bushing

Replacing: 1120322015

Servicing: 0120469030, 0120469043, 0120469050, 0120469102, 0120469521, 0120469532, 0120469772, 0120484001, 0120488224, 0120489707

ID 9.00, **OD** 11.00/20.00, **OD/ collar** 20.00, **Length** 8.00, **Height/ collar** 2.45



138244 Mounting Bushing

Replacing: f00m147005, 1120322508, 1120322017

Servicing: 0120000001, 0120000002, 0120335008, 0120485015, 0123110007, 0123115008, 0123115010, 0123115011, 0123310016, 0123315008

ID 10.60, **OD** 18.00, **OD/ collar** 21.90, **Length** 20.00, **Height/ collar** 2.50



138245 Mounting Bushing

Replacing: 1120322501, 1120322018

Servicing: 0120335007, 0120485050, 0123115009, 0123115014, 0123520500, 0123525001, 0123525500, 0123525502, 0123525503

ID 10.30, **OD** 17.90/25.00, **Length** 26.50



138451 Mounting Bushing

Replacing: 1120322002

Servicing: 0120400617, 0120469008, 0120469020, 0120469021, 0120469585, 0120469648, 0120469670, 0120469680, 0120469681, 0120469722

ID 8.00, **OD** 13.00, **OD/ collar** 16.00, **Length** 21.00, **Height/ collar** 2.40



139245 Mounting Bushing

Replacing: 1120300515, 1120300500

Servicing: 0120465007, 0120465008, 0120465022, 0120465023, 0120485017, 0120485018, 0120485028, 0120489490, 0120489491, 0123310022

ID 10.20, **OD** 21.00, **Length** 18.00



139592 Mounting Bushing

Replacing: 1120322506, 1120322028

Servicing: 0120335006, 0120335007, 0123110009, 0123325003, 0123325004, 0123325008, 0123325013, 0123325500, 0123525501, 0123525504

ID 10.50, **OD** 18.00/24.90, **OD/ collar** 24.90, **Length** 26.50, **Height/ collar** 5.00

Pkg. 5



139966 Mounting Bushing

ID 10.00, **OD** 15.00, **Length** 13.00

Pkg. 5



139968 Mounting Bushing

Replacing: 1120300048

Servicing: 0120468093, 0120468135, 0120468144, 0120469018, 0120469033, 0120469044, 0124525085, 0124525186, 0124525194, 0124525203

ID 13.40, **OD** 21.30, **Length** 27.00

Pkg. 5



230079 Mounting Bushing

Replacing: f00m147002, 1120300509, 1120300026

Servicing: 0120469034, 0120469035, 0120469100, 0120469107, 0120469108, 0120469109, 0120469110, 0120469111, 0120469112, 0120469113

ID 12.50, **OD** 21.00, **Length** 22.00



230508 Mounting Bushing

Replacing: 1120322030

Servicing: 0120468140, 0120468150, 0120468154, 0120468159, 0120468160, 0120468162

ID 10.20, **OD** 20.20, **Length** 22.00



230910 Mounting Bushing

Replacing: 1120322003

Servicing: 0120400632, 0120400633, 0120400664, 0120400667, 0120400668, 0120400683, 0120400684, 0120400701, 0120400720, 0120400755

ID 10.20, **OD** 16.80/21.50, **OD/ collar** 21.50, **Length** 13.00, **Height/ collar** 2.50

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Available while stock last, * Program development.



231257 Mounting Bushing

Replacing: f00m147001

Servicing: 0124415004, 0124415006

OD 21.00, **Length** 20.00



231560 Mounting Bushing

Replacing: 6033gc8305, 1120322505

Servicing: 0120335011, 0120335012, 012033501C, 0120468131, 0120468132, 1125883087, 1125883088, 6033GB3035, 6033GD1016, 6033gd1017

ID 10.00, **OD** 18.20/22.00, **OD/ collar** 22.00, **Length** 15.00, **Height/ collar** 2.45



233569 Mounting Bushing

Replacing: 1120322005

Servicing: 0120400699, 0120400700, 0120400712, 0120400713, 0120400728, 0120400754, 0120400773, 0120400774, 0120400800, 0120400830

ID 10.40, **OD** 16.50/26.00, **OD/ collar** 26.00, **Length** 13.00, **Height/ collar** 2.55



233574 Mounting Bushing

Replacing: f00m147003

Servicing: 0120000033, 0124225018, 0124225041, 0124225049, 0124325163, 0124325171, 0124415023, 0124425005, 0124425010, 0124425015

OD 18.00, **OD/ collar** 22.00, **Length** 21.00, **Height/ collar** 2.00



233920 Mounting Bushing

Replacing: 1120300516

Servicing: 0123320028, 0123510070, 0123510092, 0123515024, 012351502E, 0123520004, 0123520019, 0123520020, 0123520021, 0123520026

OD 21.00, **Length** 25.00

Pkg. 5



233995 Rubber Bushing

Replacing: 1120390005

Servicing: 0120469837, 0120469838, 0120469882, 0120469883, 0120469915, 0120469916, 0120469935, 0120469994, 0120469995, B120500460

ID 8.10, **OD** 24.10, **Length** 28.10



234001 Rubber Bushing

Replacing: 1120206002

Servicing: 0120469837, 0120469838, 0120469882, 0120469883, 0120469915, 0120469916, 0120469935, 0120469994, 0120469995, B120500460

ID 15.00, **OD** 27.00, **Length** 6.00

Pkg. 10



234002 Rubber Bushing

Replacing: 1120206003

Servicing: 0120469838, 0120469882, 0120469883, 0120469915, 0120469916, 0120469935, 0120469994, 0120469995, B120500972

ID 15.00, **OD** 27.00, **Length** 8.50

Pkg. 10



234265 Mounting Bushing

Replacing: 1120300033

Servicing: 0120450018, 0120450019, 0120450020, 0120450021, 0120450022, 0120450023, 0120450024, 0120450025, 0120450026, 0120450027

ID 10.84, **OD** 21.07, **Length** 29.57

Pkg. 5



235788 Mounting Bushing

Replacing: F00M147010

Servicing: 0120000019, 0124325052, 0124425013, 0124425029, 0124425037, 0124425071, 0124515113, 0124555005, 0124555010, 0124555061

ID M10, **OD** 17.96, **Length** 19.01

Mounting Bushing Kits



131820 Mounting Bushing Kit

Servicing: 0120400752, 0120400753, 0120400767, 0120400768, 0120469538, 0120469539, 0120469593, 0120469594, 0120469595, 0120469617

ID 8.00, **OD** 15.00, **OD/ collar** 21.95, **Length** 25.00, **Height/ collar** 2.45



131821 Mounting Bushing Kit

Servicing: 0120400752, 0120400753, 0120400767, 0120400768, 0120489036, 0120489037, 0120489038, 0120489039, 0120489045, 0120489046

ID 8.20, **OD** 15.00, **OD/ collar** 19.00, **Length** 51.00, **Height/ collar** 2.00

All measurements are in mm, unless else stated.
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133641 Mounting Bushing Kit

Servicing: 0120469617, 0120469618, 0120469619

ID 8.15, **OD** 15.00, **OD/ collar** 19.00, **Length** 56.00, **Height/ collar** 1.90

Bearing Retainer Plates

Pkg. 5



135369 Bearing Plate

Replacing: 1121038018, 1121038005

Servicing: 0120335006, 0120335007, 0120335008, 0120335010, 0120335011, 0120335012, 012033501C, 0120400634, 0120400635, 0120400636

ID 24.00, **ID/ threaded hole** M4, **OD** 50.20, **Thickness** 3.10, **Dist. mount. holes** 39.15, **No./ mount. holes** 4, **Gasket** w/o

Pkg. 5



135608 Bearing Plate

Replacing: F00M146809, f00m146803, 1121038501, 1121038017, 1121038015

Servicing: 0120000002, 0120000013, 0120000016, 0120000018, 0120000030, 0120000032, 0120000036, 0120400728, 0120465003, 0120465004

ID 28.00, **OD** 58.50, **Thickness** 1.95, **No./ mount. holes** 4, **Gasket** w/o



136007[#] Bearing Plate

Replacing: 2120516011

Servicing: 0120600515, 0120600525, 0120600539, 0120600543, 0120600544, 0120600554, 0120600558, 0120600561, 0120600562, 0120600563

ID 40.30, **OD** 89.70, **Thickness** 12.90, **No./ mount. holes** 4, **Gasket** w/o



136015 Bearing Plate

Replacing: 1120033009

Servicing: 0120600592, 0120689520, 0120689522, 0120689523, 0120689526, 0120689527, 0120689528, 0120689530, 0120689531, 0120689533

ID 41.50, **OD** 90.00, **Thickness** 10.15, **No./ mount. holes** 4, **Gasket** w/o

Pkg. 5



137090 Bearing Plate

Replacing: 1120136000

Servicing: 0120400633, 0120400664, 0120400667, 0120400668, 0120400683, 0120400684, 0120400695, 0120400701, 0120400712, 0120400713

ID 24.75, **OD** 69.70, **Thickness** 4.00, **No./ mount. holes** 4, **Gasket** w/o

Pkg. 5



137409 Bearing Plate

Replacing: F00M146802, f00m146801, 1121038500, 1121038019

Servicing: 0120000015, 0120000017, 0120000023, 0120000033, 0120000037, 0120335006, 0120335007, 0120335008, 0120335010, 0120335011

ID 26.00, **ID/ threaded hole** M4, **OD** 50.40, **Thickness** 2.60, **Dist. mount. holes** 39.30, **No./ mount. holes** 4, **Gasket** w/o

Pkg. 5



138093 Bearing Plate

Replacing: 6033GC8189, 1121038020

Servicing: 0120468131, 0120468132, 0120468135, 0120468144, 0120468146, 0120468155, 0120468161, 0120469033, 0120469044, 0120469104

ID 50.00, **OD** 70.00, **Thickness** 4.00, **No./ mount. holes** 4, **Gasket** w/o

Pkg. 5



138248 Bearing Plate

Replacing: 1120551005, 1120551000

Servicing: 0101302083, 0101302084, 0101302107, 0101302108, 0101304005, 0101304006, 0120300510, 0120300511, 0120300512, 0120300513

ID 22.60, **Thickness** 1.80, **No./ mount. holes** 2, **Gasket** w/o



230975 Bearing Plate

Replacing: F00M146812, F00M146808, f00m146800

Servicing: 0120000001, 0120000019, 0120000035, 0123310050, 0123310053, 0123310054, 0123310055, 0123320067, 0123510089, 0123510093

ID 41.70, **ID/ threaded hole** M4, **OD** 64.20, **Thickness** 3.60, **No./ mount. holes** 4

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.



234362 Bearing Plate

Replacing: 1121038016

Servicing: 0120468028, 0120468054, 0120468055, 0120468136, 0120468147, 0120489682, B120500078, B120500603, B120500671

ID 30.50, **Thickness** 2.00, **No./ mount. holes** 4

Bearing Springs

Pkg. 10



140438 Spring

Replacing: 1120150000

Servicing: 0120484041, 0120600575, 0121600511, 0121600512, 0121600514, 0121600515, 0121600518, 0121600519, 0121600520, 9102080073

ID 22.50, **OD** 29.70, **Thickness** 0.35, **Material** Steel

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Bearing Caps

Pkg. 5



131828 Bearing Cap

Replacing: 1120591082

Servicing: 0001125009, 0001125010, 0120400704, 0120400705, 0120400758, 0120400759, 0120400806, 0120400807, 0120400808, 0120400809

ID 32.00, **OD** 35.00, **Height** 15.00

Pkg. 10



132769 Bearing Cap

Replacing: 1120591075

Servicing: 0120400806, 0120400807, 0120400810, 0120400866, 0120400867, 0120421142, 0120421401, 0120468007, 0120468008, 0120468013

ID 34.00, **OD** 35.00, **Height** 42.00

Pkg. 5



135237 Bearing Cap

Replacing: 1120591103, 1120591076

Servicing: 0120000016, 0120000036, 0120335008, 0120335010, 0120465003, 0120465004, 0120465006, 0120465007, 0120465008, 0120465009

ID 40.00, **OD** 43.00, **Height** 16.60

Pkg. 5



135407 Bearing Cap

Replacing: 1120591511, 1120591509, 1120591116, 1120591102

Servicing: 0120335006, 0120335007, 0120335011, 0120335012, 012033501C, 0123110004, 0123110009, 0123215001, 0123310010, 0123310011

OD 42.90, **Height** 47.00

Pkg. 5



136235 Bearing Cap

Replacing: 1120591060

Servicing: 0120400728, 0120450010, 0120450015, 0120468028, 0120468037, 0120468053, 0120468054, 0120468055, 0120468065, 0120468066

ID 32.00, **OD** 35.00, **Height** 18.80

Pkg. 10



139929 Bearing Cap

Replacing: f00m146901, f00m146900

Servicing: 0120000001, 0120000002, 0120000013, 0120000019, 0120000023, 0120000030, 0120000032, 0120000033, 0120000035, 01240AC5HB

ID 35.00, **OD** 37.75, **Height** 50.00

For 6003: HC-CARGO 140273.

Alternative no.: B139929

Pkg. 10



140910 Tolerance Ring

Replacing: 140910

Servicing: 0120469684, 0120469685, 0123320002, 0123335003

ID 54.00, **OD** 55.10, **Height** 11.75

Pkg. 5



232294 Bearing Cap

Servicing: 01220AA000, 01220aa0b0, 01220aa0d0, 01220aa0r0, 01220aa1a0, 01220AA1H0, 01220aa1j0, 01220aa1p0, 01220AA1S0, 01220aa2a0

ID 40.00, **OD** 43.00, **Height** 15.00

Pkg. 10



236530 Bearing Cap

Replacing: F00M146902

Servicing: 0124525195, 0124615023, 0124615026, 0124615031, 0124625010, 0124625018, 0124625026, 0124625028

ID 34.90/20.50, **OD** 44.00/37.90/21.40, **Height** 29.75

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



239924 Bearing Cap

Replacing: F00M345001

Servicing: 0121615021, 0121615121, 0125711017, 0125711059, F000BL0672, F000BL0675, F000BL06P0

ID 37.89, **OD** 35.01, **Height** 17.26



330220 Bearing Cap

Replacing: f00m146906

Servicing: 0124555018, 0124555035, 0124615039, 0124625062, 0124625066, 0124625067, 0124625069, 0124625071, 0124625072, 0124625076

ID 40.01, **OD** 43.01, **Height** 50.77

Pkg. 5



330817 Bearing Cap

Replacing: f00m146904

Servicing: 0120000018, 01240AC30B, 01240AD39A, 01240AD39B, 0124225053, 0124225054, 0124225060, 0124225061, 0124315040, 0124325054

ID 34.94, **OD** 37.93, **Height** 49.88

Various

Pkg. 5



134552 Spring

Replacing: 1120150001

OD 26.65



134554 Ring

Replacing: 1120591091

Servicing: 0120465007, 0120465008, 0120465022, 0120465023, 0120465031, 012046503B, 0120468007, 0120468008, 0120468013, 0120468014

Pkg. 10



134557 Plug Retaining Clip

Replacing: 1124682000

Servicing: 0120400505, 0120400600, 0120400601, 0120400602, 0120400603, 0120400606, 0120400607, 0120400608, 0120400609, 0120400611

Total length 67.85, **Thickness** 1.20, **Width** 21.15

Pkg. 10



134558 Plug Retaining Clip

Replacing: 1124682002

Servicing: 0120300518, 0120300519, 0120300522, 0120300523, 0120300530, 0120300531, 0120300536, 0120300537, 0120300540, 0120300545

Total length 52.90, **Thickness** 1.20, **Width** 24.15

Pkg. 10



138436 Rubber Bushing

ID 14.00, **OD** 19.20, **Length** 12.70

Covers



134560 S.R.E. Cover

Replacing: 1125500054

Servicing: 0120468042, 0120468043, 0120469868, 0120469869, 0120469876, 0120469877, 0120469901, 0120469902, B120500536, B120500537



135239 S.R.E. Cover

Replacing: 1125500167, 1125500156, 1125500062

Servicing: 0120485025, 0120485026, 0120485047, 0123310004, 0123310026, 0123310028, 0123310042, 0123320004, 0123320020, 0123320022



135240 S.R.E. Cover

Replacing: 1125500623, 1125500190, 1125500117, 1125500116, 1125500086, 1125500058

Servicing: 0120485011, 0120485012, 0120485022, 0123310005, 0123310008, 0123310041, 0123315005, 0123320010, 0123320011, 0123320029



135241 S.R.E. Cover

Replacing: 1125500603, 1125500128, 1125500108

Servicing: 0120485034, 0120485036, 0120485038, 0120485039, 0120485043, 0120485044, 0123310001, 0123310002, 0123310003, 0123310018

Alternative no.: 135379

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Available while stock last, * Program development.



135379[#] S.R.E. Cover

Replacing: 1125500077

Servicing: 0120485015, 0123310016

Alternative no.: 135241



135386 S.R.E. Cover

Replacing: 1125500564, 1125500185, 1125500152, 1125500085

Servicing: 0120335006, 0120335007, 0120335011, 0120335012, 0123110004, 0123110009



135398 S.R.E. Cover

Replacing: 1125500607, 1125500123, 1125500110

Servicing: 0120465020, 0120465021, 0123505005, 0123505010, 0123510001, 0123510005, 0123510006, 0123510007, 0123510026, 0123510027



135442 S.R.E. Cover

Replacing: 1125500079

Servicing: 0120485029, 0120485030, 0123310014, 0123320014, B120411324



135548 S.R.E. Cover

Replacing: 1125500562, 1125500174, 1125500125

Servicing: 0120485020, 0120485023, 0120485032, 0120485045, 0120485046, 0123114005, 0123310007, 0123310031, 0123320003, 0123320009



135607 S.R.E. Cover

Replacing: 1125500192, 1125500119

Servicing: 0120465003, 0120465004, 0120465013, 0120465014, 0120465015, 0120465016, 0120465017, 0123500001, 0123500002, 0123505017



136395 S.R.E. Cover

Replacing: 1125500647, 1125500519

Servicing: 0123310015, 0123310029, 0123310053, 9123310029, B120411528



136484 S.R.E. Cover

Replacing: 1125500572, 1125500510, 1125500154

Servicing: 0123100001, 0123100002, 0123110005, 0123110007, 0123120001, 9123100002, 9123110005, 9123120001



136486 S.R.E. Cover

Replacing: 1125500120, 1125500072

Servicing: 0120468005, 0120468075, 0120468076, 0120468077, 0120468078, 0120468104, 0120468105, 0120468110, 0120468111, 0120469004



136705 S.R.E. Cover

Replacing: 1125500635, 1125500583, 1125500518

Servicing: 0123310010, 0123310011, 0123310012, 0123310013, 0123320068



136772 S.R.E. Cover

Replacing: 1125500168

Servicing: 0123212001



136833 S.R.E. Cover

Replacing: 1125500568, 1125500511, 1125500165

Servicing: 0123500008, 0123500009, 0123505001, 0123505002, 0123505003, 0123505004, 0123510043, 0123510062, 0123510063, 0123510069

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136848[#] S.R.E. Cover

Replacing: 1125500044

Servicing: 0120488139, 0120488140, 0120488141, 0120488151, 0120488152, 0120488188, 0120488221, 0120488222, 0120488223, 0120488235



136860 S.R.E. Cover

Replacing: 1125500179

Servicing: 0120465007, 0120465008, 0120465022, 0120465023, 0123505007, 0123505009, 0123510014, 0123510061, 0123510070



137144 S.R.E. Cover

Replacing: 1125500551, 1125500111

Servicing: 0120465031, 012046503B



137145 S.R.E. Cover

Replacing: 1125500157

Servicing: 0123315004, 0123510052



137146 S.R.E. Cover

Replacing: 1125500608, 1125500501

Servicing: 0123505011, 0123505012, 0123505013, 0123510046, 0123510047, 0123515013, 0123515014, 0123515017, 0123515018, 0123515020



137147 S.R.E. Cover

Replacing: 1125500543

Servicing: 0123510031



137438 S.R.E. Cover

Replacing: 1125500135

Servicing: 0123500004, 0123500005, 0123500006, 0123510017, 0123545001, 0123545002, 0123545003, B120510078, B120510079



137445 S.R.E. Cover

Replacing: 1125500646, 1125500614, 1125500546

Servicing: 0123310023, 0123310048, 0123310050, 0123310054, 0123310055, 0123320050, 0123320067, 9123310048, 9123369023



137450 S.R.E. Cover

Replacing: 1125500172

Servicing: 0120485028, 0123310022, 0123310043, 0123310044, 0123310047, 0123310050, 0123315503, 0123320016, 0123320052, 0123320053



137828 S.R.E. Cover

Replacing: 1125500023

Servicing: 0120689503, 0120689505, 0120689506, 0120689508, 0120689511, 0120689512, 0120689513, 0120689515, 0120689516, 0120689517



138095 S.R.E. Cover

Replacing: 1125500112

Servicing: 0120485048, 012048504J, 9120485048



138097 S.R.E. Cover

Replacing: 1125500627, 1125500177

Servicing: 0123325002, 0123325003, 0123325012, 0123325013, 0123325014, 9123325002



138098 S.R.E. Cover

Replacing: 1125500523, 1125500144

Servicing: 0120465009, 0120465010, 0120465011, 0123505018, 0123510008, 0123510009, 0123510099, 0123515003, 0123515008, 0123515009

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[#]Available while stock last, ***** Program development.



138099 S.R.E. Cover

Replacing: 1125500527, 1125500148

Servicing: 0120465023, 0123505008, 0123505009, 0123510008, 0123510015, 0123510028, 0123510033, 0123510045, 0123510071, 0123510088



138100[#] S.R.E. Cover

Replacing: 1125500187

Servicing: 0123510003, 0123510052



138101 S.R.E. Cover

Replacing: 1125500188

Servicing: 0123310006, 0123320012, 9123320012



138102 S.R.E. Cover

Replacing: 1125500521

Servicing: 0123510004, 0123510018, 0123510021, 0123510023, 0123510038, 0123510039, 0123510044, 0123510049, 0123510050, 0123510051



138103 S.R.E. Cover

Replacing: 1125500525

Servicing: 0123500007, 0123510020, 0123510064



138104 S.R.E. Cover

Replacing: 1125500533

Servicing: 0123315016, 0123315021



138105[#] S.R.E. Cover

Replacing: 1125500541

Servicing: 0123310027, 0123320021



139003 S.R.E. Cover

Replacing: 1125500584

Servicing: 0123515001, 0123515002, 0123515010, 0123515023, B120510510



139023 S.R.E. Cover

Replacing: 1125500504

Servicing: 0123510013



139031 S.R.E. Cover

Replacing: 1125500566, 1125500558, 1125500556, 1125500515

Servicing: 0123315008, 0123315015, 0123315017, 0123315018, 0123315019, 0123325006, 9123315019, 9123690003



139262 S.R.E. Cover

Replacing: 1125500136

Servicing: 0123214002



139656 S.R.E. Cover

Replacing: F00M196012, F00M146793, F00M146743, f00m146639, f00m146605, f00m126603

Servicing: 0120000015, 0120000017, 0120000037, 0124215006, 0124225012, 0124225033, 0124225034, 0124315001, 0124315002, 0124315003



139809 S.R.E. Cover

Replacing: 1125500617, 1125500528

Servicing: 0123515004, 0123515022, 9123515022



139926 S.R.E. Cover

Replacing: f00m196006, f00m146609, F00M146047, F00M146029, F00M146005

Servicing: 0120000033, 0124225001, 0124225002, 0124225004, 0124225009, 0124225018, 0124225022, 0124225023, 0124225024, 0124225025



139928 S.R.E. Cover

Replacing: f00m196008, f00m146715, f00m146626, F00M146011

Servicing: 0120000002, 0120000019, 0120000030, 0120000032, 01240AD7EB, 0124225013, 0124225014, 0124225015, 0124225019, 0124225020



230125 S.R.E. Cover

Replacing: 1125500610

Servicing: 0123100003, 0123110008, B120310013



230178 S.R.E. Cover

Replacing: f00m146642, f00m146641, f00m146631

Servicing: 0124215001, 0124215002, 0124215003, 0124215004, 0124215005, 0124215007, 0124225016, 0124225026, 0124225027, 0124225060



230184 S.R.E. Cover

Replacing: 1125500596

Servicing: 0120000016, 0120000036, 0123510068, 0123510079, 0123510081, 0123510082, 0123510100, 0123510101, 0123510102, 0123510107



230235 S.R.E. Cover

Replacing: 1125500581, 1125500577, 1125500531, 1125500131, 1125500121, 1125500063

Servicing: 0120465007, 0120465026, 0120465027, 0120465028, 0123510010, 0123510011, 0123510029, 0123510030, 0123510037, 0123510048



230974 S.R.E. Cover

Replacing: f00m146650

Servicing: 0124225010, 0124225011, 0124225050



231165 S.R.E. Cover

Replacing: 1125500643

Servicing: 0123510108, 0123520025



231168 S.R.E. Cover

Replacing: 1125500545

Servicing: 0123515007



231188 S.R.E. Cover

Replacing: 1125500529

Servicing: 0123315013, 0123325010



231794[#] S.R.E. Cover

Replacing: 1125500576

Servicing: 0123110006



232177 S.R.E. Cover

Replacing: 1125500586

Servicing: 0123510060, 0123512500, 0123512501, 0123512502, 0123515500, 0123520015, 0124515503



232178 S.R.E. Cover

Replacing: 1125500634

Servicing: 0123520017, 0123520029, 9123520017



232179 S.R.E. Cover

Replacing: 1125500625

Servicing: 0123315022, 0123315023, 0123325011, 0123325015, 9123325011



232180 S.R.E. Cover

Replacing: f00m146617

Servicing: 0124225013, 0124225014, 0124225015, 0124225019, 0124320001, 0124325008, 0124415007, 0124415013, 0124415014, 0124515001



232192 S.R.E. Cover

Replacing: f00m146644

Servicing: 0124555056, 0124555553, 0124615002, 012461500C, 0124615027

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[#]Available while stock last, ***** Program development.



232210 S.R.E. Cover

Replacing: 1125500588

Servicing: 0123315500, 0123315502, 0123315503



232431 S.R.E. Cover

Replacing: 1125500535

Servicing: 0123505014, 0123505016



232457 S.R.E. Cover

Servicing: 01220AA000, 01220aa0b0, 01220AA0D0, 01220aa0r0, 01220aa1a0, 01220AA1H0, 01220aa1j0, 01220aa1p0, 01220aa2a0, 0122468015



232833 S.R.E. Cover

Replacing: f00m146622

Servicing: 0124415004, 0124415006



233479 S.R.E. Cover

Replacing: 1125500517

Servicing: 0123310017, 0123310030



233575 S.R.E. Cover

Replacing: 1125500604

Servicing: 0123325005, 0123325006



233588 S.R.E. Cover

Replacing: f00m146675

Servicing: 0124315015, 0124315016, 0124315024, 0124315025, 0124315029, 0124315033, 0124315034, 0124325071, 0124325079, 0124325085



233653 S.R.E. Cover

Replacing: F00m146707

Servicing: 0124515050, 0124515097

Alternative no.: B233653



233721 S.R.E. Cover

Replacing: 1125500579

Servicing: 0123320035, 0123320058



233725 5★ S.R.E. Cover

Manufacturer: Bosch

Replacing: f00m146718, f00m146661, F00M146053

Servicing: 0124415009, 0124415025, 0124415026, 0124425004, 0124425019, 0124425023, 0124425026, 0124425033, 0124425048, 0124425053

Alternative no.: 333366



233866 S.R.E. Cover

Replacing: 1125500578

Servicing: 0123325004, 0123325008



233972 S.R.E. Cover

Replacing: 1125500621

Servicing: 0123520500, 0123525500, 0123525502, 0123525503



234131 S.R.E. Cover

Replacing: 1125500553

Servicing: 0123310033



234150 S.R.E. Cover

Replacing: F00M146790, f00m146692

Servicing: 0124325030, 0124325062, 0124325072, 0124325087, 0124515051, 0124515098, 0124525042, 0124525045



234228 S.R.E. Cover

Replacing: 1125500559, 1125500087

Servicing: 0120335008, 0123115008, 0123115010, 0123115011, 9120336000

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234235 S.R.E. Cover

Replacing: 1125500509

Servicing: 0123115012, 0123115013



234527 S.R.E. Cover

Replacing: 1125500641

Servicing: 0123525501



234549 PA Cover

Replacing: F00M196001, F00M146652

Servicing: 0120000013, 0120000035, 0124325039, 0124325040, 0124325045, 0124325046, 0124325077, 0124325089, 0124325093, 0124325105



234658 S.R.E. Cover

Replacing: F00M146781, F00M146780, F00M146076, F00M146069

Servicing: 0120525034, 0124525034, 0124525035, 0124525063, 0124525126, 0124525206, 0124525526, 0124555056, 0124555553, 0124615002



234660# S.R.E. Cover

Replacing: 1125500633

Servicing: 0123510093



234759 S.R.E. Cover

Replacing: 1125500104

Servicing: 0120465018, 0123213007



234769 S.R.E. Cover

Replacing: F00M146753, F00M146659, F00M146083

Servicing: 0001000007, 0120000018, 0124415035, 0124555001, 0124555002, 0124555004, 0124555008, 0124555009, 0124555011, 0124555013



235178 S.R.E. Cover

Replacing: 1125500503

Servicing: 0123115009, 0123115014, 1123115009, 1123115014



235254 S.R.E. Cover

Replacing: f00m196004, F00M146712, f00m146071

Servicing: 0124625002, 0124625004, 0124625014, 0124625015, 0124625019, 0124625033, 0124625045



235261 S.R.E. Cover

Replacing: 1125500636, 0125500636

Servicing: 0123325500



235318 S.R.E. Cover

Replacing: f00m146618

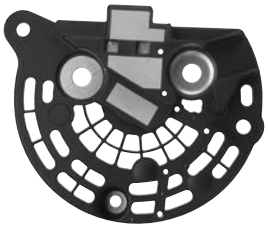
Servicing: 0124325010

NEW PRODUCT
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235483 S.R.E. Cover

Replacing: 1125500064

Servicing: 0120465006, 0120465012, 0120465029, 0123213005, 0123213006, B120510074, B120510075



236529 S.R.E. Cover

Replacing: F00M146768, F00M146767

Servicing: 0124615023, 0124615031, 0124625013, 0124625018

NEW PRODUCT
www.hc-cargo.com

237264 S.R.E. Cover

Replacing: F00M146750

Servicing: 0124615026, 0124625026, 0124625028

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237631 S.R.E. Cover

Replacing: 1125500594

Servicing: 0123315501, 0123315506, 0123320042, 0123320043



237638 S.R.E. Cover

Replacing: F00MA46021, F00M146710

Servicing: 0124515087, 0124515090



237912 S.R.E. Cover

Replacing: 1125500645

Servicing: 0123515500, 0123515501, 0123515502, 0123515503, 0123520015, 0123520030, 0124515503



239640 S.R.E. Cover

Replacing: F00M146050, f00m146049

Servicing: 0124555032, 0124555044, 0124555045, 0124555046, 0124555058, 0124555065, 0124555069, 0124555071, 0124555072, 0124555077



239898 S.R.E. Cover

Replacing: 1125500640

Servicing: 0123310051, 0123310052



330951 S.R.E. Cover

Replacing: F00M348608

Servicing: 0120000007, 0120000008, 0121615013, 0121615019, 0121615020, 0121615025, 0121615026, 0121615029, 0121715004, 0121715030

NEW PRODUCT
www.hc-cargo.com

331681 S.R.E. Cover

Replacing: F00M146799, F00M146798

Servicing: 0124525048, 0124525083, 0124525524

NEW PRODUCT
www.hc-cargo.com

332655 S.R.E. Cover

Replacing: F00M508202

Servicing: 0125711001, 0125711007, 0125711017, 0125711039, 0125711058, 0125711059, 0125711083, 0125711086, 0125711101, 0125711102

NEW PRODUCT
www.hc-cargo.com

333366 S.R.E. Cover

Replacing: f00m146718, f00m146661, F00M146053

Servicing: 0124325168, 0124425053, 0124425061



333543 S.R.E. Cover

Replacing: F00M196001, F00M146652

Servicing: 0124325038, 0124325039, 0124325040, 0124325045, 0124325077, 0124325089, 0124325093, 0124325105, 0124325117, 0124325169

Cover Parts

Various



231279 Grommet

Replacing: 1120312000

Servicing: 0120469641, 0120469667, 0120689503, 0120689505, 0120689506, 0120689507, 0120689508, 0120689511, 0120689513, 0120689515

S.R.E. cover: HC-CARGO 137828.

Regulators

14 Volt



130013 Regulator

Replacing: 9191337311, 1197311047, 0192052007

Servicing: 0120489565, 0120489566, 0120489583, 0120489584

14.7 **V setting**, **Dist. mount. holes** 65.25, **D+ type** Spade, **Regulator type** Electronic *Slip ring O.D. 28.00 mm.*

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



130613 Regulator

Replacing: 9190110032

14.7 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic



130652 Regulator

Replacing: 0986192005

Servicing: AA125

14.5 **V setting**, **Dist. mount. holes** 59.70



130675 Regulator

Replacing: 9190087011, 9190087006, 9190085001, 0192062007, 0192062006, 0192062005, 0192062004, 0192062002

Servicing: 0120300512, 0120300514, 0120300516, 0120300518, 0120300519, 0120300523, 0120300530, 0120300531, 0120300535, 0120300536

14.7 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic

Adjustable type: HC-CARGO 136325.



130676 Regulator

Replacing: 9191337305, 2197311090, 1197311090, 1197311002, 1197311001, 1197311000, 0192052031, 0192052028

Servicing: AA108, 0120300562, 0120339502, 0120339503, 0120339504, 0120339505, 0120339506, 0120339509, 0120339510, 0120339511

14.7 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic

Alternative no.: 333253 5★, B130676



130958 Regulator

Replacing: 9191337303, 9121337079, 2197311028, 2197311021, 1197311050, 1197311048, 1197311028, 1197311024

Servicing: 0120339533, 0120339534, 0120468001, 0120468002, 0120468003, 0120468006, 0120468009, 0120468010, 0120468013, 0120468014

14.7 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic

Slip ring O.D. 28.00 mm.

Alternative no.: 333254 5★, B130958



131297 Regulator

Replacing: 9190457002

Servicing: 9120450014, 9120450018, 9120450031, 9120450120, 9120450137

14.2 **V setting**, **Dist. mount. holes** 66.70



131375 Regulator

Replacing: 0192052030

Servicing: 0120489157, 0120489158, 0120489163, 0120489164, 9120144230, 9120144231

14.7 **V setting**, **Dist. mount. holes** 66.00, **Regulator type** Electronic

Slip ring O.D. 28.00 mm.



131460 Regulator

Replacing: 0986192019

Servicing: 0123320019

14.4 **V setting**, **Dist. mount. holes** 44.00, **Terminal type** S-G-F



132666 Regulator

Replacing: 2197311032, 2197311029, 1197311045, 1197311043, 1197311031, 1197311030, 1197311029, 0192052035

Servicing: 0120468028, 0120469013, 0120469028, 0120469029, 0120469522, 0120469526, 0120469532, 0120469540, 0120469629, 0120469630

14.7 **V setting**, **Dist. mount. holes** 65.20, **Regulator type** Electronic

Gasket: HC-CARGO 136435. Slip ring O.D. 28.00 mm.



132737 Regulator

Replacing: f010rs0201, 9191337307, 9191337306, 9191337302

Servicing: 9120080215, 9120080222, 9120080225, 9120144256, 9120144257, 9120144258, 9120144259, 9120144260, 9120144261, 9120144262

14.7 **V setting**, **Dist. mount. holes** 63.85, **Regulator type** Electronic

Slip ring O.D. 28.00 mm.



132980 Regulator

Replacing: 2197311022, 1197311800, 1197311035, 1197311023, 1197311022, 1197311009, 1197311008, 1197311007

Servicing: 0120468009, 0120468010, 0120468011, 0120468012, 0120468015, 0120468016, 0120468035, 0120468036, 0120468045, 0120468046

14.6 **V setting**, 90 **Amp**, **Dist. mount. holes** 62.20, **Regulator type** Electronic, **Resistor** w/

w/ 68 Ohm resistor. Slip Ring O.D. 28.00 mm.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



133095 Regulator

14.6 **V setting**, **Dist. mount. holes** 63.45,
Regulator type Electronic
Slip ring O.D. 32.00 mm.



133501 Regulator

14.5±0.6 **V/ adjustable**,
Dist. mount. holes 62.70,
Regulator type Electronic
As HC-CARGO 130676, but w/ adjustable voltage. Slip ring O.D. 32.00 mm.



133993 Regulator

Replacing: 1197311039, 1197311018
Servicing: 0120484043, 0120484044, 0120484047, 0120484048, 0120488214, 0120488215, 0120488303, 0120489467, 0120489476, B120402382
14.8 **V setting**, **Dist. mount. holes** 64.40,
Resistor w/
w/ 68 Ohm resistor. Slip Ring O.D. 28.00 mm.



134342 Regulator

15 **V setting**, **Dist. mount. holes** 64.00
As HC-CARGO 130676. Slip Ring O.D. 32.00 mm.



134687 Regulator

Replacing: 1197311548, 1197311528, 1197311522, 1197311519, 1197311277, 1197311238, 1197311237, 1197311236
Servicing: 0120335010, 0120465007, 0120465008, 0120465009, 0120465010, 0120465011, 0120465020, 0120465021, 0120465023, 0120465026
14.5 **V setting**, **Dist. mount. holes** 55.00,
Regulator type Electronic
Slip ring O.D. 14.00 mm.
Alternative no.: 333262 5★



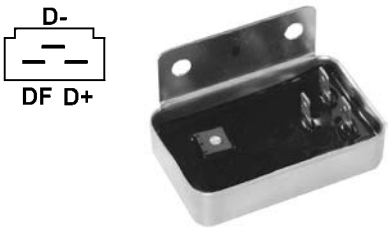
134761 Regulator

Replacing: 1197311556, 1197311533, 1197311242, 1197311219, 1197311217, 1197311213, 1197311211
Servicing: 0120000016, 0120000036, 0120465003, 0120465004, 0120465012, 0120465013, 0120465014, 0120465015, 0120465016, 0120465017
14.5 **V setting**, **Dist. mount. holes** 55.00,
Regulator type Electronic, **Resistor** w/,
Not insulated return
w/ 180 Ohm resistor. Slip Ring O.D. 14.00 mm.
Alternative no.: 333260 5★



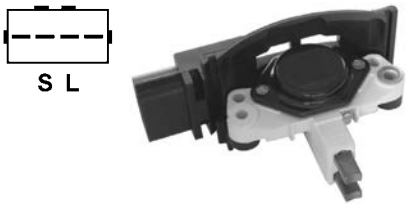
135797 Regulator

Replacing: 2197311026, 1197311041, 1197311040, 1197311038, 1197311037, 1197311027, 1197311026, 1197311013
Servicing: 0120339547, 0120468004, 0120468005, 0120468007, 0120468008, 0120468013, 0120468014, 0120468017, 0120468018, 0120468019
14.5 **V setting**, **Dist. mount. holes** 64.00,
Regulator type Electronic
Slip ring O.D. 28.00 mm.



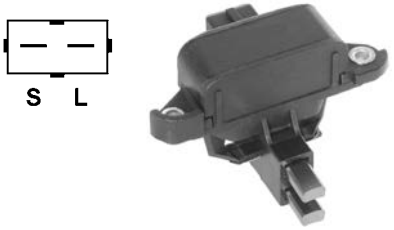
136325 Regulator

Dist. mount. holes 39.50,
Regulator type Electronic
As HC-CARGO 130675, but adjustable.



136468 Regulator

Replacing: 1197311526, 1197311251
Servicing: 0120335008, 0123115008, 0123115010, 0123115011, 9120336000
14.5 **V setting**, **Dist. mount. holes** 55.50,
Regulator type Electronic, **Battery sensor** w/
Slip ring O.D. 14.00 mm.



136554 Regulator

Replacing: 9190067020, 9190067019, 9190067017, 9190067016
Servicing: 0120484030, 0120484031, 0120484032, 0120484033, 0120484034, 0120484036, 0120484037, 0120484038, 0120484039, 0120484042
14.4 **V setting**, **Dist. mount. holes** 63.85,
Regulator type Electronic
Slip ring O.D. 28.00 mm.

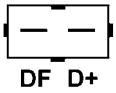


136555 Regulator

Replacing: 9190067018
Servicing: 0120484028, 0120488296, 0120488297, 9120060023, 9120060027
14.4 **V setting**, **Dist. mount. holes** 63.80,
Regulator type Electronic, **Terminal type** S-L
Slip ring O.D. 28.00 mm.
Alternative no.: 333274 5★

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.





137117 Regulator

Replacing: 1197311531, 1197311530, 1197311500

Servicing: 0123325005, 0123325006, 0123505011, 0123505012, 0123505013, 0123510046, 0123510047, 0123515014, 0123515017, 0123515018

14.5 **V setting**, **Dist. mount. holes** 58.42, **Regulator type** Electronic, **Capacitor** w/o, **Resistor** w/o

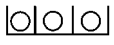
Slip ring O.D. 14.00 mm.



137127 Regulator

Dist. mount. holes 62.70, **Regulator type** Electronic, **Resistor** w/

Ajustable version of HC-CARGO 133378. 120 Ohm resistor. Ring O.D. 28.00 mm.





137183 Regulator

Replacing: 1197311523

Servicing: 0123310015, 0123310023, 0123310029, 0123310048, 0123310050, 0123310053, 0123310054, 0123310055, 0123320050, 0123320067

14.3 **V setting**, **Dist. mount. holes** 53.70, **Regulator type** Electronic

Slip ring O.D. 14.00 mm.



137342 Regulator

Replacing: 1197311514, 1197311513, 1197311239, 1197311235, 1197311234, 1197311232

Servicing: 0120465006, 0120465018, 0120485045, 0120485046, 0120485047, 0123213005, 0123213006, 0123213007, 0123310007, 0123310017

14.5 **V setting**, **Dist. mount. holes** 53.00, **Regulator type** Electronic, **Resistor** w/

w/ 68 Ohm resistor. Slip Ring O.D. 14.00 mm.



137406 Regulator

Replacing: 1197311231, 1119311231

Servicing: 0120485050

14.5 **V setting**, **Dist. mount. holes** 54.25, **Regulator type** Electronic

Slip ring O.D. 14.00 mm.



138108 Regulator

Replacing: 1197311553, 1197311552, 1197311551, 1197311550, 1197311517, 1197311512, 1197311241, 1197311240

Servicing: 0120335006, 0120335007, 0120335011, 0120335012, 012033501C, 0123110004, 0123110007, 0123110009, 0123310010, 0123310011

14.4 **V setting**, **Dist. mount. holes** 55.30, **Regulator type** Electronic

Slip ring O.D. 14.00 mm.

Alternative no.: 333269 5★



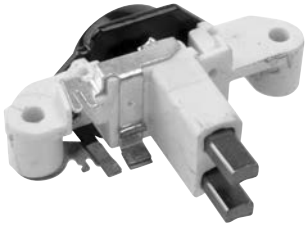
138109 Regulator

Replacing: 1197311555, 1197311520, 1197311518

Servicing: 0123315016, 0123315021, 0123505014, 0123505015, 0123505016, 0123510108, 0123520025

14.3 **V setting**, **Dist. mount. holes** 54.60, **Regulator type** Electronic

Slip ring O.D. 14.00 mm.



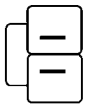
138110 Regulator

Replacing: 1197311521

Servicing: 0123320021, 0123510031

Dist. mount. holes 55.00, **Regulator type** Electronic

Slip ring O.D. 14.00 mm.





138139 Regulator

Replacing: 9191337309, 9191337308, 9191337073, 9121337708, 9121337308, 9121337073

Servicing: 6033GB4016, 9120334631, 9120334632, 9120335000, 9120335001

14.5 **V setting**, **Dist. mount. holes** 64.15, **Regulator type** Electronic, **Terminal type** L-S, **Battery sensor** w/

Slip ring O.D. 28.00 mm.





138287 Regulator

Replacing: 1197311503

Servicing: 0123115009, 0123115014

14.5 **V setting**, **Dist. mount. holes** 54.45, **Regulator type** Electronic

Slip ring O.D. 14.00 mm.



138310 Regulator

Replacing: 1197311511

Servicing: 0123505017, 0123505018, 0123505028, 0123510008, 0123510009, 0123510028, 0123515003, 0123515008, 0123515009, 0123515011

14.5 **V setting**, **Dist. mount. holes** 54.65, **Regulator type** Electronic

Slip ring O.D. 14.00 mm.

Alternative no.: 333248 5★





138925 Regulator

Replacing: 1197311509

Servicing: 0123315007, 0123315020

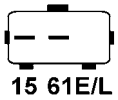
14.5 **V setting**, **Dist. mount. holes** 54.80, **Regulator type** Electronic

Slip ring O.D. 14.00 mm.

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.





138999 Regulator

Replacing: 1197311557, 1197311545, 1197311536, 1197311516, 1197311506

Servicing: 0123315013, 0123315022, 0123325010, 0123325011, 0123510002, 0123515002, 0123515004, 0123515007, 0123515010, 0123515022

14.5 **V setting**, **Dist. mount. holes** 54.15, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.



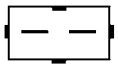
139044 Regulator

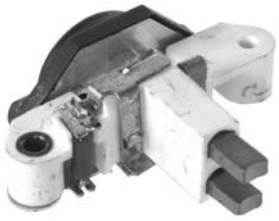
Replacing: F00M145680, f00m145370, f00m145363, F00M145282, F00M145281, F00M145260, f00m145231, f00m145201

Servicing: 0124225001, 0124225002, 0124225004, 0124225009, 0124225018, 0124225022, 0124225023, 0124225024, 0124225025, 0124225028

14.5 **V setting**, **Dist. mount. holes** 78.20, **D+ type** Screw, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.

Alternative no.: 333255 5★





139251 Regulator

Replacing: 1197311529

Servicing: 0123515013, 0123515028

14.1 **V setting**, **Dist. mount. holes** 52.30, **Regulator type** Electronic, **Resistor** w/
w/ 68 Ohm resistor. Slip Ring O.D. 14.00 mm.





139334 Regulator

Replacing: f00m145348, f00m145214, F00M144183

Servicing: 0124325063, 0124325064, 0124325161, 0124415004, 0124415006, 9124690002

14.5 **V setting**, **Dist. mount. holes** 77.00, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.

Alternative no.: 333270 5★

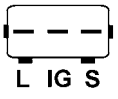


139854 Regulator

Replacing: 1197311540, 1197311527, 1127311527

Servicing: 0123100003, 0123110008, 0123310041, 0123320039, 0123320057, 0123325007, 0123500009, 0123505017, 0123510042, 0123510052

14.5 **V setting**, **Dist. mount. holes** 54.85, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.





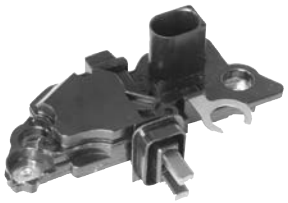
139872 Regulator

Replacing: 1197311510

Servicing: 0123325002, 0123325012, 0123325014, 9123325002

14.5 **V setting**, **Dist. mount. holes** 54.85, **Regulator type** Electronic,
Battery sensor w/
Slip ring O.D. 14.00 mm.





139925 Regulator

Replacing: F00MA45303, F00MA45232, F00MA45208, F00M145891, f00m145384, f00m145383, f00m145355, f00m145354

Servicing: 0120000001, 0120000002, 0120000015, 0124215006, 0124215008, 0124216006, 0124225012, 0124225032, 0124315001, 0124315002

14.5 **V setting**, **Dist. mount. holes** 80.30, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.

Alternative no.: 333252 5★





139933 Regulator

Replacing: f00m145389, f00m145346, F00M145269, f00m145240, f00m145206

Servicing: 0124225010, 0124225011, 0124225039, 0124225042, 0124325006, 0124325007, 0124515020, 0124515021

14.5 **V setting**, **Dist. mount. holes** 80.30, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.



230200 Regulator

Replacing: 1197311034

Servicing: 0120468028, 0120468055, 0120468155, 6033G001BY, 6033G3003B, B120500078, B120500671

14.1 **V setting**, **Dist. mount. holes** 64.15, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



230259 Regulator

Replacing: 1197311541

Servicing: 0123320040, 0123320044, 0123320045, 0123320046, 0123320047, 0123320049, 0123320051, 0123320058, 0123320060, 0123320061

14.3 **V setting**, **Dist. mount. holes** 53.65, **Regulator type** Electronic, **Resistor** w/
Slip ring O.D. 14.00 mm.



230455 Regulator

Replacing: 1197311032

Servicing: 0120484011, 0120484018, 0120484022, 0120484024, 0120484025, 0120484026, 0120484027, 0120484050, 0120484051, 0120488134

14.1 **V setting**, **Dist. mount. holes** 65.00, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.





230624 Regulator

Replacing: F00MA45234, f00m145387, f00m145239, f00m145204, F00M144111, F00M133320

Servicing: 0124325024, 0124325031, 0124325184, 0124325185, 0124415007, 0124415013, 0124415014, 0124415038, 0124415040, 0124415041

14.5 **V setting**, **Dist. mount. holes** 79.25, **Regulator type** Electronic
Insulator plug: HC-CARGO 238201. Slip ring O.D. 14.00 mm.

Alternative no.: 333257 5★



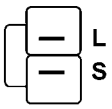


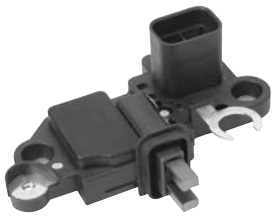
230994 Regulator

Replacing: F00MA45207, f00m145352, f00m145230, f00m145210

Servicing: 0124325117, 0124515018, 0124515019

14 **V setting**, **Dist. mount. holes** 77.85, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.



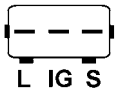


231130 Regulator

Replacing: f00m145347, f00m145207

Servicing: 0124325008, 0124325010, 0124515041, 9124690001

14.5 **V setting**, **Dist. mount. holes** 80.85, **Regulator type** Electronic, **Terminal type** L-S
Slip ring O.D. 14.00 mm.



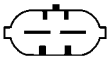


231237 Regulator

Replacing: 9191067059, 9191067049, 9191067046, 9191067043

Servicing: 0120484029, 9120061100, 9120061601, F005A00029, F005A00030

14.5 **V setting**, **Dist. mount. holes** 63.30, **Regulator type** Electronic, **Terminal type** S-L
Slip ring O.D. 28.00 mm.





231716 Regulator

Replacing: f00m145371, f00m145283, f00m145228, F00M144171

Servicing: 0124415009, 0124415025, 0124415026, 0124425004, 0124425019, 0124425048, 0124515032, 0124515033, 0124515081, 0124515095

14.5 **V setting**, **Dist. mount. holes** 78.15, **Regulator type** Electronic

Alternative no.: 333272 5★, 235700

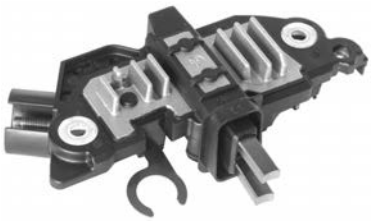


231758 Regulator

Replacing: 1197311044, 1197311033

Servicing: 0120484001, 0120484015, 0120484017, 0120484019, 0120484021, 0120484185, 0120484209, 0120488185, 0120488209, 6033GB2009

14.1 **V setting**, **Dist. mount. holes** 64.70, **Regulator type** Electronic



232193 Regulator

Replacing: f00m145674, f00m145270, f00m145252, f00m145243, f00m145232, F00M144189

Servicing: 0124515087, 0124515090, 0124525206, 0124615002, 012461500C, 0124615027

14.5 **V setting**, **Dist. mount. holes** 83.50, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.

Alternative no.: 333264 5★



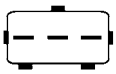


233372 Regulator

Replacing: 1197311230

Servicing: 0123115012, 0123115013

14.5 **V setting**, **Dist. mount. holes** 55.00, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.





233508 Regulator

Replacing: F00MA45210, f00m145361, f00m145255

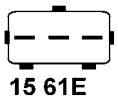
Servicing: 0124315019, 0124315027, 0124325094, 0124325100, 0124415016, 0124415029, 0124415030, 0124415031, 0124415032, 0124525021

14.5 **V setting**, **Dist. mount. holes** 79.00, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.

Alternative no.: 333258 5★

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.





233568 Regulator

Replacing: 1197311547, 1197311545

Servicing: 0123315022, 0123325011, 0123325015, 9123325011

14.3 **V setting**, **Dist. mount. holes** 55.00, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.





233587 Regulator

Replacing: F00M145874, f00m145873, f00m145865, F00M145392, f00m145376, F00M145334, f00m145324, F00M145305

Servicing: 0120000023, 01240AC30B, 01240AC5HB, 01240AD39A, 01240AD39B, 0124225051, 0124225052, 0124225053, 0124225054, 0124315015

14.4 **V setting**, **Dist. mount. holes** 77.75, **Regulator type** Electronic, **Terminal type** S-IG-L-DF
Slip ring O.D. 28.00 mm.



233729 Regulator

Replacing: f00m145358, F00M145248, F00M144139

Servicing: 0124325039, 0124325093, 0124325202, 0124515064, 0124515114, 0124615019, 0124615033, 0124625020

14.5 **V setting**, **Dist. mount. holes** 80.20, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.

Alternative no.: 333259 5★

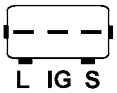


233774 Regulator

Replacing: 9190087005

14.5 **V setting**, **Dist. mount. holes** 41.55, **Regulator type** Electronic

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233864 Regulator

Replacing: 1197311539, 1197311532

Servicing: 0123325008

14.5 **V setting**, **Dist. mount. holes** 56.50, **Regulator type** Electronic
Slip ring O.D. 14.00 mm..



234630 Regulator

Replacing: 1197311222

Servicing: 0123320012, 0123320112, 9123320012

14.1 **V setting**, **Dist. mount. holes** 55.00, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.





234770 Regulator

Replacing: F00MA45233, f00m145394, F00M145286

Servicing: 0120525035, 0124525034, 0124525035

14.5 **V setting**, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.

Alternative no.: 333271 5★





234771 Regulator

Replacing: f00m145883, F00M145365, f00m145266, F00M144155

Servicing: 0124625002, 0124625004, 0124625019

14.3 **V setting**, **Dist. mount. holes** 79.30, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.

Alternative no.: 333256 5★

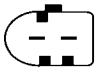


234779 Regulator

Replacing: f00m145632, f00m145362, f00m145259, f00m145257, f00m144167

Servicing: 0120000033, 0124225029, 0124225033, 0124225034, 0124225036, 0124225045, 0124225112, 0124225113, 0124225114, 0124225144

14.3 **V setting**, **Dist. mount. holes** 78.15, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.





235156 Regulator

Replacing: f00m145861, f00m145382, f00m145340, f00m145339, f00m145331, F00M144152, F00M144146

Servicing: 0120000035, 0124325038, 0124325040, 0124325045, 0124325157, 0124325158, 0124515041, 0124515047, 0124515048, 0124515055

14 **V setting**, **Dist. mount. holes** 83.40, **Regulator type** Electronic, **Terminal type** L-DFM, **Battery sensor** w/, **Capacitor** w/o, **Resistor** w/o, Not insulated return
Slip ring O.D. 14.00 mm.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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235207 Regulator

Replacing: f00m145357, F00M145247

Servicing: 0124325045, 0124325108, 0124325158, 0124515047, 0124515048, 0124515060, 0124615008, 0124615012, 0124615013, 0124615044

14.3 **V setting**, **Dist. mount. holes** 83.82, **Regulator type** Electronic, **Terminal type** I, **Battery sensor** w/o, **Capacitor** w/o, **Resistor** w/o, Not insulated return

Slip ring O.D. 14.00 mm.



235273 Regulator

Replacing: F00M145366, F00M145271, F00M144169

Servicing: 0124525016, 0124525085, 0124525143

14 **V setting**, **Dist. mount. holes** 83.00, **Regulator type** Electronic, **Battery sens or** w/o, **Capacitor** w/o, **Resistor** w/o, Not insulated return

Slip ring O.D. 16.00 mm.

Alternative no.: 333267 5★





235460 Regulator

Replacing: F00M255202, f00m255200, f00m225200

Servicing: 01220AA1H0, 01220aa1j0, 012220AA0B0, 012220AA0R0, 012220AA1A0, 0122468015

14.3 **V setting**





235528 Regulator

Replacing: f00m225401, 01229aa0x0

Servicing: 01220AA000, 01220aa0b0, 01220AA0C0, 01220AA0D0, 01220aa0r0, 01220aa1a0, 01220AA1P0, 01220aa2a0

14 **V setting**



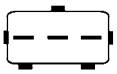


235536 Regulator

Replacing: f00m145356, f00m145244, F00M144137

Servicing: 0124225020

14.5 **V setting**, **Regulator type** Electronic





235537 Regulator

Replacing: f00m145672, f00m145235

Servicing: 0124225021

14.5 **V setting**, **Regulator type** Electronic



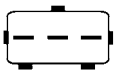
235548 Regulator

Replacing: F00MA45206, F00M145349, f00m145220

Servicing: 0124215001, 0124215002, 0124215003, 0124215004, 0124215005, 0124215007, 0124225016, 0124225026, 0124225027, 0124225038

14.5 **V setting**, **Dist. mount. holes** 79.00, **D+ type** Bolt, **Regulator type** Electronic

Alternative no.: 333261 5★



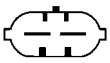


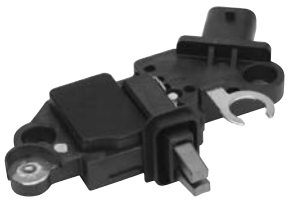
235549 Regulator

Replacing: F00MA45236, F00M145360, f00m145251, f00m145245

Servicing: 0124515050, 0124515052

14 **V setting**, **Dist. mount. holes** 80.00





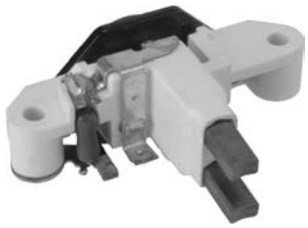
235700 Regulator

Replacing: f00m145364, f00m145265, F00M144168

Servicing: 0124525015, 0124525031

14.5 **V setting**, **Dist. mount. holes** 83.45, **Regulator type** Electronic, **Terminal type** L-DFM, **Battery sensor** w/o, **Capacitor** w/o, **Resistor** w/o, Not insulated return

Alternative no.: 333272 5★, 231716



235795 Regulator

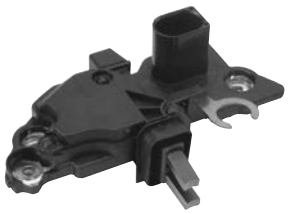
Replacing: 1197311549

Servicing: 0123320042, 0123320043, 0123510073, 0123520022

14.5 **V setting**, **Dist. mount. holes** 54.00, **Regulator type** Electronic

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235809 Regulator

Replacing: F00M145698, F00M144150

Servicing: 0124325169, 0124325170

Dist. mount. holes 78.00, **Regulator type** Electronic, **Battery sens or** w/o, **Capacitor** w/o, Not insulated return

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Available while stock last, * Program development.

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235822 Regulator

Replacing: F00M346048, f00m346036, F00M346020

Servicing: 0120000025, 0121813001, 0121813002, 0121813003, 0121813005, 0121813006, 0121813014, 0121813020

14.3 **V setting**, **Dist. mount. holes** 79.00, **Regulator type** Electronic, **Terminal type** COM, Not insulated return

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L DFM



235835 Regulator

Replacing: f00m145876, f00m145862, f00m145397, f00m145396, f00m145341, F00M145296, f00m145261

Servicing: 0120000017, 0120000037, 0124215008, 0124215009, 0124225012, 0124225032, 0124225040, 0124315002, 0124315003, 0124315004

14.6 **V setting**, **Dist. mount. holes** 79.40, **Regulator type** Electronic, Not insulated return

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235856 Regulator

Replacing: f00m145227

Servicing: 0124515008, 0124515043

14.7 **V setting**, **Dist. mount. holes** 79.00, **D+ type** Bolt, **Regulator type** Electronic

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COM



236002 Regulator

Replacing: F00MA45223, f00m145882, F00M145656, f00m145316, F00M145289, f00m145258

Servicing: 0124325030, 0124325062, 0124325072, 0124325087, 0124325099, 0124325116

14.3 **V setting**, **Dist. mount. holes** 78.00, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.

COM



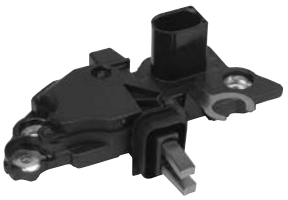
236455 Regulator

Replacing: F00MA45221, f00m145880, F00M145655, f00m145312, F00M145285, f00m145262

Servicing: 0124515051, 0124515098, 0124525042, 0124525045, 0124525048, 0124525059, 0399604014

14.3 **V setting**

COM



236707 Regulator

Replacing: F00MA45218, F00M145678, F00M145278

Servicing: 0124525026, 0124525080, 0124525523

13.8 **V setting**, **Dist. mount. holes** 83.50, **Regulator type** Electronic, **Capacitor** w/o, **Terminal type** COM, **Battery sensor** w/ **Resistor** w/o, Not insulated return

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COM



236714 Regulator

Replacing: F00MA45219, F00M145679, F00M145280

Servicing: 0124515105, 0124625026

14.3 **V setting**, **Dist. mount. holes** 80.00, **Regulator type** Electronic

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L DF/ DFM



236717 Regulator

Replacing: F00MA45237, f00m145375, f00m145368, F00M145276, F00M144181

Servicing: 0124525028, 0124525043, 0124525044, 0124525047, 0124525049, 0124525070, 0124525076, 0124525082, 0124525084, 0124525132

14.5 **V setting**, **Dist. mount. holes** 78.30, **Regulator type** Electronic

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L DFM



236820 Regulator

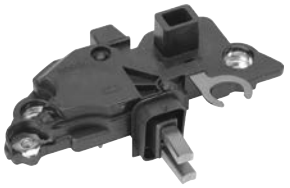
Replacing: f00m145372, F00M145287

Servicing: 0124325077, 0124515102, 0124615025, 0124625006

14.3 **V setting**, **Dist. mount. holes** 80.10, **Regulator type** Electronic

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L



237267 Regulator

Replacing: F00MA45211, f00m145369, f00m145351, F00M145279, f00m145229, f00m145208

Servicing: 0124515017, 0124515018, 0124515054, 0124525001, 0124525014, 0124525029, 0124525529, 0124625001, 0124625003

160 **Amp**, **Dist. mount. holes** 78.65

COM DFM



237270 Regulator

Replacing: f00m145385, f00m145367, F00M145293, F00M145272, F00M144147

Servicing: 0124515088, 0124515198, 0124615022, 0124615028, 0124625017, 0124625022

13.8 **V setting**, **Regulator type** Electronic

COM DFM



237736 Regulator

Replacing: f00m145884, f00m145374, F00M145292, F00M144156, F00M144132, f00m144108

Servicing: 0124625014, 0124625015, 0124625045

14.3 **V setting**, **Dist. mount. holes** 80.25, **Regulator type** Electronic

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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237816 Regulator

Replacing: F00M145335, F00M145321, F00M145304, F00M145303, F00M144131

Servicing: 0124325102, 0124325139, 0124325186, 0124425011, 0124425012, 0124425013, 0124425018, 0124425029, 0124425034, 0124425037

14 **V setting**, **Regulator type** Electronic



238936 Regulator

Replacing: 9190087003, 9121080303

Servicing: 9120080041, 9120080061, 9120080072, 9120080090, 9120080122, F000LD0108

14.3 **V setting**, **Dist. mount. holes** 64.50, **Regulator type** Electronic



330086 Regulator

Replacing: F00M145322

Servicing: 0124525063

14.8 **V setting**, 14.5±0.6 **V/ adjustable**, 7.5 **Amp**, **Dist. mount. holes** 79.00, **Regulator type** Electronic, **Capacitor** w/o, **Terminal type** COM, **Battery sensor** w/o, **Resistor** w/o, Not insulated return



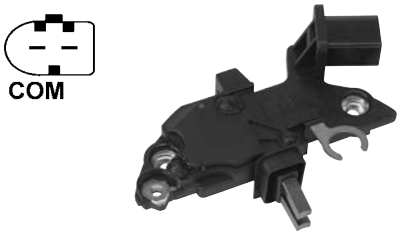
330088 Regulator

Replacing: f00m145670, F00M145226, F00M144172

Servicing: 0124425033, 0124425040, 0124425056, 0124425103, 0124515016, 0124525017, 0124525058, 0124525086, 0124525097, 0124525174

14.4 **V setting**, **Dist. mount. holes** 79.15, **D+ type** Spade, **Regulator type** Electronic, **Terminal type** L-DFM, Not insulated return

Alternative no.: 333265 5★



330094 Regulator

Replacing: f00m145309

Servicing: 0124525054, 0124525055

150 **Amp**, **Dist. mount. holes** 79.00, **Regulator type** Electronic, **Terminal type** COM



330116 Regulator

Replacing: F00M346097, F00M346056, F00M346019, f00m346005

Servicing: 0120000003, 0120000029, 0121615005, 0121615006, 0121615007, 0121615008, 0121615009, 0121615014, 0121615021, 0121615028

Dist. mount. holes 79.00, **Regulator type** Electronic



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330189 Regulator

Replacing: F00M145875, F00M145332

90 **Amp**, **Dist. mount. holes** 79.00, **Regulator type** Electronic, **Terminal type** S-IG-L-DF/DFM



330196 Regulator

Replacing: f00m145345

Servicing: 0124325163, 0124325171, 0124325172, 0124425050, 0124425059, 0124425060

100 **Amp**, **Dist. mount. holes** 79.00, **Regulator type** Electronic, **Terminal type** L-DFM

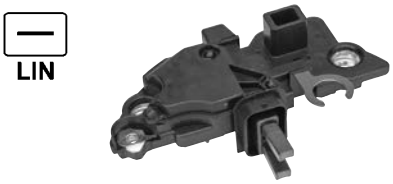


330331 Regulator

Replacing: FOOM346087, F00M346087, F00M346026, F00M346015, F00M346010

Servicing: 0120000024, 0121615001, 0121615002, 0121615003, 0121615044, 0121615101, 0121615103, 0121715004, 0125711017, 0125711018

14.5 **V setting**, 10 **Amp**, **Regulator type** Electronic, **Battery sensor** w/o, **Capacitor** w/, **Resistor** w/o, Not insulated return



330587 Regulator

Replacing: f00ma45212, F00M145379, f00m145311

Servicing: 0124525060, 0124525061, 0124525521, 0124525522, 0124625024, 0124625025

14.4 **V setting**, **Dist. mount. holes** 79.00, **Regulator type** Electronic, **Capacitor** w/o, **Resistor** w/o



330676 Regulator

Replacing: F00M346089, f00m346033, f00m346013

Servicing: 0121715012, 0121715016, 0121715017, 0121715018, 0121715112, 0121715116, 0121715118

Dist. mount. holes 79.00, **Regulator type** Electronic, **Terminal type** COM, **Battery sensor** w/o, **Capacitor** w/o

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



330805 Regulator

Replacing: F00M346137, F00M346096, F00M346054, F00M346028

Servicing: 0121715003, 0121715042, 0121715047, 0121715103, 0121715142

Dist. mount. holes 79.00,
Regulator type Electronic,
Terminal type L-DFM, **Battery sensor** w/o



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330846* Regulator

Replacing: F00M145662, F00M144197, F00M144180

Servicing: 0124525113, 0124525114, 0124525115, 0124525116, 0124525187, 0124525188, 0124525200, 0124525223

Dist. mount. holes 79.00,
Regulator type Electronic,
Terminal type COM, **Capacitor** w/o

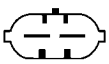


330949 Regulator

Replacing: F00M346136, F00M346095, F00M346053, F00M346029

Servicing: 0121615013, 0121615025, 0121615029, 0121615129, 0121715004

Dist. mount. holes 79.00,
Regulator type Electronic,
Terminal type L-DFM, **Battery sensor** w/o



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331535 Regulator

Replacing: F00M145342

Servicing: 0124325168, 0124425043, 0124425044, 0124425053, 0124425061

Dist. mount. holes 83.36,
Regulator type Electronic,
Terminal type L-DFM,
Battery sensor w/, **Capacitor** w/o,
Resistor w/o, Not insulated return



332016 5★ Regulator

Manufacturer: Bosch

Replacing: f00m346080

Servicing: 0121715006, 0121715007, 0121715014, 0121715015, 0121715029, 0121715107, 0121715114

14.5 **V setting**, **Dist. mount. holes** 79.00,
Regulator type Electronic, **Terminal type** COM



332132 Regulator

Replacing: F00M144160, F00M144109

Servicing: 0124325163, 0124325171, 0124325172, 0124325221, 0124425050, 0124425057, 0124425058, 0124425059, 0124425060, 0124425084

Dist. mount. holes 79.00, **Terminal type** L-DFM,
Regulator type Electronic, **Battery sensor** w/o
Alternative no.: 333273 5★



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332889* Regulator

Replacing: F00MA45220, F00M145866

Servicing: 0124525126, 0124525526

Regulator type Electronic,
Terminal type COM, **Bracket** No,
Not insulated return



333244 5★ Regulator

Manufacturer: Bosch

Replacing: F00MA45300

Servicing: 0124315007, 0124315037, 0124325013, 0124325015, 0124325025, 0124325032, 0124325033, 0124325090, 0124325091, 0124325092

14.5 **V setting**, **Dist. mount. holes** 79.00,
Regulator type Electronic



333248 5★ Regulator

Manufacturer: Bosch

Replacing: 1197311511

14.5 **V setting**, **Dist. mount. holes** 54.65,
Regulator type Electronic
Slip ring O.D. 14.00 mm.
Alternative no.: 138310



333252 5★ Regulator

Manufacturer: Bosch

Replacing: F00MA45303, F00MA45232, F00MA45208, F00M145891, f00m145384, f00m145383, f00m145355, f00m145354

Servicing: 0124525050

14.5 **V setting**, **Dist. mount. holes** 80.00,
Regulator type Electronic
Slip ring O.D. 14.00 mm.
Alternative no.: 139925



333253 5★ Regulator

Manufacturer: Bosch

Replacing: 9191337305, 2197311090, 1197311090, 1197311002, 1197311001, 1197311000, 0192052031, 0192052028

Servicing: AA108

14.7 **V setting**, **Dist. mount. holes** 64.25,
Regulator type Electronic
Alternative no.: 130676

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



333254 5★ Regulator

Manufacturer: Bosch

Replacing: 2197311021, 1197311048, 1197311028, 1197311024, 1197311021, 1197311012, 1197311011, 1197311010

14.7 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.
Alternative no.: 130958, B130958



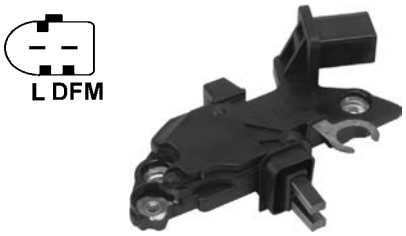
333255 5★ Regulator

Manufacturer: Bosch

Replacing: F00M145680, f00m145370, f00m145363, F00M145282, F00M145281, F00M145260, f00m145231, f00m145201

Servicing: 0124425015

14.5 **V setting**, **Dist. mount. holes** 78.20, **D+ type** Screw, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.
Alternative no.: 139044



333256 5★ Regulator

Manufacturer: Bosch

Replacing: f00m145883, F00M145365, f00m145266, F00M144155

Servicing: 0124625002, 0124625019

14.3 **V setting**, **Dist. mount. holes** 79.30, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.
Alternative no.: 234771



333257 5★ Regulator

Manufacturer: Bosch

Replacing: F00MA45234, f00m145387, f00m145239, f00m145204, F00M144111

Servicing: 0124325024, 0124325031, 0124325185, 0124415007, 0124415013, 0124415038, 0124415041, 0124415043

14.5 **V setting**, **Dist. mount. holes** 79.25, **Regulator type** Electronic
Insulator plug: HC-CARGO 238201. Slip ring O.D. 14.00 mm.
Alternative no.: 230624



333258 5★ Regulator

Manufacturer: Bosch

Replacing: F00MA45210, f00m145361, f00m145255

Servicing: 0124315019, 0124315027, 0124325100, 0124415016, 0124415030, 0124415032

14.5 **V setting**, **Dist. mount. holes** 79.00, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.
Alternative no.: 233508



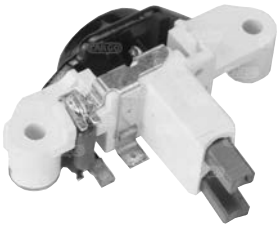
333259 5★ Regulator

Manufacturer: Bosch

Replacing: f00m145358, F00M145248, F00M144139

Servicing: 0124325039, 0124325093, 0124515064, 0124515114

14.5 **V setting**, **Dist. mount. holes** 80.20, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.
Alternative no.: 233729



333260 5★ Regulator

Manufacturer: Bosch

Replacing: 1197311556, 1197311533, 1197311242, 1197311219, 1197311217, 1197311213, 1197311211

14.5 **V setting**, **Dist. mount. holes** 55.00, **Regulator type** Electronic, **Resistor** w/, Not insulated return
w/ 180 Ohm resistor. Slip Ring O.D. 14.00 mm.
Alternative no.: 134761



333261 5★ Regulator

Manufacturer: Bosch

Replacing: F00MA45206, F00M145349, f00m145220

Servicing: 0124225016, 0124225035, 0124225061, 0124325009, 0124325058, 0124325059, 0124325060, 0124325145, 0124325146, 0124325148

14.5 **V setting**, **Dist. mount. holes** 79.00, **D+ type** Bolt, **Regulator type** Electronic
Alternative no.: 235548



333262 5★ Regulator

Manufacturer: Bosch

Replacing: 1197311548, 1197311528, 1197311522, 1197311277, 1197311238, 1197311237, 1197311236, 1197311233

14.5 **V setting**, **Dist. mount. holes** 55.00, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.
Alternative no.: 134687

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



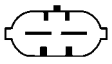
333264 5★ Regulator

Manufacturer: Bosch

Replacing: f00m145674, f00m145270, f00m145252, f00m145243, f00m145232, F00M144189

Servicing: 0124515087, 0124515090, 0124615002, 0124615027

14.5 **V setting**, **Dist. mount. holes** 83.50, **D+ type** Bolt, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.
Alternative no.: 232193





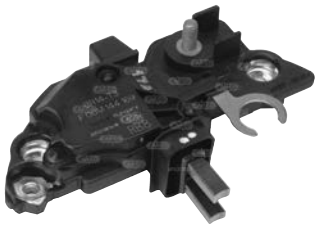
333265 5★ Regulator

Manufacturer: Bosch

Replacing: f00m145670, F00M145226, F00M144172

Servicing: 0124425033, 0124425056

14.4 **V setting**, **Dist. mount. holes** 79.15, **D+ type** Spade, **Regulator type** Electronic, **Terminal type** L-DFM, Not insulated return
Alternative no.: 330088



333267 5★ Regulator

Manufacturer: Bosch

Replacing: F00M145366, F00M145271, F00M144169

Servicing: 0124525016, 0124525143

14 **V setting**, **Dist. mount. holes** 83.00, **D+ type** Bolt, **Regulator type** Electronic, **Battery sensor** w/o, **Capacitor** w/o, **Resistor** w/o, Not insulated return
Slip ring O.D. 16.00 mm.
Alternative no.: 235273



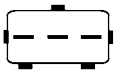
333269 5★ Regulator

Manufacturer: Bosch

Replacing: 1197311553, 1197311552, 1197311551, 1197311550, 1197311517, 1197311512, 1197311241, 1197311240

Servicing: 0120335007, 0123110007, 0123310010, 0123310011, 0123310012, 0123310013, 0123310051, 0123310052, 0123510010, 0123510095

14.4 **V setting**, **Dist. mount. holes** 55.30, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.
Alternative no.: 138108





333270 5★ Regulator

Manufacturer: Bosch

Replacing: f00m145348, f00m145214, F00M144183

14.5 **V setting**, **Dist. mount. holes** 77.00, **Regulator type** Electronic, **Terminal type** L-DFM
Slip ring O.D. 14.00 mm.
Alternative no.: 139334





333271 5★ Regulator

Manufacturer: Bosch

Replacing: F00MA45233, f00m145394, F00M145286

Servicing: 0124525034, 0124525035

14.5 **V setting**, **Dist. mount. holes** 79.00, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.
Alternative no.: 234770





333272 5★ Regulator

Manufacturer: Bosch

Replacing: f00m145371, f00m145283, f00m145228, F00M144171

Servicing: 0124415009, 0124415025, 0124415026, 0124425004, 0124425019, 0124515032, 0124515033, 0124515081, 0124515095, 0124515096

14.5 **V setting**, **Dist. mount. holes** 78.15, **Regulator type** Electronic
Alternative no.: 231716, 235700





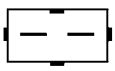
333273 5★ Regulator

Manufacturer: Bosch

Replacing: F00M144160, F00M144109

Servicing: 0124425057, 0124425059, 0124425096, 0124425097

Dist. mount. holes 79.00, **Regulator type** Electronic, **Terminal type** L-DFM, **Battery sensor** w/o
Alternative no.: 332132





333274 5★ Regulator

Manufacturer: Bosch

Replacing: 9190067018

14.4 **V setting**, **Dist. mount. holes** 63.80, **Regulator type** Electronic, **Terminal type** S-L
Slip ring O.D. 28.00 mm.
Alternative no.: 136555

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

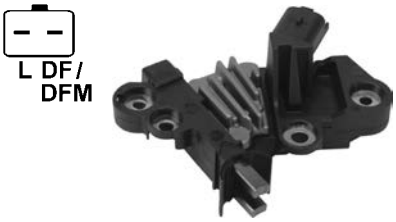
O.E.M. names and numbers are used for reference purposes only.



333275 5★ Regulator
Manufacturer: Bosch
Replacing: F00M144143
Dist. mount. holes 78.90,
Regulator type Electronic



333276 5★ Regulator
Manufacturer: Bosch
Replacing: F00M144157
Servicing: 0124525054, 0124525055, 0124525195, 0399604015
Dist. mount. holes 79.30,
Regulator type Electronic



333277 5★ Regulator
Manufacturer: Bosch
Replacing: F00M346102
Servicing: 0121715001
Dist. mount. holes 79.00,
Regulator type Electronic



333278 5★ Regulator
Manufacturer: Bosch
Replacing: F00MA45213, f00m145389
Servicing: 0124225011, 0124515021
14.5 **V setting**, **Dist. mount. holes** 79.00,
Regulator type Electronic



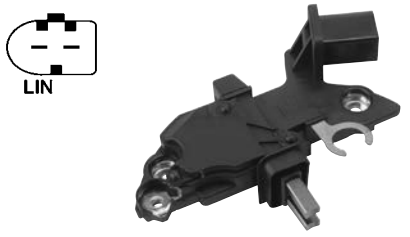
333279 5★ Regulator
Manufacturer: Bosch
Replacing: F00MA45228
Servicing: 0124325008, 0124325010
14.5 **V setting**, **Dist. mount. holes** 79.00,
Regulator type Electronic



333280 5★ Regulator
Manufacturer: Bosch
Replacing: F00MA45238
14.5 **V setting**, **Dist. mount. holes** 79.00,
Regulator type Electronic

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333324* Regulator
Replacing: f00m145886, f00m145378, f00m145310, F00M144158
Servicing: 0124415040, 0124625023



333334 Regulator
Replacing: f00m145887, F00M145399, F00M144159
Servicing: 0124625033
Dist. mount. holes 79.00,
Regulator type Electronic

NEW PRODUCT
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333357 Regulator
Replacing: F00M346165, F00M346074
Servicing: 0121615032, 0121615132, 0121715058, 0121715158, 0125711001, 0125711005, 0125711024, 0125711045, 0125711046, 0125711058



333556 5★ Regulator
Manufacturer: Bosch
Replacing: F00M144197
Servicing: 0124525113, 0124525114, 0124525115, 0124525116, 0124525187, 0124525188, 0124525200, 0124525215, 0124525220, 0124525223
Dist. mount. holes 79.00,
Regulator type Electronic,
Terminal type COM, **Capacitor** w/o,
Not insulated return
Alternative no.: 330846



333562 5★ Regulator
Manufacturer: Bosch
Replacing: F00M346098, F00M346057
Servicing: 0121615011, 0121715009, 0121715109
Dist. mount. holes 79.00,
Regulator type Electronic, **Terminal type** COM
Alternative no.: 333613



333569 5★ Regulator
Manufacturer: Bosch
Replacing: F00MA45207, f00m145352, f00m145210
Servicing: 0124325117
14 **V setting**, **Dist. mount. holes** 79.00,
Regulator type Electronic, **Terminal type** I,
Capacitor w/o, Not insulated return
Alternative no.: 230994

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.





333575 5★ Regulator

Manufacturer: Bosch

Replacing: F00M346139

Servicing: 0121715049, 0121715050, 0121715051, 0121715071, 0121715076, 0121715077, 0121715078, 0121715080, 0121715171, 0121715176

Dist. mount. holes 79.00, **Regulator type** Electronic, **Terminal type** COM

Alternative no.: 333621

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333613* Regulator

Replacing: F00M346098

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333621* Regulator

Replacing: F00M346139

28 Volt



130015 Regulator

Replacing: 0190700003, 0190700002, 0190700001

Servicing: 0120400640, 0120400688, 0120400690, 0120400760, 0120400762, 0120400763, 0120400790, 0120400829, 0120400878

28 **V setting**, **Dist. mount. holes** 39.50, **D+ type** Spade, **Regulator type** Electronic



130592 Regulator

Replacing: 0192053027, 0192053008, 0192053007, 0192053004, 0192053002, 0192053001

Servicing: 0120339537, 0120339538, 0120339557, 0120399558, 0120469509, 0120489410, 0120489412, 0120489414, 0120489612, 0120489638

28.3 **V setting**, **Dist. mount. holes** 66.00, **Regulator type** Electronic

Slip ring O.D. 32.00 mm.



130610 Regulator

Replacing: 9190333704

28.3 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic



130677 Regulator

Replacing: 0192033004, 0192033002, 0192033001

Servicing: 0120400633, 0120400636, 0120400683, 0120400694, 0120400695, 0120400696, 0120400699, 0120400700, 0120400715, 0120400755

28.3 **V setting**, **Dist. mount. holes** 39.25, **Terminal type** D-DF-D+



130678 Regulator

Replacing: 0192033005, 0192033003

Servicing: 0120400617, 0120400720, 0120400754, 0120400774, 0120400791, 0120400796, 0120400797, 0120400805, 0120400826, 0120400830

28.3 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic, **Terminal type** D-/DF/D+/L



130960 Regulator

Replacing: 9190087014, 0192053023, 0192053022, 0192053018, 0192053017, 0192053016, 0192053013, 0192053011

Servicing: 0120469520, 0120469521, 0120469527, 0120469562, 0120469569, 0120469579, 0120469580, 0120469691, 0120469752, 0120469753

28.3 **V setting**, **Dist. mount. holes** 65.50, **Regulator type** Electronic

Slip ring O.D. 28.00 mm.



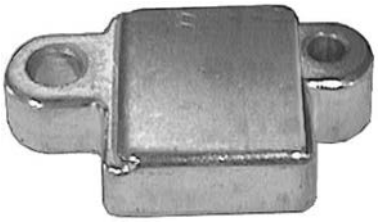
131340 Regulator

Replacing: 9190457051, 9190457001, 1197311315, 0192053025, 0192053014, 0192053012, 0192053009, 0192053003

Servicing: 0120689502, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689511, 0120689512

28.8 **V setting**, **Dist. mount. holes** 64.00, **Regulator type** Electronic

Alternative no.: 333245 5★



131527 Regulator

Replacing: 0986192020

27.5 **V setting**, **Dist. mount. holes** 42.00, **Terminal type** S-G-F

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



132903 Regulator

Replacing: 6033rd0002, 2197311301, 1197311306, 1197311305, 1197311301

Servicing: 0120468053, 0120468054, 0120468107, 0120468113, 0120468115, 0120468136, 0120468137, 0120468138, 0120468143, 0120468147

28 **V setting**, **Dist. mount. holes** 63.70, **Regulator type** Electronic
Gasket: HC-CARGO 136435. Slip ring O.D. 28.00 mm.

Alternative no.: 333251 5★



133781 Regulator

Replacing: 0192053019

28.8 **V setting**, **Dist. mount. holes** 64.35
Slip ring O.D. 28.00 mm.



135856 Regulator

Replacing: 6033rd2006, 1197311324, 1197311304

Servicing: 0120468037, 0120468053, 0120468065, 0120468066, 0120468093, 0120468094, 0120468107, 0120468113, 0120468114, 0120468116

28.5 **V setting**, **Dist. mount. holes** 63.90, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.

Alternative no.: 5★



136433 Regulator

Replacing: 1197311313

Servicing: 0120488234, 0120488283, B120402620, B120402789

28 **V setting**, **Dist. mount. holes** 64.35, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.



136545 Regulator

Replacing: 1197311327, 1197311312, 1197311308, 0192053020, 0192053015, 0190053020

Servicing: 0120468132, 0120468140, 0120468161, 0120469024, 0120469036, 0120469037, 0120469041, 0120469043, 0120469693, 0120469796

28.5 **V setting**, 55 **Amp**, **Dist. mount. holes** 63.90, **Regulator type** Electronic, Insulated return
Slip ring O.D. 28.00 mm.

Alternative no.: 333247 5★



137152 Regulator

Replacing: 9190457048, 9190457003, 9152053021, 1197311320, 1197311319, 0192053021

Servicing: 0120689518, 0120689524, 0120689531, 0120689534, 0120689538, 0120689539, 0120689545, 0120689550, 0120689553, 0120689555

28 **V setting**, **Dist. mount. holes** 64.60, **Regulator type** Electronic, Insulated return
Slip ring O.D. 28.00 mm.



137217 Regulator

Replacing: 1197311318, 1197011000, 0192053024, 0192053010, 0190053010

Servicing: 0120689519, 0120689529, 0120689536, 0120689537, 0120689544, 0120689547, 0122469001, 0122469002, 0122469003, 0122469004

28 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic, Insulated return
w/o brushes.



137723 Regulator

Replacing: 9191337310

Servicing: 0120469103, 6033GB3047

28 **V setting**, **Dist. mount. holes** 64.00, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.

Alternative no.: 333266 5★



138292 Regulator

Replacing: 1197311310

Servicing: 0120488206, 0120488294, 0120488298, 6033G2004B, 6033G2067B, B120402592

28 **V setting**, **Dist. mount. holes** 64.80, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.



138293 Regulator

Replacing: 1197311323

Servicing: 0120469050, 0120469102, 0120469120, 6033G3082B

28.5 **V setting**, **Dist. mount. holes** 65.00, **Regulator type** Electronic
Gasket: HC-CARGO 136435. Slip ring O.D. 28.00 mm.

Alternative no.: 333249 5★



138756 Regulator

Replacing: 1197311309

29 **V setting**, **Dist. mount. holes** 65.60, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.

Alternative no.: 333268 5★

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



230006 Regulator

Replacing: 1197311316

Servicing: 0120689552, 0120689562, 0120689566, 0120689572, 0120689573, 0120689574, 0120689575, 0120689582, 0120689583, 0120689585

28.5 **V setting**, **Dist. mount. holes** 65.00, **Regulator type** Electronic

Alternative no.: 333246 5★



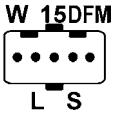
230007 Regulator

Replacing: 1197311325

Servicing: 0120689559, 0120689584

29 **V setting**, **Dist. mount. holes** 64.00, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.

Alternative no.: 333250 5★





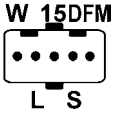
231523 Regulator

Replacing: f00m145299, f00m145267, f00m144118, F00M144102

Servicing: 0124555003, 0124555036, 0124555038, 0124555040, 0124555041, 0124555052, 0124655003, 0124655036, 0124655037, 0124655039

28.3 **V setting**, **Dist. mount. holes** 77.45, **Regulator type** Electronic

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233117 Regulator

Replacing: f00m145297, f00m145246, F00M144120, f00m144119, f00m144103

Servicing: 0120000019, 0124555005, 0124555006, 0124555009, 0124555010, 0124555017, 0124555018, 0124555020, 0124555027, 0124555028

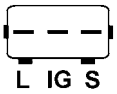
28.3 **V setting**, **Dist. mount. holes** 76.30, **Regulator type** Electronic,
Terminal type W-L-15-S-DFM



233632 Over Voltage Protection Unit

Replacing: 0192900007

Overvoltage protection.



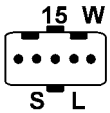


234112 Regulator

Replacing: 1197311543, 0123500520

Servicing: 0123500520, 0123520500, 0123525001, 0123525500, 0123525502, 0123525503

28.3 **V setting**, **Dist. mount. holes** 55.00, **Regulator type** Electronic
Slip ring O.D. 14.00 mm.





234522 Regulator

Replacing: 1197311558, 1197311554

Servicing: 0123325500, 0123525501, 0123525504

28.5 **V setting**, **Dist. mount. holes** 55.00, **Regulator type** Electronic
Slip ring O.D. 16.00 mm.

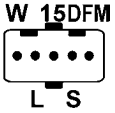


234783 Regulator

Replacing: 2127311001

Servicing: 0120389567, 0120689567

28 **V setting**, **Dist. mount. holes** 64.15, **Regulator type** Electronic
Slip ring O.D. 32.00 mm.



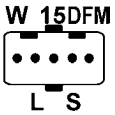


235703 Regulator

Replacing: f00m145307, f00m145302, f00m145298, F00M145256, f00m144123, F00M144107

Servicing: 0120000018, 0124355001, 0124355002, 0124355014, 0124555001, 0124555002, 0124555004, 0124555007, 0124555008, 0124555011

28.3 **V setting**, **Dist. mount. holes** 79.00, **Regulator type** Electronic,
Not insulated return





237569 Regulator

Replacing: F00M145300, F00M145294, f00m144122, f00m144106

Servicing: 0124555013, 0124555014, 0124555024, 0124555034, 0124555056, 0124555553, 0124655009, 0124655011, 0124655025, 0124655026

28.5 **V setting**
The regulating voltage of this regulator will be 256 V w/o the car. Communication w/o the car will make the regulator regulate at 28.5 V.



333245 5★ Regulator

Manufacturer: Bosch

Replacing: 9190457051, 9190457001, 1197311315, 0192053025, 0192053014, 0192053012, 0192053009, 0192053003

28.8 **V setting**, **Dist. mount. holes** 64.00, **Regulator type** Electronic
Alternative no.: 131340

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



333246 5★ Regulator

Manufacturer: Bosch

Replacing: 1197311316

28.5 **V setting**, **Dist. mount. holes** 65.00, **Regulator type** Electronic
Alternative no.: 230006



333247 5★ Regulator

Manufacturer: Bosch

Replacing: 1197311327, 1197311312, 1197311308, 0192053020, 0192053015, 0190053020

Servicing: 0120469983

28.5 **V setting**, 55 **Amp**, **Dist. mount. holes** 63.90, **Regulator type** Electronic, Insulated return
Slip ring O.D. 28.00 mm.
Alternative no.: 136545



333249 5★ Regulator

Manufacturer: Bosch

Replacing: 1197311323

28.5 **V setting**, **Dist. mount. holes** 65.00, **Regulator type** Electronic
Gasket: HC-CARGO 136435. Slip ring O.D. 28.00 mm.
Alternative no.: 138293



333250 5★ Regulator

Manufacturer: Bosch

Replacing: 1197311325

29 **V setting**, **Dist. mount. holes** 64.00, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.
Alternative no.: 230007



333251 5★ Regulator

Manufacturer: Bosch

Replacing: 6033rd2006, 1197311324, 1197311304, 1197311301

Servicing: 0120468053, 0120468107, 0120468117, 0120468137, 0120469037, 0120469108, 0120469110, 0120469113, 0120469693, 0120469772

28.5 **V setting**, **Dist. mount. holes** 63.90, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.
Alternative no.: 135856, 333361 5★



333263 5★ Regulator

Manufacturer: Bosch

Replacing: 1197311317, 1197311307

Servicing: 0120339537, 0120339538, 0120469509, 0120489481, 0120489612, 0120489638, 0120489639, 0120489640, 0120489661, 0120489682

28.5 **V setting**, **Dist. mount. holes** 63.70, **Regulator type** Electronic
Gasket: HC-CARGO 136435. Slip ring O.D. 28.00 mm.
Alternative no.: 132903



333266 5★ Regulator

Manufacturer: Bosch

Replacing: 9191337310

28 **V setting**, **Dist. mount. holes** 64.00, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.
Alternative no.: 137723

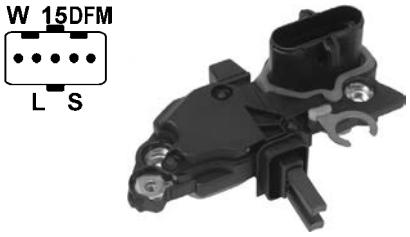


333268 5★ Regulator

Manufacturer: Bosch

Replacing: 1197311309

29 **V setting**, **Dist. mount. holes** 65.60, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.
Alternative no.: 138756

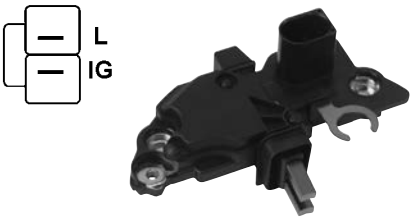


333308 Regulator

Replacing: F00M144121, F00M144105

Servicing: 0124655021, 0124655024, 0124655052, 0124655057, 0124655075, 0124655077, 0124655078, 0124655079, 0124655101, 0124655102

Dist. mount. holes 79.20, **Regulator type** Electronic, **Terminal type** W-L-15-S-DFM, **Battery sensor** w/



333345 Regulator

Replacing: F00MA45301, F00M144179

Servicing: 0124425077

28.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** L-R



333361 5★ Regulator

Manufacturer: Bosch

Replacing: 1197311314

28.5 **V setting**, **Dist. mount. holes** 63.90, **Regulator type** Electronic
Alternative no.: 333251 5★

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Available while stock last, * Program development.

NEW PRODUCT
www.hc-cargo.com

333443* Regulator

Replacing: 6033rd2004

Servicing: 6033gb3006, 6033GB3054

Regulator Parts

Various

Pkg. 5



136017 Gasket

Replacing: 1121015011

Servicing: 0120400728, 0120468053, 0120468065, 0120468094, 0120468107, 0120468113, 0120468116, 0120468117, 0120468118, 0120468124

Length 87.50, **Thickness** 3.65, **Material** Rubber

Pkg. 5



136435 Gasket

Replacing: 1190591104

Servicing: 0120469050, 0120469102, 0120469103, 0120469115, 0120469116, 0120469120, 0120484001, 0120484002, 0120484003, 0120484011

Length 23.50, **Thickness** 8.55, **Width** 18.35, **Material** Rubber

For regulators.

Pkg. 5



136823 Gasket

Replacing: 1121015015

Servicing: 0120400728, 0120468028, 0120468037, 0120468053, 0120468054, 0120468055, 0120468065, 0120468066, 0120468093, 0120468094

Length 50.60, **Thickness** 4.60, **Width** 36.80

Pkg. 10



137361 Cover for regulator

Servicing: 0120335007, 0120465031, 0120488182, 0120489467, 0120489476, 0123110007, 0123310010, 0123310011, 0123310012, 0123310013

OD 32.20, **Height** 10.20

Pkg. 5



138294 Regulator Cover

Replacing: 1190591095

Servicing: 0120469050, 0120469100, 0120469102, 0120469103, 0120469107, 0120469108, 0120469109, 0120469110, 0120469111, 0120469112

ID 77.70, **OD** 76.70, **Height** 9.60

Pkg. 10



192902 Junior-Timer-Connector

Replacing: 1928403874

Colour Black, **Plug** Male, **Type/ terminal** Junior Timer, **No./ poles** 2

Plug 75. Terminal: HC-CARGO 192998.

Pkg. 10



239543 Cover

Pkg. 10



330908 Regulator Part

ID 23.74, **Length** 37.74, **Height** 17.50

Brush Boxes



130693 Brush Box

Replacing: 1124336042

Servicing: 0120400604, 0120400605, 0120400632, 0120400696, 0120400709, 0120400720, 0120400756, 0120400757, 0120400835, 0120400887

14 **V**, **OD** 66.70



130696 Brush Box

Replacing: 1124336066, 1124336060, 1124336059, 1124336053, 1124336051, 1124336050, 1124336048, 1124336047

Servicing: 0120400505, 0120400554, 0120400600, 0120400601, 0120400602, 0120400603, 0120400607, 0120400611, 0120400614, 0120400615

14 **V**, **OD** 60.10



130697 Brush Box

Replacing: 1194336015, 1194336010, 1194336006, 1194336005, 1194336003, 1194336002, 1194336001, 1194336000

Servicing: 0120300518, 0120300519, 0120300522, 0120300523, 0120300524, 0120300528, 0120300529, 0120300530, 0120300531, 0120300532

14 **V**

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



131469 Brush Box

Replacing: 9121344312

Servicing: 0123110006

14 **V**, **OD** 31.85



133170 Brush Box

Replacing: 1124336057, 1124336055

Servicing: 0120400617, 0120400632, 0120400639, 0120400640, 0120400641, 0120400642, 0120400645, 0120400664, 0120400666, 0120400673

28 **V**



133179 Brush Box

Replacing: 1124336049

Servicing: 0120300510, 0120300511, 0120300512, 0120300513, 0120300514, 0120300515, 0120300516, 0120300517, 0120300543, 0120300544

14 **V**



138754 Brush Box

Replacing: 1194336038

Servicing: 0120450011, 0120450012, 0120450013, 0120450014, 0120450016, 0120450017, B120500073, B120500124, B120500348, B120500349

14 **V**

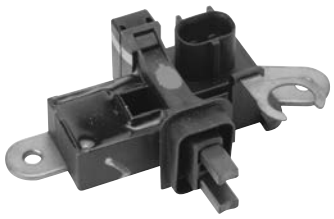


139005 Brush Box

Replacing: 1194336053

Servicing: 0120450018, 0120450019, 0120450020, 0120450021, 0120450022, 0120450023, 0120450024, 0120450025, 0120450026, 0120450027

14 **V**



235772 Brush Box

Replacing: F00M145250, 6004mr0000

Servicing: 0124425001, 0124515115, 0124525002, 0124525003, 0124525004, 0124525005, 0124525007, 0124545084, 0124615018, 0124615032

14 **V**

Brush Box Parts

Brush Sets



142321 5★ Brush Set

Manufacturer: Bosch

Replacing: 1127014011, 1127014008, 1127014001

14 **V**, **Length** 15.50, **Lead length** 44.20, **Height** 8.00, **Thickness** 5.00

Alternative no.: BX1852



142322 5★ Brush Set

Manufacturer: Bosch

Replacing: 1127014030, 1127014017

14/28 **V**, **Length** 19.50, **Lead length** 47.00, **Height** 8.00, **Thickness** 5.00

Alternative no.: BX2022



142323 5★ Brush Set

Manufacturer: Bosch

Replacing: 6033RD7001, 1127014027, 1127014026

28 **V**, **Length** 24.20, **Lead length** 51.35, **Height** 8.00, **Thickness** 5.00

Alternative no.: BX2152



142329 5★ Brush Set

Manufacturer: Bosch

Replacing: 1127014028

Servicing: 0120335006, 0120335007, 0120335008, 0120335010, 0120335012, 0120465006, 0120465007, 0120465008, 0120465012, 0120465014

14/28 **V**, **Length** 17.90, **Lead length** 111.00, **Height** 5.88, **Thickness** 3.90

Alternative no.: BX2132, 142343



142330 5★ Brush Set

Manufacturer: Bosch

Replacing: 9121067091, 1127014025, 1127014023, 1127014022, 1127014018

Servicing: 0120339512, 0120339521, 0120339536, 0120339543, 0120339544, 0120339545, 0120400914, 0120400915, 0120450018, 0120450019

14/28 **V**, **Length** 19.50, **Lead length** 53.00, **Height** 8.00, **Thickness** 5.00

Alternative no.: BX2042

NEW PRODUCT
www.hc-cargo.com

142341* Brush Set

Replacing: 1127014011, 1127014008, 1127014001

12 **V**, **Length** 15.50, **Height** 8.00, **Thickness** 5.00

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

NEW PRODUCT
www.hc-cargo.com

142342* Brush Set

Replacing: 9121067091, 1127014025, 1127014023, 1127014022, 1127014018

Servicing: 0120339512, 0120339521, 0120339536, 0120339543, 0120339544, 0120339545, 0120400914, 0120400915, 0120450018, 0120450019

12/24 **V**, **Length** 19.50, **Height** 8.00, **Thickness** 5.00

NEW PRODUCT
www.hc-cargo.com

142343* Brush Set

Replacing: 1127014028

Servicing: 0120335006, 0120335007, 0120335008, 0120335010, 0120335012, 0120465006, 0120465007, 0120465008, 0120465012, 0120465014

12/24 **V**, **Length** 17.50, **Height** 6.00, **Thickness** 4.00



BX1822 Brush Set

Replacing: 1127014012, 1127014009

Servicing: 0120340001, 0120340002, 0120340003, 0120340004, 0120340005, 0120340006, 0120340008, 0120400504, 0120400506, 0120400512

14 **V**, **Length** 17.00, **Lead length** 38.00, **Height** 10.00, **Thickness** 5.00
Alternative no.: B182



BX1852 Brush Set

Replacing: 1127014011, 1127014008, 1127014001

Servicing: 0120300510, 0120300511, 0120300512, 0120300513, 0120300514, 0120300515, 0120300516, 0120300517, 0120300518, 0120300519

14 **V**, **Length** 15.50, **Lead length** 44.20, **Height** 8.00, **Thickness** 5.00

Alternative no.: 142321 5★, B185



BX1982 Brush Set

Replacing: 1127014014, 1127014002

Servicing: 0120400504, 0120400505, 0120400507, 0120400508, 0120400510, 0120400511, 0120400512, 0120400517, 0120400518, 0120400519

28 **V**, **Length** 17.00, **Lead length** 39.00, **Height** 10.00, **Thickness** 5.00



BX2012 Brush Set

Replacing: 1127014016

Servicing: 0120489862, 0120689502, 0120689503, 0120689504, 0120689505, 0120689507, 0120689508, 0120689510, 0120689511, 0120689512

14 **V**, **Length** 22.50, **Lead length** 67.00, **Height** 8.00, **Thickness** 5.00



BX2022 Brush Set

Replacing: 1127014030, 1127014017

Servicing: 0120400944, 0120400945, 0120400947, 0120400948, 0120400949, 0120400950, 0120400951, 0120400952, 0120400953, 0120400954

14/28 **V**, **Length** 19.50, **Lead length** 47.00, **Height** 8.00, **Thickness** 5.00

Alternative no.: 142322 5★



BX2032 Brush Set

Replacing: 2127014005, 2127014004, 2127014003

Servicing: 0120600502, 0120600509, 0120600511, 0120600512, 0120600513, 0120600514, 0120600515, 0120600519, 0120600521, 0120600525

28 **V**, **Length** 22.00, **Lead length** 33.00, **Height** 10.00, **Thickness** 5.00



BX2042 Brush Set

Replacing: 9121067091, 1127014025, 1127014023, 1127014022, 1127014018

Servicing: 0120339547, 0120400653, 0120450030, 0120450031, 0120468001, 0120468002, 0120468003, 0120468004, 0120468005, 0120468006

14/28 **V**, **Length** 19.50, **Lead length** 53.00, **Height** 8.00, **Thickness** 5.00

Alternative no.: 142330 5★, B204



BX2062 Brush Set

Replacing: 2127014007, 2127014006

Servicing: 0120600582, 0120600583, 0120600584, 0120600585, 0120600586, 0120600587, 0120600588, 0120600589, 0120600590, 0120600591

28 **V**, **Length** 26.50, **Lead length** 35.00, **Height** 10.00, **Thickness** 5.00



BX2092 Brush Set

Replacing: 1127014021, 1127014019

Servicing: 0120339502, 0120339503, 0120339504, 0120339505, 0120339506, 0120339509, 0120339510, 0120339511, 0120339512, 0120339513

14/28 **V**, **Length** 15.50, **Lead length** 105.00, **Height** 8.00, **Thickness** 5.00



BX2102 Brush Set

Replacing: 1127014032, 1127014024

Servicing: 0120489293, 0120489309, 0120489475, 0120489481, B120402295, B120402296

14/28 **V**, **Length** 17.50, **Lead length** 54.00, **Height** 8.00, **Thickness** 5.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



BX2132 Brush Set

Replacing: 1127014028

Servicing: 0120000016, 0120000036, 0120335006, 0120335007, 0120335008, 0120335010, 0120335011, 0120335012, 012033501C, 0120465003

14/28 **V**, **Length** 17.50, **Lead length** 120.00, **Height** 6.00, **Thickness** 4.00

Alternative no.: 142329 5★, B213



BX2152 Brush Set

Replacing: 6033RD7001, 1127014027, 1127014026

Servicing: 0120469710, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689511, 0120689512

28 **V**, **Length** 24.20, **Lead length** 51.35, **Height** 8.00, **Thickness** 5.00

Alternative no.: 142323 5★



BX2202 Brush Set

Replacing: BX2202

14/28 **V**, **Length** 17.50, **Lead length** 20.00, **Height** 6.00, **Thickness** 4.00



JX322 Brush Set

Replacing: 1127014015

Servicing: 0120339526, 0120339537, 0120339538, 0120400639, 0120400665, 0120400725, 0120400760, 0120400761, 0120400762, 0120400763

14/28 **V**, **Length** 14.50/15.50, **Lead length** 40.00, **Height** 8.00, **Thickness** 5.00

Brushes

Pkg. 100



B165 Brush

Replacing: BX1652

14 **V**, **Length** 25.10, **Lead length** 35.00, **Height** 21.90, **Thickness** 5.90

Alternative no.: BX1652

Pkg. 100



B182 Brush

Replacing: BX1822

14 **V**, **Length** 17.05, **Lead length** 38.00, **Height** 9.90, **Thickness** 4.85

Alternative no.: BX1822

Pkg. 100



B185 Brush

Replacing: BX1852

Servicing: 0120400806, 0120400807, 0120400810, 0120400866, 0120400867, 0120421142, 0120421401, 0120489048

14 **V**, **Length** 14.25, **Lead length** 45.00, **Height** 7.95, **Thickness** 4.85

Alternative no.: BX1852

Pkg. 100



B202 Brush

Replacing: BX2022

28 **V**, **Length** 19.50, **Lead length** 46.00, **Height** 7.90, **Thickness** 4.90

Alternative no.: BX2022

Pkg. 100



B204 Brush

Replacing: BX2042

Servicing: 0120469684, 0120469685, 0120488176, 0120488177, 0120488182, 0120489766, 0120489767

14 **V**, **Length** 19.22, **Lead length** 51.00, **Height** 7.83, **Thickness** 4.89

Alternative no.: BX2042

Pkg. 100



B213 Brush

Replacing: f00m145810, f00m145809, BX2132

Servicing: 0121615021, 0121615121, 0123310055, 0123315501, 0123320002, 0123320044, 0123320065, 0123335003, 0123510063, 0123510079

14 **V**, **Length** 16.50, **Lead length** 118.00, **Height** 5.90, **Thickness** 3.90

Alternative no.: BX2132

Springs

Pkg. 10



135174 Brush Spring

Replacing: 1124652000

Servicing: 0120340001, 0120400504, 0120400505, 0120400506, 0120400507, 0120400508, 0120400510, 0120400511, 0120400512, 0120400517

OD 12.90, **Length** 23.30

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Available while stock last, * Program development.

Rectifiers



130594 Rectifier

Replacing: 1127320342, 1127320121, 1127320118, 1127320111

Servicing: 0120300530, 0120300531, 0120300536, 0120300537, 0120300538, 0120300539, 9120143000, 9120143001, 9120143006, 9120143009

35 **Amp/ diode**, **B+/ threaded** M6, **ID** 32.35, **OD** 90.00, **Mount. dist.** 75.00, **No./ diodes** 6, **Capacitor** w/o

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130596 Rectifier

Replacing: 9121140549, 1127320327, 1127320173, 1127320151, 1127320124, 1127320122, 1127320114, 1127320102

Servicing: 0120300518, 0120300519, 0120300522, 0120300523, 0120300524, 0120300528, 0120300529, 0120300532, 0120300533, 0120300540

35 **Amp/ diode**, **ID** 33.00, **OD** 90.00, **Mount. dist.** 75.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o

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130597 Rectifier

Replacing: 1127320332, 1127320319, 1127320192, 1127320152, 1127320137

Servicing: 0120300516, 0120300558, 0120300559, 0120300568, 0120300569, 0120300591, 0120300592, 0120339515, 0120339516, 0120339523

35 **Amp/ diode**, **B+/ threaded** 9.40, **ID** 32.15, **OD** 90.00, **Mount. dist.** 75.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o

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130602 Rectifier

Replacing: 6033gd4121, 1127320979, 1127320686, 1127320657, 1127320649, 1127320646, 1127320634, 1127320633

Servicing: 0120400740, 0120400741, 0120400742, 0120400743, 0120400771, 0120400772, 0120400782, 0120400783, 0120400827, 0120400828

35 **Amp/ diode**, **B+/ threaded** M6/34.00, **ID** 36.90, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o

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130603 Rectifier

Replacing: 1127320647, 1127320644, 1127320642, 1127320641, 1127320637, 1127320630, 1127320613, 1127320612

Servicing: 0120400669, 0120400670, 0120400704, 0120400705, 0120400722, 0120400723, 0120400724, 0120400733, 0120400744, 0120400745

35 **Amp/ diode**, **ID** 36.85, **OD** 114.00, **Mount. dist.** 85.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o

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131468 Rectifier

Replacing: 1127320996, 1127320604, 1127320598, 1127320541, 1127320540, 1127320398, 1127320375, 1127320368

Servicing: 0120469603, 0120469610, 0120488022, 0120488125, 0120488137, 0120488153, 0120488208, 0120488224, 0120488268, 0120488269

28 **V**, 35 **Amp/ diode**, **W thread** M5, **B+/ threaded** M6/34.85, **D+ threaded** M4, **ID** 35.50, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **W type** Bolt, **No./ diodes** 6, **Capacitor** w/o

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131559 Rectifier

Replacing: 1127320648, 1127320614, 1127320506, 1127011614, 1127011116

Servicing: 0120489080, 0120489081, 0120489082, 0120489083, 0120489186, 0120489208, 0120489209, 0120489210, 0120489211, 0120489248

35 **Amp/ diode**, **ID** 37.00, **OD** 114.00, **Mount. dist.** 85.00, **W type** Spade, **No./ diodes** 6, **Capacitor** w/o

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131564 Rectifier

Replacing: 9121337319

Servicing: A124, 0120485011, 0120485012, 0123310005, 0123315005

35 **Amp/ diode**, **ID** 41.00, **OD** 110.00, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o

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132103 Rectifier

Replacing: 1127320730, 1127320700

Servicing: 0120469028, 0120469029, 0120469034, 0120469600, 0120469604, 0120469631, 0120469632, 0120469633, 0120469635, 0120469636

35 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/32.00, **D+ threaded** 6.30, **ID** 36.50, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Spade, **W type** Spade, **No./ diodes** 8

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132127 Rectifier

Replacing: 1127320542, 1127320538, 1127320531, 1127320360, 1127320350, 1127320330, 1127320172, 1127320159

Servicing: 0120450004, 0120469500, 0120469501, 0120469502, 0120469503, 0120469504, 0120469505, 0120469510, 0120469511, 0120469514

35 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/35.55, **D+ threaded** M5/20.75, **ID** 37.00, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 14
Can be used in 12 diode applications.



132667 Rectifier

Replacing: 1127320950, 1127320945, 1127320934, 1127320666, 1127320665, 1127320664

Servicing: 0120488134, 0120488138, 0120488185, 0120488205, 0120488206, 0120488209, 0120488217, 0120488218, 0120488226, 0120488227

35 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/34.40, **D+ threaded** M5/27.20, **ID** 36.75, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



132668 Rectifier

Replacing: 1127320695, 1127320691, 1127320601

Servicing: 0120488144, 0120488145, 0120488198, 0120488199, 0120488237, 0120488240, 0120488261, 0120488262, 0120488279, 0120489185

35 **Amp/ diode**, **B+/ threaded** M8/30.00, **D+ threaded** M5/27.60, **ID** 36.80, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



132669 Rectifier

Replacing: 1127320652, 1127320580, 1127320372, 1127320139, 1127011139

Servicing: 0120400838, 0120400839, 0120400840, 0120400841, 0120488176, 0120488177, 0120488182, 0120488189, 0120488210, 0120489047

35 **Amp/ diode**, **W thread** M5, **B+/ threaded** 9.40-34.65, **ID** 36.85, **OD** 114.00, **B+ type** Spade, **D+ type** Spade, **W type** Bolt, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



132670 Rectifier

Replacing: 1127320569, 1127320345, 1127320317, 1127320316, 1127320142, 1127320141, 1127320116, 1127320115

Servicing: 0120300535, 0120300552, 0120300562, 0120300567, 0120300575, 0120300576, 0120300577, 0120300578, 0120300579, 0120300580

35 **Amp/ diode**, **B+/ threaded** M6/30.00, **ID** 31.70, **OD** 90.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



133138 Rectifier

Replacing: 1127320599, 1127320546, 1127320545, 1127320367, 1127320366, 1127320363, 1127320344, 1127320339

Servicing: 0120489027, 0120489032, 0120489053, 0120489192, 0120489230, 0120489387, 0120489388, 0120489684, 0120489702, 0120489707

35 **Amp/ diode**, **W thread** M5/25.50, **B+/ threaded** M6/34.10, **D+ threaded** M4/20.15, **ID** 35.40, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **No./ diodes** 6, **Capacitor** w/o



133261 Rectifier

Replacing: 1127320908, 1127320747, 1127320745, 1127320738, 1127320722, 1127320710, 1127320709, 1127320702

Servicing: 0120468017, 0120468018, 0120468019, 0120468020, 0120468022, 0120468023, 0120468024, 0120468025, 0120468026, 0120468027

35 **Amp/ diode**, **B+/ threaded** M8/28.50, **D+ threaded** M5/33.00, **ID** 36.85, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 14, **Capacitor** w/o



133994 Rectifier

Replacing: 1127320668, 1127320562

Servicing: 0120489156, 0120489157, 0120489158, 0120489163, 0120489164, 0120489317, 9120144118, 9120144119, 9120144121, 9120144244

35 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M6/34.00, **D+ threaded** M4/25.00, **ID** 34.20, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 6, **Capacitor** w/o



133995 Rectifier

Replacing: 1127320992, 1127320909

Servicing: 0120400728, 0120488256, 0120488277, 0120488278, 0120488282, 0120488291, 0120489315, 0120489316, B120402619, B120402667

35 **Amp/ diode**, **W thread** M5/25.20, **B+/ threaded** M8/34.00, **D+ threaded** M4/21.50, **ID** 34.80, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **Diode type** Press-fit, **No./ diodes** 6, **Capacitor** w/o

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Available while stock last, * Program development.



133996 Rectifier

Replacing: 1127320677, 1127320651

Servicing: 0120488156, 0120488157, 0120488158, 0120488159, 0120488160, 0120488161, 0120488162, 0120488163, 0120488164, 0120488165

35 **Amp/ diode**, **B+/ threaded** M6/ M8/35.00, **D+ threaded** M5/27.00, **ID** 36.80, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



133997 Rectifier

Replacing: 9121147302

Servicing: 0120488000, 0120488001, 0120488002, 0120488003, 0120488004, 0120488005, 0120488006, 0120488007, 0120488008, 0120488009

35 **Amp/ diode**, **B+/ threaded** M8/34.40, **D+ threaded** M4/17.70, **ID** 37.00, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



133998 Rectifier

Replacing: 1127320914

Servicing: 0120488186, 0120488187, B120402578

35 **Amp/ diode**, **B+/ threaded** M6/ M8/34.90, **D+ threaded** M5/27.90, **ID** 36.70, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o *w/ terminal W.*



134001 Rectifier

Replacing: 1127320752, 1127320704

Servicing: 0120469646, 0120469647, 0120469666, 0120469710, 0120469836

35 **Amp/ diode**, **B+/ threaded** M8/31.50, **ID** 35.80, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **W type** Spade, **No./ diodes** 6, **Capacitor** w/o



134002 Rectifier

Replacing: 1127320707, 1127320706

Servicing: 0120469009, 0120469559, 0120469566, 0120469655, 0120469656, 0120469657, 0120469658, 0120469659, 0120469660, 0120469661

35 **Amp/ diode**, **B+/ threaded** M8/32.00, **D+ threaded** M5/24.75, **ID** 36.65, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Bolt, **Diode type** Press-fit, **No./ diodes** 8, **Capacitor** w/o



134003 Rectifier

Replacing: 1127320746, 1127320742, 1127320731, 1127320708

Servicing: 0120468080, 0120468084, 0120468088, 0120468089, 0120469015, 0120469020, 0120469021, 0120469601, 0120469602, 0120469603

35 **Amp/ diode**, **B+/ threaded** M8/34.00, **D+ threaded** M5/21.40, **ID** 35.60, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Press-fit, **No./ diodes** 8, **Capacitor** w/o



134341 Rectifier

Replacing: 1127011131

Servicing: 0120400938, 0120400939, 0120400941, 0120400942, 0120488114, 0120488194, 0120488195, 0120489069, 0120489070, 0120489183

35 **Amp/ diode**, **B+/ threaded** M6/33.70, **D+ threaded** 6.30, **ID** 35.55, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Spade, **W type** Spade, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



134609 Rectifier

Replacing: 1127320977, 1127320976, 1127320590

Servicing: 0120469569, 0120469643, 0120469693, 0120469762, B120427892

35 **Amp/ diode**, **W thread** M5, **B+/ threaded** M6/30.75, **D+ threaded** M4/23.00, **ID** 34.70, **OD** 120.00, **Mount. dist.** 80.00, **B+ type** Screw, **D+ type** Screw, **W type** Bolt, **Diode type** Press-fit, **No./ diodes** 8, **Capacitor** w/o



134911 Rectifier

Replacing: 1127320809, 1127319659

Servicing: 0120485015, 0123310016

50 **Amp/ diode**, **B+/ threaded** M6/11.90, **D+ threaded** M5/12.00, **ID** 23.00, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o

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135438 Rectifier

Replacing: 1127320842, 1127320840, 1127319633, 1127319605, 1127319526

Servicing: 0120335007, 0120335011, 0120335012, 0120335016, 0123110004, 0123110009

50 **Amp/ diode**, **B+/ threaded** M8/28.00, **D+ threaded** M5/9.00, **ID** 23.15, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Bolt, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



135439 Rectifier

Replacing: 1127320850, 1127319667

Servicing: 0120485036, 0120485038, 0120485039, 0123320001, 0123320002, 0123320005, 0123320007, 0123320017, 0123340002, 0123340003

50 **Amp/ diode**, **B+/ threaded** M8/24.20, **ID** 22.75, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/
w/ terminal W.



135440 Rectifier

Replacing: 1127320856, 1127319675, 1127319609, 1127319608, 1127319015

Servicing: 0120485025, 0120485026, 0123310004, 0123310026, 0123310028, 0123320004, 0123320020, 0123320022, 0123320023, 0123320033

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/23.00, **D+ threaded** M5/13.00, **ID** 23.20, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 6



135444 Rectifier

Replacing: 1127320870, 1127319584

Servicing: 0120485029, 0123310014, 0123310015, 0123310029, 0123310053, 0123320014, 9123310029, B120411528

50 **Amp/ diode**, **B+/ threaded** M6/23.00, **D+ threaded** M5/15.70, **ID** 23.00, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6
w/ terminal W.



135448 Rectifier

Replacing: 1127320164

Servicing: 0120400836, 0120400837, 0120400862, 0120400863, 0120489565, 0120489566, 0120489583, 0120489584

25 **Amp/ diode**, **B+/ threaded** M5/25.00, **ID** 32.30, **OD** 88.50, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/o



135528 Rectifier

Replacing: 1127319715, 1127319580, 1127319033

Servicing: 0123212001

50 **Amp/ diode**, **B+/ threaded** M6/12.60, **D+ threaded** M5/8.75, **ID** 23.75, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6



135546 Rectifier

Replacing: 1127319673, 1127319672, 1127319021

Servicing: 0120485032, 0120485045, 0120485046, 0123114005, 0123114032, 0123310007, 0123320048

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/26.00, **D+ threaded** M5/11.50, **ID** 23.00, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



135549 Rectifier

Replacing: 1127320866, 1127320818, 1127319740, 1127319649, 1127319512

Servicing: 0123500004, 0123500005, 0123510017, 0123545001, 0123545002, 0123545003, B120510078, B120510079

50 **Amp/ diode**, **B+/ threaded** M8/23.45, **ID** 22.90, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



135605 Rectifier

Replacing: 1127320834, 1127320639, 1127319637, 1127319031, 1127011134

Servicing: 0120465003, 0120465004, 0120465013, 0120465014, 0120488140, 0120488141, 0120488207, 0120488222, 0120488223, 0120488275

50 **Amp/ diode**, **W thread** 6.3-10.00, **B+/ threaded** M8/23.45, **D+ threaded** M5/11.00, **ID** 23.00, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 14, **Capacitor** w/o

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Available while stock last, * Program development.



135609 Rectifier

Replacing: 1127320733

Servicing: 0120468057, 0120468058, 0120468059, 0120468060, B120500752, B120500753, B120500754

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/27.75, **D+ threaded** M5/23.45, **ID** 35.85, **OD** 122.20, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** Press-fit, **No./ diodes** 6, **Capacitor** w/o



135890 Rectifier

Replacing: 1127320667, 1127319113

Servicing: 0120488191, 0120488211, 0120488228, 0120488286, 0120489346, 0120489347, 0120489389, 0120489390, 0120489391, 0120489392

50 **Amp/ diode**, **W thread** M5/18.70, **B+/ threaded** M6/34.70, **D+ threaded** M4/25.00, **ID** 35.70, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **No./ diodes** 6, **Capacitor** w/o



136051 Rectifier

Replacing: 1127320805, 1127319019

Servicing: 0120485020, 0120485023, 0123320003, 0123320048, 0123340001, B120411182

50 **Amp/ diode**, **B+/ threaded** M8/26.20, **D+ threaded** M5/11.25, **ID** 23.00, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



136372 Rectifier

Replacing: 1127320911, 1127320741, 1127320727, 1127320720

Servicing: 0120468007, 0120468008, 0120468030, 0120468031, 0120468050, 0120468051, 0120468067, 0120468095, 0120468096, 0120469775

35 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/34.45, **D+ threaded** M6/21.35, **ID** 35.90, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 8, **Capacitor** w/o



136434 Rectifier

Replacing: 1127319104

Servicing: 0120488283, B120402789

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M6/M8/27.45, **D+ threaded** M5/18.55, **ID** 36.25, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



136469 Rectifier

Replacing: 1127320846, 1127319663, 1127319657

Servicing: 0120335008, 0123115008, 0123115010, 0123115011, 0123115012, 0123115013, 9120336000

50 **Amp/ diode**, **B+/ threaded** M5/12.50, **ID** 23.15, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



136482 Rectifier

Replacing: 1127319766, 1127319601, 1127319005

Servicing: 0123110005, 0123120001, 9123110005, 9123120001

50 **Amp/ diode**, **B+/ threaded** M8/23.25, **D+ threaded** M5/11.40, **ID** 21.90, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/



136485 Rectifier

Replacing: 1127320734

Servicing: 0120469004, 0120469005, 0120469006, 0120469007, 0120469901, 0120469902, 0120469911, 0120469912, 0120469968, 0120469969

50 **Amp/ diode**, **W thread** 6.30-13.50, **B+/ threaded** M8/40.45, **D+ threaded** M6/36.45, **ID** 36.10, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 8



136581 Rectifier

Replacing: 1127320973, 1127320571, 1127320550, 1127320547, 1127320374

Servicing: 0120389567, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689511, 0120689512

35 **Amp/ diode**, **W thread** M5, **B+/ threaded** M8/29.00, **D+ threaded** M5/25.70, **ID** 39.75, **OD** 145.00, **Mount. dist.** 100.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **Diode type** Avalanche, **No./ diodes** 14, **Capacitor** w/o

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#Available while stock last, * Program development.

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136591 Rectifier

Replacing: 9121067385, 9120067027

Servicing: 0120488297, 9120060027, 9120144295, 9120144296

50 **Amp/ diode**, **B+/ threaded** M6/38.90, **ID** 37.00, **OD** 114.00, **B+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



136703 Rectifier

Replacing: 1127319754, 1127319753, 1127319694, 1127319607, 1127319522

Servicing: 0123310010, 0123310011, 0123310012, 0123310013, 0123320035, 0123320058

50 **Amp/ diode**, **B+/ threaded** M8/15.15, **D+ threaded** M5/9.80, **ID** 23.15, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6



136737 Rectifier

Replacing: 1127320954

Servicing: 0120468028, 0120468055, B120500078, B120500671

50 **Amp/ diode**, **W thread** M5/25.50, **B+/ threaded** 7/16" UNC/ 39.00, **D+ threaded** M4/22.00, **ID** 35.00, **OD** 120.00, **Mount. dist.** 80.00, **B+ type** Bolt, **D+ type** Bolt, **W type** Bolt, **Diode type** Avalanche, **No./ diodes** 14, **Capacitor** w/o



136826 Rectifier

Replacing: 1127320743

Servicing: 0120468080, 0120468081, 0120468084, 0120468085, 0120468086, 0120468119, 0120468120, B120500726, B120500742, B120500898

35 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/27.50, **D+ threaded** M5/21.20, **ID** 35.90, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 6, **Capacitor** w/o



136831 Rectifier

Replacing: 1127319778, 1127319665, 1127319597, 1127319027, 1127319013

Servicing: 0123505001, 0123505004, 0123510003, 0123510020, 0123510052, 0123510069, B120510214

50 **Amp/ diode**, **B+/ threaded** M8/22.75, **D+ threaded** M5/11.40, **ID** 23.00, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



136832 Rectifier

Replacing: 1127320990, 1127320989, 1127320983, 1127320981, 1127320980, 1127320971, 1127320970, 1127320956

Servicing: 0120465009, 0120465010, 0120468037, 0120468053, 0120468107, 0120468113, 0120468114, 0120468115, 0120468117, 0120468118

50 **Amp/ diode**, **W thread** M5/22.65, **B+/ threaded** M8/32.00, **D+ threaded** M6/33.00, **ID** 34.85, **OD** 120.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



136837 Rectifier

Replacing: 1127320913, 1127319109

Servicing: 0120484002, 0120484003, 0120484016, 0120484017, 0120484018, 0120484019, 0120484020, 0120484021, 0120484027, 0120484051

35 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/31.50, **D+ threaded** M5/26.00, **ID** 36.30, **OD** 112.00, **Mount. dist.** 32.47, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 8



136838 Rectifier

Replacing: 1127319726, 1127319599, 1127319530

Servicing: 0123100001, 0123100002, 9123100002

50 **Amp/ diode**, **B+/ threaded** M8/22.20, **D+ threaded** M5/11.45, **ID** 22.15, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



136861 Rectifier

Replacing: 1127319749, 1127319746, 1127319560, 1127319559, 1127319011

Servicing: 0120485047, 0123310022, 0123310027, 0123310031, 0123310042, 0123310043, 0123310044, 0123310047, 0123310050, 0123315003

14 **V**, 22 **Zener V**, 50 **Amp/ diode**, **B+/ threaded** M8/25.50, **D+ threaded** M5/10.00, **ID** 22.00, **OD** 114.00, **B+ type** Bolt, **D+ type** Bolt, **Diode type** Zener, **No./ diodes** 6, **Capacitor** w/o

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Available while stock last, * Program development.



136957 Rectifier

Replacing: 1127319645, 1127319003, 1127319002

Servicing: 0120465006, 0120465007, 0120465008, 0120465012, 0120465018, 0120465022, 0120465023, 0120465029, 0123213005, 0123213006

B+/ threaded M8/26.00, **D+ threaded** M5/11.00, **ID** 23.15, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 14, **Capacitor** w/o



137030 Rectifier

Replacing: 1127320906

Servicing: 0120484004, 0120484005, 0120484006, 0120484007, 0120484008, 0120484009, 0120484010, 0120484013, 0120484014, 9120690448

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M6/32.00, **D+ threaded** 6.30, **ID** 36.25, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Spade, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 8



137257 Rectifier

Replacing: 1127320882, 1127320862, 1127319623, 1127319617, 1127319009

Servicing: 0120485048, 012048504J, 0123310006, 0123315004, 0123320012, 9120485048, 9123320012, 9123690001

50 **Amp/ diode**, **B+/ threaded** M8/33.85, **D+ threaded** M6/20.60, **ID** 23.20, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



137258 Rectifier

Replacing: 1127319736, 1127319574, 1127319538

Servicing: 0123500013, 0123510046, 0123510047, 0123515013, 0123515014, 0123515018, 0123515020, 0123515021, 0123515028

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M8/23.10, **ID** 22.70, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



137259 Rectifier

Replacing: 1127320860, 1127319690, 1127319689

Servicing: 0120465031, 012046503B, 0123214002

50 **Amp/ diode**, **B+/ threaded** M8/33.90, **D+ threaded** M6/20.60, **ID** 23.00, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 12, **Capacitor** w/o



137260 Rectifier

Replacing: 1127320935, 1127320726, 1127320717

Servicing: 0120468063, 0120468064, 0120468077, 0120468078, 0120468102, 0120468103, 0120468104, 0120468105, 0120468110, 0120468111

35 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/43.85, **D+ threaded** M6/38.95, **ID** 36.00, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 6, **Capacitor** w/o



137333 Rectifier

Replacing: 1127320864, 1127320844, 1127320807, 1127319730, 1127319729, 1127319593, 1127319510

Servicing: 0120485011, 0120485012, 0120485022, 0123310005, 0123310008, 0123310041, 0123315005, 0123315501, 0123315506, 0123320010

14 **V**, 50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/23.50, **D+ threaded** M5/12.50, **ID** 22.75, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/

Alternative no.: 333284 5★



137380 Rectifier

Replacing: 9122337307

Servicing: 9120334631, 9120334632

50 **Amp/ diode**, **B+/ threaded** M6/31.20, **ID** 36.00, **OD** 114.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



137507 Rectifier

Replacing: 1127319570

Servicing: 0120310023, 0120310048, 0123310023, 0123310048, 0123310050, 0123310054, 0123310055, 0123320050, 0123320067, 9123310048

14 **V**, 50 **Amp/ diode**, **W thread** M5, **B+/ threaded** M6/23.25, **D+ threaded** M5/15.60, **ID** 21.70, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o *w/ terminal W (R).*

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137724 Rectifier

Replacing: 1127320750, 1127319110

Servicing: 0120469032, 0120469050, 0120469100, 0120469101, 0120469102, 0120469103, 0120469107, 0120469108, 0120469109, 0120469110

28 **V**, 34-40 **Zener V**, 50 **Amp/ diode**, **W thread** M5/12.80, **B+/ threaded** M8/31.45, **D+ threaded** M4/22.80, **ID** 36.30, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Bolt, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



137726 Rectifier

Replacing: 1127320903

Servicing: 0120488146, 0120488147, 0120488148, 0120488149, 0120488150, 0120488178, 0120488179, 0120488180, 0120488181, 0120488242

35 **Amp/ diode**, **ID** 36.30, **OD** 114.00, **Mount. dist.** 65.00, **No./ diodes** 6, **Capacitor** w/o



138074 Rectifier

Replacing: 1127320854, 1127320576, 1127319854, 1127319576, 1127319575

Servicing: 0120465020, 0120465021, 0120469608, 0120469609, 0120469665, 0120469669, 0120469791, 0120469792, 0123505005, 0123505010

50 **Amp/ diode**, **B+/ threaded** M8/23.00, **ID** 23.00, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Brush gear** w/o, **Capacitor** w/o
w/ terminal W.



138075 Rectifier

Replacing: 1127319786, 1127319785, 1127319704, 1127319615, 1127319022, 1124319704

Servicing: 0123325002, 0123325003, 0123325012, 0123325013, 0123325014, 1123325003, 1123325012, 1123325013, 1123325014, 9123325002

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M6/34.50, **ID** 23.15, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



138076 Rectifier

Replacing: 1127319710, 1127319635, 1127319035

Servicing: 0123510004, 0123510018, 0123510021, 0123510060, 0123510074, 0123510075, 0123510105

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M8/23.85, **D+ threaded** M5/9.15, **ID** 22.70, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 12, **Capacitor** w/o



138077 Rectifier

Replacing: 1127320852, 1127319552

Servicing: 0120485034, 0120485043, 0120485044, 0123310002, 0123310003, 0123310024, 0123310025, 0123310032, 0123315001, 0123315002

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M8/23.15, **ID** 23.00, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



138078 Rectifier

Replacing: 1127319554, 1127319553

Servicing: 0123315016, 0123315021

B+/ threaded M8/23.00, **ID** 22.00, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



138079 Rectifier

Replacing: 1127319806, 1127319562, 1127319558

Servicing: 0123510023, 0123510038, 0123510039, 0123510044, 0123510049, 0123510050, 0123510051, 0123510058, 0123510059, 0123510066

B+/ threaded M8/23.50, **D+ threaded** M5/9.50, **ID** 23.20, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/



138080 Rectifier

Replacing: 1127319732, 1127319724, 1127319568, 1127319534

Servicing: 0120000016, 0120000036, 0123505018, 0123510008, 0123510031, 0123510033, 0123510041, 0123510045, 0123510061, 0123510068

50 **Amp/ diode**, **B+/ threaded** M8/25.90, **D+ threaded** M5/12.80, **ID** 23.20, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o

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Available while stock last, * Program development.



138081 Rectifier

Replacing: 1127319631

Servicing: 0123520002, 0123520005

50 **Amp/ diode**, **B+/ threaded** M8/23.30, **ID** 23.25, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 12, **Capacitor** w/o
w/ terminal W.



138084 Rectifier

Replacing: 1127320938, 1127320918, 1127320912, 1127320901

Servicing: 0120468013, 0120468014, 0120468032, 0120468033, 0120468048, 0120468049, 0120468071, 0120468072, 0120468073, 0120468074

35 **Amp/ diode**, **B+/ threaded** M8/35.00, **D+ threaded** M6/24.50, **ID** 35.40, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Press-fit, **No./ diodes** 14, **Capacitor** w/o



138164 Rectifier

Replacing: 1127320735, 1127320712

Servicing: 0120468009, 0120469016, 0120469017, 0120469784, 0120469785, 0120469786, 0120469787, 0120469793, 0120469801, 0120469802

35 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/27.50, **D+ threaded** M5/28.00, **ID** 35.90, **OD** 120.00, **Mount. dist.** 85.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 8, **Capacitor** w/o



138165 Rectifier

Replacing: 1127320692

Servicing: 0120484001, 0120484002, 0120484003, 0120484011, 0120484012, 0120484015, 0120484016, 0120484017, 0120484018, 0120484020

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/30.00, **D+ threaded** M5/25.00, **ID** 35.70, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



138288 Rectifier

Replacing: 1127319669, 1127319668, 1127319504

Servicing: 0123115009, 0123115014

50 **Amp/ diode**, **B+/ threaded** M5/10.00, **ID** 22.90, **OD** 111.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



138289 Rectifier

Replacing: 1127319722

Servicing: 0123110007

B+/ threaded M8/34.50, **D+ threaded** M5/13.00, **ID** 21.80, **OD** 111.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



139028# Rectifier

Replacing: 1127320744

Servicing: 0120468082, 0120468083, 0120468122, B120500744, B120501040

W thread 6.30, **B+/ threaded** M8/27.50, **D+ threaded** M5/21.00, **ID** 35.45, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 6, **Capacitor** w/o



139030 Rectifier

Replacing: 1127319698, 1127319641, 1127319564, 1127319563, 1127319514

Servicing: 0123315008, 0123315013, 0123315015, 0123315017, 0123315018, 0123315022, 0123325010, 0123325011, 0123325015, 9123325011

B+/ threaded M8/35.00, **ID** 23.00, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



139252 Rectifier

Replacing: 1127319692, 1127319691, 1127319652, 1127319643

Servicing: 0123515001, 0123515002, 0123515004, 0123515007, 0123515010, B120510510

B+/ threaded M8/29.50, **ID** 23.00, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 10, **Capacitor** w/o

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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139253 Rectifier

Replacing: 1127320729

Servicing: 0120450018, 0120450019, 0120450020, 0120450021, 0120450022, 0120450023, 0120450024, 0120450025, 0120450026, 0120450028

50 **Amp/ diode**, **B+/ threaded** M6/M8/42.00, **ID** 36.15, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Press-fit, **No./ diodes** 6, **Capacitor** w/o



139571 Rectifier

Replacing: 1127319671, 1127319670, 1127319528

Servicing: 0123315007, 0123315020

B+/ threaded M6/10.50, **ID** 23.15, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



139581 Rectifier

Replacing: 1127320995, 1127320969, 1127320961, 1127320959, 1127320946, 1127320928, 1127320656, 1127320655

Servicing: 0120450010, 0120450015, 0120468065, 0120468066, 0120468094, 0120468116, 0120468124, 0120468129, 0120468130, 0120468139

40 **Amp/ diode**, **W thread** M5/23.20, **B+** M8, **B+/ threaded** M8/33.00, **D+** M6, **D+ threaded** M6/33.00, **ID** 36.40, **OD** 124.00, **Mount. dist.** 53.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **No./ diodes** 14, **Brush gear** w/o

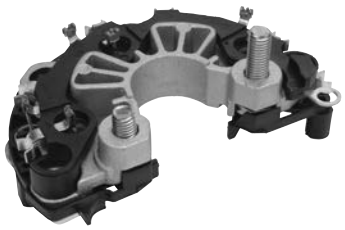


139915 Rectifier

Replacing: f00m113200

Servicing: 0124225001, 0124225002, 0124225004, 0124225009, 0124225018, 0124225022, 0124225023, 0124225024, 0124225025, 0124225026

50 **Amp/ diode**, **B+/ threaded** M8/17.65, **ID** 28.20, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



139921 Rectifier

Replacing: F00M133363, F00M133351, f00m133246, F00M133244, f00m133228, f00m133201

Servicing: 0120000017, 0120000035, 0124515010, 0124515011, 0124515012, 0124515013, 0124515017, 0124515018, 0124515019, 012451501A

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M8/18.00, **ID** 33.30, **OD** 120.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



139939 Rectifier

Replacing: f00m319831, 1127319712

Servicing: 0123515022, 0123515023, 0123515025, 0123515030, 9123515022

B+/ threaded M8/29.85, **ID** 23.00, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 12, **Capacitor** w/o



139944 Rectifier

Replacing: 1127319764

Servicing: 0123110006, 0123110008

50 **Amp/ diode**, **B+/ threaded** M8/23.50, **D+ threaded** M5/11.50, **ID** 21.90, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



139996 Rectifier

Replacing: 9121337072

Servicing: 9120335000, 9120335001

W thread 6.30, **B+/ threaded** M6/25.50, **ID** 34.80, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **W type** Spade, **No./ diodes** 8, **Capacitor** w/o



230075 Rectifier

Replacing: F00m123244, f00m123227, f00m123201, f00m123200

Servicing: 0124225010, 0124315001, 0124315002, 0124315003, 0124315004, 0124315005, 0124315006, 0124315007, 0124315008, 012431500E

50 **Amp/ diode**, **B+/ threaded** M8/21.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



230092 Rectifier

Replacing: 1127319738, 1127319737

Servicing: 0120510005, 0120510007, 0120510032, 0123510005, 0123510006, 0123510007, 0123510032

50 **Amp/ diode**, **B+/ threaded** M8/23.00, **ID** 23.20, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



230093 Rectifier

Replacing: 1127319734, 1127319733, 1127319572, 1127319540

Servicing: 0120510053, 0120510054, 0120510056, 0120510065, 0120515016, 0123510053, 0123510054, 0123510056, 0123510065, 0123515016

50 **Amp/ diode**, **B+/ threaded** M8/23.40, **ID** 23.00, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



230124 Rectifier

Replacing: 1127319748, 1127319661

Servicing: 0123325005, 0123325006

50 **Amp/ diode**, **B+/ threaded** M8/25.50, **ID** 21.00, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



230173 Rectifier

Replacing: 1127319752, 1127319751, 1127319578, 1127319501

Servicing: 0123505011, 0123505012, 0123505013, 0123505017, 0123510047, 0123515014, 0123515017

50 **Amp/ diode**, **B+/ threaded** M5/23.25, **ID** 23.15, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8
w/ terminal W.



230174 Rectifier

Replacing: 1127319655, 1127319654, 1127319506

Servicing: 0123510009, 0123510013, 0123510014, 0123510015, 0123510028

B+/ threaded M8/26.00, **D+ threaded** M5/11.00, **ID** 23.25, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



230179 Rectifier

Replacing: 1127319788

Servicing: 0123510037, 0123510109

50 **Amp/ diode**, **B+/ threaded** M6/34.50, **D+ threaded** M5/7.50, **ID** 23.20, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



230241 Rectifier

Replacing: 1127319714, 1127319713, 1127319696

Servicing: 0123510068, 0123510073, 0123510079, 0123510081, 0123510100, 0123510101, 0123510102, 0123512500

50 **Amp/ diode**, **B+/ threaded** M8/25.00, **D+ threaded** M5/9.00, **ID** 23.30, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6
w/ terminal W.



230242 Rectifier

Replacing: 1127319728

Servicing: 0123310001, 0123310018, 0123310019, 0123310020, 0123310024, 0123310025, 0123310032, 0123310034, 0123310035, 0123310037

50 **Amp/ diode**, **B+/ threaded** M8/23.50, **ID** 21.60, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



230358# Rectifier

Replacing: 1127320721

Servicing: 0120469827, 0120469828, 0120469829, 0120469830, 0120469918, 0120469919, B120500447, B120500449, B120500732

35 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/34.15, **D+ threaded** M6/20.25, **ID** 35.00, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 6, **Capacitor** w/o

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



230360 Rectifier

Replacing: f00m123337, f00m123202

Servicing: 0124325007, 0124415001, 0124415005, 0124415006, 0124415008, 0124415009, 0124415010, 0124415023

50 **Amp/ diode**, **B+/ threaded** M8/21.00, **ID** 26.90, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



230361 Rectifier

Replacing: 1127320926, 1127320662, 1127320661

Servicing: 0120488183, 0120488184, 0120488196, 0120488197, 0120488219, 0120488220, 0120488236, 0120488239, 0120488240, 0120488261

40 **Amp/ diode**, **B+/ threaded** M8/30.00, **D+ threaded** M5/20.00, **ID** 36.65, **OD** 114.00, **Mount. dist.** 33.33, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6



230374 Rectifier

Replacing: F00M133268, f00m133231, f00m133207

Servicing: 0124515035, 0124515057, 0124515134

B+/ threaded M8/18.90, **ID** 26.60, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



230511 Rectifier

Replacing: 1127319103

Servicing: 0120468140, 0120468154, 0120468161, 0120468162, 0120469024, 0120469036, 0120469037, 0120469043, 0120469053, 0120469963

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/31.50, **D+ threaded** M6/31.50, **ID** 35.00, **OD** 122.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



230614 Rectifier

Replacing: 1127320824, 1127319639, 1127319638

Servicing: 0120465015, 0120465016, 0120465017, 0123500001, 0123545004

W thread 6.30, **B+/ threaded** M8/23.50, **D+ threaded** M5/9.50, **ID** 23.30, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 12, **Capacitor** w/o



230622 Rectifier

Replacing: f00m123217, f00m123204

Servicing: 0124325006, 0124325024, 0124325174

50 **Amp/ diode**, **B+/ threaded** M8/12.95, **ID** 29.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6



230640 Rectifier

Replacing: 1127320994, 1127319101

Servicing: 0120468093, 0120468135, 0120468144, 0120469018, 0120469033, 0120469044, 6033G3020B, 6033gb3020, 6033gb3021, B120500004

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/36.00, **D+ threaded** M6/31.00, **ID** 34.75, **OD** 122.00, **Mount. dist.** 80.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



230729 Rectifier

Replacing: 1127320968, 1127320904

Servicing: 0120469041, 0120469527, 0120469562, 0120469592, 0120469761, 0120469796, 0120469963, 0120469983, 6033GB3053, B120421982

35 **Amp/ diode**, **W thread** M5/22.55, **B+/ threaded** M8/31.55, **D+ threaded** M4/31.25, **ID** 34.75, **OD** 120.00, **Mount. dist.** 80.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **Diode type** Press-fit, **No./ diodes** 8, **Capacitor** w/o



230775 Rectifier

Replacing: 1127320740

Servicing: 0120468042, 0120468043, 0120468061, 0120468062, 0120468075, 0120468076, B120500541, B120500542, B120500649, B120500884

W thread 6.30, **B+/ threaded** M8/41.00, **D+ threaded** M6/34.65, **ID** 36.00, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 14, **Capacitor** w/o

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All measurements are in mm, unless else stated.
Available while stock last, * Program development.



230782 Rectifier

Replacing: 1127320748

Servicing: 0120450026, 0120450027, 0120450028, B120501014, B120501015, B120501016

50 **Amp/ diode**, **W thread** 14.85, **B+/ threaded** M6/M8/33.60, **D+ threaded** 6.30-15.00, **ID** 36.00, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Spade, **W type** Spade, **No./ diodes** 6



230783 Rectifier

Replacing: 1127319762, 1127319761

Servicing: 0123100003

B+/ threaded M8/24.00, **D+ threaded** M5/11.00, **ID** 23.00, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



230988 Rectifier

Replacing: 0197002003

Servicing: 0120340001, 0120340002, 0120340003, 0120340004, 0120340005, 0120340006, 0120340008, B120300021, B120300022, B120300026

50 **Amp/ diode**, **OD** 96.00, **Mount. dist.** 80.00, **B+ type** Spade, **D+ type** Spade, **W type** Spade, **No./ diodes** 6, **Capacitor** w/o



231118 Rectifier

Replacing: 1127320359

Servicing: 0120469502, 0120469503, 0120469504, 0120469505, 0120469528, 0120469533, 0120469551, 0120469552, 0120469553, 0120469554

W thread 6.30, **B+/ threaded** M8/30.75, **ID** 36.00, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **W type** Spade, **No./ diodes** 14, **Capacitor** w/o



231218 Rectifier

Replacing: 1127320603, 1127320517

Servicing: 0120469549, 0120469634, 0120469673, 0120469679, 0120469691, 0120469849, 0120469890, B120427969, B120500545, B120500670

35 **Amp/ diode**, **W thread** 6.30-14.50, **B+/ threaded** M6/30.85, **D+ threaded** M4/22.65, **ID** 35.15, **OD** 120.00, **Mount. dist.** 75.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 8



231344 Rectifier

Replacing: 1127319587, 1127319556

Servicing: 0123505014, 0123505015, 0123505016

B+/ threaded M8/23.10, **ID** 23.00, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



231451 Rectifier

Replacing: 1127320753

Servicing: 0120468143, 0120468145, 0120469101, 0120469115, 0120469116, 0120469117, 0120469118, 0120469119, 0120469120, 6033G004BY

W thread M4/23.00, **B+/ threaded** M8/32.00, **D+ threaded** M5/23.00, **ID** 36.00, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **No./ diodes** 8, **Capacitor** w/o



231524 Rectifier

Replacing: f00m133346, F00M133296, f00m133291, f00m133223

Servicing: 0120000019, 0124525109, 0124525168, 0124555003, 0124555005, 0124555006, 0124555009, 0124555010, 0124555013, 0124555014

B+/ threaded M8/19.00, **ID** 27.70, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6

Diode: HC-CARGO 138634, 138635.



231590 Rectifier

Replacing: 1127319744, 1127319743

Servicing: 0123500007, 0123500008, 0123500009, 0123505001, 0123505002, 0123505003, 0123510043, 0123510062, 0123510063, 0123510064

B+/ threaded M8/22.00, **D+ threaded** M5/11.20, **ID** 23.00, **OD** 124.20, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



231592 Rectifier

Replacing: f00m123318, F00M123272, f00m123237, f00m123231, f00m123203

Servicing: 0124415001, 0124415002, 0124415004, 0124415005, 0124415006, 0124415007, 0124415008, 0124415009, 0124415010, 0124415013

B+/ threaded M8/21.00, **ID** 28.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



231643 Rectifier

Replacing: 1127319802

Servicing: 0123510108

B+/ threaded M8/26.00, **D+ threaded** M5/9.00, **ID** 23.00, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



231714 Rectifier

Replacing: f00m133365, f00m133200

Servicing: 0124515001, 0124515004, 0124515005, 0124515006, 0124515008, 0124515015, 0124515016, 0124515023, 0124515031, 0124515032

50 **Amp/ diode**, **B+/ threaded** M8/21.00, **ID** 27.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



231989 Rectifier

Replacing: 1127319800, 1127319799, 1127319613, 1127319516

Servicing: 0123510010, 0123510011

50 **Amp/ diode**, **B+/ threaded** M8/36.00, **D+ threaded** M5/23.00, **ID** 23.00, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6 *w/ terminal W.*



233371# Rectifier

Replacing: 1127320930

Servicing: 0120488214, 0120488215, 0120489467, 0120489476, B120402382, B120402383, B120427451

50 **Amp/ diode**, **B+/ threaded** M6/31.00, **D+ threaded** 6.30, **ID** 36.85, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o



233465 Rectifier

Replacing: f00m113208

Servicing: 0124215005, 0124225011

B+/ threaded M8/19.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8



233467 Rectifier

Replacing: F00M123255, f00m123228

Servicing: 0124315012, 0124315030, 0124315042, 0124315043, 0124325021, 0124325022, 0124325035, 0124325094, 0124325097, 0124325182

40 **Amp/ diode**, **B+/ threaded** M8/19.35, **ID** 25.50, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



233469 Rectifier

Replacing: F00M133347, F00M133266, f00m133208

Servicing: 0124525034, 0124525035, 0124525063, 0124525206, 0124615002, 012461500C, 0124615027

B+/ threaded M8/9.85, **ID** 28.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



233524 Rectifier

Replacing: f00m123233

Servicing: 0124225062, 0124315019, 0124315027, 0124325100, B120416351

B+/ threaded M8, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

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O.E.M. names and numbers are used for reference purposes only.
Available while stock last, * Program development.



233561 Rectifier

Replacing: f00m123211

Servicing: 0124415011, 0124415012, 0124415037

B+/ threaded M8/25.00, **ID** 26.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



233718 Rectifier

Replacing: 1127319677, 1127319676

Servicing: 0123510008, 0123510048

B+/ threaded M8/35.00, **D+ threaded** M5/16.00, **ID** 22.45, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



233778 Rectifier

Replacing: 1127320749, 1127320739, 1127320732, 1127320728, 1127320725, 1127320723, 1127320715, 1127320705

Servicing: 0120468017, 0120468018, 0120468019, 0120468020, 0120468022, 0120468025, 0120468026, 0120468027, 0120468029, 0120468052

35 **Amp/ diode**, **B+/ threaded** M8/33.00, **D+ threaded** M5/20.00, **ID** 36.45, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 8



233780 Rectifier

Replacing: 1127320737

Servicing: 0120468004, 0120468005, 0120468006, B120500183

35 **Amp/ diode**, **B+/ threaded** M8/33.00, **D+ threaded** M5/33.00, **ID** 37.35, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 14



233923 Rectifier

Replacing: 1127319771

Servicing: 0123520017, 0123520029, 9123520017

B+/ threaded M8/26.00, **D+ threaded** M5/13.00, **ID** 23.35, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 12, **Capacitor** w/o



234333 Rectifier

Replacing: 1127319794

Servicing: 0123525501

B+/ threaded M8/12.00, **ID** 23.25, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8



234357 Rectifier

Replacing: 1127319721, 1127319720

Servicing: 0123525001, 0123525500, 0123525502, 0123525503

B+/ threaded M8/33.00, **ID** 23.15, **OD** 120.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



234424 Rectifier

Replacing: F00M133248, F00M133230, f00m133206

Servicing: 0124515028, 0124515040, 0124515058, 0124525010, 0124525089

B+/ threaded M8/19.00, **D+ threaded** M5, **OD** 130.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6



234775 Rectifier

Replacing: F00M113252, f00m113207

Servicing: 0124225016

B+/ threaded M8/16.00, **OD** 120.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 8



234782 Rectifier

Replacing: f00m123315, f00m123216

Servicing: 0124320002, 0124325052, 0124325180, 0124325205, 0124325226, 0124325227

B+/ threaded M8/20.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6



234792 Rectifier

Replacing: 1127011186

Servicing: 0120488252, 0120488253, 0120488266, B120402681, B120402682, B120402774

35 **Amp/ diode**, **B+/ threaded** M8/31.00, **D+ threaded** M4/19.00, **ID** 36.45, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **Capacitor** w/o, **Diode type** Avalanche, **No./ diodes** 6

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



234839 Rectifier

Replacing: 1127319782, 1127319781

Servicing: 0123515500, 0123515501, 0123515503, 0124515503

W thread 6.30, **B+/ threaded** M8/26.00, **D+ threaded** M5/15.00, **ID** 23.00, **OD** 124.00, **Mount. dist.** 71.50, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 10, **Capacitor** w/



234953 Rectifier

Replacing: 9121067394, 9121067388, 9121067375, 9121067374, 9121067371, 9121067364, 9121067067

Servicing: 0120488296, 0120488297, 9120060009, 9120060023, 9120060038

40 **Amp/ diode**, **B+/ threaded** M8/30.00, **ID** 36.00, **OD** 114.00, **B+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 8
w/ terminal W.



235051 Rectifier

Replacing: f00m133286, F00M133224

Servicing: 0120000018, 0124555001, 0124555002, 0124555004, 0124555007, 0124555008, 0124555011, 0124555012, 0124555015, 0124555016

50 **Amp/ diode**, **B+/ threaded** M8/21.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6

Alternative no.: 333283 5★



235052 Rectifier

Replacing: f00m123335, f00m123234

Servicing: 0124415016, 0124415029, 0124415030, 0124415031, 0124415032

B+/ threaded M6/20.00, **D+ threaded** M8/7.00, **ID** 30.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6



235053 Rectifier

Replacing: f00m123304, f00m123215

Servicing: 0124325009, 0124325058, 0124325145

B+/ threaded M8x1.25/26.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



235057 Rectifier

Replacing: 9121337093

Servicing: 6033GB5007, 6033gb5009, 9120335002

W thread 6.30, **B+/ threaded** M6/26.00, **D+ threaded** M5/23.00, **ID** 36.00, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 8



235218 Rectifier

Replacing: F00M133259, F00M133247, F00M133229, F00M133218

Servicing: 0120000015, 0120000037, 0124515040, 0124515049, 0124525001, 0124525008, 0124525009, 0124525010, 0124525013, 0124525014

50 **Amp/ diode**, **B+/ threaded** M8/20.00, **ID** 29.00, **OD** 130.00, **Diode type** Avalanche, **No./ diodes** 6



235434# Rectifier

Replacing: f00m123239

Servicing: 0124315026

50 **Amp/ diode**, **B+/ threaded** M8/21.00, **OD** 120.00, **Diode type** Avalanche, **No./ diodes** 6



235546 Rectifier

Replacing: f00m123229, f00m123226

Servicing: 0124325044, 0124325050, 0124325051, 0124325056, 0124325057, 0124325081, 0124325083, 0124325090, 0124325091, 0124325092

B+/ threaded M8, **OD** 120.00, **B+ type** Bolt, **No./ diodes** 6



235567 Rectifier

Replacing: F00M123316, f00m123313, F00M123236, F00M123230

Servicing: 0124325024, 0124325031, 0124325053, 0124325122, 0124325158, 0124325175, 0124325184, 0124325185

B+/ threaded M8/21.00, **ID** 28.00, **OD** 120.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/o



235669 Rectifier

Replacing: 1125715489

Servicing: 0120400600, 0120400601, 0120400603, 0120400606, 0120400607, 0120400611, 0120400617, 0120400632, 0120400633, 0120400634

35 **Amp/ diode**, **ID** 49.99, **OD** 119.00, **No./ diodes** 3

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



235694 Rectifier

Replacing: f00m123323, f00m123238

Servicing: 01240AC30B, 01240AC5HB, 01240AD39A, 01240AD39B, 0124315015, 0124315016, 0124315024, 0124315025, 0124315029, 0124315033

22 **Zener V**, **B+/ threaded** M8/17.00, **ID** 33.20, **OD** 120.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



235765 Rectifier

Replacing: 1127319627, 1127319626

Servicing: 0123310033, 0123310051

14 **V**, **B+/ threaded** M8, **D+ threaded** M5, **B+ type** Bolt, **D+ type** Bolt



235792 Rectifier

Replacing: 1127319758, 1127319757

Servicing: 0123510096

14 **V**, 20/24 **Zener V**, 65 **Amp/ diode**, **B+/ threaded** M8/23.40, **D+ threaded** M5/9.40, **ID** 23.08, **OD** 125.80, **B+ type** Bolt, **D+ type** Bolt, **Diode type** Zener, **No./ diodes** 6, **Capacitor** w/o



235891 Rectifier

Replacing: F00M133372, F00M133369, F00M133226

Servicing: 0124515050, 0124515052, 0124515097

14 **V**, **B+/ threaded** M8/37.00, **ID** 34.00, **OD** 130.00, **Mount. dist.** 100.00, **Diode type** Avalanche, **No./ diodes** 6



236821 Rectifier

Replacing: f00m133276, F00M133249

Servicing: 0124625001, 0124625003, 0124625005, 0124625006, 0124625007, 0124625010, 0124625020, 0124625022, 0124625024, 0124625025

80 **Amp/ diode**, **B+/ threaded** M8/21.00, **OD** 130.00, **Diode type** Avalanche, **No./ diodes** 6



237240 Rectifier

Replacing: 1127319112

Servicing: 0120468132, 6033G3058B, 6033GB3035, 6033GB3036

50 **Amp/ diode**, **W thread** M5/25.00, **B+/ threaded** M8/31.00, **D+ threaded** M4/22.00, **ID** 34.50, **OD** 125.00, **B+ type** Bolt, **D+ type** Bolt, **W type** Bolt, **Diode type** Avalanche, **No./ diodes** 10, **Capacitor** w/o

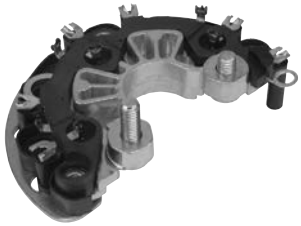


237268 Rectifier

Replacing: f00m053201, F00M053200, 1127319700

Servicing: 0123520003, 0123520004, 0123520006, 0123520007, 0123520008, 0123520010, 0123520011, 0123520012, 0123520013, 0123520014

20-30 **Zener V**, 50 **Amp/ diode**, **B+/ threaded** M8/27.00, **D+ threaded** M5/15.00, **ID** 23.02, **OD** 124.00, **Mount. dist.** 65.00, **B+ type** Bolt, **D+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 12, **Capacitor** w/



237356 Rectifier

Replacing: f00m133289, F00M133243

Servicing: 0124525028, 0124525043, 0124525044, 0124525047, 0124525049, 0124525053, 0124525069, 0124525070, 0124525076, 0124525078

14 **V**, 60 **Amp/ diode**, **B+/ threaded** M8x1.25/23.50, **ID** 30.00, **OD** 130.00, **Mount. dist.** 100.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6

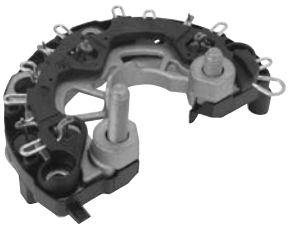


237677 Rectifier

Replacing: F00M123278, F00M123258

Servicing: 0124225063, 0124325108

14 **V**, **B+** 17.90, **B+/ threaded** M8, **ID** 30.00, **OD** 117.50, **Mount. dist.** 53.60, **B+ type** Bolt, **No./ diodes** 8



239621 Rectifier

Replacing: F00M123306, F00M123246

Servicing: 0124325060, 0124325148

14 **V**, **B+** 26.50, **B+/ threaded** M8/20.00, **ID** 30.00, **OD** 120.00, **Diode type** Zener, **No./ diodes** 6



239990 Rectifier

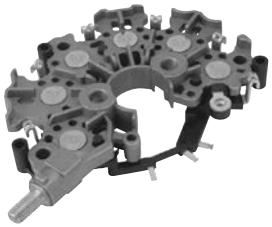
Replacing: F00M113219

Servicing: 0124225051, 0124225055, F004225000, F004225100

90 **Amp/ diode**, **ID** 29.50, **OD** 120.50, **Diode type** Zener, **No./ diodes** 8, **Capacitor** w/o

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



330675 Rectifier

Replacing: F00M324059

Servicing: 0121715012

14 **V**, **B+/ threaded** M8/15.67, **ID** 24.89, **OD** 126.96, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 4, **Capacitor** w/o



331001 Rectifier

Replacing: F00M133361, F00M133292, F00M133274, f00m133211, F00M123248

Servicing: 0120000033, 0124515043, 0124515082, 0124515089, 0124515109, 0124525017, 0124525019, 0124525030, 0124525031, 0124525054

14 **V**, **B+/ threaded** M8/18.00, **ID** 29.50, **OD** 129.50, **Mount. dist.** 53.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/o



331002 Rectifier

Replacing: F00M133331, F00M133240

Servicing: 0124625002, 0124625014, 0124625015, 0124625019, 0124625033, 0124625045

B+/ threaded M8/8.90, **ID** 30.00, **OD** 133.00, **Mount. dist.** 53.00, **B+ type** Bolt, **Diode type** Zener, **Capacitor** w/o



332628 Rectifier

Replacing: F00M123324, F00M123250

Servicing: 0124325082, 0124325084, 0124325085, 0124325086

14 **V**, **B+** 10.00, **B+/ threaded** M8, **ID** 20.70, **OD** 120.00, **Mount. dist.** 53.00, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 8, **Capacitor** w/o

NEW PRODUCT
www.hc-cargo.com

333086* Rectifier

Servicing: A124N, A12M, A124

35 **Amp/ diode**, **B+/ threaded** M6, **ID** 48.70, **OD** 110.00, **B+ type** Bolt, **No./ diodes** 3

NEW PRODUCT
www.hc-cargo.com

333097* Rectifier

Replacing: f00m113210

Servicing: 0124325030, 0124325062, 0124325072

14 **V**, **B+/ threaded** M8/14.50, **ID** 30.00, **OD** 121.00, **No./ diodes** 3



333283 5★ Rectifier

Manufacturer: Bosch

Replacing: f00m133286, F00M133224

Servicing: 0124555001, 0124555002, 0124555004, 0124555008, 0124555022, 0124655001, 0124655004, 0124655007, 0124655016

14-28 **V**, 50 **Amp/ diode**, **B+** M8, **B+/ threaded** M8/21.00, **ID** 34.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Brush gear** w/o
Alternative no.: 235051



333284 5★ Rectifier

Manufacturer: Bosch

Replacing: 1127320864, 1127320844, 1127320807, 1127319730, 1127319729, 1127319593, 1127319510

Servicing: 0123310041, 0123335004

14 **V**, 50 **Amp/ diode**, **W thread** 6.30, **B+** M8, **B+/ threaded** M8/23.50, **D+** M5, **D+ threaded** M5/12.50, **ID** 22.75, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 6, **Brush gear** w/o, **Capacitor** w/
Alternative no.: 137333

NEW PRODUCT
www.hc-cargo.com

333327* Rectifier

Replacing: F00M113232

Servicing: 0124225053



333329 Rectifier

Replacing: F00M133234

Servicing: 0124515042, 0124515072, 0124515073, 0124515091, 0124515118

14 **V**, **B+/ threaded** M8, **ID** 34.50, **OD** 120.50, **Mount. dist.** 100.00, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 6

NEW PRODUCT
www.hc-cargo.com

333348* Rectifier

Replacing: F00M314028, F00M314000

Servicing: 0121615001

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#Available while stock last, * Program development.

NEW PRODUCT
www.hc-cargo.com

333365* Rectifier

Replacing: F00M113231

Servicing: 0124225052, F004315100

NEW PRODUCT
www.hc-cargo.com

333390* Rectifier

Replacing: F00M123274, f00m113202

Servicing: 0124215005, 0124215006, 0124225012, 0124225028, 0124225041, 0124225046, 0124315018, 0124315020, 0124315021, 0124315022

14 **V**, 70 **Amp/ diode**, **B+/ threaded** M8/17.50, **ID** 29.00, **OD** 121.00, **No./ diodes** 6



333527 5★ Rectifier

Manufacturer: Bosch

Replacing: f00m133290

Servicing: 0124555032, 0124555044, 0124555045, 0124555046, 0124555065, 0124555069, 0124555071, 0124555072, 0124555079, 0124555080

28 **V**, 50 **Amp/ diode**, **B+** 21.00, **B+/ threaded** M8, **ID** 34.50, **OD** 130.00, **Mount. dist.** 100.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6
Alternative no.: 333611



333557 5★ Rectifier

Manufacturer: Bosch

Replacing: F00M133363, F00M133351, f00m133246, F00M133244, f00m133228, f00m133201

Servicing: 0124515010, 0124515011, 0124515012, 0124515013, 0124515017, 0124515018, 0124515019, 0124515020, 0124515021, 0124515022

14 **V**, 50 **Amp/ diode**, **B+** 20.00, **B+/ threaded** M8, **ID** 34.50, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
Alternative no.: 139921



333558 5★ Rectifier

Manufacturer: Bosch

Replacing: f00m133289, F00M133243

Servicing: 0124525047, 0124525049, 0124525053, 0124525069, 0124525070, 0124525076, 0124525078, 0124525081, 0124525101, 0124525108

14 **V**, 65 **Amp/ diode**, **B+** 23.00, **B+/ threaded** M8, **ID** 34.50, **OD** 130.00, **Mount. dist.** 100.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6
Alternative no.: 237356



333573 5★ Rectifier

Manufacturer: Bosch

Replacing: F00m123244, f00m123227, f00m123201, f00m123200, 1004336996, 1004336836, 1004336829

Servicing: 0001108130, 0001108176, 0124225010, 0124315001, 0124315003, 0124315004, 0124315005, 0124315006, 0124315007, 0124315008

14 **V**, 35 **Amp/ diode**, **B+** 20.00, **B+/ threaded** M8, **ID** 34.50, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
Alternative no.: 230075

NEW PRODUCT
www.hc-cargo.com

333611* Rectifier

Replacing: f00m133290

Alternative no.: 333527 5★

Rectifier Parts

Diodes

Pkg. 10



130669 Diode (+)

Replacing: 0270100417, 0270100413, 0270100411, 0270100405, 0270100114, 0270100111, 0270100102, 0270100101

Servicing: 0120400601, 0120400603, 0120400605, 0120400611, 0120400614, 0120400621, 0120400625, 0120400633, 0120400635, 0120400637

200 **V**, 25 **Amp**, **OD** 1/2"/12.70, **Lead length** 27.00, **Polarity** Positive, **Diode type** Press-fit

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Pkg. 10



130670 Diode (-)

Replacing: 0270100424, 0270100418, 0270100414, 0270100412, 0270100406

Servicing: 0120400600, 0120400601, 0120400602, 0120400603, 0120400604, 0120400605, 0120400606, 0120400608, 0120400609, 0120400611

200 **V**, 25 **Amp**, **OD** 1/2"/12.70, **Lead length** 27.00, **Polarity** Negative, **Diode type** Press-fit

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Pkg. 10



130911 Diode (-)

Replacing: 0270100364, 0270100358, 0270100354, 0270100352, 0270100132, 0270100112, 0270100104, 0270100020

Servicing: 0120300552, 0120300558, 0120300559, 0120300562, 0120300568, 0120300569, 0120335006, 0120339512, 0120339513, 0120339514

200 **V**, 35 **Amp**, **OD** 1/2"/12.70, **OD/ collar** 11.30, **Lead length** 20.00, **Polarity** Negative, **Diode type** Press-fit

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#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



130912 Diode (+)

Replacing: 1127320082, 1127320081, 1127320046, 1127320043, 1127320037, 1127320025, 0270100423, 0270100357

Servicing: 0120300552, 0120300558, 0120300559, 0120300562, 0120300568, 0120300569, 0120335006, 0120339512, 0120339513, 0120339514

200 **V**, 35 **Amp**, **OD** 1/2"/12.70, **OD/ collar** 11.35, **Lead length** 20.00, **Polarity** Positive, **Diode type** Press-fit

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Diode Avalanche

Pkg. 10



236252 Diode (+)

Replacing: 0270300113

Servicing: 0120485011, 0120485012, 0120485022, 0121615021, 0121615027, 0121615121, 0121715001, 0121715029, 01220AA000, 01220aa0b0

19/25 **V**, 65 **Amp**, **OD** 11.20, **OD/ collar** 12.75, **Lead length** 21.13, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

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Pkg. 10



236253 Diode (-)

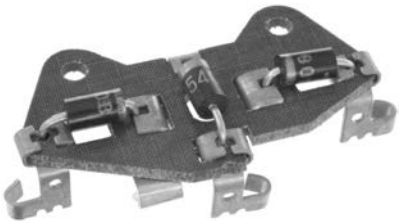
Replacing: 0270300114

Servicing: 0120485011, 0120485012, 0120485022, 0121615021, 0121615027, 0121615121, 0121715001, 0121715029, 01220AA000, 01220aa0b0

19/25 **V**, 65 **Amp**, **OD** 11.20, **OD/ collar** 12.75, **Lead length** 20.76, **Polarity** Negative, **Diode type** Press-fit, **Mount. type** Press fit

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Diode Trios



131095 Diode Trio

Replacing: 1121099011, 1121099010, 1121099009, 1121099008, 1121099007, 1121099006, 1121099005, 1121099003

Servicing: 0120400505, 0120400600, 0120400601, 0120400602, 0120400603, 0120400604, 0120400605, 0120400606, 0120400607, 0120400608

ID/ mount. hole 4.25, **OD** 60.40, **Dist./ mount. holes** 35.00, **No./ diodes** 3

Terminals

Pkg. 10



133373 Terminal Bolt

Thread size M8, **Total length** 55.50, **Thread length** 39.00
B+.

Pkg. 10



133374 Terminal Bolt

Thread size M8, **Total length** 52.50, **Thread length** 37.50
B+.

Pkg. 10



139326 Terminal Bolt

Servicing: 6033gb5007

Thread size M6/M8, **Total length** 53.00, **Thread length** 22.40/15.10
B+.

Pkg. 5



232601 Battery Terminal

Thread size M6/M8, **Total length** 62.50, **Thread length** 17.20/30.45
B+ terminal.

Pkg. 5



232602 Battery Terminal

Thread size M8, **Total length** 52.00, **Thread length** 38.00
B+ terminal.

Pkg. 5



232603# Battery Terminal

Thread size M5, **Total length** 49.00, **Thread length** 35.00
B+ terminal.

Pkg. 5



233089 Terminal Bolt

Servicing: 0120689533, 0120689548, 0120689552, 0120689553, 0120689566, 0120689567, 0123325500, 1127320547, 1127320550, 1127320571

Thread size M6, **Total length** 54.50, **Thread length** 18.50
w/ terminal W.

All measurements are in mm, unless else stated.
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O.E.M. names and numbers are used for reference purposes only.



233919 Insulator

Replacing: F00M05A400

Servicing: 0123520017, 0123520029

ID/ mount. hole 9.00, **Length** 57.50, **Height** 14.00

Terminal 6.30 mm. B+.

Various

Pkg. 5



233100 Insulator

Servicing: 0120450018, 0120450019, 0120450020, 0120450021, 0120450022, 0120450023, 0120450024, 0120450025, 0120484017

ID 8.00



234464 Insulation Kit

Servicing: 0120489376, 0120489377, B120402702

Pkg. 10



235363 Isulation

Servicing: 01220AA000, 01220aa0b0, 01220aa0d0, 01220aa0r0, 01220AA1A0, 01220AA1H0, 01220AA1J0, 01220aa1p0, 01220aa2a0, 0122468015

ID 74.05, **OD** 136.90, **Thickness** 0.54, **Material** Rubber, **Type** Alternator, **No./ mount. holes** 6

Bearings

Ball Bearings



140794 6203 Ball Bearing

Replacing: 1900900305

Servicing: 0010300002, 0010300004, 0010300100, 0010300101, 0101302004, 0101302005, 0101302016, 0101302022, 0101302023, 0101302025

ID 17.00, **OD** 40.00, **Height** 12.00



140795 6004 Ball Bearing

Replacing: 1410900012

ID 20.00, **OD** 42.00, **Height** 12.00



142074 Ball Bearing

Replacing: f00m990437

Servicing: 0124625044, 0124625059, 0124625061, 0124625062, 0124625066, 0124625067, 0124625069, 0124625071, 0124625072, 0124625076

ID 17.00, **OD** 62.00, **Height** 21.00, **Lock ring** w/o, **Oil seals** w/o, **Bushing** w/o

Needle Bearings



140901 Needle Bearing

Replacing: 140901

Servicing: 0001420003, 0001420004, 0001420009, 0001420010, 0001420011, 0001420013, 0001420015, 0001420024

ID 22.00, **OD** 28.00, **Height** 20.00, **Rolls** 24

Pkg. 5



140902 Needle Bearing

Replacing: 140902

Servicing: 0001420003, 0001420004, 0001420009, 0001420010, 0001420011, 0001420013, 0001420015, 0001420024

ID 18.00, **OD** 24.00, **Height** 16.00, **Rolls** 22

Pkg. 10



141268 Needle Bearing

Replacing: 141268

ID 9.20, **OD** 13.00, **Height** 11.90, **Rolls** 14

Pkg. 10



141269 Needle Bearing

Replacing: 141269

ID 30.50, **OD** 37.00, **Height** 11.90, **Rolls** 26

Roller Bearings



140515 Roller Bearing

Replacing: 2120910001, 1900910024

Servicing: 0120389567, 0120689502, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689511

ID 15.00, **OD** 35.00, **Height** 11.00, **Rolls** 10

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



140516 Roller Bearing

Replacing: 1900910032

Servicing: 0120600511, 0120600514, 0120600525, 0120600527, 0120600532, 0120600533, 0120600538, 0120600541, 0120600547, 0120600553

ID 25.00, **OD** 52.00, **Height** 15.00, **Rolls** 13

Pkg. 5



140760 Roller Bearing

Replacing: 1900910201

ID 17.00, **OD** 40.00, **Height** 12.00



140761 Roller Bearing

Replacing: 1900910203

ID 25.00, **OD** 52.00, **Height** 15.00



140762 Roller Bearing

Replacing: 140762

ID 30.00, **OD** 62.00, **Height** 16.00

Pkg. 10



140803 Roller Bearing

Replacing: 1900910202

ID 20.00, **OD** 47.00, **Height** 15.30

Pkg. 10



140816 Roller Bearing

Replacing: 2120910000

Servicing: 0120689519, 0120689529, 0120689536, 0120689537, 0120689544, 0120689547, 0120689554, 0120689556, 0120689560, 0120689589

ID 20.00, **OD** 47.00, **Height** 14.00, **Rolls** 12



142303 Ball Bearing

Replacing: 142303

ID 17.00, **OD** 40.00, **Height** 12.00

Special Bearings

Pkg. 14



140105 Ball Bearing

Replacing: 1900905282, 1900905274, 1120905282, 1120905107, 1120905105, 1120905031, 1120905024, 1120905006

Servicing: 0120400728, 0120400908, 0120400909, 0120400943, 0120450007, 0120450010, 0120450015, 0120468028, 0120468037, 0120468053

ID 12.00, **OD** 32.00, **Height** 14.00

Pkg. 10



140116 Ball Bearing

Replacing: 6033gd7001, 1900905375, 1120905003, 1120900012, 1120900002

Servicing: 0120300550, 0120300551, 0120300558, 0120300559, 0120300568, 0120300569, 0120300591, 0120300592, 0120339512, 0120339514

ID 12.00, **OD** 28.00, **Height** 12.00

Pkg. 10



140176 Ball Bearing

Replacing: 365740bb1b, 1120900010, 1120900008

Servicing: 0120400633, 0120400664, 0120400667, 0120400668, 0120400683, 0120400684, 0120400695, 0120400701, 0120400712, 0120400713

ID 17.00, **OD** 62.00, **Height** 17.50

Pkg. 10



140263 Ball Bearing

Replacing: f00m990434, F00M990426, F00M990425, f00m990417, f00m990415, 1120905531, 1120905096, 1120905095

Servicing: 0120000002, 0120000006, 0120000013, 0120000018, 0120000030, 0120000032, 0120465003, 0120465004, 0120465013, 0120465014

ID 17.00, **OD** 52.00, **Height** 17.00
Alternative no.: B140263

Pkg. 5



140442 Ball Bearing

Replacing: 140442

ID 20.00, **OD** 52.00, **Height** 21.00

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Available while stock last, * Program development.

Pkg. 10



140569 Ball Bearing

Replacing: 1120905103, 1120905005

Servicing: 0120400728, 0120468053, 0120468107, 0120468113, 0120468115, 0120468117, 0120468118, 0120468137, 0120468138, 0120468140

ID 17.00, **OD** 52.00, **Height** 21.00



140707 Ball Bearing

Replacing: 2120905006, 2120905004, 2120905000

Servicing: 0120389567, 0120600592, 0120689519, 0120689520, 0120689522, 0120689523, 0120689526, 0120689527, 0120689528, 0120689529

ID 30.00, **OD** 72.00, **Height** 27.00

Pkg. 5



140879 Ball Bearing

Replacing: 1120905043, 1120905007, 1120900009

Servicing: 0122469001, 0122469002, 0122469003, 0122469004, 0122469005, B122423815, B122423831

ID 25.00, **OD** 62.00, **Height** 24.00



140917 Ball Bearing

Replacing: 1120905035

Servicing: 0120468028, 0120468054, 0120468055, 0120468136, 0120468147, B120500078, B120500603, B120500671

ID 22.20, **OD** 56.00, **Height** 21.00

Pkg. 10



140957 B17-127D-2RS-P Ball Bearing

Replacing: 1120905097

Servicing: 0120468131, 0120468132, 0120468135, 0120468144, 0120468146, 0120468155, 0120468161, 0120469033, 0120469044, 0120469104

ID 17.00, **OD** 62.00, **Height** 20.00



141232 Ball Bearing

Replacing: 1120905520, 1120905510, 1120905509, 1120905507, 1120905506, 1120905504, 1120905072, 1120905071

Servicing: 0120000016, 0120000036, 0120465003, 0120465004, 0120465013, 0120465014, 0120465015, 0120465016, 0120465017, 0120485012

ID 17.00, **OD** 52.00, **Height** 17.00
Alternative no.: B141232

Pkg. 10



141233 Ball Bearing

Replacing: f00m990410, F00M390400, 1120905502

Servicing: 0120000001, 0120000003, 0120000004, 0120000019, 0120000023, 0120000024, 0120000025, 0120000026, 0120000027, 0120000028

ID 17.00, **OD** 47.00, **Height** 14.00
Alternative no.: B141233



142315 62306X1LLUA3 Ball bearing

Replacing: 2120905006, 2120905004, 2120905000

Servicing: 0120689519, 0120689520, 0120689526, 0120689529, 0120689533, 0120689535, 0120689536, 0120689537, 0120689541, 0120689543

ID 30.00, **OD** 72.00, **Height** 27.00



142318 Ball bearing

Replacing: 1120905520, 1120905510, 1120905509, 1120905507, 1120905506, 1120905504, 1120905072, 1120905071

Servicing: 0120485022, 01220AA000, 01220aa0b0, 01220aa0d0, 01220aa0r0, 01220aa1a0, 01220aa1p0, 01220aa2a0, 0123315501, 0123320041

ID 17.00, **OD** 52.00, **Height** 17.00

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142319* Ball bearing

Replacing: 1120905035

Servicing: 0120468028

ID 22.20, **OD** 56.00, **Height** 21.00

Pkg. 118



B140263 Ball Bearing

Replacing: B140263

Servicing: 01220aa1j0

ID 17.00, **OD** 52.00, **Height** 17.00
Alternative no.: 140263

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O.E.M. names and numbers are used for reference purposes only.

Pkg. 8



B140754 Ball Bearing

Replacing: B140754

ID 17.00, **OD** 52.00, **Height** 18.00

Pkg. 120



B141233 Ball Bearing

Replacing: B141233

Servicing: 0121615121, 0124325172, 0124525017, 0125711017, 0125711059

ID 17.00, **OD** 47.00, **Height** 14.00
Alternative no.: 141233

Fans & Pulleys

Fans



133874 Fan

Replacing: 1126610047, 1126610032

Servicing: 0120300510, 0120300511, 0120300512, 0120300513, 0120300518, 0120300519, 0120300528, 0120300529, 0120300530, 0120300531

OD 127.00, **Bore dia.** 17.00, **Height** 13.20, **Fans** 11, **Pulley** w/o



133875 Fan

Replacing: 1126610078, 1126610072, 1126610060, 1126610045

Servicing: 0120400504, 0120400505, 0120400506, 0120400507, 0120400508, 0120400510, 0120400511, 0120400512, 0120400517, 0120400518

OD 135.00, **Bore dia.** 17.00, **Height** 13.60, **Fans** 13, **Pulley** w/o
Alternative no.: B133875



134537 Fan

Replacing: 1126610111, 1126610073, 1126610067, 1126610065

Servicing: 0120450011, 0120450012, 0120450013, 0120450014, 0120450016, 0120450017, 0120450018, 0120450019, 0120450020, 0120450021

OD 141.00, **Bore dia.** 17.00, **Height** 15.55, **Fans** 12, **Pulley** w/o



134538 Fan

Replacing: 1126610099, 1126610070

Servicing: 0120400948, 0120400949, 0120400950, 0120400951, 0120400952, 0120400953, 0120400954, 0120450024, 0120450025, 0120450026

OD 141.00, **Bore dia.** 17.00, **Height** 13.30, **Fans** 12, **Pulley** w/o



136008 Fan

Replacing: 1126610052

Servicing: 0120623052, 0120689502, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689511

OD 210.00, **Bore dia.** 30.00, **Height** 24.70, **Fans** 19, **Pulley** w/o



136045 Fan

Replacing: 1126610113

Servicing: 0120469004, 0120469005, 0120469006, 0120469007, 0120469906, 0120469907, 0120469911, 0120469912, 0120469966, 0120469967

OD 146.00, **Bore dia.** 17.00, **Height** 16.55, **Fans** 12, **Pulley** w/o



136678 Fan

Replacing: 1126610046, 1126610026

Servicing: 0120400531, 0120400534, 0120400614, 0120400615, 0120400622, 0120400624, 0120400625, 0120400650, 0120400656, 0120400657

OD 135.00, **Bore dia.** 17.00, **Height** 13.15, **Rotation** ACR, **Fans** 13, **Pulley** w/o



137256 Fan

Replacing: 1126610114

Servicing: 0120468030, 0120468031, 0120468032, 0120468033, 0120468048, 0120468049, 0120468061, 0120468062, 0120468063, 0120468064

OD 154.00, **Bore dia.** 17.00, **Height** 16.70, **Fans** 12, **Pulley** w/o



230774 Fan

Replacing: 1126610110, 1126610063

Servicing: 0120450008, 0120450009, 0120468011, 0120468012, 0120468025, 0120468026, 0120468027, 0120468091, 0120468092, 0120469038

OD 145.00, **Bore dia.** 17.00, **Height** 16.80, **Fans** 12, **Pulley** w/o



231282 Fan

Replacing: 2126610033

Servicing: 0120689535, 0120689559, 0120689562, 0120689567, 0120689569, 0120689570, 0120689571, 0120689572, 0120689573, 0120689574

OD 210.00, **Bore dia.** 30.00, **Height** 23.95, **Fans** 17, **Pulley** w/o

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231755 Fan

Replacing: 1126610061

Servicing: 0120468028, 0120468054, 0120468055, 0120468136, 0120468142, 0120468147, 0122469002, 0122469004, 0122469005, B120500078

OD 165.00, **Bore dia.** 22.00, **Height** 18.00, **Fans** 17, **Pulley** w/o



234017 Fan

Replacing: 1126610108

Servicing: 0120468143, 0120468145, 0120469119, 0120469120, 6033G004BY, 6033G3081B, 6033G3082B, 6033GB3010, 6033GB3023, 6033GB3035

OD 153.00, **Bore dia.** 17.00, **Height** 16.45, **Fans** 12, **Pulley** w/o



234671# Fan

Replacing: 1126610075

Servicing: 0120689516, 0120689524, 0120689525, B120623051

OD 177.00, **Bore dia.** 30.00, **Height** 24.00, **Fans** 19, **Pulley** w/o

Pkg. 50



B133875 Fan

Replacing: 1125610060

Servicing: 0120488207, 0120488235, 0120489348, B120402420, B120402697

OD 135.00, **Bore dia.** 17.00, **Height** 13.60, **Fans** 13
Alternative no.: 133875

Pulleys



131193 Pulley

Replacing: 6033gc5113, 1126604051, 1126602004, 1126600609, 1126600494, 1126600493, 1126600251, 1126600237

Servicing: 0120300510, 0120300511, 0120300512, 0120300513, 0120300518, 0120300519, 0120300530, 0120300532, 0120300533, 0120300536

OD 83.60, **Bore dia.** 17.00, **Width** 21.50, **Depth** 19.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



131196 Pulley

Replacing: 6033gd5100, 1126600701, 1126600478, 1126600476, 1126600183, 1126600163, 1126600127, 1126600116

Servicing: 0120300505, 0120300531, 0120300540, 0120300549, 0120300550, 0120300551, 0120339504, 0120339505, 0120339506, 0120339509

OD 68.45, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 21.05, **Depth** 17.00, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1
Alternative no.: 610002



131198 Pulley

Replacing: 6033gc5067, 1126602003, 1126601067, 1126600592, 1126600385, 1126600382, 1126600186, 1126600182

Servicing: 0120300543, 0120300544, 0120300563, 0120300564, 0120300586, 0120300587, 0120300588, 0120400507, 0120400512, 0120400517

OD 76.25, **Bore dia.** 17.00, **Width** 21.00, **Depth** 19.40, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



131200 Pulley

Replacing: 1126600488, 1126600348, 1126600345, 1126600309, 1126600308, 1126600265, 1126600262, 1126600222

Servicing: 0120468082, 0120468083, 0120469586, 0120469599, 0120469633, 0120469676, 0120469677, 0120469689, 0120469690, 0120469698

OD 67.00, **Bore dia.** 17.00, **Dist./ back** 33.60, **Width** 49.00, **Depth** 31.00, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



131201 Pulley

Replacing: 1126604050, 1126600971, 1126600492, 1126600381, 1126600254, 1126600184, 1126600140, 1126600019

Servicing: 0120300511, 0120300513, 0120300518, 0120300519, 0120300530, 0120300531, 0120300533, 0120300536, 0120300537, 0120300539

OD 72.65, **Bore dia.** 17.00, **Width** 21.85, **Depth** 19.20, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



131203 Pulley

Replacing: 1126600259, 1126600103

Servicing: 0120400908, 0120400909, 0120489065, 0120489066

OD 76.15, **Bore dia.** 17.00, **Width** 37.40, **Depth** 33.30, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2

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131842 Pulley

Replacing: 9121146651, 1126600534

Servicing: 0120469644, 0120469645, 0120469684, 0120469685, 9120144295, 9120144296, 9120144297, 9120144298

OD 56.00, **Bore dia.** 17.00, **Width** 23.20, **Depth** 14.00, **Pulley type** SP, **Grooves** 5



131844 Pulley

Replacing: 1126601548, 1126601544, 1126601040, 1126601039, 1126600984, 1126600735, 1126600568, 1126600567

Servicing: 0120468057, 0120468058, 0120468059, 0120468060, 0120469694, 0120469695, 0120469744, 0120469745, 0120469746, 0120469811

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 7.50, **Width** 38.00, **Depth** 32.20, **Pulley type** SP, **Grooves** 6



131845 Pulley

Replacing: 1126601551, 1126601034, 1126600569, 1126600517, 1126600031

Servicing: 0120469746, 0120469852, 0120469853, 0120469854, 0120469855, 0120469884, 0120469897, 0120469925, 0120469928, 0120469948

OD 55.20, **Bore dia.** 17.00, **Width** 38.20, **Depth** 33.70, **Pulley type** SP, **Grooves** 6



131846 Pulley

Replacing: 1126601038, 1126600570

Servicing: 0120469856, 0120469857, 0120469894, 0120489325, 0120489327, 0120489329, 0120489331, 0120489333, B120500508

OD 62.20, **Bore dia.** 17.00, **Width** 37.70, **Depth** 34.80, **Pulley type** SP, **Grooves** 6



131928 Pulley

Replacing: 1126600434

Servicing: 0120469512, 0120469513, 0120469516, 0120469517, 0120469530, 0120469531, 0120469571, 0120469572, 0120469573, 0120469574

OD 61.00, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 34.50, **Depth** 22.00, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



133692 Pulley

Replacing: 1126600726

Servicing: A127, 0120488189, 0120489251, B120402502

OD 55.50, **Bore dia.** 17.00, **Width** 29.90, **Depth** 17.00, **Pulley type** SP, **Grooves** 3



133870 Pulley

Replacing: 1126600997, 1126600641

Servicing: 0120469870, 0120469871, 0120469874, 0120469961, 0120469962, 0120469970, 0120488111, 0120488112, 0120488178, 0120488179

OD 59.80, **Bore dia.** 17.00, **Width** 29.50, **Depth** 18.40, **Pulley type** SP, **Grooves** 6



134684 Pulley

Replacing: 9121146674, 1126600117

Servicing: 0120400763, 9120334625, 9120334626, 9120334635

OD 87.00, **Bore dia.** 17.00, **Dist./ back** 2.40, **Width** 35.20, **Depth** 19.60, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



134938 Pulley

Replacing: 1126601012, 1126600500, 1126600200, 1126600148

Servicing: 0120400722, 0120400723, 0120400852, 0120400853, 0120400912, 0120400913, 0120400932, 0120400933, 0120469563, 0120469564

OD 67.05, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 26.70, **Depth** 11.60, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2

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135057 Pulley

Replacing: 1126600395

Servicing: 0120488284, 0120489293, 0120489336, 0120489337, 0120489384, 0120489385, 0120489956, 0120489957, 0120489958, 0120489959

OD 93.65, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 20.00, **Depth** 7.90, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



135178 Pulley

Replacing: 1126600900, 1126600860, 1126600540, 1125600540

Servicing: 0120465018, 0120468009, 0120468010, 0120469559, 0120469566, 0120469567, 0120469628, 0120469659, 0120469660, 0120469664

OD 62.65, **Bore dia.** 17.00, **Dist./ back** 0.80, **Width** 32.55, **Depth** 19.90, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



135356 Pulley

Replacing: 1126600850, 1126600722

Servicing: 0120469864, 0120469865, 0120488144, 0120488145, B120402450, B120500498

OD 59.00, **Bore dia.** 17.00, **Width** 51.20, **Depth** 37.00, **Pulley type** SP, **Grooves** 6



135426 Pulley

Replacing: 1127011176, 1126600750

Servicing: 0120485015, 0123310016

OD 70.00, **Bore dia.** 17.00, **Width** 27.20, **Depth** 20.00, **Pulley type** SP, **Grooves** 6



135520 Pulley

Replacing: 1126600460

Servicing: 0120488120, 0120488121, 0120488214, 0120488215, 0120489157, 0120489158, 0120489258, 0120489259

OD 56.10, **Bore dia.** 17.00, **Width** 23.00, **Depth** 11.40, **Pulley type** SP, **Grooves** 4



135529 Pulley

Replacing: 1126601546, 1126601537, 1126601525, 1126600990, 1126600954

Servicing: 0123212001, 0123310015, 0123310023, 0123310029, 0123310053, 0123320014, 0123500006, 0123500007, 0123505003, 0123505004

OD 55.00, **Bore dia.** 17.00, **Width** 27.00, **Depth** 20.00, **Pulley type** SP, **Grooves** 6



135550 Pulley

Replacing: 1126601001, 1126600821

Servicing: 0120465007, 0120465008, 0120465022, 0120465023, 0120485018, 0120485028

OD 65.00, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 28.00, **Depth** 17.40, **Pulley type** SP, **Grooves** 6



135561 Pulley

Replacing: 1126600584

Servicing: 0120489490

OD 54.10, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 15.80, **Pulley type** SP, **Grooves** 3



135562 Pulley

Replacing: 1126601006, 1126600893

Servicing: 0120335006, 0120335007, 0120335011, 0120335012, 0124415015

OD 62.90, **Bore dia.** 17.00, **Width** 25.10, **Depth** 18.65, **Pulley type** SP, **Grooves** 6



135584 Pulley

Replacing: 1126600952

Servicing: 0120469011, 0120469012, B120501049

OD 61.00, **Bore dia.** 17.00, **Width** 54.80, **Depth** 36.80, **Pulley type** SP, **Grooves** 4



135606 Pulley

Replacing: 1126600891

Servicing: 0120465003, 0120465004, 0120465013, 0120465014, 0120465017, 0123215001, 0123305001, 0124515191, B120510040

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 9.70, **Width** 45.90, **Depth** 40.70, **Pulley type** SP, **Grooves** 8

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135776 Pulley

Replacing: 1126601555, 1126600976, 1126600940

Servicing: 0120469002, 0120469003, 0120469012, 0120469971, 0120469972, 0120485047, 0120488279, 0123315003, 0123320026, 0123335001

OD 56.00, **Bore dia.** 17.00, **Dist./ back** 18.00, **Width** 54.80, **Depth** 36.80, **Pulley type** SP, **Grooves** 4



135944 Pulley

Replacing: 1126600861, 1126600625

Servicing: 0120469788, 0120469789, 0120469996, 0120469997, 0120488130, 0120488131, 0120488259, 0120488260, 0120489465, 0120489466

OD 64.10, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 31.80, **Depth** 15.50, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



136151 Pulley

Replacing: 1126600888, 1126600886, 1126600844, 1126600694

Servicing: 0120469028, 0120469029, 0120469847, 0120469848, 0120469893, 0120469936, 0120469937, 0120469939, 0120469940, B120500501

OD 59.70, **Bore dia.** 17.00, **Dist./ back** 6.50, **Width** 42.50, **Depth** 26.60, **Pulley type** SP, **Grooves** 5



136161 Pulley

Replacing: 1126600759, 1126600712

Servicing: 0120468023, 0120468044, 0120469034, 0120469646, 0120469647, 0120469666, 0120469710, 0120469860, 0120469860/875

OD 65.70, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 35.45, **Depth** 19.60, **Pulley type** SP, **Grooves** 4



136162 Pulley

Replacing: 1126600866, 1126600865, 1126600736, 1126600666

Servicing: 0120468019, 0120468020, 0120468061, 0120468062, 0120468063, 0120468064, 0120468070, 0120468071, 0120468072, 0120468073

OD 56.80, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 41.00, **Depth** 26.40, **Pulley type** SP, **Grooves** 6



136471 Pulley

Replacing: 1126601563, 1126601531, 1126600975, 1126600906

Servicing: 0120335008, 0123100001, 0123110006, 0123110007, 0123115008, 0123115010, 0123120001, 0123320050, 0123320067, 0123500008

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 0.10, **Width** 27.20, **Depth** 20.00, **Pulley type** SP, **Grooves** 6



136700 Pulley

Replacing: f00m991203, 1126601008

Servicing: 0120485029, 0120485030, 0123310014, B120411324

OD 60.50, **Bore dia.** 17.00, **Width** 28.05, **Depth** 24.30, **Pulley type** SP, **Grooves** 6



136704 Pulley

Replacing: f00m991011, F00M061000, 1126601519

Servicing: 0123310010, 0123310012, 0123320068, 0124325006

OD 62.80, **Bore dia.** 17.00, **Width** 25.10, **Depth** 18.80, **Pulley type** SP, **Grooves** 6



136843 Pulley

Replacing: 1126601529

Servicing: 0123100002, 0123110005, 0124225031, 0124225033, 0124225036, 9123100002

OD 67.00, **Bore dia.** 17.00, **Width** 13.60, **Depth** 5.80, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



136859 Pulley

Replacing: 1126600994

Servicing: 0123320028, 0123505007, 0123505009, 0123510014, 0123510028, 0123510061, 0123510070, 0123510092, 0123515012, 0123515024

OD 64.70, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 26.50, **Depth** 13.10, **Pulley type** SP, **Grooves** 6

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137095 Pulley

Replacing: F00M991136

Servicing: 0123320023, 0123345004, 0124325053, 0124525020, 0124525130

OD 56.70, **Bore dia.** 17.00, **Dist./ back** 1.10, **Width** 29.30, **Depth** 24.50, **Pulley type** SP, **Grooves** 7



137248# Pulley

Replacing: 1126600927

Servicing: 0120468102, 0120468103, 0120468104, 0120468105, 0120468110, 0120468111, B120500934, B120501006, B120501037

OD 57.00, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 33.00, **Depth** 27.00, **Pulley type** SP, **Grooves** 6



137249 Pulley

Replacing: 1126601590, 1126601530, 1126600933

Servicing: 0120465031, 012046503B, 0120469967, 0120485048, 012048504J, 0123315013, 0123325010, 0123515004, 0123515022, 9123515022

OD 49.80, **Bore dia.** 17.00, **Width** 40.80, **Depth** 25.30, **Pulley type** SP, **Grooves** 6



137250 Pulley

Replacing: 1126600977

Servicing: 0120488219, 0120488220, 0123315004, 0123315014

OD 69.30, **Bore dia.** 17.00, **Dist./ back** 30.00, **Width** 45.60, **Depth** 30.60, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



137251 Pulley

Replacing: 1126601033, 1126600980

Servicing: 0120465015, 0120465016, 0120465017, 0120469943, 0120489330, 0123510004, 0123510018, 0123510021, 0123510040, 0123510059

OD 44.00, **Bore dia.** 17.00, **Width** 29.30, **Depth** 26.40, **Pulley type** SP, **Grooves** 6



137252 Pulley

Replacing: 1126601000

Servicing: 0120450026, 0120450027, 0120450028, 0120450029, 0120485026, 0123320004, 0123320020, 0123320022

OD 60.00, **Bore dia.** 17.00, **Width** 20.50, **Depth** 17.30, **Pulley type** SP, **Grooves** 5



137253# Pulley

Replacing: 1126601010

Servicing: 0120488139, 0120488287, B120402507

OD 62.50, **Bore dia.** 17.00, **Width** 25.50, **Depth** 7.50, **Pulley type** SP, **Grooves** 5



137254 Pulley

Replacing: 1126601542, 1126600838

Servicing: 0120468030, 0120468031, 0120468032, 0120468033, 0120468048, 0120468049, 0120468071, 0120468072, 0120468099, 0120468100

OD 47.80, **Bore dia.** 17.00, **Width** 26.60, **Depth** 11.10, **Pulley type** SP, **Grooves** 6



137255 Pulley

Replacing: 1126601547

Servicing: 0123310022, 0123310044, 0123310047, 0123320016, 0123320052, 0123320054, 0123510015, 0123510033, 0123510088, 9123320016

OD 55.90, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 27.35, **Depth** 11.45, **Pulley type** SP, **Grooves** 5



137385 Pulley

Replacing: 1126600685, 1125600685

Servicing: 0120488123, 0120488124, 0120488160, 0120488161, 0120488166, 0120488167, 0120488200, 0120488201, B120402456, B120402457

OD 49.90, **Bore dia.** 17.00, **Dist./ back** 11.20, **Width** 36.20, **Depth** 21.35, **Pulley type** SP, **Grooves** 5

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137516 Pulley

Replacing: 1126601528

Servicing: 0123310017, 0123310030, 0123315016, 0123315021

OD 56.10, **Bore dia.** 17.00, **Dist./ back** 4.40, **Width** 32.50, **Depth** 13.30, **Pulley type** SP, **Grooves** 6



137535# Pulley

Replacing: 9122336671

Servicing: 9120334317, 9120334318

OD 55.00, **Bore dia.** 17.00, **Dist./ back** 2.77, **Width** 22.20, **Depth** 7.15, **Pulley type** SP, **Grooves** 4



137605 Pulley

Replacing: 1126600923

Servicing: 0120465009, 0120465010, 0120465026, 0120465028, 0123510029, 0123510030, 0123510037, 0123510099

OD 56.00, **Bore dia.** 17.00, **Width** 27.90, **Depth** 11.00, **Pulley type** SP, **Grooves** 7



137608 Pulley

Replacing: 9122336695

Servicing: 6033GB5007, 6033GB5009, 9120335000, 9120335001, 9120335002

OD 93.80, **Bore dia.** 17.00, **Dist./ back** 7.90, **Width** 45.40, **Depth** 29.20, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



137734 Pulley

Replacing: 1126601598, 1126600993

Servicing: 0123325002, 0123325003, 0123325012, 0123325013, 0123325014, 9123325002

OD 55.00, **Bore dia.** 17.00, **Width** 23.50, **Depth** 16.50, **Pulley type** SP, **Grooves** 5



137818 Pulley

Replacing: 2126600030

Servicing: 0120600562, 0120689502, 0120689503

OD 106.80, **Bore dia.** 30.00, **Width** 35.00, **Depth** 1.80, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



137962 Pulley

Replacing: 1126601507

Servicing: 0123115011, 9120336000

OD 74.95, **Bore dia.** 17.00, **Width** 16.25, **Depth** 11.00, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



138063 Pulley

Replacing: 1126600968, 1126600599, 1126600367, 1126600364

Servicing: 0120300561, 0120300585, 0120400669, 0120400670, 0120468080, 0120468081, 0120469605, 0120469635, 0120469653, 0120469699

OD 73.40, **Bore dia.** 17.00, **Dist./ back** 3.00, **Width** 20.30, **Depth** 14.00, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



138064 Pulley

Replacing: 1126601516, 1126600770

Servicing: 0120465006, 0120465012, 0123213006, 0123500004, 0123500006, 0123505014, 0123505016, 0123510017, 0123510106, 0123545001

OD 56.00, **Bore dia.** 17.00, **Dist./ back** 1.15, **Width** 28.90, **Depth** 13.20, **Pulley type** SP, **Grooves** 6



138065 Pulley

Replacing: 1126600987, 1126600935

Servicing: 0120465011, 0120465021, 0120485023, 0120485039, 0120485044, 0123310003, 0123315006, 0123320005, 0123340005, 0123505010

OD 53.60, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 43.90, **Depth** 29.00, **Pulley type** SP, **Grooves** 7

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138066 Pulley

Replacing: 1126601011

Servicing: 0123310006

OD 62.00, **Bore dia.** 17.00, **Width** 45.80, **Depth** 30.30, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6



138069 Pulley

Replacing: f00m061001, 1126601520, 1126601513

Servicing: 0123110004, 0123310011, 0123310013, 0123510095

OD 56.50, **Bore dia.** 17.00, **Width** 24.90, **Depth** 18.55, **Pulley type** SP, **Grooves** 6



138070 Pulley

Replacing: 1126601524, 1126600950, 1126600934, 1126500945, 1126500934, 1126500524

Servicing: 0120335010, 0120465009, 0120465010, 0120465020, 0120485020, 0120485023, 0120485034, 0120485036, 0120485038, 0120485043

OD 49.50, **Bore dia.** 17.00, **Width** 37.50, **Depth** 21.50, **Pulley type** SP, **Grooves** 6



138072 Pulley

Replacing: F00M991140, 1126601562

Servicing: 0123310041, 0123320057, 0123325007, 0123335004, 0123335005, 0123510042, 0123510094, 0123510096, 0124525016

OD 51.70, **Bore dia.** 17.00, **Dist./ back** 0.30, **Width** 62.20, **Depth** 46.30, **Pulley type** SP, **Grooves** 6



138281 Pulley

Replacing: 1126601501

Servicing: 0123115009, 0123115014

OD 65.00, **Bore dia.** 17.00, **Dist./ back** 3.00, **Width** 26.30, **Depth** 18.50, **Pulley type** SP, **Grooves** 5



138339 Pulley

Replacing: 6033gd5106, 1126600639, 1126600522, 1126600282, 1126600218

Servicing: 0120300505, 0120300522, 0120300523, 0120300540, 0120300545, 0120300546, 0120300547, 0120339502, 0120339503, 0120339506

OD 62.00, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 16.60, **Depth** 0.85, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



138495 Pulley

Replacing: 1126601541, 1126601536

Servicing: 0123310040, 0123320018, 0123510026, 0123515016, 0123520005, B120510614

OD 67.50, **Bore dia.** 17.00, **Dist./ back** 10.00, **Width** 35.00, **Depth** 22.00, **Pulley type** SP, **Grooves** 6



138992 Pulley

Replacing: f00m061011, 1126601522

Servicing: 0123315007, 0123315020, 1123315007, 1123315020

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 3.00, **Width** 22.80, **Depth** 16.00, **Pulley type** SP, **Grooves** 4



139002 Pulley

Replacing: 1126601504

Servicing: 0123214002, 0123515001, 0123515002, 0123515010, 0123515023, 0123515025, B120510510

OD 45.00, **Bore dia.** 17.00, **Width** 30.00, **Depth** 14.50, **Pulley type** SP, **Grooves** 7



139247 Pulley

Replacing: 1126601561

Servicing: 0123310037, 0123320027, 0123320034, 0123510065

OD 56.00, **Bore dia.** 17.00, **Dist./ back** 0.25, **Width** 37.20, **Depth** 22.10, **Pulley type** SP, **Grooves** 6



139248 Pulley

Replacing: 9121146630

Servicing: 9120144604, 9120144605, 9120144606, 9120144610, 9120144611, 9120144615, 9120144616, 9120334314, 9120334627, 9120334628

OD 94.20, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 23.20, **Depth** 8.00, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1



139310 Pulley

Replacing: F00M991085, 1126600649

Servicing: 0120000016, 0120000035, 0120000036, 0123320060, 0123335008, 0123340007, 0123510022, 0123510050, 0123510068, 0123510074

OD 50.20, **Bore dia.** 17.00, **Width** 29.40, **Depth** 25.60, **Pulley type** SP, **Grooves** 6

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139493# Pulley

Replacing: 1126601535

Servicing: 0123310025, 0123320019, 0123505012, 0123505013, 0123510027

OD 56.00, **Bore dia.** 17.00, **Width** 27.75, **Depth** 12.10, **Pulley type** SP, **Grooves** 6



139696 Pulley

Replacing: 1126600306

Servicing: 0120400938, 0120400939, 0120400941, 0120400942, 0120488114, 0120488209, 0120488257, 0120488258, 0120489069, 0120489070

OD 64.10, **Bore dia.** 17.00, **Dist./ back** 1.20, **Width** 46.20, **Depth** 30.60, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



139864 Pulley

Servicing: 0120400672, 0120400719, 0120400721, 0120400726, 0120400727, 0120400893, 0120400894, 0120400895, 0120400896

OD 92.10, **Bore dia.** 17.00, **Dist./ back** 11.00, **Width** 23.40, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



139932 Pulley

Replacing: F00M991358, f00m991004

Servicing: 0124315003, 0124315004, 0124315008, 012431500E, 0124315030, 0124315035, 0124315036, 0124315042, 0124325003, 0124325011

OD 55.80, **Bore dia.** 17.00, **Width** 37.15, **Depth** 27.20, **Pulley type** SP, **Grooves** 6



139943 Pulley

Replacing: 1126601582

Servicing: 0123100003, 0123100008, 0123110008, B120310013

OD 53.70, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 30.80, **Depth** 19.40, **Pulley type** SP, **Grooves** 5



139970 Pulley

Replacing: 1126601500

Servicing: 0123320011, 0123320039, 0123500002, 0123500017, 0123505017

OD 59.00, **Bore dia.** 17.00, **Dist./ back** 0.30, **Width** 28.80, **Depth** 13.80, **Pulley type** SP, **Grooves** 6



139971# Pulley

Replacing: 1126601515

Servicing: 0123315008, 0123315015, 0123315017, 0123315018, 0123315019, 0123515015, 0123515018, 0123515019, 9123315019

OD 55.00, **Bore dia.** 17.00, **Width** 19.20, **Depth** 12.90, **Pulley type** SP, **Grooves** 4



230121 Pulley

Replacing: f00m991017, f00m991003, 1126601587, 1126601539

Servicing: 0123320024, 0123510032, 0123510056, 0123515013, 0123515028, 0124325004, 0124325021, 0124325022, 0124325035, 0124325097

OD 67.80, **Bore dia.** 17.00, **Width** 37.20, **Depth** 30.00, **Pulley type** SP, **Grooves** 6



230177 Pulley

Replacing: F00M991907, f00m991073

Servicing: 0124325009, 0124325058, 0124325059, 0124325145, 0124325146, 0124415011, 0124415012, 0124415037

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 34.10, **Depth** 27.40, **Pulley type** SP, **Grooves** 5



230239 Pulley

Replacing: 1126601503

Servicing: 0123505008, 0123510013, 0123510014, 0123510015, 0123520003

OD 58.00, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 26.80, **Depth** 11.30, **Pulley type** SP, **Grooves** 6



230240 Pulley

Replacing: 1126601534

Servicing: 0123310024, 0123310031, 0123320009, 0123320017, 0123320025, 0123320055, 0123515008

OD 56.00, **Bore dia.** 17.00, **Dist./ back** 0.20, **Width** 24.10, **Depth** 8.50, **Pulley type** SP, **Grooves** 5



230475 Pulley

Replacing: F00M991185, f00m991005

Servicing: 0124225001, 0124225002, 0124225018, 0124225020, 0124225022, 0124225024, 0124225037, 0124225041, 0124225045, 0124225046

OD 54.00, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 27.00, **Depth** 19.50, **Pulley type** SP, **Grooves** 5

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230719 Pulley

Replacing: f00m991006

Servicing: 0123310048, 0123310055, 0124225009, 0124225019, 0124225025, 0124415010

OD 62.10, **Bore dia.** 17.00, **Dist./ back** 0.10, **Width** 13.10, **Depth** 5.90, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



230956 Pulley

Replacing: 1126601549

Servicing: 0123320029, 0123320061, 0123510044

OD 56.00, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 29.50, **Depth** 25.40, **Pulley type** SP, **Grooves** 6



230977 Pulley

Replacing: f00m991035

Servicing: 0124225010, 0124225011, 0124225013, 0124225014

OD 47.40, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 34.16, **Depth** 24.00, **Pulley type** SP, **Grooves** 5



231092 Pulley

Replacing: 1126601102

Servicing: 0120469115, 0120469117, 0120469118

OD 72.00, **Bore dia.** 17.00, **Dist./ back** 3.40, **Width** 36.80, **Depth** 27.50, **Pulley type** SP, **Grooves** 8



231110 Pulley

Replacing: 1126601595, 1126601518

Servicing: 0123315022, 0123315023, 0123320012, 0123325011, 0123325015, 9123320012

OD 52.05, **Bore dia.** 17.00, **Width** 46.00, **Depth** 30.50, **Pulley type** SP, **Grooves** 6



231258 Pulley

Replacing: f00m991053

Servicing: 0124415004, 0124415006

OD 48.00, **Bore dia.** 17.00, **Width** 27.00, **Depth** 20.00, **Pulley type** SP, **Grooves** 6



231428 Pulley

Replacing: f00m991009

Servicing: 0124325024, 0124325184, 0124415007

OD 54.50, **Bore dia.** 17.00, **Dist./ back** 12.50, **Width** 39.50, **Depth** 27.50, **Pulley type** SP, **Grooves** 6



231441 Pulley

Replacing: F00M991188, F00M991094, f00m991029

Servicing: 0124315005, 0124315007, 0124315031, 0124325013, 0124325015, 0124325025, 0124325032, 0124325033, 0124325040, 0124325043

OD 49.10, **Bore dia.** 17.00, **Dist./ back** 5.60, **Width** 36.20, **Depth** 33.00, **Pulley type** SP, **Grooves** 6



231635# Pulley

Replacing: 1126600961, 1126600902

Servicing: 0120468108, 0120469034, 0120469979, 0120488254, B120500928

OD 66.00, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 38.50, **Depth** 23.00, **Pulley type** SP, **Grooves** 5



231715 Pulley

Replacing: f00m991160, f00m991007

Servicing: 0124225004, 0124225023, 0124225028, 0124225029, 0124225030, 0124225034, 0124325113, 0124415005, 0124415008, 0124515005

OD 49.50, **Bore dia.** 17.00, **Dist./ back** 0.18, **Width** 26.90, **Depth** 19.70, **Pulley type** SP, **Grooves** 6



231973 Pulley

Replacing: f00m991074

Servicing: 0124315014, 0124325037

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 0.80, **Width** 27.50, **Depth** 17.00, **Pulley type** SP, **Grooves** 5



232335# Pulley

Replacing: 1126601543

Servicing: 0123515007

OD 53.50, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 30.00, **Depth** 15.00, **Pulley type** SP, **Grooves** 5

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232348# Pulley

Replacing: 1126600670

Servicing: 0120400948, 0120400952, 0120450018, 0120450019, 0120450024, B120402396, B120402410, B120500650, B120500651

OD 66.00, **Bore dia.** 17.00, **Width** 23.60, **Depth** 17.00, **Pulley type** SP, **Grooves** 4



232356 Pulley

Replacing: 1126601576

Servicing: 0123315500, 0123315502, 0123315503

OD 69.30, **Bore dia.** 17.00, **Dist./ back** 0.30, **Width** 29.00, **Depth** 20.00, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



233132 Pulley

Replacing: 1126600416

Servicing: 0120469962, 0120488242, 0120488243, 0120489052, 0120489100, 0120489288, 0120489391, 0120489392, B120402057, B120500854

OD 62.40, **Bore dia.** 17.00, **Dist./ back** 1.50, **Width** 32.70, **Depth** 20.50, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



233216 Pulley

Replacing: f00m991014

Servicing: 0120625001, 0124515017, 0124515018, 0124525001, 0124525034, 0124525061, 0124525522, 0124625001

OD 56.00, **Bore dia.** 17.00, **Width** 28.90, **Depth** 21.60, **Pulley type** SP, **Grooves** 6



233507 Pulley

Replacing: f00m991030

Servicing: 01220AA1H0, 01220aa1j0, 0122468015

OD 48.50, **Bore dia.** 17.00, **Dist./ back** 0.10, **Width** 31.40, **Depth** 21.30, **Pulley type** SP, **Grooves** 7



233597 Pulley

Replacing: f00m991056

Servicing: 0124615002, 012461500C

OD 54.50, **Bore dia.** 17.00, **Dist./ back** 4.20, **Width** 28.00, **Depth** 19.25, **Pulley type** SP, **Grooves** 6



233849 Pulley

Replacing: 1126601575

Servicing: 0123510048, 0123510095

OD 57.00, **Bore dia.** 17.00, **Width** 26.30, **Depth** 10.80, **Pulley type** SP, **Grooves** 6



233850# Pulley

Replacing: 1126601570

Servicing: 0123320035, 0123320058

OD 56.00, **Bore dia.** 17.00, **Width** 27.70, **Depth** 23.80, **Pulley type** SP, **Grooves** 6



233865 Pulley

Replacing: 1126601552

Servicing: 0123325004, 0123325008

OD 89.10, **Bore dia.** 17.00, **Width** 18.00, **Depth** 10.80, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



233916 Pulley

Replacing: 1126600926, 1126600859

Servicing: 0120468009, 0120468010, 0120469786, 0120469793, 0120469992, 0120469993, B120500313, B120500976

OD 63.00, **Bore dia.** 17.00, **Dist./ back** 3.90, **Width** 34.80, **Depth** 20.40, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



233940 Pulley

Replacing: 1126601596

Servicing: 0123512500

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 0.15, **Width** 34.80, **Depth** 30.80, **Pulley type** SP, **Grooves** 8

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233971 Pulley

Replacing: f00m991072

Servicing: 0124315016, 0124315024, 0124315025, 0124315029, 0124315079, 0124325079

OD 55.00, **Bore dia.** 17.00, **Width** 25.50, **Depth** 15.00, **Pulley type** SP, **Grooves** 6



233986# Pulley

Replacing: 1126601511

Servicing: 0123115013

OD 54.50, **Bore dia.** 17.00, **Width** 20.00, **Depth** 3.00, **Pulley type** SP, **Grooves** 4



234016 Pulley

OD 90.00, **Bore dia.** 30.00, **Width** 38.40, **Depth** 7.95, **Pulley type** SP, **Grooves** 10



234026 Pulley

Replacing: f00m991055

Servicing: 0120000019, 0124320001, 0124320002, 0124325052, 0124325054, 0124510001, 0124515044, 0124515113, 0124515120, 0124555010

OD 68.00, **Bore dia.** 17.00, **Dist./ back** 0.20, **Width** 41.40, **Depth** 31.20, **Pulley type** SP, **Grooves** 6



234354 Pulley

Replacing: f00m061013

Servicing: 0123525502

OD 69.50, **Bore dia.** 17.00, **Width** 47.50, **Depth** 40.10, **Pulley type** SP, **Grooves** 12



234365 Pulley

Replacing: F00M991184, f00m991047

Servicing: 0124325168, 0124415009, 0124415016, 0124415025, 0124415033, 0124425004, 0124425019, 0124425023, 0124425026, 0124425036

OD 56.50, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 37.00, **Depth** 30.00, **Pulley type** SP, **Grooves** 5



234366 Pulley

Replacing: f00m991106

Servicing: 0124415016, 0124415029, 0124415030, 0124415031, 0124415032

OD 52.50, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 30.00, **Depth** 23.00, **Pulley type** SP, **Grooves** 6



234602 Pulley

Replacing: F00M991360, f00m991041

Servicing: 0124325019, 0124515028, 0124515040, 0124515058, 0124525008, 0124525520, 0124615007

OD 64.70, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 26.50, **Depth** 20.00, **Pulley type** SP, **Grooves** 6



234672 Pulley

Replacing: 1126601550

Servicing: 0123310033, 0123310051, 0123310052

OD 80.00, **Bore dia.** 17.00, **Width** 19.80, **Depth** 13.50, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



234968 Pulley

Replacing: F00M991120, f00m147743

Servicing: 0124555004, 0124655004

OD 77.00, **Bore dia.** 17.00, **Width** 49.50, **Depth** 37.40, **Pulley type** SP, **Grooves** 11



235081 Pulley

Replacing: F00M991104

Servicing: 0124325052, 0124325205, 0124515113, 0124515120, 0124525119, 0124555005, 0124555006, 0124655005, 0124655006, 0124655065

OD 54.70, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 38.50, **Depth** 28.50, **Pulley type** SP, **Grooves** 8



235412# Pulley

Replacing: f00m991075

Servicing: 0124315010, 0124325017, 0124325019, 0124325036, 0124515027, 0124515030, 0124515034

OD 56.20, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 25.80, **Depth** 15.50, **Pulley type** SP, **Grooves** 5

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235413 Pulley

Replacing: f00m991015

Servicing: 0124325010

OD 54.60, **Bore dia.** 17.00, **Dist./ back** 0.15, **Width** 19.60, **Depth** 9.20, **Pulley type** SP, **Grooves** 4



235481 Pulley

Replacing: f00m991259, f00m991168

Servicing: 0124555009, 0124555027, 0124555028, 0124655008, 0124655013, 0124655033, 0124665013

OD 61.20, **Bore dia.** 17.00, **Width** 44.20, **Pulley type** SP, **Grooves** 8



235533 Pulley

Replacing: F00M991087

Servicing: 0124325038, 0124325040, 0124515041, 0124515046, 0124515048, 0124515060, 0124515063

OD 55.50, **Bore dia.** 17.00, **Width** 37.50, **Depth** 30.00, **Pulley type** SP, **Grooves** 6



235561 Pulley

Servicing: 0120488176, 0120488210, MAN

OD 77.30, **Bore dia.** 17.00, **Width** 32.90, **Depth** 14.00, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



235566 Pulley

Replacing: F00M991137

Servicing: 0124625002, 0124625015

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 0.70, **Width** 35.30, **Depth** 28.50, **Pulley type** SP, **Grooves** 6



235675 Pulley

OD 93.50, **Bore dia.** 17.00, **Dist./ back** 1.10, **Width** 20.00, **Depth** 8.00, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



235793 Pulley

Replacing: f00m061002, 1126601594

Servicing: 0123520500, 0123525001, 0123525500, 0123525503

OD 62.00, **Bore dia.** 17.00, **Width** 41.82, **Depth** 34.96, **Pulley type** SP, **Grooves** 10



235811 Pulley

Replacing: F00M991119, F00M147742

Servicing: 0124555002, 0124655002

OD 72.00, **Bore dia.** 17.00, **Width** 42.00, **Depth** 30.00, **Rotation** CR/ACR, **Pulley type** SP, **Grooves** 8



236619 Pulley

OD 54.00, **Bore dia.** 17.00, **Dist./ back** 6.50, **Width** 29.70, **Depth** 14.40, **Rotation** CR/ACR, **Pulley type** SP, **Grooves** 5



236634 Pulley

Replacing: 1126600523

Servicing: 0120488147, 0120488210, 0120488211, 0120489267

OD 54.60, **Bore dia.** 15.00, **Dist./ back** 6.00, **Width** 20.50, **Depth** 10.00, **Pulley type** SP, **Grooves** 4



236721 Pulley

Replacing: f00m991290, F00M991196

Servicing: 0124525044, 0124525084, 0124525101, 0124525133, 0124525141, 0124525151, 0124525533, 0124525538, 0124525541

OD 49.00, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 34.50, **Depth** 24.50, **Pulley type** SP, **Grooves** 7



236726 Pulley

Replacing: F00M991166

Servicing: 0124525043, 0124525049, 0124525135

OD 49.00, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 31.00, **Depth** 21.50, **Pulley type** SP, **Grooves** 6

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236735 Pulley

Replacing: F00M991272, F00M991162

Servicing: 0124325163, 0124425005, 0124425020, 0124425050

OD 53.50, **Bore dia.** 17.00, **Dist./ back** 0.55, **Width** 37.50, **Depth** 31.00, **Pulley type** SP, **Grooves** 5



236842 Pulley

OD 54.50, **Bore dia.** 17.00, **Dist./ back** 10.50, **Width** 23.50, **Depth** 8.40, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 4



236850 Pulley

OD 54.70, **Bore dia.** 17.00, **Dist./ back** 4.60, **Width** 32.20, **Depth** 19.10, **Rotation** CR/ACR, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6

239986 Pulley

Replacing: F00M991235

Servicing: 0124225051, 0124225052

OD 57.30, **Bore dia.** 17.00, **Width** 25.50, **Depth** 18.40, **Pulley type** SP, **Grooves** 6



330054 Pulley

OD 57.90, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 26.60, **Depth** 17.40, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6



330073 Pulley

OD 56.58, **Bore dia.** 17.00, **Dist./ back** 3.64, **Width** 30.82, **Depth** 17.53, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6



330185 Pulley

Replacing: F00M991250

Servicing: 0124225055

Thread size M16-1.50, **OD** 62.35, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 34.50, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/ FW, **Grooves** 6



330409 Pulley

OD 48.30, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 31.60, **Depth** 21.60, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6



330502 Pulley

OD 49.80, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 23.60, **Depth** 10.50, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 4



330709 Pulley

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 11.20, **Width** 37.50, **Depth** 22.30, **Rotation** CR/ACR, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6



330768 Pulley

OD 83.10, **Bore dia.** 17.00, **Dist./ back** 8.10, **Width** 36.30, **Depth** 21.30, **Rotation** CR/ACR, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



330849 Pulley

OD 54.80, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 40.00, **Depth** 25.00, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6

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330942 Pulley

Replacing: F00M991088

Servicing: 0124325040, 0124325045, 0124515045, 0124515047

OD 47.60, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 37.70, **Depth** 28.90, **Pulley type** SP, **Grooves** 6



330965 Pulley

OD 72.00, **Bore dia.** 17.00, **Dist./ back** 6.85, **Width** 33.20, **Depth** 17.80, **Rotation** CR/ACR, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 8



331715 Pulley

OD 54.65, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 37.86, **Depth** 22.90, **Rotation** CR/ACR, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 7



332012 Pulley

OD 62.00, **Bore dia.** 17.00, **Dist./ back** 7.20, **Width** 42.10, **Depth** 29.50, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 10



332156 Pulley

OD 53.60, **Bore dia.** 17.00, **Dist./ back** 3.90, **Width** 32.00, **Depth** 19.00, **Pulley type** SP, **Grooves** 6



333132 Pulley

OD 54.60, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 30.70, **Depth** 15.40, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6



333309 Pulley

Replacing: 6033gc5005

Servicing: 0120469119, 6033G3081B, 6033GB3010, 6033GB3083

OD 57.70, **Bore dia.** 17.00, **Dist./ back** 1.90, **Width** 35.00, **Depth** 27.30, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 8

NEW PRODUCT
www.hc-cargo.com

333315 Pulley

Replacing: 1126601025, 1126600939

Servicing: 0120468113, 0120469001, 0120469013, 0120469101, 0120488278, 0120488282, B120402786, B120402794, B120501053, B120501054

Grooves 2

NEW PRODUCT
www.hc-cargo.com

333384* Pulley

Replacing: F002G11860

Servicing: 0124220008, 0124220009, 0124220010



333469 5★ Pulley

Manufacturer: Litens

Replacing: 9122336719

Servicing: 0120468143, 0120469120, 6033G004BY, 6033G3082B, 6033GB3023

OD 76.60, **Bore dia.** 17.00, **Width** 37.10, **Depth** 30.70, **Belt type** Multi Belt, **Pulley type** P, **Grooves** 9

Pkg. 50



610001 Pulley

Replacing: 610001

OD 81.50, **Bore dia.** 17.00, **Width** 21.50, **Depth** 19.50, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

Pkg. 60



610002 Pulley

Replacing: 610002

Servicing: 0120400806, 0120400807, 0120400810, 0120400866, 0120400867, 0120421142, 0120421401, 0120488176, 0120488177, 0120489048

OD 68.50, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 21.05, **Depth** 17.00, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

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Pkg. 50



610003 Pulley

Replacing: 610003

OD 75.30, **Bore dia.** 17.00, **Width** 21.30, **Depth** 19.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

Pkg. 50



610005 Pulley

Replacing: 610005

Servicing: 0120488182, 0120489766, 0120489767

OD 71.60, **Bore dia.** 17.00, **Width** 19.40, **Depth** 17.50, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



610006 Pulley

Replacing: 610006

OD 75.00, **Bore dia.** 17.00, **Width** 34.00, **Depth** 29.50, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



610007 Pulley

Replacing: 610007

OD 72.65, **Bore dia.** 15.00, **Width** 21.85, **Depth** 18.90, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



610008 Pulley

Replacing: 610008

OD 72.00, **Bore dia.** 17.00, **Dist./ back** 13.40, **Width** 35.60, **Depth** 31.60, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



610009 Pulley

Replacing: 610009

OD 67.50, **Bore dia.** 15.00, **Width** 18.50, **Depth** 16.50, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

Freewheel Pulleys



138203 Freewheel Pulley

Replacing: 1127011845, 1127011844, 1126601559

Servicing: 0123310032, 0123310034, 0123310035, 0123310039, 0123310049, 0123320031, 0123320032, 0123320037, 0123320059, 0123505018

Thread size M16-1.50, **OD** 55.70, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 40.95, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.



138282 Freewheel Pulley

Replacing: 1126601557, 1126601556, 1126301557

Servicing: 0123310038, 0123320033, 0123320036, 0123325006

Thread size M16-1.50, **OD** 55.75, **Bore dia.** 17.00, **Dist./ back** 2.00, **Width** 37.30, **Pulley type** SP/FW, **Grooves** 5
Pulley tool: HC-CARGO 210843.
Alternative no.: 332290



138807 Freewheel Pulley

Replacing: 1126601572

Servicing: 0123320047, 0123320062, 0123510044, 0123510058, 0123510075, 0123510102, 0123520010

Thread size M16-1.50, **OD** 55.60, **Bore dia.** 17.00, **Dist./ back** 1.20, **Width** 35.70, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 332291



139281 Freewheel Pulley

Replacing: 1127011846, 1126601565

Servicing: 0123310049, 0123320038, 0123515017, 0123515020

Thread size M16-1.50, **OD** 49.50, **Bore dia.** 17.00, **Dist./ back** 6.15, **Width** 40.20, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 332292

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230083 Freewheel Pulley

Replacing: 1127011847, 1126601566

Servicing: 0123320055, 0123515003

Thread size M16-1.50, **OD** 55.85, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 35.10, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843. Cap: HC-CARGO 138236.

Alternative no.: 332318



230292 Freewheel Pulley

Replacing: F00M991304, f00m061023, 1126601597

Servicing: 0123320051, 0123320065, 0123510082, 0123510107, 0123510108, 0123520023, 0123520025

Thread size M16-1.50, **OD** 49.70, **Bore dia.** 17.00, **Dist./ back** 6.10, **Width** 39.25, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332293



230293 Freewheel Pulley

Replacing: f00m991284, f00m991206, f00m991122, f00m991002, F00M147801, F00M147737, F00M147600

Servicing: 0120000015, 0121715003, 0121715047, 0121715071, 0121715103, 0121715171, 0124315001, 0124315013, 0124315032, 0124325001

Thread size M16-1.50, **OD** 55.90, **Bore dia.** 17.00, **Dist./ back** 0.35, **Width** 40.80, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332317



230296 Freewheel Pulley

Replacing: f00m991265, f00m991232, F00M991156, f00m991061, f00m991016, F00M147799, f00m147760

Servicing: 0124515019, 0124515054, 0124525001, 0124525014, 0124525029, 0124525060, 0124525521, 0124525529, 0124625003, 0124625024

Thread size M16-1.50 L, **OD** 55.80, **Bore dia.** 17.00, **Dist./ back** 1.80, **Width** 37.80, **Rotation** ACR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843. Cap: HC-CARGO 138236.

Alternative no.: 332294



230302 Freewheel Pulley

Replacing: f00m991378, f00m991045, f00m991043, F00M147724

Servicing: 0124315011, 0124325018, 0124325049, 0124515026, 0124515083, 0124515197, 0124525010, 0124525089, 0124615021

Thread size M16-1.50, **OD** 55.80, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 35.00, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843. Cap: HC-CARGO 138236.

Alternative no.: 332295



230303 Freewheel Pulley HC-CARGO

Replacing: 1126601588

Servicing: 0123520004

Thread size M16-1.50, **OD** 64.70, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 38.65, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843. Cap: HC-CARGO 230302.



230304 Freewheel Pulley

Replacing: f00m991042

Thread size M16-1.50, **OD** 56.00, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 33.40, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843.



230305 Freewheel Pulley

Replacing: f00m991391, 6033gd5036, 1126601568

Servicing: 0123320041, 0123320046, 0123320049, 0123340007, 0123510038, 0123510049, 0123510072, 0123510080, 0123510101, 0124325024

Thread size M16-1.50, **OD** 55.70, **Bore dia.** 17.00, **Dist./ back** 2.70, **Width** 38.00/41.50, **Depth** 3.50, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332319, B332319



230306 Freewheel Pulley

Replacing: f00m991044, 1126601593

Servicing: 0123320054, 0123325020, 0123510091, 0124515024

Thread size M16-1.50, **OD** 55.90, **Bore dia.** 17.00, **Dist./ back** 0.70, **Width** 35.00, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

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230307 Freewheel Pulley

Replacing: 01221aa7v0

Servicing: 01200AA0C0, 01220AA000, 01220aa0b0, 01220AA0C0, 01220aa0d0, 01220aa0r0, 01220aa1a0, 01220aa1p0, 01220aa2a0

Thread size M16-1.50, **OD** 49.80, **Bore dia.** 17.00, **Dist./ back** 2.20, **Width** 35.60, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 332296



230309 Freewheel Pulley

Replacing: F00M991326, f00m991217, f00m991039, F00M147806

Servicing: 0124315006, 0124315012, 0124325014, 0124325021, 0124425013, 0124425029, 0124425060, 0124525028, 0124525069

Thread size M16-1.50, **OD** 55.50, **Bore dia.** 17.00, **Dist./ back** 1.00/4.5, **Width** 37.25/40.75, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 5
Pulley tool: HC-CARGO 210843.
Alternative no.: 333026, B333026



230311 Freewheel Pulley

Replacing: 01221aa6k0

Thread size M16-1.50, **OD** 49.70, **Bore dia.** 17.00, **Dist./ back** 5.90, **Width** 40.00, **Pulley type** SP/FW, **Grooves** 7
Pulley tool: HC-CARGO 210843.



230315 Freewheel Pulley

Replacing: F00M991305, f00m991105

Servicing: 0124515073, 0124525057, 0399604018

Thread size M16-1.50, **OD** 52.65, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 33.60, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.



230519 Freewheel Pulley

Replacing: f00m061016

Servicing: 0123510109

Thread size M16-1.50, **OD** 55.87, **Bore dia.** 17.00, **Dist./ back** 1.50, **Width** 35.90, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.



230520 Freewheel Pulley

Replacing: F00M991394, f00m061005, 1127011861

Servicing: 0123520014

Thread size M16-1.50, **OD** 67.90, **Bore dia.** 17.00, **Dist./ back** 6.10, **Width** 40.10, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 610397



232624 Freewheel Pulley

Replacing: f00m991303, f00m991190, f00m991125

Servicing: 0124325039, 0124325046, 0124325077, 0124325093, 0124325105, 0124325169, 0124325170, 0124325202, 0124425077, 0124515061

Thread size M16-1.50, **OD** 49.80, **Bore dia.** 17.00, **Dist./ back** 6.20, **Width** 39.20, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 332302



233530 Freewheel Pulley

Replacing: f00m991273, f00m991142

Servicing: 0124325062, 0124325072, 0124325087, 0124325116

Thread size M16-1.50, **OD** 49.00, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 33.60, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.



233657 Freewheel Pulley

Replacing: f00m991192, f00m991116, f00m991078

Servicing: 0124315019, 0124315027, 0124325100, B120416351

Thread size M16-1.50, **OD** 59.15, **Bore dia.** 17.00, **Dist./ back** 0.51, **Width** 35.10, **Pulley type** SP/FW, **Grooves** 7
Pulley tool: HC-CARGO 210948.
Alternative no.: 332303

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234056 Freewheel Pulley

Replacing: F00M991172, F00M147999

Servicing: 0124525035, 0124615027

Thread size M16-1.50, **OD** 54.10, **Bore dia.** 17.00, **Dist./ back** 0.75, **Width** 33.50, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



234127 Freewheel Pulley

Replacing: F00M991271, F00M991171, F00M147907, F00M147764

Servicing: 0120000003, 0120000029, 0121615009, 0121615021, 0121615028, 0121615121, 0121715024, 0124525035, 0124525126, 0124525526

Thread size M16-1.50, **OD** 54.30, **Bore dia.** 17.00, **Dist./ back** 0.75, **Width** 33.50, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332305



234169 Freewheel Pulley

Replacing: F00MA47701, f00m991141, F00M391157, f00m147746

Servicing: 0121615010, 0121615110, 0121715012, 0121715112, 0124515098, 0124525042, 0124525045, 0124525048, 0124525059, 0124525083

Thread size M16-1.50, **OD** 49.15, **Bore dia.** 17.00, **Dist./ back** 0.40, **Width** 33.60, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



234675 Freewheel Pulley

Replacing: f00m991308, f00m991095, F00M147736

Servicing: 0124325008, 0124325088, 0124515110, 0124615006

Thread size M16-1.50, **OD** 67.50, **Bore dia.** 17.00, **Dist./ back** 9.15, **Width** 41.30, **Pulley type** SP/FW, **Grooves** 6



234793 Freewheel Pulley

Replacing: f00m991138, F00M391160

Servicing: 0124515062, 0124515088, 0124515198, 0124615022, 0124615028

Thread size M16-1.50, **OD** 55.65, **Bore dia.** 17.00, **Dist./ back** 10.30, **Width** 44.50, **Pulley type** SP/FW, **Grooves** 7

Pulley tool: HC-CARGO 210843.

Alternative no.: 332306



234795 Freewheel Pulley

Replacing: f00m991108, f00m147732

Servicing: 0124515053, 0124515059, 0124525009, 0124525088, 0124615009, F000BL0809, F000BL08C0

Thread size M16-1.50, **OD** 56.00, **Bore dia.** 17.00, **Dist./ back** 0.40, **Width** 35.60, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



234796 Freewheel Pulley Ina

Replacing: f00m991255, f00m991181

Servicing: 0121715029, 0124625014, 0124625019, 0124625033, 0124625045

Thread size M16-1.50, **OD** 49.80, **Bore dia.** 17.00, **Dist./ back** 1.90, **Width** 35.20, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332308



235331 Freewheel Pulley HC-CARGO

Replacing: f010ld1120, f00m991090

Servicing: 0124315020, 0124325041, 0124325076, F010LD0205, f010ld0206

Thread size M16-1.50, **OD** 56.40, **Bore dia.** 17.00, **Dist./ back** 1.10, **Width** 36.80, **Pulley type** SP/FW, **Grooves** 6



235439 Freewheel Pulley

Replacing: f00m991252

Servicing: 0124525105, 0124525106, 0124525107, 0124525129, 0124525154, 0124525156

Thread size M16-1.50, **OD** 57.70, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 36.00, **Pulley type** SP/FW, **Grooves** 8

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Available while stock last, * Program development.



235477 Freewheel Pulley

Replacing: f00m991189, F00M991133

Servicing: 0120000033, 0124525019, 0124525046

Thread size M16-1.50, **OD** 48.70, **Bore dia.** 17.00, **Dist./ back** 0.20, **Width** 40.00, **Pulley type** SP/FW, **Grooves** 6



235478 Freewheel Pulley

Replacing: 1126601580

Servicing: 0123510072

Thread size M16-1.50, **OD** 49.65, **Bore dia.** 17.00, **Dist./ back** 0.20, **Width** 36.20, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6



235504 Freewheel Pulley

Replacing: 6033gc5009, 235504

Servicing: 0120468145

Thread size M16-1.50, **OD** 57.40, **Bore dia.** 17.00, **Dist./ back** 1.30, **Width** 37.40, **Pulley type** SP/FW, **Grooves** 8



235506 Freewheel Pulley

Replacing: F00M991204, F00M147800

Servicing: 0124525038, 0124525074, 0124525093, 0124525188, 0124525200, 0124525201, 0124525220, 0124525221, 0124525222, 0124525223

Thread size M16-1.50, **OD** 49.70, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 34.50, **Pulley type** SP/FW, **Grooves** 6



235507 Freewheel Pulley

Replacing: F00M991286, F00M991234, F00M847159, F00M147859

Servicing: 0124525095, 0124525103

Thread size M16-1.50 L, **OD** 55.90, **Bore dia.** 17.00, **Dist./ back** 2.00, **Width** 37.40, **Pulley type** SP/FW, **Grooves** 5



235508 Freewheel Pulley

Replacing: f00m391104

Servicing: 0121813003

Thread size M16-1.50, **OD** 49.90, **Bore dia.** 17.00, **Dist./ back** 9.40, **Width** 43.50, **Pulley type** SP/FW, **Grooves** 8



235695 Freewheel Pulley

Replacing: f00m991287, f00m991247, f00m147876

Servicing: 0121715042, 0121715049, 0121715077, 0124315037, 0124325141, 0124325142, 0124325190, 0124525114, 0124525146, 0124525530

Thread size M16-1.50, **OD** 49.35, **Bore dia.** 17.00, **Width** 40.15, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



235697 Freewheel Pulley

Replacing: f00m991157, f00m991110, F00M391110, f00m349826

Servicing: 0121715011, 0121715015, 0121813020, 0121813120, 0124625004, 0124625017

Thread size M16-1.50, **OD** 49.75, **Bore dia.** 17.00, **Dist./ back** 6.15, **Width** 39.30, **Depth** 1.35, **Pulley type** SP/FW, **Grooves** 7



235716 Freewheel Pulley

Thread size M16-1.50, **OD** 57.50, **Bore dia.** 17.00, **Dist./ back** 9.25, **Width** 45.35, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 8



235717 Freewheel Pulley

Thread size M16-1.50, **OD** 71.40, **Bore dia.** 17.00, **Dist./ back** 7.23, **Width** 43.80, **Pulley type** SP/FW, **Grooves** 8



235718 Freewheel Pulley

Thread size M16-1.50, **OD** 56.00, **Bore dia.** 17.00, **Dist./ back** 2.85, **Width** 38.65, **Depth** 4.40, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 8

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235720 Freewheel Pulley

Replacing: F00M391125, F00M391121, f00m349878

Servicing: 0121615003, 0121615103, 0125711005, 0125711018, 0125711046, 0125711049, 0125711103, 0125711104, 0125811015, 0125811016

Thread size M16-1.50, **OD** 58.65, **Bore dia.** 17.00, **Dist./ back** 3.55, **Width** 37.50, **Depth** 2.20, **Pulley type** SP/FW, **Grooves** 7



235721 Freewheel Pulley

Replacing: F00M391105, 235721

Servicing: 0121715013, 0121813004, 0121813005

Thread size M16-1.50, **OD** 50.30, **Bore dia.** 17.00, **Dist./ back** 5.95, **Width** 39.70, **Depth** 1.55, **Pulley type** SP/FW, **Grooves** 8



235732 Freewheel Pulley

Replacing: f00m391139, f00m391113, F00M349813

Servicing: 0121615005, 0121715008, 0121715079, 0121715179, 0125711002, 0125711047, 0125811005, 0125811020

Thread size M16-1.50, **OD** 54.00, **Bore dia.** 17.00, **Dist./ back** 6.10, **Width** 40.60, **Pulley type** SP/FW, **Grooves** 5



235733 Freewheel Pulley

Replacing: F00M991229

Servicing: 0124525096

Thread size M16-1.50, **OD** 55.10, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 37.55, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6



235800 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: f00m991240

Servicing: 0124425041, 0124425112

Thread size M16-1.50, **OD** 56.90, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 42.85, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 5



235865 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: F00M991238, F00M147877

Thread size M15-1.50, **OD** 87.00, **Bore dia.** 17.00, **Dist./ back** 0.10, **Width** 45.00, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



236531 Freewheel Pulley

Replacing: F00M991300, F00M391119

Servicing: 0120000007, 0120000008, 0121615013, 0121615025, 0121615026, 0121615029, 0121615129, 0121715004, 0121715033, 0124615023

Thread size M16-1.50, **OD** 62.00, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 33.60, **Rotation** CR, **Belt type** Toothed belt, **Pulley type** TP/FW, **Grooves** 18

Alternative no.: 333134



236762 Freewheel Pulley

Replacing: F00M991128, f00m991076

Servicing: 0124515031

Thread size M16-1.50, **OD** 54.10, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 40.40, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843.



237263 Freewheel Pulley

Replacing: F00M991167, f00m147761

Servicing: 0124615026

Thread size M16-1.50, **OD** 56.00, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 34.80, **Pulley type** SP/FW, **Grooves** 7

Pulley tool: HC-CARGO 210843.



237280 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: F00M991139

Servicing: 0124415026, 0124425033, 0124425040, 0124515096, 0124525017

Thread size M16-1.50, **OD** 56.90, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 42.80, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 5

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#Available while stock last, * Program development.



237355 Freewheel Pulley HC-CARGO

Replacing: F00M991178

Servicing: 0124325096, 0124525047

Thread size M16-1.50, **OD** 49.00, **Bore dia.** 17.00, **Dist./ back** 0.65, **Width** 34.50, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



237600 Freewheel Pulley

Replacing: 1126601567

Servicing: 0123510045, 0124515025

Thread size M16-1.50, **OD** 55.80, **Bore dia.** 17.00, **Dist./ back** 0.70, **Width** 35.00, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843.



238733 Freewheel Pulley

Replacing: F00M991313, F00M991219, F00M147821

Servicing: 0124425013, 0124425029, 0124425037, 0124425071, 0124525081, 0124525082, 0124525139, 0124525140, 0124525208, F000BL0407

Thread size M16-1.50, **OD** 55.00, **Bore dia.** 17.00, **Dist./ back** 6.55, **Width** 40.45, **Pulley type** SP/FW, **Grooves** 6

Alternative no.: 333136



238734 Freewheel Pulley

Replacing: F00M991293, f00m991231, F00M991216

Servicing: 0124425018, 0124425074, 0124525076, 0124525137, 0124525192

Thread size M16-1.50, **OD** 49.00, **Bore dia.** 17.00, **Dist./ back** 2.20, **Width** 35.90, **Pulley type** SP/FW, **Grooves** 7

Pulley tool: HC-CARGO 210843.



239914 5★ Freewheel Pulley OAD

Manufacturer: Litens

Replacing: f00m391135, F00M391100, F00M349860

Servicing: 0121715001

Thread size M16-1.50, **OD** 57.37, **Bore dia.** 17.00, **Dist./ back** 2.80, **Width** 49.70, **Depth** 2.50, **Pulley type** SP/FW, **Grooves** 6, **Free run** w/



330356 Freewheel Pulley HC-CARGO

Replacing: F00M391138, F00M391112

Servicing: 0121615006

Thread size M16-1.50, **OD** 53.60, **Bore dia.** 17.00, **Dist./ back** 0.90, **Width** 34.50, **Depth** 1.83, **Pulley type** SP/FW, **Grooves** 6



330716 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: f00m991289

Servicing: 0124525143, 0399604021

Thread size M16-1.50, **OD** 52.40, **Bore dia.** 17.00, **Dist./ back** -3.90, **Width** 63.50, **Depth** 7.30, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6

Cap: HC-CARGO 330717. Pulley tool: HC-CARGO 210050.



330895 Freewheel Pulley

Replacing: F00M599403, F00M391120, F00M349877

Servicing: 0120000024, 0121615002, 0125711017, 0125711059

Thread size M16-1.50, **OD** 57.77, **Bore dia.** 17.00, **Dist./ back** -1.50, **Width** 36.52, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6, **Free run** w/



330921 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: F00MA47704, F00M992725, F00M991281, F00M147854

Servicing: 0124325172, 0124325221, 0124425058, 0124425059, 0124425096, 0124425097

Thread size M16-1.50, **OD** 53.75, **Bore dia.** 17.00, **Dist./ back** 6.45, **Width** 42.10, **Depth** 2.12, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

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331651 Freewheel Pulley

Replacing: F00M391124

Servicing: 0121615014

Thread size M16-1.50, **OD** 55.65, **Bore dia.** 17.00, **Width** 34.21, **Depth** 1.90, **Pulley type** SP/FW, **Grooves** 5



331925 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: F00M991210

Servicing: 0124425015

Thread size M16-1.50, **OD** 56.90, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 43.00, **Depth** 2.65, **Pulley type** SP/FW, **Grooves** 5, **Free run** w/

Tool: HC-CARGO 210051.12 top: HC-CARGO 714601.



332033 Freewheel Pulley

Replacing: F00M391140, F00M349870

Servicing: 0121615012, 0121615027, 0121615127, 0125711011, 0125711078

OD 49.21, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 37.50, **Depth** 11.30, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



332290 Freewheel Pulley HC-CARGO

Replacing: 1126601557, 1126601556, 1126301557

Servicing: 0123310038, 0123320033, 0123320036, 0123325006

Thread size M16-1.50, **OD** 56.20, **Bore dia.** 17.00, **Dist./ back** 1.10, **Width** 42.80, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 5, **Free run** w/

Pulley tool: HC-CARGO 210843.

Alternative no.: 138282



332291 Freewheel Pulley HC-CARGO

Replacing: 1126601572

Servicing: 0123320047, 0123320062, 0123510102

Thread size M16-1.50, **OD** 55.60, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 36.50, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 138807



332292 Freewheel Pulley HC-CARGO

Replacing: 1127011846, 1126601565

Servicing: 0123310049, 0123320038, 0123515017, 0123515020

Thread size M16-1.50, **OD** 50.00, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 40.20, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 139281



332293 Freewheel Pulley HC-CARGO

Replacing: F00M991304, f00m061023, 1126601597

Servicing: 0123320051, 0123320065, 0123510082, 0123510107, 0123510108, 0123520023

Thread size M16-1.50, **OD** 50.00, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 40.00, **Rotation** CR, **Pulley type** TP/FW, **Grooves** 6, **Free run** w/

Alternative no.: 230292



332294 Freewheel Pulley HC-CARGO

Replacing: f00m991265, f00m991232, F00M991156, f00m991061, f00m991016, F00M147799, f00m147760

Servicing: 0124515019, 0124525001, 0124525060, 0124625001

Thread size M16-1.50 L, **OD** 55.60, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 37.20, **Rotation** ACR, **Pulley type** SP/FW, **Grooves** 6, **Free run** w/

Alternative no.: 230296



332295 Freewheel Pulley HC-CARGO

Replacing: f00m991378, f00m991045, f00m991043, F00M147724

Servicing: 0123320047, 0123320062, 0123510102

Thread size M16-1.50, **OD** 55.80, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 36.35, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843. Cap: HC-CARGO 138236.

Alternative no.: 230302

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332296 Freewheel Pulley HC-CARGO

Replacing: 01221aa7v0

Servicing: 01220AA000, 01220aa0b0, 01220aa0d0, 01220aa0r0, 01220aa1a0, 01220aa1p0, 01220aa2a0

Thread size M16-1.50, **OD** 50.00, **Bore dia.** 17.00, **Dist./ back** 2.75, **Width** 38.00, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6
Alternative no.: 230307



332302 Freewheel Pulley HC-CARGO

Replacing: f00m991303, f00m991190, f00m991125

Servicing: 0124325039, 0124325046, 0124325093, 0124515064, 0124515091, 0124515114, 0124515115, 0124615015, 0124615019, 0124615033

Thread size M16-1.50, **OD** 49.80, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 43.30, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 232624



332303 Freewheel Pulley HC-CARGO

Replacing: f00m991192, f00m991116, f00m991078

Servicing: 0124315019, 0124315027, 0124325100, B120416351

Thread size M16-1.50, **OD** 59.15, **Bore dia.** 17.00, **Dist./ back** 0.80, **Width** 36.60, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 7
Pulley tool: HC-CARGO 210948.
Alternative no.: 233657



332305 Freewheel Pulley HC-CARGO

Replacing: F00M991271, F00M991171, F00M147907, F00M147764

Servicing: 0121615009, 0121615028, 0124525035

Thread size M16-1.50, **OD** 54.30, **Bore dia.** 17.00, **Dist./ back** 1.50, **Width** 38.00, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 234127



332306 Freewheel Pulley HC-CARGO

Replacing: f00m991138, F00M391160

Servicing: 0124515088

Thread size M16-1.50, **OD** 55.00, **Bore dia.** 17.00, **Dist./ back** 2.50, **Width** 45.10, **Pulley type** SP/FW, **Grooves** 7
Pulley tool: HC-CARGO 210843.
Alternative no.: 234793



332308 Freewheel Pulley HC-CARGO

Replacing: f00m991255, f00m991181

Servicing: 0121715029, 0124625014, 0124625019, 0124625045

Thread size M16-1.50, **OD** 49.80, **Bore dia.** 17.00, **Dist./ back** 1.90, **Width** 36.20, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 234796



332317 Freewheel Pulley HC-CARGO

Replacing: f00m991284, f00m991206, f00m991122, f00m991002, F00M147801, F00M147737, F00M147600

Servicing: 0121715003, 0124315001, 0124315013, 0124315032, 0124325001, 0124325012, 0124325073, 0124325083, 0124325088, 0124325101

Thread size M16-1.50, **OD** 55.90, **Bore dia.** 17.00, **Dist./ back** 0.85, **Width** 42.80, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 230293

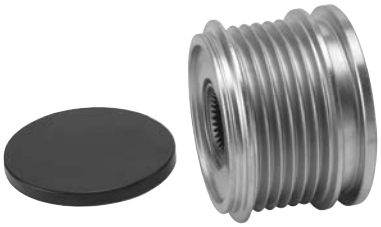


332318 Freewheel Pulley HC-CARGO

Replacing: 1127011847, 1126601566

Servicing: 0123320055, 0123515003

Thread size M16-1.50, **OD** 55.85, **Bore dia.** 17.00, **Dist./ back** 1.10, **Width** 36.60, **Pulley type** SP/FW, **Grooves** 5
Pulley tool: HC-CARGO 210843. Cap: HC-CARGO 138236.
Alternative no.: 230083



332319 Freewheel Pulley HC-CARGO

Replacing: f00m991391, 6033gd5036, 1126601568

Servicing: 0123320046, 0123320049, 0123340007, 0123510072, 0123510101, 0124325024, 0124325031, 0124325185, 0124415013, 0124415014

Thread size M16-1.50, **OD** 56.00, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 42.80/46.30, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 230305, B332319

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333026 Freewheel Pulley HC-CARGO

Replacing: F00M991326, f00m991217, f00m991039, F00M147806

Servicing: 0124425060

Thread size M16-1.50, **OD** 54.50, **Bore dia.** 17.00, **Dist./ back** 7.80, **Width** 43.00/3.50, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 5
Pulley tool: HC-CARGO 210843.
Alternative no.: 230309, B333026



333064 Freewheel Pulley

Replacing: F00M991260, F00M391158, F00M349899, F00M349824, 0121C00401

Servicing: 0120000027, 0120000031, 0121715016, 0121715017, 0121715018, 0121715116, 0121715118

Thread size M16-1.50, **OD** 49.00, **Bore dia.** 17.00, **Dist./ back** 0.20, **Width** 34.20, **Depth** 11.10, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 7



333071 Freewheel Pulley

Replacing: F00M391150, F00M349903

Servicing: 0121615032, 0121615132, 0121715058, 0121715158, 0125711024, 0125711045, 0125711069, 0125711105, 0125811006

Thread size M16-1.50 L, **OD** 58.00, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 51.00, **Depth** 11.00, **Rotation** ACR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



333072 Freewheel Pulley

Replacing: F00M992709, F00M991278, F00M349835

Servicing: 0121715022, 0121715050, 0124325078, 0124525508

Thread size M16-1.50, **OD** 64.60, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 38.50, **Depth** 11.10, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



333073 Freewheel Pulley

Replacing: F00M992718

Servicing: 0124425085, 0124425087

Thread size M16-1.50, **OD** 53.60, **Bore dia.** 17.00, **Dist./ back** 0.10, **Width** 34.70, **Depth** 7.60, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 5



333074 5✦ Freewheel Pulley

Manufacturer: Litens

Replacing: F00M992742, F00M991277, F00M591111, F00M147910

Servicing: 0124525113, 0124525210, 0125711051, 0125711090

Thread size M16-1.50, **OD** 56.00, **Bore dia.** 17.00, **Dist./ back** 0.45, **Width** 40.80, **Depth** 10.50, **Pulley type** SP/FW, **Grooves** 6



333075 Freewheel Pulley

Replacing: F00M991251, F00M147880

Servicing: 0124425060

Thread size M16-1.50, **OD** 54.00, **Bore dia.** 17.00, **Dist./ back** 0.70, **Width** 40.10, **Depth** 6.70, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 5



333077 Freewheel Pulley

Servicing: 0124325122, 0124525064

Thread size M16-1.50, **OD** 54.90, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 36.10, **Depth** 11.10, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



333079 Freewheel Pulley

Thread size M16-1.50 L, **OD** 62.00, **Bore dia.** 17.00, **Dist./ back** 25.80, **Width** 51.20, **Rotation** ACR, **Belt type** Toothed belt



333134 Freewheel Pulley HC-CARGO

Replacing: F00M991300, F00M391119

Thread size M16-1.50, **OD** 61.80, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 33.60, **Rotation** CR, **Belt type** Toothed belt, **Pulley type** TP/FW, **Grooves** 18
Alternative no.: 236531

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



333136 Freewheel Pulley HC-CARGO

Replacing: F00M991313, F00M991219, F00M147821

Thread size M16-1.50, **OD** 55.00, **Bore dia.** 17.00, **Dist./ back** 7.20, **Width** 42.00, **Depth** 11.10, **Pulley type** SP/FW, **Grooves** 6
Alternative no.: 238733



333323 5★ Pulley

Manufacturer: Litens

Replacing: F00M992712

Servicing: 0124325175, 0124325184, 0124415007

OD 54.70, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 40.40, **Depth** 28.50, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6



333336 Freewheel Pulley HC-CARGO

Replacing: F00MA47701, f00m991141, F00M391157, f00m147746

Thread size M16-1.50, **OD** 49.10, **Bore dia.** 17.00, **Dist./ back** 0.40, **Width** 31.90, **Depth** 11.30, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 234169



333337 Freewheel Pulley HC-CARGO

Replacing: F00M991293, f00m991231, F00M991216

Thread size M16-1.50, **OD** 49.00, **Bore dia.** 17.00, **Dist./ back** 0.40, **Width** 38.30, **Depth** 11.10, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 7
Pulley tool: HC-CARGO 210843.
Alternative no.: 238734

NEW PRODUCT
www.hc-cargo.com

333338* Freewheel Pulley

Replacing: F00M599403, F00M391120, F00M349877

Servicing: 0121615002, 0125711001, 0125711017, 0125711058, 0125711059, 0125711101, 0125711102, 0125811013, 0125811014, 0125811021

Bore dia. 17.00, **Pulley type** SP/FW, **Grooves** 6
Alternative no.: 330895

NEW PRODUCT
www.hc-cargo.com

333383* Freewheel pulley

Replacing: F00M147875

Servicing: 0124425048, 0124425061



333402 Freewheel pulley HC-CARGO

Replacing: 1126601559

OD 61.00, **Bore dia.** 17.00, **Grooves** 6



333429 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: F00M591124

Thread size M17-1.25, **OD** 52.00, **Bore dia.** 17.00, **Width** 40.00, **Depth** 11.00, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** FW, **Grooves** 5

NEW PRODUCT
www.hc-cargo.com

333430 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: F00M591118



333434 5★ Freewheel Pulley OAD

Manufacturer: Litens

Thread size M16-1.50, **OD** 54.00, **Bore dia.** 17.00, **Width** 49.50, **Depth** 11.00, **Rotation** CR, **Belt type** Multi Belt, **Grooves** 5



333449 5★ Freewheel pulley OAD

Manufacturer: Litens

Replacing: f00m991192, f00m991116, f00m991078

Servicing: 0124315027, 0124325100

OD 59.00, **Bore dia.** 17.00, **Width** 69.00, **Depth** 8.67, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** FW, **Grooves** 7

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

NEW PRODUCT
www.hc-cargo.com

333465* Freewheel pulley HC-CARGO

Replacing: F00MA47704, F00M992725, F00M991281, F00M147854

Pulley Parts

Spacers

Pkg. 10



135314 Spacer for Pulley

Servicing: 0120469001, 0120469686, 0120469982, 0120489316

ID 17.00, **OD** 30.00, **Height** 6.00

Pkg. 10



138774 Spacer for Pulley

Replacing: 1120202008

Servicing: 0120000016, 0120000036, 0120300562, 0120300568, 0120300569, 0120335006, 0120335007, 0120335008, 0120335010, 0120335011

ID 17.00, **OD** 30.00, **Height** 4.40/5.10

Pkg. 5



139907 Spacer for Pulley

Replacing: 1120202505

Servicing: 0120000013, 0120000018, 0120000030, 0120000032, 0123315501, 0123315506, 0123320057, 0123325500, 0123510094, 0123510096

ID 17.00, **OD** 44.00, **Thickness** 5.00, **Material** Steel

Pkg. 5



139931 Spacer for Pulley

Replacing: F00M990516, f00m990500, F002G91301

Servicing: 0120000001, 0120000002, 0120000015, 0120000017, 0120000019, 0120000023, 0120000033, 0120000035, 0120000037, 0121615013

ID 17.00, **OD** 39.00, **Thickness** 5.00, **Material** Steel

Pkg. 10



232171 Spacer for Pulley

Servicing: 12SI

ID 17.00, **OD** 20.00, **Height** 13.50

Pulley: HC-CARGO 232095.

Pkg. 5



234353 Spacer for Pulley

Replacing: 1120591513

Servicing: 0123325500, 0123325501, 0123525501, 0123525504

ID 16.40, **OD** 55.00, **Thickness** 2.00, **Material** Steel



234363 Spacer for Pulley

Replacing: 1120202038

Servicing: 0120468028, 0120468054, 0120468055, 0120468136, 0120468147, B120500078, B120500603, B120500671

ID 22.00, **OD** 40.00, **Height** 6.05

Pkg. 5



234463 Spacer for Pulley

Replacing: 1120140142

Servicing: 0120400704, 0120400705, 0120400758, 0120400759, 0120400786, 0120400787, 0120400806, 0120400807, 0120400810, 0120400814

ID 17.00, **OD** 55.25, **Thickness** 2.65, **Material** Steel

Pulley Covers

Pkg. 10



138092 Pulley Cover

Replacing: 1120591505

Servicing: 0121615017, 0121615019, 0121715022, 0121715050, 0123310038, 0123320033, 0123320036, 0123320041, 0123320046, 0123320049

OD 49.00, **Height** 2.00

Pkg. 5



138236 Pulley Cover

Replacing: 1120591506

Servicing: 01220AA000, 01220aa0b0, 01220AA0C0, 01220AA0D0, 01220AA0R0, 01220AA1A0, 01220AA1P0, 01220AA2A0, 0123310032, 0123310034

OD 55.50, **Height** 4.70

Pkg. 10



235474 Pulley Cover

Replacing: f00m148610

Servicing: 0124315020, 0124325041, 0124325076

OD 50.00, **Height** 7.10

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Available while stock last, * Program development.

Pkg. 10



235475 Pulley Cover

Replacing: F00M148611

Servicing: 0120000003, 0120000004, 0120000005, 0120000014, 0120000015, 0120000024, 0120000027, 0120000028, 0120000029, 0120000031

OD 55.40, **Height** 4.70

Pkg. 5



330717 Pulley Cover

Replacing: F00M148628, F00M148617

Servicing: 0124425049, 0124425089, 0124525113, 0124525143, 0124525210, 0124525226, 0125711044, 0399604021

OD 44.80, **Height** 1.90

For HC-CARGO 330716.

Tools



210843 Combi Tool

Replacing: 210843

Servicing: Bosch Alternators

33 teeth combi tool for the disassembly and assembly of the free wheel pulley. XZN 10x110 mm, w/ 1/2" socket and 22 mm hexagon.



210909 Combi Tool

Replacing: 210909

Servicing: Valeo Alternators

33 teeth combitool for disassembly and assembly of free wheel pulley. Torx 50x110 mm, w/ 1/2" socket and 22 mm hexagon.

Vacuum Pumps



136300 Vacuum Pump

Replacing: 9491337022, 9491147202

Servicing: 9120144605, 9120144606, 9120144609, 9120144617, 9120144618, 9120144626, 9120334625, 9120334626, 9120334627, 9120334628



136807 Vacuum Pump

Replacing: 9491147201

Servicing: 0120488000, 0120488001, 0120488002, 0120488003, 0120488004, 0120488005, 0120488008, 0120488009, 0120488012



138759 Vacuum Pump

Replacing: 9491335137

Servicing: 6033GB5009, 6033GB5010, 9120334631, 9120334632, 9120335000, 9120335001, 9120335002



233262[#] Vacuum Pump Housing

Replacing: 9491145100

Servicing: 9120144601, 9120144602, 9120144603, 9120144604, 9120144605, 9120144606, 9120144610, 9120144611, 9120144613, 9120144614

Rotor for vacuum pump: HC-CARGO 137272. Vane set: HC-CARGO 135973.



235232 Vacuum Pump

Replacing: 9491335136

Servicing: 9120334633, 9120334634, 9120334638, 9120334641

Vacuum Pump Parts

Rotors



134326 Rotor for Vacuum Pump

Replacing: 9491146311, 9491146309

Servicing: 0120488001, 0120488002, 0120488003, 0120488004, 0120488005, 0120488007, 0120488009, 0120488011, 9120144612, 9120334627

OD 49.00, **Height** 25.00, **No./ splines** 16



137272 Rotor for Vacuum Pump

Replacing: 9491146305

Servicing: 9120144601, 9120144602, 9120144603, 9120144604, 9120144610, 9120144611, 9120144613, 9120144614, 9120144615, 9120144616

OD 49.00, **Height** 24.95, **No./ splines** 18

Vane set: HC-CARGO 135972 (2). Vane Set: HC-CARGO 133277 (4).



230251 Rotor for Vacuum Pump

Replacing: 9491146310

Servicing: 6033GB4009, 6033GB4018, 6033GB4020, 6033GB4021, 6033GB5007, 6033GB5009, 9120144605, 9120144606, 9120144608, 9120334625

OD 53.00, **Height** 35.00, **No./ splines** 18

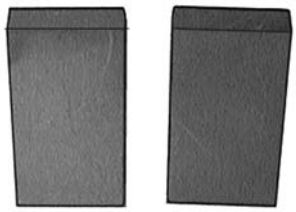
Vane set: HC-CARGO 137153.

All measurements are in mm, unless else stated.

[#]Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Vane Sets



135973 Vane Set

Replacing: 9491147007, 9491142300

Servicing: 0120488000, 0120488001, 0120488002, 0120488003, 0120488004, 0120488005, 0120488006, 0120488007, 0120488008, 0120488009

Length 25.00, **Height** 5.00, **Width** 13.80



137153 Vane Set

Replacing: 9491147011, 9491142302

Servicing: 6033GB4009, 6033GB4018, 6033GB4020, 6033GB4021, 6033GB5001, 6033GB5007, 6033GB5009, 9120144605, 9120144606, 9120144608

Length 35.00, **Height** 5.00, **Width** 14.80

Hose Nipples

Pkg. 5



080240 Hose Nipple

Replacing: 9491143304

Servicing: 0120488001, 0120488003, 0120488005, 0120488009, 0120488011, 9120144612

Bolt size 12,
ID/ demister tube connection 7.00,
Type Single, **Hose type** Normal fuel hose

Pkg. 5



080242 Hose Nipple

Replacing: 9491143302

Servicing: 0120488001, 0120488003, 0120488005, 0120488007, 0120488009, 0120488011, 9120144612

Bolt size 14,
ID/ demister tube connection 9.00,
Type Single, **Hose type** Normal fuel hose

Various

Pkg. 10



080252 Hollow Screw

Replacing: 2911201701

Thread M10-10.00, **Hole size** 4.00,
Type Ordinary

Pkg. 10



080255 Hollow Screw

Replacing: 2911202703, 2443456007

Servicing: 0120488006, 0120488007, 9120144608, 9120144609, 9120144610, 9120144611, 9120144612, 9120144617, 9120144618, 9120144619

Thread M14-1.50, **Hole size** 8.00,
Type Ordinary

Pkg. 10



134290 Screw Plug

Replacing: 9491143400

Servicing: 6033G4011B, 6033GB4008, 6033GB4009, 6033GB4015, 6033GB4016, 6033GB5001, 6033GB5007, 6033GB5009, 6033GB5010, 6033GB5011

OD 24.00, **Height** 12.20



231608 Hollow Screw

Servicing: 0120488000, 0120488001, 0120488008, 0120488009, 0120488012

Thread size M18-1.50, **Length** 40.25,
Thread length 5.70



233793# Bracket for Vacuum Pump

Replacing: 9491145501

Servicing: 9120144601, 9120144602, 9120144603, 9120144604, 9120144605, 9120144606, 9120144610, 9120144611, 9120144613, 9120144614

ID 15.27,
ID/ threaded hole UNC, **Thickness** 12.44,
No./ mount. holes 3
For HC-CARGO 233262.

Pkg. 10



235336 Hollow Screw

Replacing: 9121337081

Servicing: 6033GB4009, 6033GB4018, 6033GB4020, 6033gb4021, 9120334633, 9120334634, 9120334638, 9120334641, 9120334642

Thread size 18x1.50, **ID** M12x1.50,
OD 18.00, **Length** 36.50,
Thread length 7.10

Repair Kits



134541# Repair Kit

Replacing: 1127011054

Servicing: 0120450003, 0120450004, 0120469500, 0120469501, 0120469502, 0120469503, 0120469504, 0120469505, 0120469510, 0120469511

B+ insulator: HC-CARGO 131823.



134543 Repair Kit

Replacing: 1127011092

Servicing: 0120468127, 0120468128, 0120468134, 0120469016, 0120469017, 0120469611, 0120469620, 0120469644, 0120469645, 0120469682

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134544 Repair Kit

Replacing: 1127011142, 1120591042

Servicing: 0120468007, 0120468008, 0120468013, 0120468014, 0120468030, 0120468031, 0120468032, 0120468033, 0120468048, 0120468049



134547 Repair Kit

Replacing: 1127011165

Servicing: 0120468042, 0120468043, 0120469901, 0120469902, B120500536, B120500537, B120500542, B120500730



135319 Insulation Kit

Servicing: 0120468127, 0120468128, 0120468131, 0120468140, 0120468154, 0120488268, 0120489303, 0120489885, 0120489886, 6033gb3033



135449 Repair Kit

Replacing: 1127011047

Servicing: 0120300530, 0120300531, 0120300535, 0120300536, 0120300537, 0120300538, 0120300539, 0120300552, 0120300562, 0120300567



136012 Terminal Kit

Replacing: 2127011001

Servicing: 0120689513, 0120689520, 0120689526, 0120689562, F000LD0211

B+, B- and D+ Terminal kit: HC-CARGO 231814.



136046 Terminal Kit

Replacing: 1127011161

Servicing: 0120468061, 0120468062, 0120468063, 0120468064, 0120468075, 0120468076, 0120468077, 0120468078, 0120468102, 0120468103



136699 Insulator Kit

Replacing: 1127011071

Servicing: 0120300552, 0120339512, 0120339514, 0120339531, 0120339543, 0120339544, 0120339545, 0120450010, 0120450015, 0120468037



137509 Insulator Kit

Replacing: 1127011050

Servicing: 0120339547, 0120400740, 0120400741, 0120400742, 0120400743, 0120400782, 0120400783, 0120400827, 0120400828, 0120400831



139007 Terminal Kit

Replacing: 1127011062

Servicing: 0120400806, 0120400807, 0120400810, 0120400866, 0120400867, 0120421142, 0120421401, 0120488174, 0120488176, 0120488177

B+, D+, W.



139249[#] Terminal Kit

Replacing: 1127011088

Servicing: 0120488000, 0120488001, 0120488002, 0120488003, 0120488004, 0120488005, 0120488006, 0120488007, 0120488008, 0120488009

B+, D+.



139250 Terminal Kit

Replacing: 1127011093

Servicing: 0120450011, 0120450012, 0120450013, 0120450014, 0120450016, 0120450017, 0120450018, 0120450019, 0120450020, 0120450021



139282 Terminal Kit

Replacing: 1127011146

Servicing: 0120469992, 0120469993, 0120469994, 0120469995, 0120469997, 0120484001, 0120484002, 0120484003, 0120484011, 0120484012

B+, D+.

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[#]Available while stock last, ***** Program development.

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230245 Insulator Kit

Replacing: 9491147016

Servicing: 0120488211, 0120489408, 6033G4011B, 6033GB4008, 6033GB4009, 6033GB4015, 9120144292, 9120144305, 9120144605, 9120144606



231090 Insulator Kit

Replacing: 1127011144

Servicing: 0120400728, 0120468143, 0120468145, 0120468163, 0120469046, 0120469047, 0120469050, 0120469101, 0120469102, 0120469107



231703 Repair Kit

Replacing: 1127011151

Servicing: 0120468028, 0120468054, 0120468055, 0120468136, 0120468147, B120500078, B120500603, B120500671



231814 Terminal Kit

Replacing: 1127011083

Servicing: 0120389567, 0120689508, 0120689511, 0120689513, 0120689516, 0120689517, 0120689518, 0120689520, 0120689522, 0120689523

Terminal W: HC-CARGO 233089.



233855 Terminal Kit

Replacing: 1127011061

Servicing: 0120488125, 0120488132, 0120488133, 0120488135, 0120488136, 0120488137, 0120488153, 0120488208, 0120488224, 0120488232



333560 5* Repair Kit

Manufacturer: Bosch

Replacing: 1127011072

Servicing: 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689512, 0120689514, 0120689515

Dim. 5/6/8

Alternative no.: 333612

Sundry Parts

Insulators

Pkg. 5



131823 Insulator

Servicing: 0120469502, 0120469503, 0120469504, 0120469505, 0120469510, 0120469511, 0120469514, 0120469515, 0120469524, 0120469525

B+.

Pkg. 5



131824 Insulator

Servicing: 0120468057, 0120468058, 0120468059, 0120468060, 0120469510, 0120469511, 0120469537, 0120469575, 0120469576, 0120469588

B+, D+.

Pkg. 5



131825 Insulator

Servicing: 0120469775, 0120469776, 0120469990

B+, D+.

Pkg. 5



132767 Insulator

Servicing: 0120468017, 0120468019, 0120468020, 0120468022, 0120468023, 0120468024, 0120468044, 0120468052, 0120468070, 0120468079

Length 62.40, **Height** 14.45

B+, D+.

Pkg. 5



132768 Insulator

Servicing: 0120469600, 0120469604, 0120469631, 0120469632, 0120469633, 0120469635, 0120469636, 0120469637, 0120469638, 0120469674

B+.

Pkg. 5



132806 Insulator

Servicing: 0120488211, 0120488228, 0120488286, 0120489346, 0120489347, 0120489408

B+, D+.

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.

Pkg. 5



132807 Insulator

Servicing: 0120469009, 0120469512, 0120469513, 0120469516, 0120469517, 0120469530, 0120469531, 0120469559, 0120469566, 0120469571

B+, D+.

Pkg. 5



134979 Insulator

Servicing: 0120469682, 0120469683, 0120469880, 0120469881

B+, D+.

Pkg. 5



135509 Insulator

Servicing: 0120469588, 0120469589, 0120469590, 0120469591, 0120469642, 0120469944, 0120469945

ID 8.00/5.00, **OD** 24.00/14.00, **Length** 59.00, **Colour** Black, **Material** Plastic

B+, D+.

Pkg. 5



136302 Insulator

Servicing: 0120488000, 0120488001, 0120488002, 0120488003, 0120488008, 0120488009, 0120488012, 0120488214, 0120488215, 0120489613

Colour Black, **Material** Plastic, **Type** PVC

B+.

Pkg. 5



136718# Insulator

Replacing: 1120390001

Servicing: 0120489565, 0120489566, 0120489583, 0120489584

OD 17.00, **Height** 14.55

D+.



137245 Terminal Block

Replacing: 1120591109

Servicing: 0120465031, 012046503B, 0120469911, 0120469912, 0120485048, 012048504J, 9120485048, 9123690001

Length 83.00, **Height** 27.00

B+, D+.



138432 Terminal Block

Replacing: 1120591118

Servicing: 0123310006, 0123320012, 9123320012

Length 66.00

B+, D+.

Pkg. 10



138761 Insulator

Servicing: 0120469757, 0120469759, 0120484017, 0120488176, 0120488177, 0120488182, 0120488210, 0120489088, 0120489090, 0120489093



139004 Terminal Block

Replacing: 1120591111

Servicing: 0123214002, 0123515002, 0123515010, B120510510

B+.

Pkg. 5



230590 Insulator

Servicing: 0120450011, 0120450012, 0120450013, 0120450014, 0120450016, 0120450017, 0120450024

Terminal kit: HC-CARGO 139250.



230728# Insulator

Replacing: 1120591074

Servicing: 0120488109, 0120488110, 0120488111, 0120488112, 0120488146, 0120488147, 0120488148, 0120488149, 0120488150, 0120488178

B+.

Pkg. 10



230754 Insulator

Servicing: 0120469829, 0120469830, 0120469878, 0120469879, 0120469913, 0120469914, 0120469918, 0120469919, 0120488183, 0120488184

OD/ collar 16.50, **Height/ collar** 92.65

Terminal block.

Pkg. 10



230755 Insulator

Servicing: 0120468009, 0120468010, 0120468029, 0120468042, 0120468043, 0120468057, 0120468058, 0120468059, 0120468060, 0120468101

ID 9.23, **OD** 22.05, **Height** 9.27

Pkg. 5



233301 Insulator

ID 5.70, **OD** 15.80, **Height** 3.15

Pkg. 10



233770 Insulator

ID 6.20, **OD** 13.70, **Thickness** 1.60, **Material** Fiber

Pkg. 20



235317 Insulator

Servicing: 0120488153

ID 4.00, **OD** 13.70, **Height** 13.00

Pkg. 10



238989 Insulator

Servicing: 0120339512, 0120339543, 0120339544, 0120339545

ID 5.50, **OD** 16.00, **Thickness** 1.55

Terminals



134551 Terminal Block

Replacing: 1120099024, 1120099022

Servicing: 0120488109, 0120488110, 0120488111, 0120488112, 0120488146, 0120488147, 0120488148, 0120488149, 0120488150, 0120488178

Pkg. 5



135957 Terminal

Total length 44.00

Pkg. 10



136474 Terminal

Replacing: 1121090307

Servicing: 0120485029, 0120485030, 0123310014, 0123310015, 0123310023, 0123310029, 0123310048, 0123310050, 0123310053, 0123310054

Length 54.40, **Height** 12.90

D+.

Pkg. 5



234886 Terminal

Replacing: 9491337026

Servicing: 6033GB4016, 6033GB5007, 6033gb5009, 6033gb5010, 6033GB5011, 9120334631, 9120334632, 9120335000, 9120335001, 9120335002

ID 7.19, **OD** 22.00, **Height** 10.20

For B+ terminal.

Terminal Plugs

Pkg. 10



190259 Connector

Replacing: 1194485402

Servicing: Bosch Alternators, Bosch 1194 485 402, 0120300510, 0120300511, 0120300512, 0120300513, 0120300514, 0120300515

Colour Black, **Plug** Female, **No./ poles** 3

Terminal: HC-CARGO 190252.

Pkg. 10



190762 Connector

Replacing: 1194485404

Servicing: Bosch Alternators, Bosch 1194 485 404, 0120400541, 0120400542, 0120400551, 0120400558, 0120400563, 0120400566

Colour Black, **Plug** Female, **No./ poles** 4

Terminal: HC-CARGO 190252.



235402 Plug

Replacing: 9123334403

Servicing: 9120334625, 9120334626, 9120334634, 9120334635

Thru Bolts

Pkg. 4



137247 Through Bolt

Replacing: 1123450025

Servicing: 0120468029, 0120468101, 0120468125, B120500423, B120500654, B120500995

Thread size M6, **Total length** 141.00, **Length/ rear collar** 139.00, **Thread length** 40.00

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.

Pkg. 10



138592 Through Bolt

Replacing: 1123429208, 1123429200

Servicing: 0120300518, 0120300519, 0120300530, 0120300531, 0120300532, 0120300533, 0120300536, 0120300537, 0120339515, 0120339516

Thread size M5, **Total length** 111.70, **Length/ rear collar** 107.45, **Thread length** 30.95

Pkg. 4



139435 Through Bolt

Replacing: 2129990197, 1123429125, 1123410038

Servicing: 0120400708, 0120400725, 0120400784, 0120400835, 0120689502, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507

Thread size M6, **Total length** 108.50, **Length/ rear collar** 105.00, **Thread length** 60.00

Pkg. 20



191292 Through Bolt

Replacing: 6033AC1148, 1123429212, 1123429201, 1123429102

Servicing: 0001218602, 0001218620, 0001218703, 0001218710, 0001218711, 0001218712, 0001218715, 0001218716, 0001218719, 0001218722

Thread M5, **Length** 110.00, **Thread length** 40.00, **Head type** Cheese head, **Screw type** Pozidriv

Pkg. 20



191528 Through Bolt

Replacing: f00m390013, 1123429216, 1123429202

Servicing: 0120000003, 0120000004, 0120000005, 0120000007, 0120000008, 0120000014, 0120000024, 0120000025, 0120000026, 0120000027

Thread M5, **Length** 95.00, **Thread length** 30.00, **Head type** Cheese head, **Screw type** Pozidriv

Pkg. 20



191582 Through Bolt

Replacing: 1123429233, 1123429211, 1123429133, 1123410076

Servicing: 0120400669, 0120400670, 0120400719, 0120400721, 0120400724, 0120400726, 0120400727, 0120400740, 0120400741, 0120400792

Thread M5, **Length** 100.00, **Thread length** 60.00, **Head type** Cheese head, **Screw type** Pozidriv **Alternative no.:** B191582

Pkg. 20



191584 Through Bolt

Replacing: 1123429231, 1123429207, 1003450047, 1003450040

Servicing: 0001106012, 0001106014, 0001106017, 0001106022, 0001106023, 0001106024, 0001107094, 0001107095, 0001107400, 0001107401

Thread M5, **Length** 125.00, **Thread length** 60.00, **Head type** Cheese head, **Screw type** Pozidriv

Pkg. 20



191585 Through Bolt

Replacing: 1123429203, 1004450013, 1003450049, 1003450048, 1003450013, 1003450010, 1003410115

Servicing: 0001107032, 0001107034, 0001107037, 0001107045, 0001107048, 0001107056, 0001107062, 0001107063, 0001107066, 0001107067

Thread size M5, **Total length** 138.70, **Length/ rear collar** 134.80, **Thread length** 61.2

Pkg. 4



230706 Through Bolt

Replacing: 1123429007

Servicing: 0120000016, 0120000036, 0120335006, 0120335007, 0120335008, 0120335010, 0120335012, 0120465004, 0120465006, 0120465007

Thread size M5, **Total length** 57.00, **Length/ rear collar** 47.00, **Thread length** 22.00 **Alternative no.:** B230706

Pkg. 4



230731 Through Bolt

Replacing: f00m990152, F00M990010

Servicing: 0120000018, 0120000030, 0120000032, 01240AD7EB, 0124110002, 0124110003, 0124110005, 0124110006, 0124110007, 0124110008

Thread size M5, **Total length** 65.00, **Length/ rear collar** 59.80, **Thread length** 22.15 **Alternative no.:** B230731

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 4



231252 Through Bolt

Replacing: 1123429204

Servicing: 0120400640, 0120400642, 0120400694, 0120400712, 0120400713, 0120400733, 0120400745, 0120400747, 0120400764, 0120400765

Thread size M5, **Total length** 119.60, **Length/ rear collar** 115.00, **Thread length** 54.35

Pkg. 20



B230706 Through Bolt

Replacing: 1123429007

Servicing: 0120335006, 0120335007, 0120335008, 0120335010, 0120335011, 0120335012, 012033501C, 0120465003, 0120465004, 0120465006

Thread size M5, **Total length** 52.00, **Length/ rear collar** 47.00, **Thread length** 22.00
Alternative no.: 230706

Pkg. 100



B230731 Through Bolt

Replacing: f00m990102

Servicing: 0120000001, 0120000002, 0120000013, 0120000019, 0120000033, 0120000035, 0124110001, 0124110002, 0124110003, 0124110004

Thread size M5, **Total length** 65.30, **Length/ rear collar** 60.20, **Thread length** 21.70
Alternative no.: 230731

Screws

Pkg. 4



136009 Stud

Replacing: 2912212207

Servicing: 0120450024, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689511, 0120689512

Thread size M6, **Thread size/ rear** M6, **Total length** 35.00

Pkg. 3



136834 Screw

Replacing: 1123433030

Servicing: 0123110006, 0123320014, 0123500008, 0123500009, 0123505003, 0123505004, 0123510043, 0123510062, 0123510069, B120510214

Thread 2 M5, **Thread** M5, **Total length** 50.00

Pkg. 3



137216 Rectifier Screw

Replacing: F00M990061, 1123433017

Servicing: 0120000016, 0120000036, 0120335006, 0120335007, 0120335008, 0120335010, 0120335011, 0120335012, 012033501C, 0120465003

Thread M5, **Total length** 36.00, **Thread length** 27.30

Pkg. 200



191586 Machine Screw

Replacing: 2910022118, 2910001116

Servicing: 0001203009, 0001204002, 0001204005, 0001204006, 0001207016, 0001207017, 0001207018, 0001207019, 0001218011, 0001218122

Thread M4, **Length** 6.00, **Head type** Pan head, **Screw type** Pozidriv, **DIN norm** 7985, **ISO norm** 7045

Pkg. 10



230601 Screw

Replacing: F00M990054, 1123435002

Servicing: 0120000016, 0120000036, 0120335006, 0120335007, 0120335008, 0120335011, 0120335012, 0120465003, 0120465004, 0120465008

Thread 3.00x18.00, **Total length** 20.10, **Slot type** Phillips, Pozidriv
Alternative no.: B230601

Pkg. 5



230699 Rectifier Screw

Replacing: 1234433031, 1123433031

Servicing: 0120465031, 012046503B, 0120485029, 0120485030, 0120485048, 012048504J, 0123214002, 0123215001, 0123310006, 0123310014

Thread 2 M5, **Thread** M5, **Total length** 42.75, **Thread length** 28.00/6.25

Pkg. 3



230732 Screw

Replacing: F00M990704, f00m990702, f00m990176, f00m990163

Servicing: 0120000001, 0120000002, 0120000013, 0120000018, 0120000019, 0120000023, 0120000030, 0120000032, 0120000033, 0120000035

Thread M5, **Total length** 25.75, **Thread length** 17.75, **Slot type** Phillips, Pozidriv
Alternative no.: B230732

Pkg. 10



230777 Screw

Replacing: f00m990701, f00m990177, f00m990169, f00m990149

Servicing: 0120000001, 0120000002, 0120000013, 0120000018, 0120000019, 0120000030, 0120000032, 0120000033, 0120000035, 0120400786

Thread M4, **Total length** 16.30, **Thread length** 9.90

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Available while stock last, * Program development.

Pkg. 10



231561 Screw

Replacing: 1123433004

Servicing: 0120300518, 0120300519, 0120300522, 0120300523, 0120300528, 0120300529, 0120300532, 0120300533, 0120300535, 0120300536

Thread M4, **Total length** 21.75, **Thread length** 14.50

Pkg. 2000



B230732 Rectifier Screw

Replacing: f00m990163

Servicing: 0124315007, 0124515046, 0124515056, 0124515060, 0124625003, 0124625004, 0124625005, 0124625006, 0124625007, 0124655003

Thread M5, **Total length** 25.40, **Thread length** 17.70, **Slot type** Phillips, Pozidriv

Alternative no.: 230732

Nuts

Pkg. 200



191307 Hex Flange Nut

Replacing: 1123314008

Servicing: CS121, -130, 0120465031, 012046503B, 0120485029, 0120485030, 0120485048, 012048504J, 0123110006, 0123214002, 0123215001

Thread M5-0.8, **Spanner size** 8.00

Alternative no.: B191307

Oil Seals

Pkg. 5



132734 Oil Seal

Replacing: 9491330207, 9491140207, 9491140204, 9491140202

Servicing: 0120488000, 0120488001, 0120488002, 0120488003, 0120488004, 0120488005, 0120488006, 0120488007, 0120488008, 0120488009

ID 12.00, **OD** 24.00, **Height** 6.00

Pkg. 10



136014 Oil Seal

Replacing: 1120283000

Servicing: 0120689502, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689511, 0120689512

ID 20.00, **OD** 35.00, **Height** 7.00



136016 Oil Seal

Replacing: 2120283000

Servicing: 0120600502, 0120600513, 0120600514, 0120600515, 0120600521, 0120600525, 0120600527, 0120600530, 0120600531, 0120600534

ID 38.00, **OD** 52.00, **Height** 7.00

Pkg. 10



136857 Oil Seal

Replacing: 1000500084, 1000500078

Servicing: 0001121001, 0001121002, 0001121003, 0001121006, 0001121007, 0001121010, 0001121011, 0001123001, 0001124001, 0001124002

ID 30.00, **OD** 38.00, **Height** 2.60

Pkg. 500



230673 Oil Seal

ID 29.70, **OD** 39.00, **Height** 2.85

For free wheel pulley.

Pkg. 5



235142 Oil Seal

Replacing: 2120283004

Servicing: 0120689519, 0120689529, 0120689536, 0120689537, 0120689544, 0120689547, 0120689554, 0120689556, 0120689560, 0120689589

ID 28.00, **OD** 47.00, **Height** 7.00

Pkg. 10



235143 Oil Seal

ID 17.00, **OD** 35.20, **Height** 7.00

Pkg. 10



238780 Dp Cap

Servicing: 6033AD5078

OD 72.65

Pkg. 5



239821 Oil Seal

ID 14.04, **OD** 30.01

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

O-rings

Pkg. 5



132660 O-ring

Replacing: 9121337075

Servicing: 0120488002, 0120488003, 0120488004, 0120488005, 6033G4011B, 6033GB4008, 6033GB4009, 6033GB4015, 6033GB4016, 6033GB4017

ID 25.00, **Thickness** 2.00

Pkg. 10



135357 O-ring

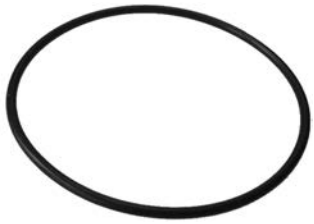
Replacing: 9491140203

Servicing: 0001218029, 0001218109, 0001218152, 0001218160, 0120300552, 0120300562, 0120300568, 0120300569, 0120339512, 0120339513

ID 28.00, **Thickness** 2.00

Bearing sleeve: HC-CARGO 140524.

Pkg. 5



137154 O-ring

Servicing: 6033GB4020, 6033GB4021, 9120334631, 9120334632

ID 70.00, **Thickness** 2.50

Pkg. 10



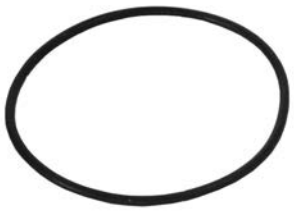
138007 O-ring

Replacing: 1120210001

Servicing: 0001241001, 0001261001, 0001261002, 0120339547, 0120400669, 0120400670, 0120400704, 0120400705, 0120400722, 0120400723

ID 32.00, **Thickness** 2.00

Pkg. 5



232432 O-ring

Servicing: M127, 01220AA000, 01220aa0b0, 01220aa0d0, 01220aa0r0, 01220aa1a0, 01220AA1H0, 01220aa1j0, 01220aa1p0, 01220aa2a0

ID 53.50, **Thickness** 1.95

Pkg. 10

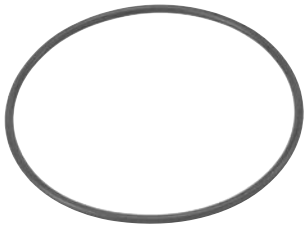


234669 O-ring

Servicing: 01220AA000, 01220aa0b0, 01220AA0D0, 01220aa0r0, 01220aa1a0, 01220AA1H0, 01220aa1j0, 01220aa1p0, 01220AA2A0, 0122468015

ID 155.00, **Thickness** 2.30, **Material** Rubber

Pkg. 10



330643 O-ring

ID 67.50, **Thickness** 2.15

Various

Pkg. 10



136013 Distance Ring

Replacing: 1120200015

Servicing: 0120689502, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689510, 0120689511, 0120689512

ID 15.00, **OD** 20.00, **Height** 11.15



136018 Oiler

Replacing: 1127402000

Servicing: 0120623052, 0120689502, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689511, 0120689512

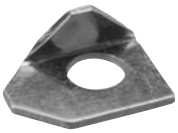


136019 Oiler

Replacing: 1127402001

Servicing: 0120623052, 0120689503, 0120689504, 0120689505, 0120689506, 0120689507, 0120689508, 0120689511, 0120689512, 0120689513

Pkg. 5



137246 Lock Washer

Replacing: 1121331003

Servicing: 0120468029, 0120468101, 0120468125, 0120469029, 0120469101, 0120469125, B120500423, B120500654, B120500995

OD/ housing 14.85, **Thickness** 5.85, **Material** Copper, **Type** Lock washer



139927 Nut

Replacing: F00MA46000, f00m146624

Servicing: 0124320001, 0124325052, 0124325180, 0124325205, 0124515017, 0124515018, 0124515019, 0124515020, 0124515021, 0124515054

Thread M8, **OD** 22.65, **Lock nut** Yes

B+.

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Pkg. 5



230611 Stud

Replacing: f00m990179, 1123502000

Servicing: 0120000015, 0120000017, 0120000037, 0120335010, 0120400949, 0120400950, 0120400951, 0120400952, 0120400953, 0120400954

Thread size M5,
Thread size/ rear M5, **Total length** 32.00

Pkg. 10



231170 Stud

Replacing: 1123527036

Servicing: 0120468143, 0120468145, 0120469050, 0120469100, 0120469101, 0120469102, 0120469103, 0120469107, 0120469108, 0120469109

Thread size M6,
Thread size/ rear M6, **Total length** 30.00

Pkg. 10



233563 Protecting Cap

Replacing: f00m146634

Servicing: 0120000023, 0121715002, 0121715032, 01240AC30B, 01240AC5HB, 01240AD39A, 01240AD39B, 0124225039, 0124225042, 0124225053

B+.

Pkg. 5



233821 Connection

Servicing: 0123510108

Mount hole 5.48, **Total length** 94.52, **Height** 13.60, **Width** 17.06, **No./ mount. holes** 1 (0)

Pkg. 5



233999 Washer

Replacing: 1120101000

Servicing: 0120400630, 0120400631, 0120400752, 0120400753, 0120400794, 0120400795, 0120400889, 0120400890, 0120469539, 0120469560

ID 15.30, **OD** 25.00, **Thickness** 1.50, **Material** Steel

Pkg. 5



234032 Wire Clip

Replacing: 1121331508

Servicing: 0123325013



234347 Plug

Replacing: 9121334418

Servicing: 6033GB4009, 9120334633, 9120334634, 9120334638, 9120334641, 9120334642

w/ wire.



239811# Wire Clip

Replacing: F00M147301, f00m1473001

Servicing: 0124325006

Pkg. 5



333598 5★ Protection Cap

Manufacturer: Bosch

Replacing: 2120558000

Servicing: 0120600502, 0120600591, 0120689529, 0120689536, 0120689547, 0120689554, 0120689556, 0120689560, 0120689589, 0120689590

ID 11.78, **ID 2** 23.14, **OD** 28.41, **OD 2** 18.40, **Length** 57.00, **Thickness** 25.90, **Width** 28.00, **Material** Rubber, **No./ mount. holes** 2
Alternative no.: 333632

Regulators/Rectifiers

14 Volt



234167[#] Regulator/Rectifier

Replacing: 493219

Dist. mount. holes 66.35



234170 Regulator/Rectifier

Replacing: 691188, 491546

9 **Amp**

Rectifiers



230149 Regulator/Rectifier Assy

Replacing: 394890, 393374

14 **V**, 10-16 **Amp/ diode**, **OD** 82.00, **Capacitor** w/o

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[#]Available while stock last, ***** Program development.

Rotors

Rotor Parts

Keys

Pkg. 10



234076 Key

Replacing: 850416/6

Servicing: AC5RS, 859605, 860052, LNA4024, LNA4024/1, LNA4024/2, LNA4024/3, LNA4024/4, LNA4024/5, LNA4024/6, LNA5524, LNA5524/11

Length 19.00, **Thickness** 4.00, **Width** 7.50

Slip Rings

Pkg. 5



133396 Slip Ring

Replacing: 854304

Servicing: A30, A35, A40, 857606, 857612, 857626, 857633, 857638, 858693, 859605, 860052, A3024/20, A3024/29, A3024/30, A3024/33

ID 10.00, **OD** 25.00, **Total length** 22.50

Nuts

Pkg. 5



136911 Nut

Replacing: 858410

Servicing: 857606, 857612, 857626, 857633, 857638, 858693, 859605, 860052, A24/20, A24/27, A24/28, A24/30, A24/33, A24/34, A24/35

Thread 5/8"-UNF, **OD** 23.55, **Lock nut** No

Stators

28 Volt



237695# Stator

Replacing: 859400

Servicing: LNA 5524, 859605, 860052, LNA5524, LNA5524/11, LNA5524/2, LNA5524/3, LNA5524/4, LNA5524/5, LNA5524/6, LNA5524/7

28 **V**, 55 **Amp**, **ID** 88.62, **OD** 132.94, **OD 2** 126.87, **Height** 30.45, **Terminals** 3

Regulators

28 Volt



132970 Regulator

Replacing: 854485

Servicing: A3024/13

28.5 **V setting**, **Dist. mount. holes** 68.00



133518 Regulator

Replacing: 857570, 857568

Servicing: A3024, 857606, 857612, 857626, 857633, 857638, 858693, A3024/20, A3024/29, A3024/30, A3024/33, A3024/41, A3024/42

28.5 **V setting**, **Dist. mount. holes** 68.00, **Regulator type** Electronic

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135755# Regulator

Replacing: 857238

Servicing: A24R, A24R/10, A24R/11, A24R/12, A24R/13, A24R/15, A24R/16, A24R/24

28.5 **V setting**, **Dist. mount. holes** 66.60



234272 Regulator

Replacing: 859329

Servicing: LNA 4021, LNA 5524, 859605, 860052, lna4024, LNA4024/1, LNA4024/2, LNA4024/3, LNA4024/4, LNA4024/5, lna4024/6

28.5 **V setting**, **Dist. mount. holes** 50.00

Brush Boxes

Brush Box Parts

Brush Sets



141029 Brush Set

Replacing: 854312

Servicing: A3024, A3524, A4024, A5524, 857606, 857612, 857626, 857633, 857638, 858693, 859605, 860052, A3024/13, A3024/20

28 **V**, **Length** 19.50, **Lead length** 59.00, **Height** 6.35, **Thickness** 4.56



BUTX22 Brush Set

Replacing: 851998, 850009

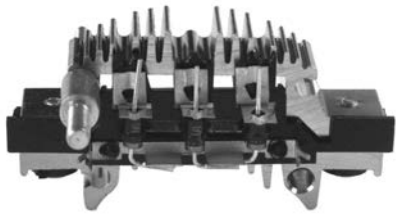
Servicing: A7, A13, A24, 851215, 851221, 851222, 851517, 851894, 852584, 852859, 853408, 853417, 853430, 853444, 853454, 853486

28 **V**, **Length** 14.30, **Lead length** 35.00, **Thickness** 7.80

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Rectifiers



135857 Rectifier

Replacing: 855806

Servicing: A3024, 857606, 857612, 857626, 857633, 857638, 858693, A3024/13, A3024/20, A3024/29, A3024/30, A3024/33, A3024/40

B+/ threaded M6/16.90, **OD** 100.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

Sundry Parts

Insulators

Pkg. 5



136407 Insulator

Replacing: 850068

Servicing: A13, A24, A24/20, A24/27, A24/28, A24/30, A24/33, A24/34, A24/35, A24/36, A24/37, A24/38, A24/39, A24/40, A24R/10

ID 6.70, **OD** 20.55, **Height** 5.45

Screws

Pkg. 200



191586 Machine Screw

Replacing: 858649

Servicing: 856766, 857673, 858617, 859022, GR45/10, GR45/13, GR45/14, GR45/15, GR45/16, GR45/17, GR45/18, GR45/19, GR45/2, GR45/3

Thread M4, **Length** 6.00, **Head type** Pan head, **Screw type** Pozidriv, **DIN norm** 7985, **ISO norm** 7045

Oil Seals

Pkg. 10



235693# Oil Seal

Replacing: 859124

Servicing: 859411, 859839, 859970, LNS4524, LNS4524/11, LNS4524/12, LNS4524/13, LNS4524/14, LNS4524/15, LNS4524/16, LNS4524/17

ID 26.00, **OD** 32.22, **Height** 4.00

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Rotors

14 Volt



137034 Rotor

Replacing: 6220-321a

Servicing: AC512, AC5A12, 1260020, 1260030, 1260190, 1260200, 1260220, 1260A020, 1260A030, 1260A190, 1260A200, 1260A220, 1260A288

14 **V**, 30 **Amp**, **OD** 95.00, **Shaft dia.** 19.00/20.00, **Total length** 182.00
4 poles.

28 Volt



137036 Rotor

Replacing: 6220-321b, 6220-321

Servicing: AC524, AC5A24, 1263020, 1263030, 1263040, 1263051, 1263060, 1263090, 1263170, 1263190, 1263200, 1263210, 1263260

28 **V**, 30 **Amp**, **OD** 90.00, **Shaft dia.** 19.00/20.00, **Total length** 181.00
4 poles.



139368 Rotor

Replacing: 6332-a1388, 6332-a1300

Servicing: AC203R, 1285454, 1285455, 1285504, 1285505, 1285509, 1285513, 1285517, 1285519, 1285521, 1285523, 1285525, 1285527

28 **V**, 115/180 **Amp**, **Thread size** M24-1.50, **OD** 146.00, **Shaft dia.** 30.00, **Total length** 293.00



139739 Rotor

Replacing: 6332-a1416, 6220-321j

Servicing: AC524M, AC5RS24, 1263307, 1263A301, 1263A302, 1263A303, 1263A304, 1263A306, 1263B301, 1263B302, 1263B303, 1263B304

28 **V**, 55 **Amp**, **OD** 95.00, **Shaft dia.** 19.00, **Total length** 183.00, **Rotation** CR

Rotor Parts

Keys

Pkg. 5



230962 Key

Replacing: nk1-9

Servicing: AC203, AC203, AC202RA, 1286010, 1286510, 1286560, 1286570, AC203RA

Length 18.50, **Thickness** 4.80, **Width** 7.80

Pkg. 10



234076 Key

Replacing: NKI-8

Servicing: AC5RS, 1268580, 1268590, 1268600M, 1268610, 1268650, 1268660, 1268690, AC5RS-24

Length 19.00, **Thickness** 4.00, **Width** 7.50

Slip Rings

Pkg. 5



131054 Slip Ring

Replacing: 6220-104

Servicing: AC5, 1260020, 1260030, 1260051, 1260060, 1260190, 1260200, 1260220, 1260280, 1260A020, 1260A030, 1260A051, 1260A060

ID 14.20, **OD** 31.50, **Total length** 24.50



139392 Slip Ring

Replacing: 6019-464

Servicing: AV7, AC172, AC172R, AC203R, 1271065, 1271125, 1271171, 1272202, 1272212, 1272222, 1272232, 1272249, 1272402, 1272403

ID 11.00, **OD** 25.00, **Total length** 28.00

Nuts

Pkg. 10



139742 Shaft Nut

Replacing: 5330-423

Servicing: AC5.-RS

Lock nut Yes

Pkg. 5



234137 Nut

Replacing: 5330-501

Servicing: AC172R, AC203R, AC203RA, 1286010, 1286510, 1286560, 1286570

Thread M24-1.50, **OD** 36.60, **Lock nut** No

Stators

28 Volt



139683 Stator

Replacing: 6332-a1469

Servicing: AC203RA

28 **V**, 115 **Amp**, **ID** 145.83, **OD** 205.94, **Height** 153.99, **Terminals** 3

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



139684 Stator

Replacing: 6332-a1470

Servicing: AC203RA

28 **V**, 180 **Amp**, **ID** 146.44, **OD** 206.54, **Height** 154.22, **Terminals** 2



139687 Stator

Replacing: 6332-a1379

Servicing: AC203R, 1285513, 1285521, 1285523, 1285525, AC203R11524-21, AC203R11524-22, AC203R11524-23

28 **V**, 115 **Amp**, **ID** 146.52, **OD** 204.80, **Height** 154.12, **Terminals** 3



139738 Stator

Replacing: 6332-a1419

Servicing: AC5RS, 1268120, 1268580, 1268590, 1268600M, 1268610, 1268650, 1268660, 1268690, 1269830, 1269870, 1269890, AC5RS-24

28 **V**, 55 **Amp**, **ID** 95.37, **OD** 135.40, **OD 2** 130.92, **Height** 22.35, **Terminals** 3

Brackets

S.R.E. Brackets



139734 S.R.E. Bracket

Replacing: 6220-905

Servicing: AC5RS, 1268580, 1268590, 1268600M, 1268610, 1268650, 1268660, 1268690, AC5RS-24

ID/ bearing hole 33.00

Bracket Parts

Various



139735# Insulator

Replacing: 6220-143

Servicing: AC5RS

Covers



138890 S.R.E. Cover

Replacing: 6220-a912a, 6220-912a, 6220-592

Servicing: AC5RS, 1268580, 1268590, 1268600M, 1268610, 1268650, 1268660, 1268690, AC5RS-24



139686 S.R.E. Cover

Replacing: 6270-541, 6270-501, 6010-234

Servicing: AC203RA, 1286010, 1286510, 1286560, 1286570

Regulators

14 Volt



130604 Regulator

Replacing: 1861660, 1697d220, 1697a220

Servicing: AC5, 1260020, 1260030, 1260190, 1260200, 1260220, 1260A020, 1260A030, 1260A190, 1260A200, 1260A220, 1260A287, 1260A288

Dist. mount. holes 104.50,
Regulator type Electronic,
Terminal type ÷A-WL-F-HI-MED-LO



131223 Regulator

Replacing: 6317-31f, 1861a424, 1861424

Servicing: 1267020, 1267030, AC5HER

14.4 **V setting**, **Dist. mount. holes** 63.50
Terminals: black D-, green DF, yellow D+, red B+.



135603 Regulator

Replacing: 1861a546, 1861546, 1861451

Servicing: AC5RS, 1268020M, 1268070M, 1268100M

Dist. mount. holes 77.45
Terminals: black D-, green DF, yellow D+, red B+.



139363 Regulator

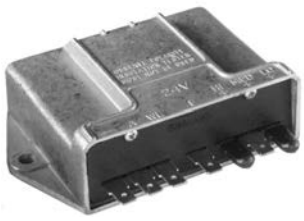
Replacing: 1861666, 1697d546

Servicing: Rolls Royce

14.7 **V setting**, **Dist. mount. holes** 102.00, **Terminal type** ÷A-WL-F-HI-MED-LO

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28 Volt



130605 Regulator

Replacing: 1861668, 1861658, 1861650, 1861600, 1697d520, 1697a520, 1697520

Servicing: AC5, AC7, 1263020, 1263030, 1263040, 1263190, 1263200, 1263210, 1263260, 1263297, 1263298, 1263307, 1263308, 1263A020

27.5 **V setting**, **Dist. mount. holes** 103.75, **Regulator type** Electronic, **Terminal type** ÷A-WL-F-HI-MED-LO

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#Available while stock last, * Program development.



131182 Regulator

Replacing: 6317-31o, 6317-31h, 6317-31g, 6317-31d, 6317-31c, 6317-31a, 1861a522, 1861a504, 1861a502, 1861a444

Servicing: AC5RS, 1266420, 1266430, 1266440, 1266450, 1266460, 1266470, 1266480, 1266490, 1266500, 1266510, 1266520, 1266530

28.5 **V setting**, **Dist. mount. holes** 63.00
Terminals: black D-, green DF, yellow D+, red B+.



135046 Regulator

Replacing: 546a-25, 546a-21, 546-10, 1861a548, 1861a540, 1861540, 1861446

Servicing: AC5RS-24, 1268410, 1268420, 1268430, 1268450, 1268470, 1268480, 1268510, 1268520, 1268550, 1268560, 1268570, 1268580

Dist. mount. holes 79.60, **D+ type** Cable, **Regulator type** Electronic
Terminals: D-(black), DF(green), D+(yellow), B+(red).



135602 Regulator

Replacing: 1861a542, 1861542

Servicing: AC5RS, 1268110M, 1268460M, 1268490M, 1268500M, 1268530M, 1268540M, 1268600M

Dist. mount. holes 76.65,
Regulator type Electronic
Terminals: black D-, green DF, yellow D+, red B+.



136548 Regulator

Replacing: 600-2, 1861a532, 1861a512, 1861a510, 1861532, 1861512, 1861510, 1861441, 1861422

Servicing: AC203R, 1285513, 1285517, 1285519, 1285523, 1285525, 1285527, 1285600, 1285602, 1285604, 1285606, AC203R11524-11

Dist. mount. holes 63.00,
Regulator type Electronic
Terminals: D-(black), DF(green), D+(yellow), B+(red).



138498 Regulator

Replacing: 1861a524, 1861a516, 1861a514, 1861524, 1861516, 1861514, 1861442

Servicing: 1277011, 1277021, 1277040, 1277050, 1277300, 1277320, 1277330, 1277340, 1277360, 1277370, 1277380, 1277390, 1277410

Dist. mount. holes 63.60,
Regulator type Electronic
Terminals: D-(black), DF(green), D+(yellow), B+(red).



139617 Regulator

Replacing: 594a-14, 594a-11, 1861a726, 1861a720, 1861726, 1861720

Servicing: AC203RA, 1286010, 1286510, 1286560, 1286570

28.5 **V setting**, **Dist. mount. holes** 61.30,
Regulator type Electronic



230074 Regulator

Replacing: 594a-4, 594a-1, 594-4, 594-1, 1861a706, 1861a700, 1861706, 1861700

Servicing: AC203R

Dist. mount. holes 60.00
Terminals: black D-, green DF, yellow D+, red B+.



234063 Regulator

Replacing: 594a-9, 594-9, 1861a716, 1861a712, 1861716, 1861712

Servicing: AC172R, 1277480, 1277490, 1277500, 1277510, 1277520, 1277530, 1277600, 1277620

Dist. mount. holes 66.15,
Regulator type Electronic
Over voltage protection and voltage surge.

Brush Boxes



130971 Brush Box

Replacing: 6220-477a, 6220-477

Servicing: AC5B, RS, S, 1260B020, 1260B030, 1260B051, 1260B060, 1260B070, 1260B190, 1260B200, 1260B220, 1260B280, 1260B287

14/28 **V**, **OD** 35.00
Gasket: HC-CARGO 139733.



139390 Brush Box

Replacing: 6220-477b

Servicing: AC5HER, AC172, AC172R, AC230R, 1267020, 1267030, 1267050, 1267420, 1267430, 1267440, 1267450, 1276500, 1277011, 1277040

14/28 **V**
3 terminals. Gasket: HC-CARGO 139733.



139623 Brush Box

Replacing: 6270-495

Servicing: AC203R, AC203RA, 1286010, 1286510, 1286560, 1286570

28 **V**
Gasket: HC-CARGO 139733.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Brush Box Parts

Brush Sets



AX322 Brush Set

Replacing: 6067-69

Servicing: AC7, 1271065, 1271125, 1271171, 1272202, 1272212, 1272222, 1272232, 1272249, 1272402, 1272403, 1272711, 1272775

28 **V**, **Length** 13.20, **Lead length** 33.00, **Height** 7.90, **Thickness** 6.30

Various

Pkg. 5



139733 Gasket

Replacing: 6220-75

Servicing: AC5, AC203

ID/ mount. hole 5.00, **Length** 35.65, **Thickness** 0.70, **No./ mount. holes** 3

Rectifiers



135582 Rectifier

Replacing: 6010-107

Servicing: AC5B, AC5RS, 1260020, 1260030, 1260051, 1260060, 1260190, 1260200, 1260220, 1260280, 1260A020, 1260A030, 1260A051

28 **V**, 55 **Amp/ diode**, **B+/ threaded** 1/4" UNF, **OD** 116.90, **Mount. dist.** 70.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/o

Rectifier Parts

Diodes



133495 Diode (+)

Replacing: 6270-395

Servicing: AC203R, 1284101, 1284104, 1284105, 1284110, 1284150, 1285513, 1285517, 1285519, 1285521, 1285523, 1285525, 1285527

400 **V**, 70 **Amp**, **Polarity** Positive, **Diode type** Stud mount

1/4"-28 stud.



133496 Diode (-)

Replacing: 6270-395a

Servicing: AC203R, 1284101, 1284104, 1284105, 1284110, 1284150, 1285513, 1285517, 1285519, 1285521, 1285523, 1285525, 1285527

400 **V**, 70 **Amp**, **Polarity** Negative, **Diode type** Stud mount

1/4"-28 stud.



139367 Diode Kit

Replacing: 6270-572f, 6010-395a

Servicing: AC203R

400 **V**, 70 **Amp**, **Polarity** Pos./Neg.

1/4"-28 stud.



234134 Diode Kit

Replacing: 6010-239

Servicing: AC203RA

200 **V**, 70 **Amp**

1/4"-28 stud.

Bearings

Roller Bearings

Pkg. 5



140445 Roller Bearing

Replacing: 6019-670

Servicing: AC7, 1271065, 1271125, 1271171, 1272202, 1272212, 1272222, 1272232, 1272249, 1272402, 1272403, 1272711, 1272775

ID 31.75, **OD** 69.85, **Height** 17.46



140446 Roller Bearing

Replacing: 6270-315

Servicing: AC203, 1284001, 1284002, 1284003, 1284004, 1284005, 1284006, 1284007, 1284008, 1284010, 1284055, 1284101, 1284102

ID 30.00, **OD** 72.00, **Height** 19.00, **Rolls** 12

Pkg. 5



141044 NU306ETVP2 Roller Bearing

Replacing: 6500-173

Servicing: AC203RA, 1286010, 1286510, 1286560

ID 30.00, **OD** 72.00, **Height** 19.00, **Rolls** 12

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Fans & Pulleys

Fans



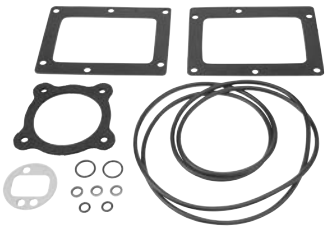
139741 Fan

Replacing: 6220-911

Servicing: AC5, RS, 1268010, 1268020M, 1268030, 1268040, 1268050, 1268060, 1268070M, 1268080, 1268090, 1268100M, 1268110M, 1268120

OD 140.20, **Bore dia.** 20.00, **Height** 16.75, **Fans** 14, **Pulley** w/o

Repair Kits



139372# Repair Kit

Replacing: 6010-30

Servicing: AC203, 1284001, 1284002, 1284003, 1284004, 1284005, 1284006, 1284007, 1284008, 1284010, 1284055, 1284101, 1284102



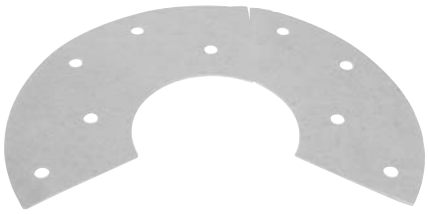
139685 Repair Kit

Replacing: 6010-235

Servicing: CA203RA, 1286010, 1286510, 1286560, 1286570, AC203RA

Sundry Parts

Insulators



139223# Insulator

Replacing: 6270-29

Servicing: AC203



139375 Insulator

Replacing: 6270-28

Servicing: AC203

ID 8.10, **OD** 19.95, **Height** 30.00



139376 Insulator

Replacing: 6270-28a

Servicing: AC203

ID 7.85, **OD** 19.85, **Height** 30.00

Pkg. 10



139377# Insulator

Replacing: 6270-32

Servicing: AC203

ID 5.50, **OD** 15.00, **Height** 15.60



139379 Insulator

Replacing: 6270-49

Servicing: AC203

ID 8.10, **OD** 17.95, **Height** 5.30

Terminals



139384# Terminal

Replacing: 6270-125

Servicing: AC203

Thread size M8, **Total length** 52.00, **Thread length** 19.50

Positive.

Thru Bolts



233644 Through Bolt

Replacing: 5335-807

Servicing: 1268580, 1268590, 1268600M, 1268610, 1268650, 1268660, 1268690, AC5RS-24

Thread size M5, **Total length** 72.00, **Length/ rear collar** 66.90, **Thread length** 20.55

Screws

Pkg. 2



139731 Screw

Replacing: 5337-64b

Servicing: AC5RS

Thread M8, **Total length** 16.50, **Thread length** 8.85

Pkg. 100



192591 Socket Head Screw

Replacing: 5335-963e

Servicing: AC203, 1286010, 1286510, 1286560, 1286570, AC203RA

Thread M6, **Length** 16.00, **DIN norm** 912, **ISO norm** 4762

Pkg. 100



192592 Socket Head Screw

Replacing: 5335-963c

Servicing: 1286010, 1286510, 1286560, 1286570, AC203RA

Thread M6, **Length** 25.00, **DIN norm** 912, **ISO norm** 4762

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



233645 Screw

Replacing: n37-14z1

Servicing: AC5RS, 1268580, 1268590, 1268600M, 1268610, 1268650, 1268660, 1268690, AC5RS-24

Thread M5, **Total length** 16.20, **Thread length** 12.75, **Slot type** Slottet

Nuts

Pkg. 10



233643 Hex Nut

Replacing: nu10-11t1

Servicing: AC5RS, 1268580, 1268660, 1268690

Thread M6, **OD** 11.00, **Lock nut** No

0.25" UNF.

Oil Seals

Pkg. 5



139381 Oil Seal

Replacing: 6270-54

Servicing: AC203

ID 23.63, **OD** 37.50, **Height** 7.00



139382[#] Oil Seal

Replacing: 6270-54a

Servicing: AC203

ID 22.63, **OD** 47.50, **Height** 10.00

Pkg. 5



139383 Oil Seal

Replacing: 6270-54b

Servicing: AC203

ID 29.50, **OD** 40.50, **Height** 7.00



139624 Oil Seal

Replacing: 6270-54e

Servicing: AC203R

ID 40.00, **OD** 52.50, **Height** 6.50

O-rings

Pkg. 5



139737 O-ring

Replacing: 6220-481

Servicing: AC5RS, 1268580, 1268590, 1268600M, 1268610, 1268650, 1268660, 1268690, AC5RS-24

ID 34.00, **Thickness** 1.70

Various



139373 Fuse

Replacing: 6221-10

Servicing: AC203

80 **Amp**



139386 Condenser

Replacing: 6270-369

Servicing: AC203, AC203RA

Length 45.60, **Height** 13.20, **Width** 16.80, **Type** Standard

3µF-110 V.



139387 Condenser

Replacing: 6270-369a

Servicing: AC203

Length 45.25, **Width** 16.65

3µF-110 V.

Pkg. 10



139732 Spring Lock Washer

Replacing: 5293-57

Servicing: AC5RS, 1286010, 1286510, 1286560, 1286570, 1403010, AC203RA, BS612L-2, BS612L-40, BS612L-77, BS612L-M15, BS612L-M21

ID 6.55, **OD** 9.85, **Thickness** 1.70, **Material** Steel

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.

Rotors

Rotor Parts

Slip Rings

Pkg. 10



133923# Slip Ring

Replacing: 3755187, 2421804, 2098278, 2095017
Servicing: 2095000, 3438701, 3438702, 3438703, 3438704, 3438803, 3438804, 3438806, 3438807, 3438809, 3438811, 3438812, 3438813
ID 17.00, **OD** 29.00, **Total length** 19.00

Pkg. 5



233935 Slip Ring

Replacing: 5226003, 4433050
OD 16.60, **Total length** 26.60

Regulators

14 Volt



131224 Regulator

Replacing: 2940030
14.5 **V setting**, **Dist. mount. holes** 66.15, **Regulator type** Electronic



131280 Regulator

Replacing: ch545, ch544, ch543, ch537, 5234625, 4144187, 4091050, 4003708, 3874520, 3755970, 3755960, 3755850
14.7 **V setting**, **Dist. mount. holes** 83.00, **Regulator type** Electronic
2 fields.

Brush Boxes



131919# Brush Box

Replacing: 5226084
Servicing: 5226200
OD 48.30
O-ring: HC-CARGO 232454.



138754 Brush Box

Replacing: 5226848
Servicing: 4339440, 5223574, 5226432
14 **V**

Brush Box Parts

Brush Sets



140809 Brush Set

Replacing: 3420893, 2932755
14 **V**, **Length** 9.50, **Lead length** 17.00, **Thickness** 6.00

Rectifiers



131419 Rectifier

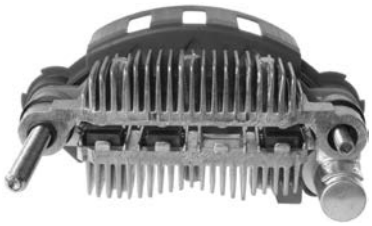
Replacing: ch2252, 3755114, 3438721
Servicing: 3438701, 3438702, 3438703, 3438704, 3438803, 3438804, 3438806, 3438807, 3438809, 3438811, 3438812, 3438813
No./ diodes 3, **Capacitor** w/o
Negative.



131420 Rectifier

Replacing: ch2202, 4240488, 4026303, 4026282, 4026083, 4026082, 3874343, 3874269, 3874268, 3755115, 3474268
Servicing: 3438701, 3438702, 3438703, 3438704, 3438803, 3438804, 3438806, 3438807, 3438809, 3438811, 3438812, 3438813
25 **Amp/ diode**, **Diode type** Button, **No./ diodes** 3, **Capacitor** w/o
Positive.

85 mm



138893 Rectifier

Servicing: 4686106, 46866106
14 **V**, 30 **Amp/ diode**, **B+/ threaded** M6/32.15, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/

Bearings

Needle Bearings

Pkg. 10



140120 Needle Bearing

Replacing: 3755184, 2098512, 2095037
Servicing: 10SI, 12SI, 15SI, 17SI, 27SI, A127
ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13
Closed end.

Pkg. 10



140240 Needle Bearing

Replacing: cn1467
Servicing: 10DN series, A127 w/ vacuum pump
ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13
Open end.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



140771 Needle Bearing

Replacing: ch1440, 2525335

Servicing: 10SI/116, 10SI/136

ID 17.00, **OD** 23.85, **Height** 19.45, **Rolls** 13
w/ double seal. w/ closed end.

Fans & Pulleys

Pulleys



134007 Pulley

Replacing: 5227174

OD 74.35, **Bore dia.** 17.00, **Width** 31.75, **Depth** 24.10, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



136452# Pulley

Servicing: 5233449, 5233660, 5233949, 5233973, 5234029, 5234260

OD 63.10, **Bore dia.** 17.00, **Dist./ back** 4.85, **Width** 28.40, **Depth** 17.30, **Pulley type** SP, **Grooves** 5



136453 Pulley

Servicing: 5233599, 5233672, 5233673, 5234028, 5234199

OD 72.30, **Bore dia.** 17.00, **Dist./ back** 5.90, **Width** 34.30, **Depth** 23.20, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



136454# Pulley

Servicing: 4557301, 5233418, 5233608, 5234031, 5234201, 5234208

OD 62.55, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 23.90, **Depth** 12.75, **Pulley type** SP, **Grooves** 4

Freewheel Pulleys



235794 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: 53013554ae, 53013554ad

Servicing: 56041578AE, 56044530aa, 56044530ab, 56044530ac, 56044672AA, 56044672AB

Thread size M14-1.50, **OD** 58.00, **Bore dia.** 17.00, **Dist./ back** 4.35, **Width** 45.00, **Depth** 12.35, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6



331792 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: 4861513ad, 4861513ac, 4861513ab, 4861513aa

Servicing: 04868429ac, 04868429ad

Thread size M14-1.50, **OD** 57.40, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 51.40, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



332486 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: 04861506AG, 04861506AE, 04861506AD, 04861506AB

Thread size M14-1.50, **OD** 55.00, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 43.00, **Depth** 10.40, **Pulley type** SP/FW, **Grooves** 6

Sundry Parts

Terminals



231453 Terminal Block

Replacing: 5233482

Various

Pkg. 10



132581 Insulator

Replacing: 3438718

ID 5.00, **OD** 14.00, **Thickness** 1.55, **Material** Plastic

All measurements are in mm, unless else stated.
O.E.M. names and numbers are used for reference purposes only.
#Available while stock last, * Program development.

Regulators

Regulator Parts

Various

Pkg. 10



239722[#] Regulator Plug

Servicing: 10480403, 10480407

190 **Amp**, **Plug** Male

Plug = PL91.

Fans & Pulleys

Freewheel Pulleys



138807 Freewheel Pulley

Replacing: 211242

Thread size M16-1.50, **OD** 55.60, **Bore dia.** 17.00, **Dist./ back** 1.20, **Width** 35.70, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332291



332291 Freewheel Pulley HC-CARGO

Replacing: 211242

Thread size M16-1.50, **OD** 55.60, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 36.50, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 138807

All measurements are in mm, unless else stated.

[#]Available while stock last, ***** Program development.

O.E.M. names and numbers are used for reference purposes only.

Rotors

14 Volt



135837 Rotor

Replacing: 021200-6691, 021200-6690, 021200-6491, 021200-6490, 021200-5860, 021200-5160, 021200-5060

Servicing: 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020, 100211-1021, 100211-1030, 100211-1031, 100211-1040

14 **V**, 55/75 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 15.00, **Total length** 147.00, **Rotation** CR
Shaft: HC-CARGO 137774.



135838 Rotor

Replacing: 021200-3034, 021200-3033, 021200-3030, 021200-2570, 021200-2410

Servicing: 100211-1200, 100211-1201, 100211-1220, 100211-1221, 100211-1222, 100211-1223, 100211-1224, 100211-1230, 100211-1231

14 **V**, 50 **Amp**, **Thread size** M14-1.50, **OD** 82.70, **Shaft dia.** 15.00, **Total length** 140.00, **Rotation** CR
Shaft: HC-CARGO 135112.



135839# Rotor

Replacing: 021200-2880

Servicing: 100211-1440, 100211-1492

14 **V**, 45 **Amp**, **Thread size** M14-1.50, **OD** 76.00, **Shaft dia.** 15.00, **Total length** 140.00, **Rotation** CR
Shaft: HC-CARGO 135112.



135949 Rotor

Replacing: 021200-6871, 021200-6870, 021200-6151, 021200-6150, 021200-5760, 021200-4770, 021200-4670

Servicing: 100211-0151, 100211-1080, 100211-1081, 100211-1110, 100211-1111, 100211-2010, 100211-2011, 100211-2130, 100211-2140

14 **V**, 65/70 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 15.00, **Total length** 147.00, **Rotation** CR
Shaft: HC-CARGO 137774.



135950# Rotor

Replacing: 27330-45070, 021200-3250, 021200-2311, 021200-1541

Servicing: 021000-0140, 021000-0430, 021000-5500, 021000-5501, 021000-5650, 021000-5651, 021000-6600, 021000-6610, 021000-6611

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 96.00, **Shaft dia.** 17.00, **Total length** 147.50, **Rotation** CR
Shaft: HC-CARGO 137775.



136192 Rotor

Replacing: 021200-3200, 021200-2520, 021200-2280

Servicing: 021000-9861, 100210-2220, 100210-2221, 100210-2350, 100210-2610, 100210-2620, 100210-2660, 100210-2700, 100210-2710

14 **V**, 40/45 **Amp**, **Thread size** M16-1.50, **OD** 91.20, **Shaft dia.** 20.00, **Total length** 192.00, **Rotation** CR, **Splines** 18
Shaft: HC-CARGO 133504.



136448# Rotor

Replacing: 021200-3830, 021200-3750, 021200-2940, 021200-2930, 021200-2390, 021200-2350, 021200-2340

Servicing: 100210-2340, 100210-2343, 100210-2380, 100210-2600, 100210-2630, 100210-2750, 100210-2760, 100210-2830, 100210-2890

14 **V**, 55/60 **Amp**, **Thread size** M16-1.50, **OD** 96.00, **Shaft dia.** 20.00, **Total length** 192.00, **Rotation** CR, **Splines** 18
Shaft: HC-CARGO 133504.



136616 Rotor

Replacing: 021200-4380, 021200-4361, 021200-4360, 021200-3811, 021200-3051, 021200-3040, 021200-2740

Servicing: 100211-1210, 100211-1211, 100211-1212, 100211-1260, 100211-1261, 100211-1270, 100211-1271, 100211-1310, 100211-1311

14 **V**, 60 **Amp**, **Thread size** M14-1.50, **OD** 82.00, **Shaft dia.** 15.00, **Total length** 140.00, **Rotation** ACR
Shaft: HC-CARGO 135112.



136617 Rotor

Replacing: 021200-2511

Servicing: 100211-1400, 100211-1401, 100211-1402, 100211-1410, 100211-1411, 100211-1420, 100211-1451, 100211-1452, 100211-1453

14 **V**, 40 **Amp**, **Thread size** M14-1.50, **OD** 76.50, **Shaft dia.** 15.00, **Total length** 133.15, **Rotation** CR
Shaft: HC-CARGO 135111.

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#Available while stock last, * Program development.



137373 Rotor

Replacing: 021200-3361, 021200-3360

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3410, 100211-2661, 100211-5000, 100211-5020, 100211-5021, 100211-5040

14 **V**, 60/70 **Amp**, **OD** 89.10, **Shaft dia.** 17.00, **Total length** 121.00, **Rotation** CR



137422 Rotor

Replacing: 021200-1390, 021200-1010, 021200-0480, 021200-0360

Servicing: 021000-0351, 021000-0812, 021000-0813, 021000-0814, 021000-1083, 021000-1242, 021000-1602, 021000-1603, 021000-1608

14 **V**, 35 **Amp**, **Thread size** M14-1.50, **OD** 81.70, **Shaft dia.** 15.00, **Total length** 135.00
Shaft: HC-CARGO 137776.



137684 Rotor

Replacing: 021200-4151, 021200-4150

Servicing: 100210-3380, 100210-3381, 100210-3470, 100210-3480, 100210-3700, 100211-5031, 100211-5060, 100211-5080, 100211-5110

14 **V**, 70 **Amp**, **Thread size** M14-1.50, **OD** 91.80, **Shaft dia.** 17.00, **Total length** 129.40, **Rotation** CR
Shaft: HC-CARGO 230626.



137799 Rotor

Replacing: 021200-5621, 021200-5620, 021200-5421, 021200-5420, 021200-3650, 021200-3310, 011200-5420

Servicing: 100211-1280, 100211-1520, 100211-1550, 100211-1560, 100211-1570, 100211-1571, 100211-2022, 100211-2230, 100211-2310

14 **V**, 45 **Amp**, **Thread size** M14-1.50, **OD** 76.30, **Shaft dia.** 15.00, **Total length** 140.00, **Rotation** CR
Shaft: HC-CARGO 135112.



137970 Rotor

Replacing: 021200-5790, 021200-3520, 021200-3430, 021200-3291

Servicing: 100211-1610, 100211-1611, 100211-1630, 100211-1632, 100211-1640, 100211-1650, 100211-1661, 100211-1662, 100211-1670

14 **V**, 40 **Amp**, **Thread size** M14-1.50, **OD** 69.00, **Shaft dia.** 15.00, **Total length** 135.00, **Rotation** CR
Shaft: HC-CARGO 135097.



138162# Rotor

Replacing: 021200-2950

Servicing: 100211-2400, 100211-2820, 100211-2830, 100211-2840, 100211-2850, 100211-2860

14 **V**, 80 **Amp**, **Thread size** M14-1.50, **OD** 97.00, **Shaft dia.** 17.00, **Total length** 155.50



138375 Rotor

Replacing: 021200-5020, 021200-3790

Servicing: 100211-8000, 100211-8030, 100211-8031, 100211-8110, 100211-8150, 100211-8151, 100211-8170, 100211-8240, 100211-8260

14 **V**, 70/80 **Amp**, **Thread size** M14-1.50, **OD** 91.40, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR
Shaft: HC-CARGO 137769.



138416 Rotor

Replacing: 021200-8280, 021200-5940, 021200-4890, 021200-3890

Servicing: 100211-6000, 100211-6010, 100211-6020, 100211-6030, 100211-6031, 100211-6050, 100211-6051, 100211-6080, 100211-6090

14 **V**, 120 **Amp**, **Thread size** M14-1.50, **OD** 101.40, **Shaft dia.** 17.00, **Total length** 157.00, **Rotation** CR



138571 Rotor

Replacing: 021200-7662, 021200-7080, 021200-3820, 021200-3770

Servicing: 100211-8622, 100211-8890, 100211-8900, 101211-5030, 101211-5170, 101211-5660, 101211-5760, 101211-5770, 101211-9360

14 **V**, 90 **Amp**, **Thread size** M14-1.50, **OD** 91.50, **Shaft dia.** 17.00, **Total length** 147.00, **Rotation** CR

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#Available while stock last, * Program development.

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138572 Rotor

Replacing: 021200-5701, 021200-5700, 021200-5641, 021200-5640, 021200-3530, 021200-3380, 021200-3300

Servicing: 100211-1540, 100211-1550, 100211-1580, 100211-1590, 100211-2022, 100211-2230, 100211-2310, 100211-3370, 100211-4000

14 **V**, 60 **Amp**, **Thread size** M14-1.50, **OD** 76.00, **Shaft dia.** 15.00, **Total length** 140.00, **Rotation** CR
Shaft: HC-CARGO 135112.



138573 Rotor

Replacing: 021200-4330, 021200-3880

Servicing: 101211-7130, 121000-4000, 121000-4040, 121000-4050, 121000-4070, 121000-4080, 121000-4090, 121000-4120, 121000-4130

14 **V**, 120 **Amp**, **Thread size** M14-1.50, **OD** 101.00, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



138747 Rotor

Replacing: 021200-5400

Servicing: 100210-3660, 100210-3720, 100210-3740, 100210-3760, 100210-3840, 121000-7970, 121000-8010, 121000-8030, 121000-8050

14 **V**, 45 **Amp**, **Thread size** M16-1.50, **OD** 91.00, **Shaft dia.** 20.00, **Total length** 192.00, **Splines** 10



138760 Rotor

Replacing: 021200-3350

Servicing: 100211-1600, 100211-1601, 100211-1620, 100211-4400, 100211-4410, 100211-4700, 100211-4701

14 **V**, 40 **Amp**, **Thread size** M14-1.50, **OD** 69.20, **Shaft dia.** 15.00, **Total length** 140.00, **Rotation** CR
Shaft: HC-CARGO 135112.



230893 Rotor

Replacing: 021200-5410

Servicing: 100210-3680, 100210-3810, 100213-1450, 100213-1500, 121000-7990

14 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 96.00, **Shaft dia.** 20.00, **Total length** 192.00, **Rotation** CR, **Splines** 10



230965 Rotor

Replacing: 021200-2840, 021200-1180, 021200-1130

Servicing: 021000-0441, 021000-0470, 021000-0490, 021000-1321, 021000-1322, 021000-1330, 021000-1332, 021000-1340, 021000-1342

14 **V**, 50 **Amp**, **Thread size** M14-1.50, **OD** 91.00, **Shaft dia.** 17.00, **Total length** 148.00, **Rotation** CR



231181 Rotor

Replacing: 021200-7320, 021200-5000, 021200-3930

Servicing: 100211-8000, 100211-8010, 100211-8020, 100211-8030, 100211-8050, 100211-8060, 100211-8070, 100211-8090, 100211-8100

14 **V**, 70/80 **Amp**, **Thread size** M14-1.50, **OD** 91.00, **Shaft dia.** 17.00, **Total length** 150.00, **Rotation** CR



231665# Rotor

Replacing: 021200-2050

Servicing: 100211-0420, 100211-0421, 100211-0422, 100211-0440

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 91.25, **Shaft dia.** 17.00, **Total length** 148.40, **Rotation** CR



235058# Rotor

Replacing: 021200-6200, 021200-5270

Servicing: 100210-3580, 100210-3770, 100210-3820, 100210-3821, 100210-3870, 100210-3871, 121000-7710, 121000-8070, 121000-8200

14 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 96.10, **Shaft dia.** 20.00, **Total length** 202.00, **Rotation** CR, **Splines** 10

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All measurements are in mm, unless else stated.
Available while stock last, * Program development.

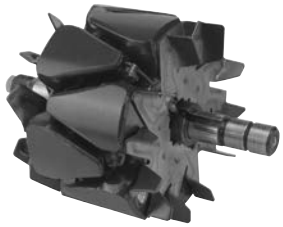


235059 Rotor

Replacing: 021200-7310, 021200-6780

Servicing: 102211-5001, 102211-5002, 102211-5020, 102211-5021, 102211-5050, 102211-5051, 102211-5052, 102211-5070, 102211-5090

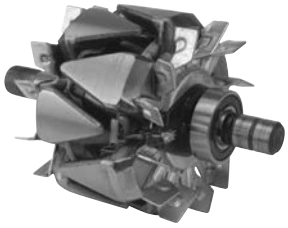
14 **V**, 70 **Amp**, **Thread size** M14-1.50, **OD** 86.00, **Shaft dia.** 15.00, **Total length** 143.00, **Rotation** CR



235246 Rotor

Servicing: 102211-0500

14 **V**, 120 **Amp**, **Thread size** M14-1.50 L, **OD** 101.40, **Shaft dia.** 17.00, **Total length** 157.10, **Rotation** ACR



239980 Rotor

Servicing: 101210-0160, 101210-0161, 101210-0162, 102211-8660, 102211-8661, 102211-8662

14 **V**, 130 **Amp**, **Thread size** M17-1.50, **OD** 99.20, **Shaft dia.** 17.10, **Total length** 160.00, **Rotation** CR



330090 Rotor

Servicing: 101210-0921, 101210-0960, 101210-0961, 101210-1090, 102211-8351, 102211-8352, 102211-8353, 102211-8354, 102211-8355

14 **V**, 105 **Amp**, **Thread size** M17-1.50, **OD** 91.50, **Shaft dia.** 17.00, **Total length** 152.50, **Rotation** CR



331584 Rotor

Servicing: 104210-3511, 104210-3512, 104210-3513, 104210-3531, 104210-3532, 104210-3761, 104210-3762, 104210-5790, 104210-5800

14 **V**, 120 **Amp**, **Thread size** M14-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 147.00, **Rotation** CR

28 Volt



137394 Rotor

Replacing: 021200-4132, 021200-4131

Servicing: 100211-7170, 100211-7370, 100211-7380, 100211-7670, 100211-7850, 100211-7880, 101211-0260, 101211-0261, 101211-0262

28 **V**, 30 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 15.00, **Total length** 147.00, **Rotation** CR

Shaft: HC-CARGO 137774.



137667 Rotor

Replacing: 021200-4141, 021200-4140

Servicing: 100211-6200, 100211-6210, 100211-6221, 100211-6230, 100211-6240, 100211-6250, 100211-6260, 100211-6270, 101211-7910

28 **V**, 50 **Amp**, **Thread size** M14-1.50, **OD** 113.00, **Shaft dia.** 17.00, **Total length** 157.00, **Rotation** CR



230695# Rotor

Replacing: 021200-4110, 021200-4050, 021200-3420

Servicing: 100213-0520, 121000-2130

28 **V**, 40 **Amp**, **Thread size** M16-1.50, **OD** 103.00, **Shaft dia.** 25.00, **Total length** 211.50, **Rotation** CR, **Splines** 18

Rotor Parts

Shafts



133504 Rotor Shaft

Servicing: 021000-9851, 021000-9930, 021200-2280, 021200-2320, 021200-2340, 021200-2350, 021200-2390, 021200-2520, 021200-2930

Thread size M16-1.50, **OD/ shaft** 20.00, **Total length** 192.00, **No./ splines** 18



135112# Rotor Shaft

Servicing: 021200-2310, 021200-3310, 100211-6640, 100211-6920

Thread size M14-1.50, **OD/ shaft** 15.00, **Total length** 140.00



136951# Rotor Shaft

Servicing: 021200-3330, 021200-5270

Thread size M16-1.50, **OD/ shaft** 20.00, **Total length** 201.00, **No./ splines** 18

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137769 Rotor Shaft

Servicing: 021200-3790, 021200-5020

Thread size M14-1.50,
OD/ shaft 17.00, **Total length** 150.00



137774 Rotor Shaft

Servicing: 021200-2330, 021200-2610, 021200-2960, 021200-2962, 021200-4131, 021200-5060, 021200-5160

Thread size M14-1.50,
OD/ shaft 17.00, **Total length** 147.50

Slip Rings

Pkg. 5



131819 Slip Ring

Servicing: 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1021, 100211-1040, 100211-1041, 100211-1060, 100211-1061

ID 9.00, **OD** 14.90, **Total length** 24.00
Alternative no.: B131819

Pkg. 5



133408 Slip Ring

Servicing: 021000-0140, 021000-0351, 021000-0441, 021000-0470, 021000-0812, 021000-0813, 021000-0814, 021000-1083, 021000-1242

ID 18.00, **OD** 33.00, **Total length** 25.00

Pkg. 10



135173 Slip Ring

Servicing: 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100211-0120, 100211-1090, 100211-1091, 100211-1150, 100211-1270

ID 7.90/8.75, **OD** 14.90,
Total length 24.00
Quick repair: HC-CARGO 234489.

Pkg. 10



135315 Slip Ring

Servicing: 021000-0812, 021000-0813, 021000-1083, 021000-1242, 021000-1602, 021000-1608, 021000-2490, 021000-2500, 021000-3460

ID 17.50, **OD** 33.00, **Total length** 31.10

Pkg. 5



138438 Slip Ring

Servicing: 021000-0140, 021000-2470, 021000-3630, 021000-3641, 021000-3830, 021000-3840, 021000-5020, 021000-5040, 021000-5046

ID 17.30, **OD** 33.00, **Total length** 25.00

Pkg. 10



239718 Slip Ring

Servicing: 104210-1060, 104210-2320, 104210-2710, 104210-2730, 104210-2750, 104210-3170, 104210-3171, 104210-3290, 104210-3291

ID 5.95, **OD** 14.60, **Total length** 46.40

Pkg. 240



B131819 Slip Ring

ID 9.00, **OD** 14.70, **Total length** 24.00
Quick repair: HC-CARGO 133610.
Alternative no.: 131819

Copper Rings

Pkg. 10



133610 Copper Ring

Servicing: 100211-1040, 100211-1041, 100211-1400, 100211-1401, 100211-1402, 100211-1610, 100211-1611, 100211-1630, 100211-1640

ID 13.12, **OD** 15.80, **Height** 9.55
w/ 4 pins.

Pkg. 100



234489 Copper Ring

ID 13.00, **OD** 15.00, **Height** 9.40
Quick repair: HC-CARGO 131819, 135173, 135179, 230090.

Spacers



231508[#] Spacer

Replacing: 27412-45070, 27412-15150, 021045-0690, 021045-0130

Servicing: 021000-0430, 021000-5650, 021000-5651, 021000-6570, 021000-6580, 021000-6600, 021000-6610, 021000-6611, 021000-6612

ID 17.00, **OD** 23.00, **Height** 8.20

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[#]Available while stock last, ***** Program development.



231676 Spacer

Replacing: 27212-39050, 027302-0020

Servicing: 021000-0441, 021000-3460, 021000-3630, 021000-3641, 021000-4510, 021000-5020, 021000-5030, 021000-5040, 021000-5046

ID 17.00, **OD** 24.40/30.00, **Height** 6.00

Pkg. 5



234055# Spacer

Servicing: 021000-0351, 021000-0812, 021000-0813, 021000-1083, 021000-1242, 021000-1602, 021000-1608, 021000-2490, 021000-2500

ID 15.00, **OD** 20.00, **Height** 7.40

Pkg. 5



235484 Spacer

Replacing: 027302-0140, 021045-0310

Servicing: 021000-2522, 021000-2532, 021000-2542, 021000-4580, 021000-4630, 021000-4730, 021000-5310, 021000-5380, 021000-7000

ID 20.00/22.60, **OD** 29.00, **Height** 5.00

Pkg. 10



239538 Spacer

Replacing: 021045-0040

Servicing: 021000-0351, 021000-0814, 021000-2840, 021000-2991, 021000-3040, 021000-3061, 021000-4550, 021000-4570, 021000-5450

ID 15.00, **OD** 20.40, **Height** 9.50

Nuts

Pkg. 200



191298 Hex Nut

Replacing: 949056-2520

Servicing: 081000-1321, 081000-1480, 081000-1611, 081000-1660, 081000-1700, 081000-1701, 081000-1740, 081000-1760, 081000-1970

Thread M14-1.50, **Spanner size** 22.00, **DIN norm** 934

Pkg. 100



191657 Hex Nut

Replacing: 949056-2750, 949050-3340

Servicing: 4G series, 021000-6271, 021000-7090, 021000-7160, 021000-7630, 021000-7640, 021000-8500, 021000-8731, 021000-8770

Thread M16-1.50, **Spanner size** 24.00, **DIN norm** 439B, **ISO norm** 4035

Stators

NEW PRODUCT
www.hc-cargo.com

239025*

Replacing: 021100-5080

Servicing: 104210-8020, 104210-8210, 104210-8220, 104210-8240, 104210-8241, 104210-8310, 104210-8430, 104210-8431

14 **V**, 80 **Amp**, **ID** 86.75, **OD** 110.85, **Height** 26.70, **Terminals** 3

NEW PRODUCT
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331948 Stator

14 **V**, 90 **Amp**, **ID** 91.80, **OD** 118.10, **Height** 30.00, **Terminals** 3

14 Volt



133203 Stator

Replacing: 021100-3791, 021100-3790, 021100-3581, 021100-3580, 021100-3340, 021100-2680, 021100-2490

Servicing: 100211-1200, 100211-1201, 100211-1210, 100211-1211, 100211-1212, 100211-1220, 100211-1221, 100211-1222, 100211-1223

14 **V**, 50/55/60 **Amp**, **ID** 83.00, **OD** 110.00, **Height** 24.50, **Terminals** 4



133748 Stator

Replacing: 021100-2650, 021100-1960

Servicing: 021000-0441, 021000-3650, 021000-5030, 021000-5180, 021000-7920, 021000-7931, 021000-7932, 021000-7940, 021000-7970

14 **V**, 45 **Amp**, **ID** 92.00, **OD** 124.15, **OD 2** 119.00, **Height** 22.00, **Terminals** 6



135138 Stator

Replacing: 021100-5200, 021100-4400, 021100-4390, 021100-4330, 021100-4230, 021100-3850, 021100-3520

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3410, 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020

14 **V**, 70/75/80 **Amp**, **ID** 91.00, **OD** 118.00, **OD 2** 115.50, **Height** 27.50, **Terminals** 4

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#Available while stock last, * Program development.

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135413 Stator

Replacing: 021100-4140, 021100-3490

Servicing: 100210-3780, 100211-8000, 100211-8110, 100211-8240, 100211-8300, 100211-8550, 100211-8560, 100211-8631, 100213-2272

14 **V**, 90 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 29.00, **Terminals** 4



135414 Stator

Replacing: 021100-4110, 021100-4080, 021100-3260

Servicing: 100211-6030, 100211-6031, 100211-6050, 100211-6051, 100211-6160, 100211-6310, 100211-6420, 100211-6492, 100213-2530

14 **V**, 120 **Amp**, **ID** 100.00, **OD** 130.00, **Height** 30.50, **Terminals** 4



135625 Stator

Replacing: 021100-3810, 021100-3800, 021100-3050, 021100-3000, 021100-2870, 021100-2860

Servicing: 100211-1280, 100211-1511, 100211-1512, 100211-1520, 100211-1540, 100211-1550, 100211-1560, 100211-1570, 100211-1571

14 **V**, 50 **Amp**, **ID** 77.00, **OD** 100.00, **OD 2** 97.00, **Height** 26.50, **Terminals** 4



135941 Stator

Replacing: 021100-3070, 021100-2892, 021100-2890, 021100-2702

Servicing: 100211-1600, 100211-1601, 100211-1610, 100211-1611, 100211-1620, 100211-1630, 100211-1640, 100211-1650, 100211-1661

14 **V**, 40 **Amp**, **ID** 70.00, **OD** 93.00, **Height** 24.50, **Terminals** 4



136907 Stator

Replacing: 021100-2360

Servicing: 100213-0230, 100213-0231, 100213-0250, 100213-0260, 100213-0280, 100213-0300, 100213-0610, 100213-0850, 100213-0860

14 **V**, 60 **Amp**, **ID** 97.00, **OD** 133.00, **OD 2** 128.00, **Height** 21.50, **Terminals** 8



137372 Stator

Replacing: 021100-2620, 021100-2380

Servicing: 100210-2660, 100210-2700, 100210-2710, 100210-2720, 100210-2730, 100210-2840, 100210-2900, 100210-3080, 100210-3230

14 **V**, 45 **Amp**, **ID** 91.00, **OD** 124.00, **OD 2** 118.00, **Height** 22.00, **Terminals** 7



137973 Stator

Replacing: 021100-0880, 021100-0600

Servicing: 021000-0351, 021000-0814, 021000-2840, 021000-2991, 021000-3040, 021000-3061, 021000-4110, 021000-4550, 021000-4560

14 **V**, 35 **Amp**, **ID** 82.00, **OD** 118.00, **OD 2** 114.00, **Height** 14.00, **Terminals** 6



138730 Stator

Replacing: 021100-3900

Servicing: 101211-2001, 101211-2011, 101211-2022, 101211-2040, 101211-2060, 101211-2090, 101211-2130, 101211-2270, 101211-2290

14 **V**, 60 **Amp**, **ID** 77.00, **OD** 100.00, **OD 2** 97.00, **Height** 26.00, **Terminals** 4



138758 Stator

Replacing: 021100-1090, 021100-0950

Servicing: 021000-0470, 021000-1321, 021000-1322, 021000-1330, 021000-1332, 021000-1340, 021000-1342, 021000-1343, 021000-1830

14 **V**, 40 **Amp**, **ID** 92.00, **OD** 132.50, **OD 2** 128.00, **Height** 21.00, **Terminals** 4



139322 Stator

Replacing: 021100-4870, 021100-2610

Servicing: 021000-9861, 100210-2220, 100210-2221, 100210-2350, 100210-2620, 100210-2660, 100210-2710, 100210-3230, 100210-3610

14 **V**, 40 **Amp**, **ID** 92.00, **OD** 124.00, **OD 2** 119.00, **Height** 22.50, **Terminals** 8



230908 Stator

Replacing: 021100-4100, 021100-4070, 021100-3890, 021100-3420

Servicing: 100211-4680, 100211-5070, 100211-5270, 100211-6010, 100211-6020, 100211-6060, 100211-6080, 100211-6100, 100211-6110

14 **V**, 100 **Amp**, **ID** 102.00, **OD** 130.00, **Height** 30.00, **Terminals** 4



231266 Stator

Replacing: 021100-4320

Servicing: 102211-5001, 102211-5002, 102211-5020, 102211-5021, 102211-5050, 102211-5051, 102211-5052, 102211-5090, 102211-5150

14 **V**, 70 **Amp**, **ID** 86.00, **OD** 111.00, **Height** 27.00, **Terminals** 4

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Available while stock last, * Program development.



231514 Stator

Replacing: 021100-2150

Servicing: 021000-6800, 021000-8220, 021000-8230, 021000-8231, 021000-8310, 021000-8311, 021000-8330, 021000-8340, 021000-9120

14 **V**, 55 **Amp**, **ID** 97.00, **OD** 132.00, **OD 2** 128.00, **Height** 21.00, **Terminals** 8



235223 Stator

Servicing: 021100-3500, 021100-3510, 021100-3930, 100211-8410, 100211-8860, 100213-1920, 101211-5020, 101211-5110, 101211-5240

14 **V**, 70/80 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 28.00, **Terminals** 4



235600 Stator

Servicing: 100211-8270, 100211-8380, 100211-8440, 100211-8630, 100211-8631, 100211-8632, 100211-8700, 100211-8960, 100213-2320

14 **V**, 100 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 28.00, **Terminals** 4

NEW PRODUCT
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236334 Stator

Servicing: 104210-1060, 104210-3050, 104210-3051, 104210-3052, 104210-3060, 104210-5800

14 **V**, 130 **Amp**, **ID** 99.70, **OD** 128.40, **Height** 32.10, **Terminals** 3



237417 Stator

Servicing: 100213-2350, 100213-2351, 102211-8000, 102211-8190

14 **V**, 70 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 29.50, **Terminals** 3



239981 Stator

Servicing: 101210-0160, 101210-0161, 101210-0162, 102211-8660, 102211-8661, 102211-8662

14 **V**, 130 **Amp**, **ID** 100.00, **OD** 130.00, **Height** 33.50, **Terminals** 3



330893 Stator

Servicing: 101210-0990, 102211-8270

14 **V**, 140 **Amp**, **ID** 100.00, **OD** 130.08, **Height** 33.10, **Terminals** 3

NEW PRODUCT
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330957 Stator

Servicing: 104210-9010, 104210-9011

14 **V**, 80 **Amp**, **ID** 87.00, **OD** 110.78, **Height** 26.40, **Terminals** 3

28 Volt



137051 Stator

Replacing: 021100-5250, 021100-5210, 021100-4360, 021100-3381

Servicing: 100211-7170, 100211-7370, 100211-7380, 100211-7670, 100211-7850, 100211-7880, 101211-0260, 101211-0261, 101211-0262

28 **V**, 30 **Amp**, **ID** 89.00, **OD** 118.00, **Height** 26.50, **Terminals** 4



138667 Stator

Replacing: 021100-0750, 021100-0630, 021100-0570

Servicing: 021000-2422, 021000-2532, 021000-2542, 021000-3021, 021000-4630, 021000-7000, 021000-7040, 021000-7310, 021000-7320

28 **V**, 15 **Amp**, **ID** 91.00, **OD** 132.50, **OD 2** 128.00, **Height** 21.00, **Terminals** 4

Brackets

D.E. Brackets



133905 D.E. Bracket

Replacing: 021401-3671, 021401-3670

Servicing: 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020, 100211-1021, 100211-1040, 100211-1041, 100211-1060

Bearing: HC-CARGO 140239.

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136002 D.E. Bracket

Replacing: 028300-6701

Bearing: HC-CARGO 142315.



136136 D.E. Bracket

Replacing: 021401-3990

Servicing: 100211-2250, 100211-3520, 100211-3680

Bearing: HC-CARGO 140239.



136137 D.E. Bracket

Replacing: 021401-4671, 021401-4670

Servicing: 100211-3090, 100211-3091, 100211-3101, 100211-3141, 100211-3151, 100211-3180, 100211-3181, 100211-3221, 100211-3401

Bearing: HC-CARGO 140462.



136239 D.E. Bracket

Replacing: 021401-3750

Servicing: 100211-1210, 100211-1211, 100211-1212, 100211-1220, 100211-1221, 100211-1222, 100211-1223, 100211-1224, 100211-1310

Bearing: HC-CARGO 140239.



136244 D.E. Bracket

Replacing: 021401-4360

Servicing: 100211-4080, 100211-4120, 100211-4180, 100211-4390, 100211-6690, 100211-6801, 100211-9320, 100211-9330, 100211-9331

Bearing: HC-CARGO 142272.



136335 D.E. Bracket

Replacing: 021401-2931

Servicing: 100211-1400, 100211-1401, 100211-1402

Bearing: HC-CARGO 142272.



136336 D.E. Bracket

Replacing: 021401-3680

Servicing: 100211-1080, 100211-1081, 100211-1110, 100211-1111, 100211-2010, 100211-2011, 100211-2030, 100211-2031, 100211-2140

Bearing: HC-CARGO 142276.



136446 D.E. Bracket

Replacing: 021401-4290

Servicing: 100211-1280, 100211-1560, 100211-4170, 100211-4280, 100211-4290, 100211-6860, 101211-2060, 101211-2130, 101211-3030

Bearing: HC-CARGO 140461.



136569 D.E. Bracket

Replacing: 021401-4310, 021401-4100

Servicing: 100211-1540, 100211-1550, 100211-1570, 100211-1571, 100211-4000, 100211-4001, 100211-4002, 100211-4003, 100211-4004

Bearing: HC-CARGO 142272.



136577 D.E. Bracket

Replacing: 021401-3651, 021401-3650, 021401-3340, 021401-3050, 021400-4750

Servicing: 100211-1030, 100211-1031, 100211-1050, 100211-1070, 100211-1071, 100211-1072, 100211-1073, 100211-1074, 100211-1090

Bearing: HC-CARGO 142276. Bearing plate: HC-CARGO 139935.



136754# D.E. Bracket

Replacing: 021401-5560

Servicing: 100211-8150, 100211-8151, 100211-8170, 100211-8190, 100211-8260, 100211-8690, 100211-8710, 100211-8730, 100211-8740

Bearing: HC-CARGO 140460.



137366# D.E. Bracket

Replacing: 021401-5230

Servicing: 100211-8030, 100211-8031, 100211-8350, 100211-8480

Bearing: HC-CARGO 140460.

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#Available while stock last, * Program development.



137425 D.E. Bracket

Replacing: 021400-2290
Servicing: 021000-3650, 021000-5030, 021000-5180, 021000-7920, 021000-7931, 021000-7932, 021000-7940, 021000-7970, 021000-7971
Bearing: HC-CARGO 142269.



137431 D.E. Bracket

Replacing: 021400-1760
Servicing: 021000-6610, 021000-6611, 021000-6612, 021000-6630, 021000-6631, 021000-6632, 021000-6640, 021000-6641, 021000-6642
Bearing: HC-CARGO 142269.



137449 D.E. Bracket

Replacing: 021400-8650, 021400-2920
Servicing: 100210-2370, 100210-2380, 100210-2600, 100210-2750, 100210-2820, 100210-3040, 100210-3250, 100210-3270, 100210-3360
Bearing: HC-CARGO 142275.



137451 D.E. Bracket

Replacing: 021401-4021
Servicing: 100211-1620, 100211-4410
Bearing: HC-CARGO 140461.



137651 D.E. Bracket

Replacing: 021401-7240, 021400-9100, 021400-8900
Servicing: 101211-5100, 101211-5120, 101211-5130, 101211-5170, 101211-9200, 101211-9360, 101211-9520, 101211-9540
Bearing: HC-CARGO 140460.



137654 D.E. Bracket

Replacing: 021401-4900
Servicing: 100211-8000, 100211-8010, 100211-8020, 100211-8050, 100211-8060, 100211-8090, 100211-8110, 100211-8120, 100211-8130
Bearing: HC-CARGO 140460.



137660 D.E. Bracket

Replacing: 021401-4030
Servicing: 100211-1520, 100211-4140, 100211-4141, 100211-4160, 100211-4320, 100211-6040, 100211-6640, 100211-6750, 100211-6790
Bearing: HC-CARGO 140461.



137661 D.E. Bracket

Replacing: 021401-5510
Servicing: 100211-6920, 100211-9190
Bearing: HC-CARGO 140461.



137676 D.E. Bracket

Replacing: 021401-8020, 021401-6950
Servicing: 100211-8860, 100211-8861, 101211-5720, 101211-9240
Bearing: HC-CARGO 142075.



137681 D.E. Bracket

Replacing: 021401-7901, 021401-7900, 021401-4851, 021401-4850
Servicing: 100211-3081, 100211-3321, 100211-7170, 100211-7370, 100211-7380, 100211-7460, 100211-7580, 100211-7590, 100211-7600
Bearing: HC-CARGO 140462.



137683 D.E. Bracket

Replacing: 021401-5280
Servicing: 100211-3370, 100211-5730, 100211-6660, 100211-6730, 101211-2780, 101211-2941, 101211-3370, 101211-3770
Bearing: HC-CARGO 142272.



137685# D.E. Bracket

Replacing: 021401-5641, 021401-5640
Servicing: 100211-5060, 100211-5080, 100211-5110, 100211-5260, 100211-5300, 100213-1050, 100213-1130, 100213-1230, 100213-1920
Bearing: HC-CARGO 140239.

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137804 D.E. Bracket

Replacing: 021401-5632, 021401-5631, 021401-5630, 021400-6910

Servicing: 100211-5040, 100211-5050, 100211-5090, 100211-5250, 100211-5251, 100211-5310, 100213-0941, 100213-1030, 100213-1040

Bearing: HC-CARGO 142269.



137806# D.E. Bracket

Replacing: 021400-3191

Servicing: 100210-2760, 100213-0260, 100213-0280, 100213-0300, 100213-0610, 100213-0750, 100213-0760, 100213-0850, 100213-0860

Bearing: HC-CARGO 142275.



138677 D.E. Bracket

Replacing: 021400-2450, 021400-2310, 021400-2250, 021400-1100, 021400-1090, 021400-0393

Servicing: 021000-0351, 021000-0814, 021000-1603, 021000-2840, 021000-2991, 021000-3040, 021000-3061, 021000-4110, 021000-4550

Bearing: HC-CARGO 142272.



138748 D.E. Bracket

Replacing: 021400-2810

Servicing: 021000-9861, 100210-2220, 100210-2221, 100210-2840, 100210-3280, 100210-3287, 100210-3720, 121000-1480, 121000-2740

Bearing: HC-CARGO 142275.



139055 D.E. Bracket

Replacing: 021401-6041, 021401-6040, 021400-7301

Servicing: 100211-8380, 100211-8440, 100211-8870, 101211-5460

Bearing: HC-CARGO 140460.



139162 D.E. Bracket

Replacing: 021401-3951

Servicing: 100211-1610, 100211-1611, 100211-1630, 100211-1640, 100211-1650, 100211-1661, 100211-1662, 100211-1670, 100211-1680

Bearing: HC-CARGO 142272.



139178 D.E. Bracket

Replacing: 021400-1991, 021400-1990

Servicing: 021000-6670, 021000-6671, 021000-6800, 021000-8230, 021000-8231, 100211-0580, 100211-0581

Bearing: HC-CARGO 142269.



139179 D.E. Bracket

Replacing: 021401-6631, 021401-6630

Servicing: 100211-9740, 100211-9750, 100211-9760, 100211-9770, 101211-0220, 101211-0230, 101211-0240, 101211-0250, 101211-0300

Bearing: HC-CARGO 140239.



139180 D.E. Bracket

Replacing: 021400-8640, 021400-2910

Servicing: 100210-2350, 100210-2360, 100210-2660, 100210-2700, 100210-2810, 100210-3080, 100210-3350, 100210-3660, 100210-3760

Bearing: HC-CARGO 142275.



139182 D.E. Bracket

Replacing: 021401-5270

Servicing: 100211-8070, 100211-8100, 100211-8300, 100211-8392, 100211-8431, 100211-8490, 100211-8530, 100211-8570, 100211-8680

Bearing: HC-CARGO 140460.



139226 D.E. Bracket

Replacing: 021401-6830

Servicing: 100211-8660, 100211-8670, 101211-5020, 101211-5240, 101211-5380, 101211-9280, 101211-9500, 102211-1200, 102211-1210

Bearing: HC-CARGO 140460.



139270# D.E. Bracket

Replacing: 021401-3131

Servicing: 100211-1210, 100211-1211, 100211-1212, 100211-1220, 100211-1221, 100211-1222, 100211-1223, 100211-1224, 100211-1310

Bearing: HC-CARGO 142270.

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#Available while stock last, * Program development.



139272 D.E. Bracket

Replacing: 021401-3011

Servicing: 100211-1200, 100211-1201, 100211-1230, 100211-1231, 100211-1260, 100211-1261, 100211-1270, 100211-1271, 100211-1320

Bearing: HC-CARGO 140239.



139491 D.E. Bracket

Replacing: 021401-4830

Servicing: 100211-3352, 100211-7000, 100211-7050, 100211-7051, 100211-7052, 100211-7270

Bearing: HC-CARGO 140462.



139891# D.E. Bracket

Replacing: 021401-3210

Servicing: 100211-1410, 100211-1470

Bearing: HC-CARGO 142272.



139937 D.E. Bracket

Replacing: 021401-5380

Servicing: 100211-7340, 100211-7350, 100211-9860, 100211-9870

Bearing: HC-CARGO 140239.



230298 D.E. Bracket

Replacing: 021401-3871, 021401-3870

Servicing: 100211-2110, 100211-2160, 100211-3200, 100211-3210

Bearing: HC-CARGO 141018.



230299# D.E. Bracket

Replacing: 021401-6740

Servicing: 100211-9800, 101211-0380, 101211-0381, 101211-0851

Bearing: HC-CARGO 140462.



230495 D.E. Bracket

Replacing: 021401-6731, 021401-6730

Servicing: 100211-9790, 101211-0060, 101211-0061, 101211-0062, 101211-0120, 101211-0180, 101211-0181, 101211-0182, 101211-4200

Bearing: HC-CARGO 140462.



230572 D.E. Bracket

Replacing: 021401-4681, 021401-4680

Servicing: 100211-3300, 100211-3310, 100211-3311, 100211-7530, 100211-7760, 100211-7770, 100211-7810, 100211-7811, 100211-9830

Bearing: HC-CARGO 140239.



230862 D.E. Bracket

Replacing: 021401-5401, 021401-5400

Servicing: 100211-5031, 100213-1011

Bearing: HC-CARGO 140239.



231232 D.E. Bracket

Replacing: 021401-6441

Servicing: 100211-5120, 100211-5200, 100211-5220, 100213-1240, 100213-1730, 100213-1770, 100213-2920, 102211-5120, 102211-5200

Bearing: HC-CARGO 140239.



231233 D.E. Bracket

Replacing: 021401-5980

Servicing: 100211-6110, 100211-6360

Bearing: HC-CARGO 142075.



231515# D.E. Bracket

Replacing: 021401-3760

Servicing: 100211-1200, 100211-1201, 100211-1230, 100211-1231, 100211-1260, 100211-1261, 100211-1270, 100211-1271, 100211-1320

Bearing: HC-CARGO 140239. Bearing plate: HC-CARGO 139936.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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231604[#] D.E. Bracket

Replacing: 27310-24071, 021400-1940
Servicing: 021000-8220, 021000-8221, 021000-8250, 021000-8330, 121000-7030
Bearing: HC-CARGO 142269.



231641[#] D.E. Bracket

Replacing: 021401-5570
Servicing: 121000-4000, 121000-4010, 121000-4030, 121000-4040, 121000-4050, 121000-4060, 121000-4070, 121000-4080, 121000-4090
Bearing: HC-CARGO 142075.



231785[#] D.E. Bracket

Replacing: 021401-4551, 021401-4550
Servicing: 100211-7320, 121000-2500
Bearing: HC-CARGO 140239.



232388 D.E. Bracket

Replacing: 021401-5530
Servicing: 121000-3000, 121000-3100, 121000-3300, 121000-3310, 121000-3330, 121000-3334, 121000-3360, 121000-3370, 121000-3380
Bearing: HC-CARGO 142075.



233128 D.E. Bracket

Servicing: 100213-2350, 100213-2351
Bearing: HC-CARGO 142269.



233549[#] D.E. Bracket

Replacing: 021401-8251
Servicing: 102211-5011, 102211-5012, 102211-5020, 102211-5021, 102211-5070, 102211-5140, 102211-5150, 102211-5151, 102211-5160
Bearing: HC-CARGO 142276.



233704 D.E. Bracket

Servicing: 100211-6030, 100211-6031, 100211-6050, 100211-6051, 100211-6420, 100211-6492
Bearing: HC-CARGO 142075.



234181[#] D.E. Bracket

Servicing: 100211-9880
Bearing: HC-CARGO 140462.



234566 D.E. Bracket

Servicing: A115I, 102211-8030, 102211-8031, 102211-8060, 102211-8061, 102211-8070, 102211-8071, 102211-8080, 102211-8081
Bearing: HC-CARGO 142270.



234638 D.E. Bracket

Servicing: A115I, 102211-8230
Bearing: HC-CARGO 142270.



235062 D.E. Bracket

Replacing: 021401-8320
Servicing: 102211-5050, 102211-5051, 102211-5052
Bearing: HC-CARGO 140239.



235260 D.E. Bracket

Replacing: 021401-6454, 021401-6453, 021401-6452, 021401-6451
Servicing: 100211-5130, 100211-5210, 100211-5230, 100211-5231, 100213-1250, 100213-1740, 100213-1780, 100213-1781, 100213-2470
Bearing: HC-CARGO 142269. Bearing plate: HC-CARGO 230907.

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[#]Available while stock last, ***** Program development.



235291 D.E. Bracket

Replacing: 021401-8930

Servicing: 102211-1950, 102211-1951, 102211-1960, 102211-2770, 102211-9070, 102211-9100

Bearing: HC-CARGO 142075.



236789# D.E. Bracket

Replacing: 021401-8780

Servicing: 102211-5260, 102211-5380, 102211-5650, 102211-5930, 102211-5940

Bearing: HC-CARGO 142276.



237604 D.E. Bracket

Servicing: 104210-2710, 104210-3511, 104210-3512, 104210-3513, 104210-3520, 104210-3521, 104210-3522, 104210-3523

Bearing: HC-CARGO 141233. Bearing plate: HC-CARGO 139936.

S.R.E. Brackets



136147 S.R.E. Bracket

Replacing: 021501-6210, 021501-4800, 021501-4781, 021501-4780, 021501-4770, 021501-4520

Servicing: 100211-1030, 100211-1031, 100211-1040, 100211-1041, 100211-1050, 100211-1080, 100211-1081, 100211-1090, 100211-1091

Bearing: HC-CARGO 140273.



136148 S.R.E. Bracket

Replacing: 021501-6260, 021501-4910, 021501-4810, 021501-4200

Servicing: 100211-1210, 100211-1211, 100211-1212, 100211-1260, 100211-1261, 100211-1270, 100211-1271, 100211-1310, 100211-1311

ID/ bearing hole 35.00



136394# S.R.E. Bracket

Replacing: 021501-5150

Servicing: 100211-1220, 100211-1330, 100211-1331, 100211-2221, 100211-2231, 100211-2290, 100211-3640

ID/ bearing hole 35.00



136563 S.R.E. Bracket

Replacing: 021500-4821

Servicing: 100210-2370, 100210-2380, 100210-2600, 100210-2750, 100210-2820, 100210-3040, 100210-3250, 100210-3270, 100210-3360

ID/ bearing hole 44.40



136567# S.R.E. Bracket

Replacing: 021501-4860, 021501-4190

Servicing: 100211-1021, 100211-1061, 100211-1200, 100211-1201, 100211-1230, 100211-1231, 100211-2370, 100211-2380

ID/ bearing hole 34.00



136758 S.R.E. Bracket

Replacing: 021501-8130, 021501-6550

Servicing: 100211-8020, 100211-8060, 100211-8070, 100211-8380, 100211-8410, 100211-8420, 100211-8440, 100211-8540, 100211-8610

ID/ bearing hole 34.00



137367# S.R.E. Bracket

Replacing: 021501-6560

Servicing: 100211-8030, 100211-8031, 100211-8350, 100211-8480

ID/ bearing hole 35.00



137424 S.R.E. Bracket

Replacing: 021501-2880

Servicing: 021000-3650, 021000-5030, 021000-5180, 021000-7920, 021000-7931, 021000-7932, 021000-7940, 021000-7961, 021000-7970

ID/ bearing hole 32.00



137430# S.R.E. Bracket

Replacing: 021501-2830, 021500-3251

Servicing: 021000-0140, 021000-6610, 021000-6611, 021000-6612, 021000-6631, 021000-6632, 021000-6641, 021000-6642, 021000-6643

ID/ bearing hole 36.00

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137432 S.R.E. Bracket

Replacing: 021501-2272

Servicing: 021000-6610, 021000-6611, 021000-6612, 021000-6630, 021000-6640, 021000-6710, 021000-8870, 021000-8910

ID/ bearing hole 32.00



137649# S.R.E. Bracket

Replacing: 021501-6100

Servicing: 100211-3300, 100211-3310, 100211-3311, 100211-7530, 100211-7760, 100211-7770, 100211-7810, 100211-7811, 100211-9830

ID/ bearing hole 35.00



137652 S.R.E. Bracket

Replacing: 021501-8920, 021501-6301

Servicing: 100211-8000, 100211-8010, 100211-8050, 100211-8090, 100211-8100, 100211-8110, 100211-8120, 100211-8130, 100211-8240

ID/ bearing hole 35.00



137656 S.R.E. Bracket

Replacing: 021501-5250

Servicing: 100211-1511, 100211-1512, 100211-1580, 100211-1590, 100211-4080, 100211-4120, 100211-4180, 100211-4220, 100211-4230

ID/ bearing hole 32.00



137659 S.R.E. Bracket

Replacing: 021501-5330

Servicing: 100211-1280, 100211-1520, 100211-1560, 100211-3370, 100211-4140, 100211-4141, 100211-4160, 100211-4170, 100211-4280

ID/ bearing hole 32.00



137665# S.R.E. Bracket

Replacing: 021501-5030, 021501-4840, 021501-3950

Servicing: 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020, 100211-1021, 100211-1060, 100211-1061, 100211-1121

ID/ bearing hole 35.00



137674 S.R.E. Bracket

Replacing: 021501-6690

Servicing: 100211-6030, 100211-6031, 100211-6050, 100211-6051, 100211-6090, 100211-6120, 100211-6200, 100211-6210, 100211-6230

ID/ bearing hole 35.75



137678# S.R.E. Bracket

Replacing: 021200-6770

Servicing: 100211-8150, 100211-8151, 100211-8170, 100211-8270, 100211-8700, 100211-8710, 102211-1240

ID/ bearing hole 35.70



137680 S.R.E. Bracket

Replacing: 021501-9190, 021501-6221, 021501-6220, 021501-6110

Servicing: 100211-1060, 100211-1140, 100211-3101, 100211-3141, 100211-3151, 100211-3221, 100211-3321, 100211-3410, 100211-7040

ID/ bearing hole 35.00



137686 S.R.E. Bracket

Replacing: 021501-6700

Servicing: 100211-5031, 100211-5060, 100211-5080, 100211-5110, 100211-5120, 100211-5190, 100211-5200, 100211-5220, 100211-5260

ID/ bearing hole 35.00



137688 S.R.E. Bracket

Replacing: 021500-4680

Servicing: 021000-9861, 100210-2220, 100210-2221, 100210-2840, 100210-3280, 100210-3287, 100210-3720, 121000-1480, 121000-2740

ID/ bearing hole 42.00



137805# S.R.E. Bracket

Replacing: 021500-5072

Servicing: 100210-2760, 100213-0260, 100213-0280, 100213-0300, 100213-0610, 100213-0750, 100213-0760, 100213-0850, 100213-0860

ID/ bearing hole 43.00

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137807 S.R.E. Bracket

Replacing: 021501-4361, 021501-4360

Servicing: 021000-0441, 121000-0430, 121000-0431, 121000-0432, 121000-0440, 121000-0441, 121000-2970, 121000-7500, 121000-7501

ID/ bearing hole 32.00



137808# S.R.E. Bracket

Replacing: 021501-8450

Servicing: 101211-5120

ID/ bearing hole 34.00



138192 S.R.E. Bracket

Replacing: 021501-3691

Servicing: 021000-6771, 021000-6772, 121000-1010, 121000-1011, 121000-1012

ID/ bearing hole 32.00



138678 S.R.E. Bracket

Replacing: 021501-5080, 021500-5081, 021500-5080, 021500-4721, 021500-4720

Servicing: 021000-9851, 021000-9930, 021000-9931, 021000-9960, 100210-2250, 100210-2251, 100210-2280, 100210-2350, 100210-2360

ID/ bearing hole 43.00



138749 S.R.E. Bracket

Replacing: 273597-4130, 021501-9800, 021501-6971, 021501-6970

Servicing: 100211-7640, 100211-7780, 100211-7910, 101211-0100

ID/ bearing hole 35.00



139080 S.R.E. Bracket

Replacing: 021501-4161, 021501-4160

Servicing: 021000-8270, 021000-8271, 021000-8310, 021000-8311, 121000-7050

ID/ bearing hole 32.00



139227 S.R.E. Bracket

Replacing: 021501-5280

Servicing: 028000-7091, 028000-7092, 028000-7093, 100211-1610, 100211-1611, 100211-1630, 100211-1640, 100211-1650, 100211-1661

ID/ bearing hole 32.00



139596 S.R.E. Bracket

Replacing: 021501-7461, 021500-6081

Servicing: 100211-7861

ID/ bearing hole 35.00



230156 S.R.E. Bracket

Replacing: 021501-4831, 021501-4830, 021501-4351

Servicing: 100211-1400, 100211-1401, 100211-1402, 100211-1410, 100211-1411, 100211-1420, 100211-1451, 100211-1452, 100211-1453

ID/ bearing hole 32.00



230238 S.R.E. Bracket

Replacing: 021501-6240, 021501-6201, 021501-6200

Servicing: 100211-3081, 100211-3091, 100211-3181, 100211-3391, 100211-3401, 100211-5021, 100211-5040, 100211-5050, 100211-5090

ID/ bearing hole 35.00



230301# S.R.E. Bracket

Replacing: 021501-7851, 021501-7850

Servicing: 100211-9800, 101211-0380, 101211-0381, 101211-0851

ID/ bearing hole 35.00



230470 S.R.E. Bracket

Replacing: 021501-2070, 021501-1830, 021500-5060, 021500-1802

Servicing: 021000-0351, 021000-2840, 021000-2991, 021000-3040, 021000-4550, 021000-5490, 021000-6370, 021000-6851, 021000-7250

ID/ bearing hole 32.00

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230496 S.R.E. Bracket

Replacing: 021501-7841, 021501-7840

Servicing: 100211-9790, 101211-0060, 101211-0061, 101211-0062, 101211-0120, 101211-0180, 101211-0181, 101211-0182, 101211-0430

ID/ bearing hole 35.00



230670 S.R.E. Bracket

Replacing: 021501-9220

Servicing: 100211-0320, 100211-0321, 100211-0322, 100213-2470, 100213-2471, 100213-2580, 101211-0260, 101211-0261, 101211-0262

ID/ bearing hole 35.00



231230[#] S.R.E. Bracket

Replacing: 021501-6580

Servicing: 100210-3380, 100210-3381, 100210-3470, 100210-3480, 100210-3780, 100211-5150, 100211-5290, 100213-1270, 100213-2230

ID/ bearing hole 35.00



231234 S.R.E. Bracket

Replacing: 021501-7190

Servicing: 100211-6110, 100211-6221, 100211-6270

ID/ bearing hole 35.00



231769 S.R.E. Bracket

Replacing: 021501-5900

Servicing: 100211-1670, 100211-4520, 100211-4528, 100211-4610, 100211-4640, 100211-4650, 100211-4740, 100211-4770, 101211-1180

ID/ bearing hole 32.00



233548 S.R.E. Bracket

Replacing: 021501-9731

Servicing: 102211-5011, 102211-5012, 102211-5020, 102211-5021, 102211-5060, 102211-5070, 102211-5150, 102211-5151, 102211-5160

ID/ bearing hole 35.00



233707 S.R.E. Bracket

Replacing: 121501-0640

Servicing: 102211-1670, 102211-1680

ID/ bearing hole 35.00



234538 S.R.E. Bracket

Replacing: 021501-8460, 021501-6770

Servicing: 100211-8150, 100211-8190, 100211-8260, 100211-8690, 100211-8710, 100211-8730, 100211-8740, 100211-8770, 100211-8790

ID/ bearing hole 35.00



235061 S.R.E. Bracket

Replacing: 021501-9880

Servicing: 102211-5050, 102211-5051, 102211-5052, 102211-5090

ID/ bearing hole 35.00



235125[#] S.R.E. Bracket

Servicing: 100211-1600, 100211-1601, 100211-4400

ID/ bearing hole 10.50



235289 S.R.E. Bracket

Replacing: 121501-0780

Servicing: 102211-1950, 102211-1951, 102211-1960, 102211-2770, 102211-2780, 102211-9070, 102211-9100

ID/ bearing hole 35.00



235525 S.R.E. Bracket

Servicing: 121000-4160, 121000-4161, 121000-4320, 121000-4330, 121000-4331

All measurements are in mm, unless else stated.

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[#]Available while stock last, ***** Program development.



236791[#] S.R.E. Bracket

Replacing: 121501-0600

Servicing: 102211-5260, 102211-5380, 102211-5930, 102211-5940



237605 S.R.E. Bracket

Servicing: 104210-2710, 104210-3511, 104210-3512, 104210-3520, 104210-3521, 104210-3522



330284 S.R.E. Bracket

Servicing: 104210-3711

ID/ bearing hole 23.90

Bracket Parts

Mounting Bushings

Pkg. 5



133752 Mounting Bushing

Replacing: 021541-1081, 021541-1080, 021541-0721

Servicing: 100210-2760, 100213-0260, 100213-0300, 100213-0610, 100213-0750, 100213-0760, 100213-0850, 100213-0860, 100213-0950

OD 18.30, **OD/ collar** 21.35, **Length** 23.00, **Height/ collar** 4.80

Pkg. 10



134276 Mounting Bushing

ID 10.50, **OD** 17.00/22.00, **OD/ collar** 22.00, **Length** 15.00, **Height/ collar** 3.20

Pkg. 10



134277 Mounting Bushing

ID 10.00, **OD** 16.50, **Length** 15.30

Pkg. 10



134278 Mounting Bushing

ID 8.60, **OD** 15.30, **Length** 15.30

Pkg. 10



135281[#] Mounting Bushing

ID 8.30, **OD** 17.00/22.00, **Length** 15.00, **Height/ collar** 3.20

Pkg. 5



137801 Mounting Bushing

Replacing: 021541-0630

Servicing: 021000-2522, 021000-2532, 021000-2542, 021000-4580, 021000-4630, 021000-5310, 021000-7000, 021000-7040, 021000-7320

ID 10.00, **OD** 18.30, **Length** 18.00

Pkg. 10



231309 Mounting Bushing

Replacing: 021541-0581

Servicing: 021000-0441, 021000-3630, 021000-3641, 021000-5020, 021000-5030, 021000-5040, 021000-5046, 021000-5051, 021000-5060

ID 10.10, **OD** 18.30, **Length** 15.40

Pkg. 5



231520 Mounting Bushing

Replacing: 021541-0790, 021541-0321, 021541-0320, 021541-0231

Servicing: 021000-0351, 021000-0812, 021000-0813, 021000-0814, 021000-1083, 021000-1242, 021000-1602, 021000-1608, 021000-2490

ID 8.40, **OD** 13.40, **Length** 15.40

Bearing Retainer Plates



139935 Bearing Plate

Replacing: 021411-0400

Servicing: 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020, 100211-1021, 100211-1030, 100211-1031, 100211-1040

ID 32.00, **OD** 49.00x49.00, **Thickness** 1.60, **Dist. mount. holes** 35.00, **No./ mount. holes** 4, **Gasket** w/o

Bearing: O.D. 43.00 mm.

All measurements are in mm, unless else stated.

[#]Available while stock last, ***** Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



139936 Bearing Plate

Replacing: 021411-0450

Servicing: 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020, 100211-1021, 100211-1030, 100211-1031, 100211-1040

ID 34.00, **OD** 52.50x52.50, **Thickness** 1.70, **Dist. mount. holes** 38.00, **No./ mount. holes** 4

Bearing: O.D. 46.00 mm.

Pkg. 5



230716 Bearing Plate

Replacing: 021411-0560

Servicing: 100211-1040, 100211-1041, 100211-3050, 100211-3081, 100211-3090, 100211-3091, 100211-3101, 100211-3141, 100211-3151

ID 36.70, **OD** 59.00x59.00, **Thickness** 1.60, **Dist. mount. holes** 42.00, **No./ mount. holes** 4

Bearing: O.D. 52.00 mm.



230907 Bearing Plate

Replacing: 021411-0480

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3380, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3700

ID 30.00, **OD** 48.00x48.00, **Thickness** 2.85, **Dist. mount. holes** 42.00, **No./ mount. holes** 4, **Gasket** w/o

Pkg. 10



230996# Bearing Plate

Replacing: 021411-0500

Servicing: 100211-1440, 100211-1511, 100211-1512, 100211-1520, 100211-1540, 100211-1550, 100211-1560, 100211-1570, 100211-1571

ID 28.00, **OD** 43.60x44.90, **Thickness** 2.00, **Dist. mount. holes** 33.30, **No./ mount. holes** 4, **Gasket** w/o

Pkg. 5



231517# Bearing Plate

Replacing: 021411-0280

Servicing: 021000-0351, 021000-0812, 021000-0813, 021000-0814, 021000-1083, 021000-1242, 021000-1602, 021000-1608, 021000-2490

ID 21.00, **OD** 39.00x39.00, **Thickness** 1.60, **No./ mount. holes** 3, **Gasket** w/o

Pkg. 10



231518 Bearing Plate

Replacing: 021411-0320

Servicing: 021000-9850, 021000-9851, 021000-9861, 021000-9930, 021000-9931, 021000-9960, 021000-9980, 100210-2211, 100210-2220

ID 30.60, **OD** 57.00x57.00, **Thickness** 1.55, **No./ mount. holes** 3, **Gasket** w/o

Bearing Springs

Pkg. 10



140439 Washer

Replacing: 021542-0050

Servicing: 100211-1520, 100211-1560, 100211-1570, 100211-1571, 100211-1620, 100211-1630, 100211-1670, 100211-4050, 100211-4111

ID 26.50, **OD** 31.70, **Thickness** 0.40, **Material** Steel

Bearing spring.

Various



133678 Threaded Spacer

Replacing: 021543-0020

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3380, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3780

Thread size/ external M5, **Total length** 21.00

Pkg. 10



134767 Felt

Servicing: 021000-2422, 021000-7310, 021000-7570, 021000-8830, 021000-8890, 021000-8892, 100210-0441, 100210-0442, 100210-0482

ID 15.00, **OD** 45.00, **Height/ thickness** 5.00

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.

Pkg. 5



137452 Spacer

Replacing: 021045-0530

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3380, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3700

ID 10.60, **OD** 21.00, **Thickness** 2.70, **Material** Steel

Pkg. 10



139228 S.R.E. Mounting Stud

Replacing: 021543-0170, 021543-0140

Servicing: 100211-5190, 100211-8392, 100211-8490, 100211-8860, 100211-8861, 100211-9880, 100213-1570, 101211-0580, 101211-0581

Thread size/ external M5, **Total length** 22.50

Pkg. 10



139239 S.R.E. Mounting Stud

Replacing: 021543-0030

Servicing: 100211-3040, 100211-3300, 100211-3310, 100211-3311, 100211-5190, 100211-7760, 100211-7770, 100211-7810, 100211-7811

Thread size/ external M5, **Total length** 17.00

Pkg. 5



231370# Spacer

Replacing: 021045-0060

Servicing: 021000-0430, 021000-0441, 021000-3630, 021000-3641, 021000-5020, 021000-5030, 021000-5040, 021000-5046, 021000-5060

ID 17.00, **OD** 32.70, **Height** 9.50

Pkg. 5



231507# Spacer

Replacing: 021045-0470

Servicing: 100210-2760, 100213-0260, 100213-0280, 100213-0300, 100213-0610, 100213-0750, 100213-0760, 100213-0850, 100213-0860

ID 20.00, **OD** 28.90, **Height** 8.30

Pkg. 5



232788 Washer

Replacing: 021506-0070

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3380, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3700

ID 15.00, **OD** 22.00, **Thickness** 0.50, **Material** Steel

Pkg. 5



232789 Washer

Servicing: 021542-0160, 100210-3470, 100210-3480, 100211-1040, 100211-1041, 100211-1090, 100211-1091, 100211-1141, 100211-1150

ID 15.40, **OD** 26.00, **Thickness** 0.25, **Material** Steel

Pkg. 5



232790 Waved Washer

Replacing: 021542-0220, 021542-0160, 021542-0120, 021542-0041

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3380, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3700

ID 24.50, **OD** 35.20, **Thickness** 0.75, **Material** Steel

Pkg. 10



236303 Gasket

Servicing: 100211-1040, 100211-1041, 100211-1090, 100211-1091, 100211-1141, 100211-1150, 100211-1200, 100211-1201, 100211-1230

ID 37.50, **OD** 44.00, **Thickness** 1.50, **Width** 3.24, **Material** Rubber

Pkg. 10



236770 Gasket

Servicing: 100211-2231, 100211-2290, 100211-3600, 100211-3880, 102211-2310, 102211-2810, 104210-2730, 104210-3290, 104210-3291

ID 40.00, **OD** 46.60, **Thickness** 1.50, **Material** Rubber

Covers



133674 S.R.E. Cover

Replacing: 021551-2940, 021551-2010, 021551-0950, 021551-0841, 021551-0840

Servicing: 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020, 100211-1021, 100211-1030, 100211-1031, 100211-1040



135967 S.R.E. Cover

Replacing: 021551-1200

Servicing: 100211-1600, 100211-1601, 100211-1620, 100211-4400, 100211-4410, 100211-4540, 100211-4710, 100211-4780, 101211-1240

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



136057 S.R.E. Cover

Replacing: 021551-1170, 021551-0850

Servicing: 100211-1200, 100211-1201, 100211-1210, 100211-1211, 100211-1212, 100211-1230, 100211-1231, 100211-1260, 100211-1261



136059 S.R.E. Cover

Replacing: 021551-1190

Servicing: 100211-1280, 100211-1520, 100211-1550, 100211-1560, 100211-1570, 100211-1571, 100211-4070, 100211-4111, 100211-4112



136060 S.R.E. Cover

Replacing: 021551-2230, 021551-1251

Servicing: 100211-1100, 100211-1101, 100211-1130, 100211-1131, 100211-1160, 100211-1161, 100211-2420, 100211-2490, 100211-3120



136061 S.R.E. Cover

Replacing: 021551-2280, 021551-2210, 021551-2050, 021551-1480

Servicing: 100211-0120, 100211-5031, 100211-5060, 100211-5080, 100211-5110, 100211-5120, 100211-5150, 100211-5190, 100211-5290



136062 S.R.E. Cover

Replacing: 021551-2220, 021551-1680

Servicing: 100211-8230, 100211-8330, 100211-8340, 100211-8460, 100211-8470, 100211-8500, 100211-8530, 100211-8590, 100211-8680



137664 S.R.E. Cover

Replacing: 021551-2150

Servicing: 100211-5210, 100211-5230, 100211-5231, 100211-5250, 100211-5251, 100211-5310, 100211-6190, 100211-6200, 100211-6210



137670 S.R.E. Cover

Replacing: 021551-2290, 021551-2160, 021551-2060, 021551-1670, 021551-1510

Servicing: 100211-5070, 100211-6000, 100211-6010, 100211-6020, 100211-6030, 100211-6031, 100211-6050, 100211-6051, 100211-6060



137675 Heat Shield

Replacing: 021551-1840

Servicing: 100211-5670, 100211-5720, 100211-7861, 100211-8392, 100211-8490, 100211-8860, 100211-8861, 101211-0580, 101211-0581



137687 S.R.E. Cover

Replacing: 021551-2260

Servicing: 100211-5200, 100211-5220, 100211-5260, 100211-5300, 100213-1730, 100213-1770, 100213-1920, 100213-2240, 100213-2272



137863 S.R.E. Cover

Replacing: 021551-1130

Servicing: 100211-1610, 100211-1611, 100211-1630, 100211-1640, 100211-1650, 100211-1661, 100211-1662, 100211-1680, 100211-1690



138414 S.R.E. Cover

Replacing: 021551-1120

Servicing: 100211-1511, 100211-1512, 100211-1580, 100211-1590, 100211-3370, 100211-4000, 100211-4001, 100211-4002, 100211-4003



138907 S.R.E. Cover

Replacing: 021551-2370

Servicing: 101211-2130, 101211-2190, 101211-2230, 101211-2570, 101211-2620, 101211-2770, 101211-2780, 101211-2941, 101211-2950

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.



230494 S.R.E. Cover

Replacing: 021551-1050

Servicing: HC-CARGO 191744, 100211-1470



230669 S.R.E. Cover

Replacing: 021551-2640

Servicing: HC-CARGO 191744, 100211-5210, 100211-5310, 100213-1740, 100213-2250, 100213-2470, 100213-2471, 100213-2580, 101211-0050



231235 S.R.E. Cover

Replacing: 021551-0251

Servicing: 021000-0351, 021000-0814, 021000-2840, 021000-2991, 021000-3040, 021000-3061, 021000-4110, 021000-4550, 021000-4570



231248 S.R.E. Cover

Replacing: 021551-1330

Servicing: 100211-1670, 100211-4520, 100211-4650, 100211-4740, 101211-1180, 101211-1360



231249 S.R.E. Cover

Replacing: 021551-0860

Servicing: 100211-1400, 100211-1401, 100211-1402



231555# S.R.E. Cover

Replacing: 021551-0800

Servicing: 021000-5030, 021000-6611, 021000-6612, 021000-6631, 021000-6632, 021000-6641, 021000-6642, 021000-6643, 021000-6711



231787 S.R.E. Cover

Replacing: 021551-2460

Servicing: 100213-2950, 100213-2990, 100213-2991, 100213-2993, 101211-5460, 101211-9920, 101211-9921, 102211-1460, 102211-1461



232792 S.R.E. Cover

Servicing: 121000-3480, 121000-3510, 121000-3520, 121000-3521, 121000-3570, 121000-3580, 121000-3660



232793 S.R.E. Cover

Replacing: 021551-3790, 021551-3780, 021551-2580, 021551-2450

Servicing: 101211-5450, 101211-5560, 101211-5620, 101211-5710, 101211-9060, 101211-9100, 101211-9200, 101211-9350, 101211-9360



235063 S.R.E. Cover

Replacing: 021551-3920, 021551-2630

Servicing: 101211-0072, 101211-4161, 101211-4420, 102211-5001, 102211-5002, 102211-5011, 102211-5012, 102211-5020, 102211-5021



235271 S.R.E. Cover

Replacing: 021551-2320

Servicing: 100211-8622, 100211-8631, 100211-8632, 100211-8960, 101211-5570, 101211-5571



236331 S.R.E. Cover

Servicing: 104210-3050, 104210-3051, 104210-3052, 104210-3060, 104210-3250, 104210-3251, 104210-3980

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



236792 S.R.E. Cover

Replacing: 021551-3870

Servicing: 102211-5260, 102211-5360, 102211-5380, 102211-5640, 102211-5650, 102211-5660, 102211-5930, 102211-5940



237606 S.R.E. Cover

Servicing: 104210-2710, 104210-2730, 104210-3431, 104210-3511, 104210-3512, 104210-3513, 104210-3520, 104210-3521, 104210-3522



237614 S.R.E. Cover

Servicing: 104210-3511, 104210-3512, 104210-3513, 104210-3531, 104210-3532, 104210-3630, 104210-3761, 104210-3762, 104210-4022



237643 S.R.E. Cover

Replacing: 021551-4580, 021551-4120

Servicing: 104210-3290, 104210-3291, 104210-3292, 104210-3293, 104210-4730, 104210-4731, 104210-4732



238062 S.R.E. Cover

Replacing: 021551-4180

Servicing: 104210-2320, 104210-3780, 104210-4521, 104210-4591, 104210-4771, 104210-4810, 104210-5290



239794 S.R.E. Cover

Servicing: 101210-0160, 101210-0161, 101210-0162, 102211-8640, 102211-8641, 102211-8642, 102211-8652, 102211-8660, 102211-8661

ID 125.73, **OD** 127.65, **Height** 47.25, **Colour** Black, **Material** Plastic



330285 S.R.E. Cover

Servicing: 104210-3711, 104210-4660

NEW PRODUCT
www.hc-cargo.com

330301 S.R.E. Cover

Servicing: 101210-0940, 101210-0950, 101210-0951, 101210-0960, 101210-0961, 101210-0970, 101210-0971



330477 S.R.E. Cover

Servicing: 101210-1110, 102211-8610, 102211-8612, 102211-8620, 102211-8622, 102211-8630

Regulators

14 Volt





130615 Regulator

Replacing: 026000-2880, 026000-2131, 026000-1941, 026000-1940, 026000-1764, 026000-1762, 026000-1761

14.3 **V setting**, **Dist. mount. holes** 118.00, **Regulator type** Electronic

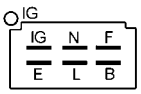




130620 Regulator

Replacing: 026000-7200

14.3 **V setting**, **Dist. mount. holes** 115.35, **Regulator type** Electronic
Mechanic: HC-CARGO 133387.





130627 Regulator

Replacing: 026000-3630, 026000-3510, 026000-2720, 026000-2431, 026000-2430, 026000-2271, 026000-2270

Servicing: 021000-6840, 021000-8230

Dist. mount. holes 115.80, **Regulator type** Electronic
Mechanic: HC-CARGO 135661.



131459 Regulator

Replacing: 126000-7090, 126000-1560, 126000-1530, 126000-1450, 126000-1010, 126000-0932, 126000-0931

Servicing: 100211-0120, 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020, 100211-1021, 100211-1030, 100211-1031

14.4 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic, **Terminal type** S-IG-L
Repair circuit: HC-CARGO 133235. L-terminal drives the choke.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

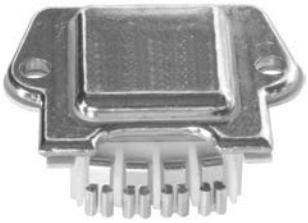


131460 Regulator

Replacing: 126000-0820, 126000-0770, 126000-0520, 126000-0180

Servicing: 021000-9400, 021000-9660, 100211-1721, 100211-2750, 100211-2760, 100213-0080, 100213-0130, 100213-0201, 100213-0202

14.4 **V setting**, **Dist. mount. holes** 44.00, **Terminal type** S-G-F



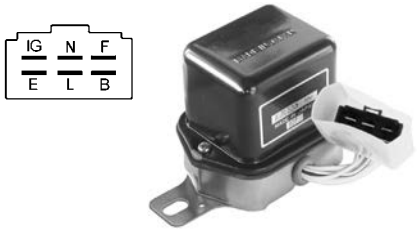
131467 Regulator

Replacing: 126000-0870, 126000-0054, 126000-0053, 126000-0051, 126000-0050

Servicing: 100211-0071, 100211-0081, 100211-0280, 100211-0290, 100211-0291, 100211-0292, 100211-0790, 100211-0995, 100211-2950

14.4 **V setting**, **Dist. mount. holes** 47.50, **Terminal type** F-S-IG-Trio

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131493 Regulator

Replacing: 026000-4130, 026000-3920, 026000-3810, 026000-3780, 026000-3592, 026000-3591

Dist. mount. holes 114.00,
Regulator type Mechanical

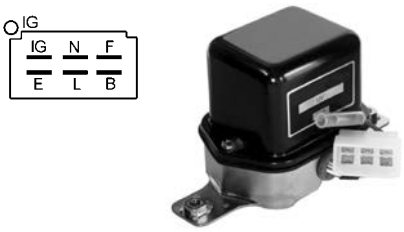


131526 Regulator

Replacing: 126000-0470, 126000-0411, 126000-0410

Servicing: 100211-1410, 100211-1411, 100211-2200, 100211-2201, 100211-2231, 100211-2290, 100211-2320, 100211-3800, 100211-3810

14.5 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** D-IG-L
Repair circuit: HC-CARGO 133241.



131532 Regulator

Replacing: 026000-2550, 026000-2310, 026000-1810, 026000-1650

14.3 **V setting**, **Dist. mount. holes** 119.00, **Regulator type** Mechanical
Mounting holes threaded.

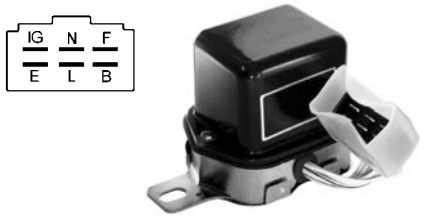


131535 Regulator

Replacing: 026000-2510

14.3 **V setting**, **Dist. mount. holes** 114.00, **Regulator type** Mechanical

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132111 Regulator

Replacing: 026000-4200, 026000-0400

Servicing: 100210-1570, 100210-2600, 100210-2660, 100210-2700, 100210-2750, 100210-3080, 121000-0820, 121000-0830, 121000-0930

14.3 **V setting**, **Dist. mount. holes** 114.00, **Regulator type** Mechanical
w/ diode.



132627 Regulator

Replacing: 026000-4300, 026000-4180, 026000-4070, 026000-4051, 026000-4050

14.3 **V setting**, **Dist. mount. holes** 118.00, **Regulator type** Mechanical, **Capacitor** w/ *w/ diode.*



132645 Regulator

Replacing: 126000-1170, 126000-1060, 126000-0540

Servicing: 100211-2010, 100211-2011, 100211-2130, 100211-2140, 100211-2550, 100211-3310, 100211-3311, 100211-6150, 100211-6160

14.6 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** S-FR-IG-L
Repair circuit: HC-CARGO 133239. L-terminal drives the choke.

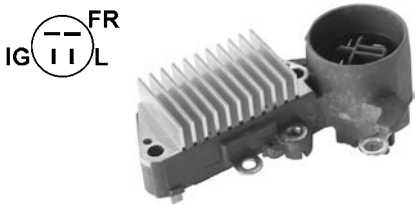


132646 Regulator

Replacing: 126000-0580, 126000-0371

Servicing: 100211-1400, 100211-1401, 100211-1402, 100211-1420, 100211-1451, 100211-1452, 100211-1453, 100211-1460, 100211-1461

14.6 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** IG-L



132831 Regulator

Replacing: 126000-1350, 126000-0570, 126000-0344

Servicing: 100211-1350, 100211-1351, 100211-1370, 100211-1371, 100211-2310, 100211-3880, 100211-7320, 100211-8610, 100211-8611

14.6 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** D-FR-IG-L
Repair circuit: HC-CARGO 133238. L-terminal drives the choke.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



132855 Regulator

Replacing: 126000-1570, 126000-1550, 126000-0980, 126000-0901, 126000-0900, 126000-0550

Servicing: 100211-1280, 100211-1520, 100211-1560, 100211-1600, 100211-1601, 100211-1620, 100211-4160, 100211-4170, 100211-4280

14.6 **V setting**, **Dist. mount. holes** 57.50, **Terminal type** IG-S-L

Repair circuit: HC-CARGO 133240. L-terminal drives the choke.



132856 Regulator

Replacing: 126000-1310, 126000-0440

Servicing: 100211-1260, 100211-1261, 100211-1310, 100211-2340, 100211-3580, 100211-3850, 100211-3860, 100211-3910, 100211-7012

14.6 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** IG-C-L

Repair circuit: HC-CARGO 133236. L-terminal drives the choke.



132859 Regulator

Replacing: 126000-1880, 126000-1860, 126000-1720, 126000-1700, 126000-1410, 126000-1300, 126000-1030

Servicing: 100211-3590, 100211-3600, 100211-3660, 100211-3690, 100211-3790, 100211-3870, 100211-3880, 100211-3890, 100211-3930

14.5 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** IG-C-FR-L

Repair circuit: HC-CARGO 133237. L-terminal drives the choke.



132860 Regulator

Replacing: 126000-1370, 126000-0880, 126000-0850

Servicing: 100211-1570, 100211-1571, 100211-4140, 100211-4141, 100211-4710, 100211-6600, 100211-6720, 100211-6990, 101211-1240

14.6 **V setting**, **Dist. mount. holes** 57.50, **Terminal type** IG-D-L

Repair circuit: HC-CARGO 133241. L-terminal drives the choke.



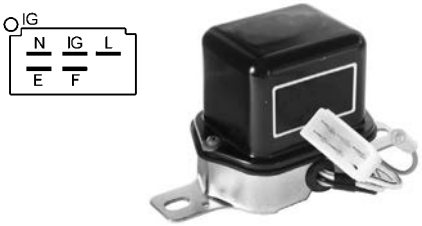
133257 Regulator

Replacing: 126000-2810, 126000-2720, 126000-2120, 126000-1330, 126000-0950, 126000-0721, 126000-0720

Servicing: 100211-1550, 100211-1570, 100211-1571, 100211-4070, 100211-4130, 100211-4371, 100211-6720, 100211-9190, 100211-9310

14.6 **V setting**, **Dist. mount. holes** 57.50, **Terminal type** D-IG-L

Repair circuit: HC-CARGO 133259. L-terminal does not drive the choke.



133455 Regulator

Replacing: 026000-1990

14.3 **V setting**, **Dist. mount. holes** 116.00, **Regulator type** Mechanical

Electronic: HC-CARGO 131536.



133519 Regulator

Replacing: 126000-1160, 126000-0971, 126000-0970

Servicing: 100211-1511, 100211-1512, 100211-1540, 100211-1580, 100211-1590, 100211-1680, 100211-1690, 100211-4050, 100211-4060

14.6 **V setting**, **Dist. mount. holes** 51.00, **Regulator type** Electronic, **Terminal type** IG-L

Repair circuit: HC-CARGO 135736. L-terminal drives the choke.



133526 Regulator

Replacing: 126000-0920

Servicing: 100210-1560, 100213-0750, 100213-0760, 100213-0770, 100213-0780, 100213-0790, 100213-0800, 100213-0950, 100213-0960

14.3 **V setting**, **Dist. mount. holes** 43.00, **Terminal type** L-S-IG



133872 Regulator

Replacing: 126000-2730, 126000-0600

Servicing: 100211-1511, 100211-1512, 100211-1540, 100211-1580, 100211-1590, 100211-1610, 100211-1611, 100211-1630, 100211-1640

14.6 **V setting**, **Dist. mount. holes** 57.50, **Regulator type** Electronic, **Terminal type** IG-L

Repair circuit: HC-CARGO 133259. L-terminal does not drive the choke.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



134447 Regulator

Replacing: 126000-1200, 126000-0430

Servicing: 100211-1270, 100211-1271, 100211-1330, 100211-1331, 100211-1380, 100211-1381, 100211-1492, 100211-2221, 100211-2231

14.6 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** D-IG-L

Repair circuit: HC-CARGO 135735. L-terminal drives the choke.



134700 Regulator

Replacing: 126000-7040, 126000-2350

Servicing: 100211-4540, 100211-6930, 100211-6931, 100211-6960, 100211-6961, 100211-6970

14.6 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** S-IG-L

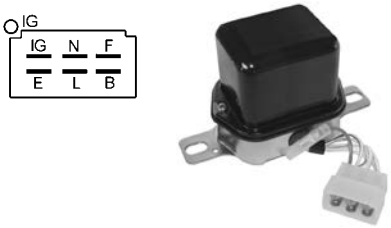


134858 Regulator

Replacing: 026000-7040, 026000-7020, 026000-4380, 026000-4290, 026000-4260, 026000-4221, 026000-4220

Dist. mount. holes 114.00, **Regulator type** Mechanical

w/ diode.



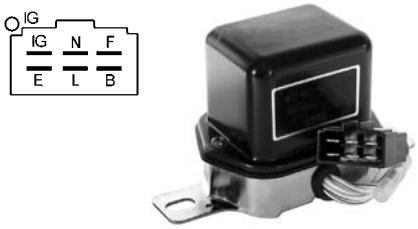
135661 Regulator

Replacing: 026000-7080, 026000-3340, 026000-1871

Servicing: 021000-1603

Dist. mount. holes 113.00, **Regulator type** Mechanical

Electronic: HC-CARGO 130627.



135662 Regulator

Replacing: 026000-4520, 026000-3880, 026000-3350, 026000-3330, 026000-3191, 026000-3190, 026000-2680

Dist. mount. holes 113.00, **Regulator type** Mechanical



135730 Regulator

Replacing: 126000-1441, 126000-1440, 126000-1110, 126000-0610

Servicing: 100211-3401, 100211-3830, 100211-3831, 100211-6000, 100211-6010, 100211-6020, 100211-6060, 100211-6080, 100211-6100

14.6 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** S-IG-L

L-terminal does not drive the choke.



135731 Regulator

Replacing: 126000-1500, 126000-1400, 126000-1270, 126000-1260, 126000-1190

Servicing: 100211-3540, 100211-3740, 100211-5140, 100211-5141, 100211-5150, 100211-5360, 100211-6180, 100211-6300, 100211-6330

14.4 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** S-IG-L

L-terminal does not drive the choke.

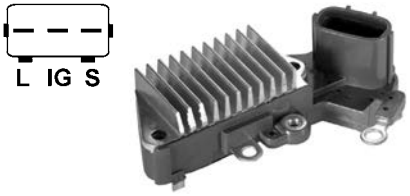


135732 Regulator

Replacing: 126000-0020

Servicing: 021000-8420, 021000-8460, 100211-0010, 100211-0014, 100211-0230, 100211-0250

14.3 **V setting**, **Dist. mount. holes** 46.00, **Terminal type** F-IG-S



135734 Regulator

Replacing: 126000-7110, 126000-7100, 126000-2290, 126000-1670, 126000-1660, 126000-1640, 126000-1580

Servicing: 100211-5020, 100211-5200, 100211-5210, 100211-5230, 100211-5250, 100211-5251, 100211-5260, 100211-5270, 100211-6440

14.6 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic, **Terminal type** L-IG-S

L-terminal does not drive the choke.



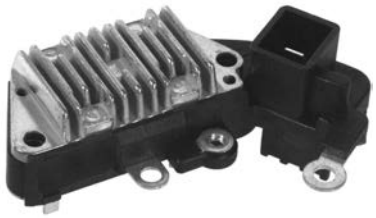
135737 Regulator

Replacing: 126000-1930, 126000-1750, 126000-1730

Servicing: 101211-0120, 101211-0190, 101211-0191, 101211-0340, 101211-0341, 101211-0342, 101211-0430, 101211-0431, 101211-0432

14.6 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic, **Terminal type** L-IG-S

Repair circuit: HC-CARGO 133235. L-terminal drives the choke.



136727 Regulator

Replacing: 126000-7160, 126000-2790, 126000-1760, 126000-1620, 126000-1320, 126000-1130

Servicing: 100211-8370, 100211-8622, 100211-8630, 100211-8631, 100211-8632, 100211-8960, 101211-5570, 101211-5571, 102211-0500

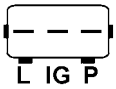
14.6 **V setting**, **Dist. mount. holes** 63.50

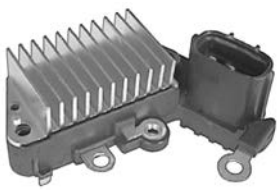
L-terminal drives the choke.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



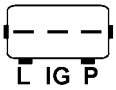


138146 Regulator

Replacing: 126000-2140, 126000-1800

Servicing: 100211-2310, 100211-4730, 101211-1030, 101211-1170, 101211-2240, 101211-2310, 101211-2370, 101211-2770, 101211-2780

14.6 **V setting**, **Dist. mount. holes** 57.50, **Regulator type** Electronic, **Terminal type** P-IG-L



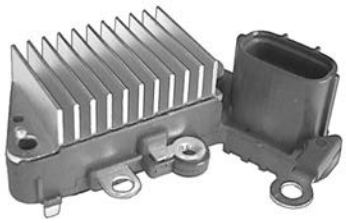


138638 Regulator

Replacing: 126000-1940

Servicing: 100213-2940, 100213-2950, 100213-2980, 100213-2990, 100213-2991, 100213-2993, 101211-4280, 101211-9010, 101211-9020

14.4 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** P-IG-L, **Capacitor** w/



138662 Regulator

Replacing: 126000-1630

Servicing: 101211-2130, 101211-3030

14.6 **V setting**, **Dist. mount. holes** 57.50, **Terminal type** S-IG-L
L-terminal drives the choke.

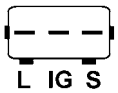


138664 Regulator

Replacing: 126000-0840

Servicing: 100211-4111, 100211-4112, 100211-4150, 101211-4111, 101211-4112, 101211-4150

14.6 **V setting**, **Dist. mount. holes** 57.50, **Terminal type** C-IG-L



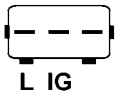


138894 Regulator

Replacing: 126000-2260, 126000-2000, 126000-1870, 126000-1850, 126000-1810

Servicing: 100211-6470, 101211-0770, 101211-4150, 101211-4151, 101211-5450, 101211-5560, 101211-5710, 101211-7020, 101211-7070

14.6 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic, **Terminal type** S-IG-L, **Battery sensor** w/, **Capacitor** w/o, **Resistor** w/o, Not insulated return
L-terminal drives the choke.



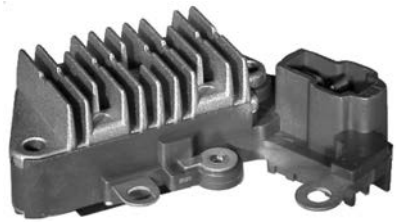


139268 Regulator

Replacing: 126000-3530, 126000-3060, 126000-2680, 126000-1971, 126000-1970, 126000-1920

Servicing: 100213-2272, 100213-2320, 100213-2530, 100213-2540, 100213-2630, 100213-2790, 101211-0550, 101211-0551, 101211-0722

14.6 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic, **Terminal type** IG-L
L-terminal does not drive the choke.

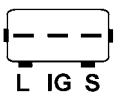


139419 Regulator

Replacing: 126000-0990, 126000-0760

Servicing: 100211-4020, 100211-4490, 100211-4700, 100211-4701, 101211-2470

14.8 **V setting**, **Dist. mount. holes** 57.50, **Terminal type** L-IG
L-terminal drives the choke.





139584 Regulator

Replacing: 126000-2250, 126000-2230, 126000-2200, 126000-2050, 126000-1960

Servicing: 100211-5220, 100211-5230, 100211-5231, 100211-5300, 100211-5310, 100213-1770, 100213-1780, 100213-1781, 100213-2240

14.6 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** L-IG-S
L-terminal does not drive the choke.

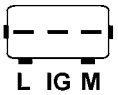


231197 Regulator

Replacing: 126000-1460

Servicing: 100210-1560, 100213-1560, 121000-5480

14.6 **V setting**, **Dist. mount. holes** 43.00, **Terminal type** L-S-IG
w/ plug: HC-CARGO 133526, 234644.





231462 Regulator

Replacing: 126000-3040, 126000-2861

Servicing: 102211-1450, 102211-1451, 102211-1460, 102211-1461, 102211-1650, 102211-1670, 102211-1680, 102211-5250, 102211-8000

14.6 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** L-IG-FR
L-terminal does not drive the choke.



233517 Regulator

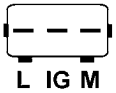
Replacing: 126000-2450

Servicing: 101211-7230, 101211-7270

14.6 **V setting**, **Dist. mount. holes** 51.00, **Regulator type** Electronic, **Terminal type** S-FR-IG-L
L-terminal does not drive the choke.

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All measurements are in mm, unless else stated.
Available while stock last, * Program development.





234091 Regulator

Replacing: 126000-3171, 126000-3170, 126000-3131, 126000-3130

Servicing: 102211-1950, 102211-1951, 102211-1960, 102211-2770, 102211-2780, 102211-5260, 102211-5380, 102211-5660, 102211-5930

14.5 **V setting**, **Dist. mount. holes** 47.70, **Terminal type** M-IG-L



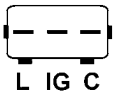


234557 Regulator

Replacing: 126000-2610, 126000-2470, 126000-2170, 126000-2160, 126000-2090

Servicing: 101211-4060, 101211-4070, 101211-7270, 101211-9250, 101211-9310, 101211-9330, 101211-9760, 101211-9810, 101211-9860

14.6 **V setting**, **Dist. mount. holes** 63.50
L-terminal does not drive the choke.





234731 Regulator

Replacing: 126000-2151, 126000-2150

Servicing: 101211-0840, 101211-4220

14.4 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** IG-C-L





234732# Regulator

Replacing: 126000-1770

Servicing: 100211-3020, 100211-3021, 100211-3380, 101211-3020, 101211-3380, 110211-3021

14.5 **V setting**, **Dist. mount. holes** 51.00, **Terminal type** IG-L-S





235449 Regulator

Replacing: 126000-2871

Servicing: 102211-1471

14.4 **V setting**, **Dist. mount. holes** 63.50, **Terminal type** L-IG-FR





235457 Regulator

Servicing: 104210-2780, 104210-3170, 104210-3171, 104210-3240, 104210-4270, 104210-5020

14.4 **V setting**, **Dist. mount. holes** 43.00, **Regulator type** Electronic
2.5 sec. LRC.



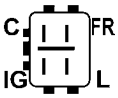


235544 Regulator

Replacing: 126000-3290

Servicing: 101211-9570, 102211-1780, 102211-2220, 102211-2221, 102211-2222, 102211-2223, 102211-2270

Dist. mount. holes 63.50, **Regulator type** Electronic, **Terminal type** FR-D-IG-L





235831 Regulator

Replacing: 126600-3150, 126600-3070

Servicing: 104210-3100, 104210-3911, 104210-4300, 104210-4301, 104210-4480, 104210-4481, 104210-4690, 104210-4860

14.3 **V setting**, **Dist. mount. holes** 44.00, **Regulator type** Electronic, **Terminal type** C-FR-IG-L





235837 Regulator

Replacing: 126600-3000

Servicing: 104210-2050

Dist. mount. holes 43.50, **Regulator type** Electronic

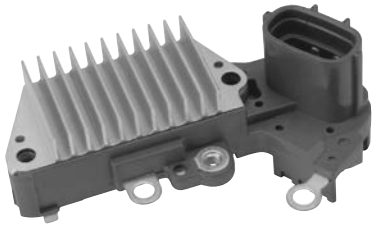


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235838* Regulator

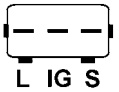
Replacing: 126000-3081, 126000-3080

120 **Amp**, **Dist. mount. holes** 52.00, **Regulator type** Electronic



235887 Regulator

14.3 **V setting**, **Dist. mount. holes** 51.00, **Regulator type** Electronic





235899 Regulator

Replacing: 126600-0011

Servicing: 104210-3030, 104210-3920, 104210-3921, 104210-4090

14.2 **V setting**, **Dist. mount. holes** 45.00, **Regulator type** Electronic, **Terminal type** L-IG-S, **Capacitor** w/

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.





236329 Regulator

Replacing: 126600-3390, 126600-3040, 126600-3010

Servicing: 104210-3050, 104210-3051, 104210-3052, 104210-3060, 104210-3250, 104210-3251, 104210-3431, 104210-3450, 104210-3620

14 **V setting**, **Dist. mount. holes** 49.00, **Regulator type** Electronic, **Battery sens or** w/, **Capacitor** w/o, **Resistor** w/o, Not insulated return





236768 Regulator

Replacing: 126000-2190

Servicing: 102211-2310, 102211-2810, 104210-8220, 104210-8240, 104210-8241

14.6 **V setting**, **Dist. mount. holes** 51.50, **Regulator type** Electronic, **Terminal type** S-FR-IG-L





237609 Regulator

Replacing: 126600-3460

Servicing: 104210-3510, 104210-3511, 104210-3512, 104210-3520, 104210-3521, 104210-3522, 104210-3531, 104210-3532, 104210-3630





237642 Regulator

Replacing: 126000-3020

Servicing: 102211-0750, 102211-2760

14.2 **V setting**, 7 **Amp**, **Regulator type** Electronic, **Battery sensor** w/, **Capacitor** w/o, **Resistor** w/o, Not insulated return





237650 Regulator

Replacing: 126600-3350, 126600-0140

Servicing: 104210-3290, 104210-3291, 104210-3292, 104210-3293, 104210-4730, 104210-4731, 104210-4732, 104210-5370

14.5 **V setting**, 100 **Amp**, **Regulator type** Electronic, **Terminal type** IG-C-FR-L, **Battery sensor** w/o, **Capacitor** w/o, **Resistor** w/o, Not insulated return





330529 Regulator

Replacing: 126600-3320, 126600-3220, 126600-3020

Servicing: 104210-2180, 104210-2320, 104210-4521, 104210-4591, 104210-4771, 104210-4790

14.6 **V setting**, **Regulator type** Electronic



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330540 Regulator

Replacing: 126000-3021

Servicing: 102211-8490, 102211-8500

14 **V**, **Dist. mount. holes** 49.00, **Regulator type** Electronic





330843 Regulator

Replacing: 126600-3640, 126600-3430

Servicing: 104210-2710, 104210-3523, 104210-5770, 104210-5800

14.2 **V setting**, **Dist. mount. holes** 45.50, **Regulator type** Electronic, **Capacitor** w/o, **Resistor** w/o, Not insulated return





330854 Regulator

Servicing: 104210-4660

Dist. mount. holes 45.00, **Regulator type** Electronic, **Terminal type** L-IG, **Battery sensor** w/o, **Capacitor** w/o



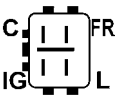
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333028* Regulator

Replacing: 126600-0023, 126600-0022

Servicing: 104210-3040, 104210-3120

14.2 **V setting**, **Capacitor** w/





333029 Regulator

Replacing: 126600-0042, 126600-0041, 126600-0040, 126000-0042, 126000-0041

Servicing: 104210-3500

14.4 **V setting**, **Dist. mount. holes** 45.00, **Regulator type** Electronic, **Terminal type** IG-L-C-FR, **Capacitor** w/o

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333030* Regulator

Replacing: 126600-0090

Servicing: 104210-3280

14.5 **V setting**, **Capacitor** w/

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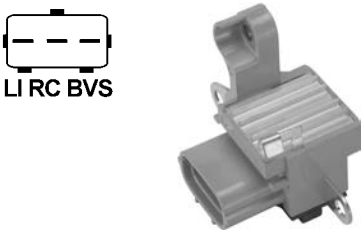
333032* Regulator

Replacing: 126600-3650
Servicing: 104210-5910
14.4 **V setting**

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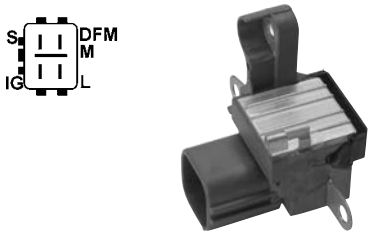
333033* Regulator

Replacing: 126600-3660
Servicing: 104210-5890
14.4 **V setting**



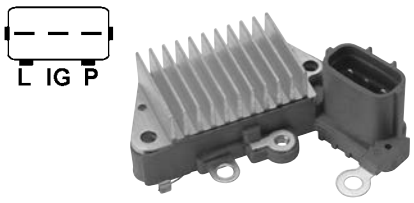
333034 Regulator

Replacing: 126600-3490
Servicing: 104210-3690
14.4 **V setting**, **Dist. mount. holes** 40.80,
Regulator type Electronic



333043 Regulator

Dist. mount. holes 43.80,
Regulator type Electronic,
Terminal type S-IG-L-DF/DFM



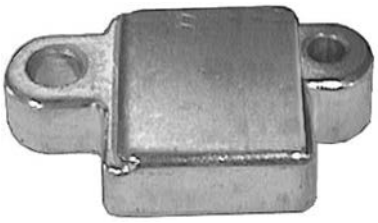
333049 Regulator

Replacing: 126000-3480
Servicing: 101211-2941, 101211-8810
Dist. mount. holes 51.00,
Regulator type Electronic,
Terminal type P-IG-L

NEW PRODUCT
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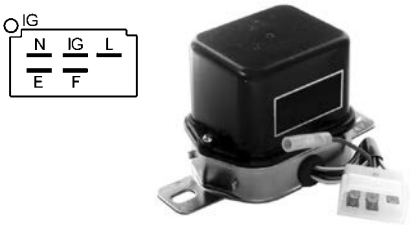
333353* Regulator

28 Volt



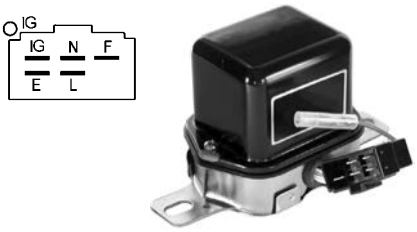
131527 Regulator

Replacing: 126000-0810, 126000-0800, 126000-0790, 126000-0260, 126000-0200, 126000-0150, 126000-0010
Servicing: 021000-8810, 021000-8820, 021000-8850, 021000-8860, 021000-9400, 021000-9430, 021000-9840, 021000-9881, 100211-0570
27.5 **V setting**, **Dist. mount. holes** 42.00,
Terminal type S-G-F



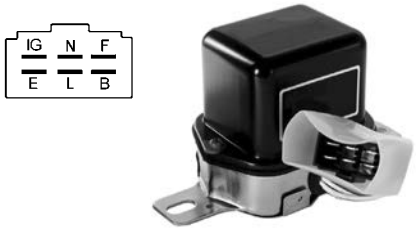
131537 Regulator

Replacing: 026000-1862, 026000-1861, 026000-1860
Dist. mount. holes 110.50,
Regulator type Mechanical



132628 Regulator

Replacing: 026000-4110, 026000-3540, 026000-3050, 026000-3040, 026000-2810, 026000-2690, 026000-1671
Dist. mount. holes 115.55,
Regulator type Mechanical
w/ diode.



135376 Regulator

Replacing: 026000-3960, 026000-3900, 026000-3890, 026000-3840, 026000-3790
Dist. mount. holes 114.50,
Regulator type Mechanical
w/ diode.



137395 Regulator

Replacing: 126000-7011, 126000-7010, 126000-2340
Servicing: 100211-6200, 100211-6210, 100211-6221, 100211-6230, 100211-7170, 100211-7370, 100211-7380, 100211-7670, 100211-7850
28.3 **V setting**, **Dist. mount. holes** 63.50,
Terminal type S-IG-L, **Capacitor** w/



138297 Regulator

Replacing: 126000-7120, 126000-2390
Servicing: 100211-6240, 100211-6250, 100211-6260, 100211-6270, 101211-0260, 101211-0261, 101211-0262, 101211-0320, 101211-0321
28.3 **V setting**, **Dist. mount. holes** 63.50,
Terminal type S-IG-L, **Capacitor** w/

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



138679 Regulator

Replacing: 126000-7001, 126000-7000, 126000-2330

Servicing: 100211-5790, 100211-5910, 100213-0820, 100213-0830, 100213-0840, 100213-1880, 100213-1890, 101211-6071, 101211-6091

28.3 **V setting**, **Dist. mount. holes** 43.00, **Regulator type** Electronic, **Terminal type** S-L-IG



231060 Regulator

Replacing: 126000-0380

Servicing: 100211-0860, 100211-0890, 101211-6100

28.2 **V setting**, **Dist. mount. holes** 56.00
Repair circuit: HC-CARGO 135733.



235748 Regulator

Replacing: 126000-7050, 126000-2630, 126000-2360

Servicing: 100211-6940, 100211-6941, 100211-6950, 100211-6951, 101211-7811

Dist. mount. holes 55.60, **Regulator type** Electronic, **Terminal type** IG-L-S, **Battery sensor** w/, Not insulated return

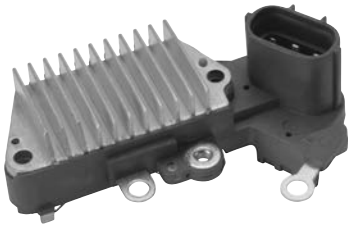


333040 Regulator

Replacing: 126000-2320

Servicing: 101211-7960

Dist. mount. holes 63.50, **Regulator type** Electronic, **Terminal type** L-IG



333046 Regulator

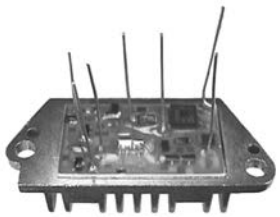
Replacing: 126000-2070

Servicing: 101211-7920

Dist. mount. holes 63.50, **Regulator type** Electronic, **Terminal type** P-IG-L

Repair Circuits

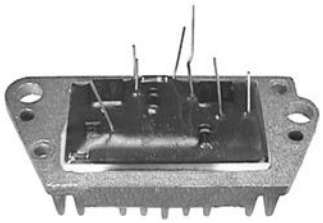
14 Volt



133235 Repair Circuit

Servicing: 100211-1000, 100211-1010, 100211-1011, 100211-1021, 100211-1061, 100211-1090, 100211-1091, 100211-1150, 100211-2000

14.6 **V setting**, **Dist. mount. holes** 50.75, **Regulator type** Electronic, **Terminal type** S-IG-L



133239 Repair Circuit

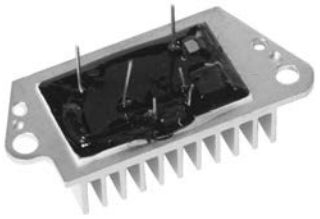
Servicing: 100211-1400, 100211-1401, 100211-1402, 100211-3310, 100211-3311, 100211-7770, 100211-7810, 100211-7811, 100211-8170

Dist. mount. holes 49.30, **Terminal type** S-FR-IG-L



133242# Repair Circuit

14.5 **V setting**, **Terminal type** S-IG-L



133259 Repair Circuit

Servicing: 100211-1610, 100211-1611, 100211-1630, 100211-1640, 100211-1650, 100211-1680, 100211-4000, 100211-4001, 100211-4002

14.5 **V setting**, **Dist. mount. holes** 50.85, **Terminal type** IG-L

Brush Boxes

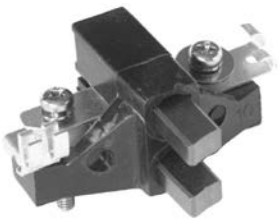


132084 Brush Box

Replacing: 021621-0650, 021620-2870, 021620-2760, 021620-2750, 021620-2630, 021620-2360, 021620-2310

Servicing: 100210-3070, 100210-3160, 100210-3190, 100210-3210, 100210-3410, 100210-3600, 100210-3610, 100210-3620, 100210-3730

14 **V**



132555# Brush Box

Replacing: 021620-0730, 021620-0330

Servicing: 021000-2422, 021000-2522, 021000-2532, 021000-2542, 021000-3021, 021000-4580, 021000-4630, 021000-5310, 021000-7000

14 **V**



132556 Brush Box

Replacing: 021620-2560, 021620-2470, 021620-2250, 021620-2081, 021620-1970, 021620-1831, 021620-1720

Servicing: 021000-7570, 021000-8770, 021000-8780, 021000-8830, 021000-8840, 021000-8890, 021000-8892, 021000-9180, 021000-9440

14 **V**, **OD** 58.70

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Available while stock last, * Program development.



132558 Brush Box

Replacing: 021630-0530, 021630-0220

Servicing: 021000-9400, 021000-9660, 100213-0080, 100213-0130, 100213-0201, 100213-0202, 100213-0220, 100213-0230, 100213-0231

14 **V**, **OD** 60.80



133673 Brush Box

Replacing: 021620-2720, 021620-2530

Servicing: 100210-3380, 100210-3381, 100210-3470, 100210-3480, 100210-3700, 100210-3780, 100211-0120, 100211-5020, 100211-5031

14 **V**



135226 Brush Box

Replacing: 021630-0602, 021630-0601

Servicing: 100213-0750, 100213-0760, 100213-0770, 100213-0780, 100213-0790, 100213-0800, 100213-0950, 100213-0960, 100213-0990

14 **V**



135419 Brush Box

Replacing: 021620-2430

Servicing: 121000-3300, 121000-3310, 121000-3380, 121000-3390, 121000-3400, 121000-3410, 121000-3440, 121000-3442, 121000-3450

14 **V**



230165 Brush Box

Replacing: 021620-0920, 021620-0531, 021620-0271

Servicing: 021000-0351, 021000-0814, 021000-2840, 021000-2991, 021000-3040, 021000-3061, 021000-4110, 021000-4550, 021000-4560

14 **V**



230166 Brush Box

Replacing: 021630-0650, 021630-0560, 021630-0551, 021630-0550

Servicing: 021000-9881, 100211-1721, 100211-2750, 100211-2760, 100213-0151, 100213-0171, 100213-0180, 100213-0520, 100213-0540

14 **V**

w/ diode and resistor.



230683 Brush Box

Servicing: 021000-0140, 021000-3641, 021000-5020, 021000-5040, 021000-5046, 021000-5080, 021000-5111, 021000-5130, 021000-5141

14 **V**



232456 Brush Box

Replacing: 021620-2350

Servicing: 121000-2430, 121000-2660, 121000-2680

14 **V**, **OD** 40.50



235588 Brush Box

Replacing: 021620-3001

Servicing: 021620-0027, 104210-3042, 104210-3043, 104210-3050, 104210-3051, 104210-3052, 104210-3060, 104210-3070, 104210-3090

14 **V**



235607 Brush Box

Replacing: 021620-3020

Servicing: 104210-1060, 104210-2320, 104210-2710, 104210-2730, 104210-2780, 104210-3170, 104210-3171, 104210-3191, 104210-3290

14 **V**

Brush Box Parts

Brush Sets



140365 Brush Set

Replacing: 021660-0131, 021660-0130

Servicing: 021000-0140, 021000-0351, 021000-0430, 021000-0441, 021000-0470, 021000-0812, 021000-0813, 021000-0814, 021000-1083

14 **V**, **Length** 16.50/18.00, **Lead length** 52.00, **Height** 8.00, **Thickness** 5.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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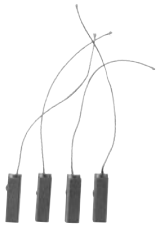
140366 Brush Set

Replacing: 021660-0060

Servicing: 081000-0951, 100213-0130

14 **V**, **Length** 20.00/18.50, **Lead length** 59.50, **Height** 10.00, **Thickness** 5.00

Pkg. 10



140367 Brush Set

Replacing: 021660-0320

Servicing: 021000-3001, 021000-3051, 021000-7200, 021000-8710, 021000-9120, 021000-9130, 021000-9150, 021000-9770, 121000-0320

14 **V**, **Length** 17.50, **Lead length** 62.00, **Height** 5.00, **Thickness** 4.00/4.00

Pkg. 10



140368 Brush Set

Replacing: 021660-0330

Servicing: 100211-0071, 100211-0081, 100211-0090, 100211-0100, 100211-0101, 100211-0191, 100211-0280, 100211-0290, 100211-0291

14 **V**, **Length** 22.50, **Lead length** 62.00, **Height** 8.00, **Thickness** 5.00



140369 Brush Set

Replacing: 021660-0530, 021660-0311

Servicing: 021000-6271, 021000-7090, 021000-7160, 021000-7570, 021000-7630, 021000-7640, 021000-8500, 021000-8731, 021000-8770

14 **V**, **Length** 27.00/28.00, **Lead length** 75.00, **Height** 8.00, **Thickness** 5.00

Pkg. 10



140370 Brush Set

Replacing: 021660-0370

Servicing: 021000-0814, 021000-2840, 021000-3061, 021000-4550, 021000-4570, 021000-5450, 021000-5600, 021000-6840, 021000-7250

14 **V**, **Length** 19.50/22.00, **Lead length** 65.50, **Height** 8.00, **Thickness** 5.00



140371 Brush Set

Replacing: 021660-0510, 021660-0460, 021660-0420, 021660-0390

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3780, 100211-0120

14 **V**, **Length** 15.00, **Lead length** 51.50, **Height** 7.00, **Thickness** 5.00

Pkg. 10



140372 Brush Set

Replacing: 021660-0040, 000903-2350

14 **V**, **Length** 18.50/20.00, **Lead length** 51.60, **Height** 10.00, **Thickness** 5.00

Brushes

Pkg. 100



B140371 Brush

Replacing: 021660-0510, 021660-0460, 021660-0420, 021660-0390

14 **V**, **Length** 15.00, **Lead length** 51.50, **Height** 7.00, **Thickness** 5.00

Rectifiers



132082 Rectifier

Replacing: 021580-2230, 021580-2160

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3410, 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020

70 **Amp/ diode**, **B+/ threaded** M6/43.00, **ID** 27.60, **OD** 100.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



132086 Rectifier

Replacing: 021600-1561, 021600-1531, 021600-1491, 021600-1490

Servicing: 021000-0140, 021000-6631, 021000-6632, 021000-6641, 021000-6642, 021000-6643, 021000-6711, 021000-6732, 021000-8260

35 **Amp/ diode**, **B+/ threaded** M6/32.75, **D+ threaded** M5/25.80, **ID** 49.85, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 8, **Brush gear** w/, **Capacitor** w/o



132540 Rectifier

Replacing: 021580-4340, 021580-4310, 021580-3340, 021580-3130

Servicing: 100211-1280, 100211-1520, 100211-1550, 100211-1560, 100211-1570, 100211-1571, 100211-1580, 100211-1590, 100211-1600

70 **Amp/ diode**, **B+/ threaded** M6/44.00, **OD** 88.00, **Mount. dist.** 58.55, **B+ type** Bolt, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.



132541 Rectifier

Replacing: 021580-2500, 021580-2330, 021580-2260, 021580-2250

Servicing: 100211-1200, 100211-1201, 100211-1210, 100211-1211, 100211-1212, 100211-1230, 100211-1231, 100211-1260, 100211-1261

70 **Amp/ diode**, **B+/ threaded** M6/44.00, **ID** 28.30, **OD** 90.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



132647 Rectifier

Replacing: 021580-3240, 021580-2180, 021580-1381, 021580-1380, 021580-1310

Servicing: 021000-6271, 021000-7090, 021000-7160, 021000-7570, 021000-7630, 021000-7640, 021000-8770, 021000-8780, 021000-8830

ID 52.70, **OD** 111.00, **Mount. dist.** 65.00, **No./ diodes** 4, **Capacitor** w/o



132648 Rectifier

Replacing: 021580-1590, 021580-1560, 021580-1370

Servicing: 021000-7570, 021000-8500, 021000-8770, 021000-8780, 021000-8830, 021000-8840, 021000-8890, 021000-8892, 021000-9180

B+/ threaded M6/29.00, **ID** 53.45, **OD** 111.00, **B+ type** Bolt, **No./ diodes** 4, **Capacitor** w/o



132649 Rectifier

Replacing: 021580-3230, 021580-2751, 021580-2300

Servicing: 100211-1721, 100211-2750, 100213-0230, 100213-0231, 100213-0250, 100213-0260, 100213-0280, 100213-0290, 100213-0300

35 **Amp/ diode**, **B+/ threaded** M6/41.20, **OD** 111.00, **Mount. dist.** 71.50, **B+ type** Screw, **No./ diodes** 4, **Capacitor** w/o



132650# Rectifier

Replacing: 021580-2571

Servicing: 100213-0230, 100213-0231, 100213-0250, 100213-0260, 100213-0280, 100213-0290, 100213-0300, 100213-0610, 100213-0850

ID 52.55, **OD** 111.00, **No./ diodes** 4, **Capacitor** w/o
19 Ohm resistor. 3 pin plug.



132657 Rectifier

Replacing: 021590-1950, 021590-1910, 021590-1900, 021590-1890

Servicing: 021000-8830, 021000-8890, 021000-8892, 021000-9850, 021000-9851, 021000-9861, 021000-9930, 021000-9931, 021000-9960

B+/ threaded M6/34.00, **D+ threaded** M5/29.00, **ID** 58.85, **OD** 114.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
Brush box: HC-CARGO 132084.



133672 Rectifier

Replacing: 021580-5810, 021580-5160, 021580-4760, 021580-4630, 021580-4510, 021580-4480, 021580-4080

Servicing: 100210-3380, 100210-3381, 100210-3470, 100210-3480, 100210-3780, 100211-0120, 100211-5031, 100211-5060, 100211-5080

50 **Amp/ diode**, **B+/ threaded** M6/43.00, **ID** 30.50, **OD** 103.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



134306 Rectifier

Replacing: 021600-1640, 021580-3110, 021580-3080

Servicing: 100211-1600, 100211-1601, 100211-1610, 100211-1611, 100211-1620, 100211-1630, 100211-1640, 100211-1650, 100211-1660

50 **Amp/ diode**, **B+/ threaded** M6/35.00, **ID** 28.35, **OD** 83.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



135043 Rectifier

Replacing: 021580-4790, 021580-4780, 021580-4640, 021580-3401, 021580-3400, 021580-2950

Servicing: 100211-1800, 100211-1830, 100211-1931, 100211-1940, 100211-1982, 100211-2400, 100211-2820, 100211-2830, 100211-2840

70 **Amp/ diode**, **B+/ threaded** M8/48.00, **ID** 29.30, **OD** 103.00, **Mount. dist.** 59.22, **B+ type** Screw, **W type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.

All measurements are in mm, unless else stated.
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135250 Rectifier

Replacing: 021580-5060, 021580-2522, 021580-2521, 021580-2512, 021580-2511, 021580-2510

Servicing: 100211-1070, 100211-1071, 100211-1072, 100211-1073, 100211-1074, 100211-1100, 100211-1101, 100211-1130, 100211-1131

70 **Amp/ diode**, **B+/ threaded** M6/26.00, **OD** 100.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8
w/ terminal W.



135258 Rectifier

Replacing: 021580-2910, 021580-2352, 021580-2351, 021580-2350, 021580-2342, 021580-2341, 021580-2340

Servicing: 100211-1220, 100211-1221, 100211-1222, 100211-1223, 100211-1224, 100211-1250, 100211-1251, 100211-1330, 100211-1331

70 **Amp/ diode**, **B+/ threaded** M6/32.80, **OD** 90.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8
w/ terminal W.



135415 Rectifier

Replacing: 021580-4490, 021580-4120, 021580-3680

Servicing: 121000-2660, 121000-3300, 121000-3310, 121000-3440, 121000-3490

70 **Amp/ diode**, **B+/ threaded** M6/27.00, **OD** 100.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8
w/ terminal W.



135416 Rectifier

Replacing: 021580-5260, 021580-4820, 021580-4020

Servicing: 100211-4000, 100211-7960, 101211-7960, 121000-2430, 121000-4000, 121000-4010, 121000-4030, 121000-4040, 121000-4050

70 **Amp/ diode**, **B+/ threaded** M6/25.00, **OD** 113.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



135417 Rectifier

Replacing: 021580-4840, 021580-4750, 021580-4670, 021580-4660, 021580-3640

Servicing: 100211-8230, 100211-8320, 100211-8330, 100211-8340, 100211-8370, 100211-8460, 100211-8470, 100211-8500, 100211-8530

50 **Amp/ diode**, **B+/ threaded** M6/25.00, **OD** 103.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



136312 Rectifier w/ Brush Box

Replacing: 021600-1381

Servicing: 100211-0071, 100211-0081, 100211-0280, 100211-0290, 100211-0291, 100211-0292, 100211-0790, 100211-0995, 100211-5800

30 **Amp/ diode**, **B+/ threaded** M6/32.00, **ID** 46.75, **OD** 110.00, **B+ type** Screw, **No./ diodes** 6, **Brush gear** w/, **Capacitor** w/o



136741 Rectifier

Replacing: 021580-4850

Servicing: 100211-8620, 100211-8622, 100211-8630, 100211-8960, 100213-2950, 100213-2990, 100213-2991, 100213-2993, 101211-5570

70 **Amp/ diode**, **B+/ threaded** M8/33.00, **OD** 103.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8
w/ terminal W.



137375# Rectifier

Replacing: 021600-1880, 021600-1610, 021600-1420, 021600-0750, 021590-1850, 021590-1740, 021590-1730

Servicing: 021000-3630, 021000-3641, 021000-5020, 021000-5040, 021000-5046, 021000-5080, 021000-5111, 021000-5130, 021000-5141

35 **Amp/ diode**, **B+/ threaded** M6/31.00, **ID** 48.85, **OD** 113.00, **B+ type** Screw, **No./ diodes** 6, **Brush gear** w/



137671 Rectifier

Replacing: 021580-4700, 021580-4210, 021580-3850

Servicing: 100211-6200, 100211-6210, 100211-6221, 100211-6230, 100211-6250, 100211-6260, 100211-6270, 101211-7250, 101211-7880

50 **Amp/ diode**, **B+/ threaded** M6/38.00, **ID** 24.55, **OD** 113.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



137873 Rectifier

Replacing: 021580-3890, 021580-3450

Servicing: 100211-1670, 100211-4520, 100211-4528, 100211-4610, 100211-4640, 100211-4650, 100211-4740, 100211-4770, 101211-1180

40 **Amp/ diode**, **B+/ threaded** M6/24.20, **ID** 28.40, **OD** 83.00, **Mount. dist.** 58.17, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



137874 Rectifier

Replacing: 21580-5040, 021580-5040, 021580-4690, 021580-4610, 021580-4430, 021580-4110, 021580-4100

Servicing: 100211-5070, 100211-5270, 100211-6000, 100211-6010, 100211-6020, 100211-6030, 100211-6031, 100211-6050, 100211-6051

50 **Amp/ diode**, **B+/ threaded** M8/48.00, **OD** 113.00, **Mount. dist.** 65.00, **B+ type** Bolt, **No./ diodes** 8
w/ terminal W.



137875# Rectifier

Replacing: 021600-1930, 021600-1581, 021600-1540

Servicing: 021000-8090, 021000-8260, 021000-8261, 021000-8262, 021000-8290, 021000-9260, 100211-0040, 100211-0400, 100211-0430

30 **Amp/ diode**, **B+/ threaded** M6/34.00, **ID** 50.70, **OD** 114.00, **Mount. dist.** 44.78, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



138168 Rectifier w/ Brush Box

Replacing: 021600-1891

Servicing: 021000-0441, 021000-3650, 021000-5030, 021000-7910, 021000-7911, 021000-7920, 021000-7931, 021000-7932, 021000-7940

B+/ threaded M6/35.00, **ID** 48.70, **OD** 106.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



138182# Rectifier w/ Brush Box

Replacing: 021600-1840

Servicing: 021000-6611, 021000-6612, 021000-6631, 021000-6632, 021000-6641, 021000-6642, 021000-6643, 021000-6711, 021000-6712

35 **Amp/ diode**, **B+/ threaded** M6/34.00, **ID** 48.25, **OD** 113.00, **B+ type** Screw, **No./ diodes** 6, **Brush gear** w/



138772 Rectifier

Replacing: 27357-12030, 021997-1240, 021997-1123

Servicing: 021000-0351, 021000-0814, 021000-2840, 021000-2991, 021000-3040, 021000-3061, 021000-4550, 021000-4560, 021000-4570

35 **Amp/ diode**, **B+/ threaded** M6/32.00, **D+ threaded** M5/20.00, **ID** 46.65, **OD** 106.00, **Mount. dist.** 38.15, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6
Brush holder: HC-CARGO 230165.



230000 Rectifier

Replacing: 021590-2050, 021590-1990

Servicing: 100213-0750, 100213-0760, 100213-0770, 100213-0790, 100213-0950, 100213-0960, 100213-1000, 100213-1120, 100213-1180

35 **Amp/ diode**, **B+/ threaded** M6/41.00, **D+ threaded** M5/32.00, **ID** 59.00, **OD** 113.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
Brush box: HC-CARGO 135226.



230671 Rectifier

Replacing: 021580-5070, 021580-5000

Servicing: 100211-7050, 100211-7051, 100211-7052, 100213-2470, 100213-2471, 100213-2580, 101211-0050, 101211-0051, 101211-0052

B+/ threaded M6/42.00, **ID** 27.55, **OD** 100.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



231236 Rectifier

Replacing: 021580-5300, 021580-4990

Servicing: 101211-0840, 102211-5001, 102211-5002, 102211-5011, 102211-5012, 102211-5020, 102211-5021, 102211-5050, 102211-5051

50 **Amp/ diode**, **B+/ threaded** M6/26.00, **ID** 29.15, **OD** 100.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o

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232473 Rectifier

Replacing: 021580-4810

Servicing: 100211-6310, 100211-6450

120 **Amp/ diode**, **B+/ threaded** M8/36.00, **ID** 23.85, **OD** 110.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o

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233246 Rectifier

Replacing: 021580-5050, 021580-4590, 021580-4250

Servicing: 100211-6160, 100211-6170, 100211-6430

50 **Amp/ diode**, **B+/ threaded** M8/33.00, **ID** 24.90, **OD** 113.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



233888 Rectifier

Replacing: 021580-2620, 021580-2610

Servicing: 100211-1000, 100211-1001, 100211-1021, 100211-1031, 100211-1041, 100211-1061, 100211-1091, 100211-1121, 100211-1140

B+/ threaded M6/43.00, **OD** 100.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o

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235589 Rectifier

Servicing: 104210-3240

30 **Amp/ diode**, **B+/ threaded** M8/12.50, **OD** 115.50, **No./ diodes** 12



235656 Rectifier

Servicing: 102211-0500

21±1 **Zener V**, 50 **Amp/ diode**, **B+/ threaded** M8/36.00, **OD** 113.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o

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235842 Rectifier

Replacing: 021580-5901, 021580-5891

Servicing: 421000-0021

14 **V**, 40 **Amp/ diode**, **B+/ threaded** M8x1.25/14.26, **OD** 117.00, **Mount. dist.** 43.00, **B+ type** Bolt, **Diode type** Press-fit, **No./ diodes** 12



235896 Rectifier

Replacing: 021580-5220

Servicing: 101211-7280, 101211-7450, 101211-7520, 101211-7670, 101211-7690, 101211-7840, 101211-7860, 101211-7861, 102211-0590

50 **Amp/ diode**, **B+/ threaded** M6, **ID** 27.00, **OD** 112.50, **No./ diodes** 8



236328 Rectifier

Servicing: 104210-3050, 104210-3051, 104210-3052, 104210-3060, 104210-3250, 104210-3251, 104210-3980

25 **Amp/ diode**, **B+/ threaded** M6/11.17, **ID** 28.21, **OD** 116.47, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 12, **Capacitor** w/o

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236947 Rectifier

Replacing: 021580-5520

Servicing: 101211-7370, 101211-7400, 101211-7410, 101211-7870, 101211-7871, 102211-0670, 102211-0750, 102211-0780

B+/ threaded M6/22.00, **OD** 113.00, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 8, **Capacitor** w/o

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237607 Rectifier

Replacing: 021580-6520

Servicing: 104210-2710, 104210-2730, 104210-2780, 104210-3520, 104210-3521, 104210-3522, 104210-3523, 104210-3560, 104210-3640

24 **Zener V**, 50 **Amp/ diode**, **B+/ threaded** M8/28.00, **ID** 29.44, **OD** 117.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 12, **Capacitor** w/o

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237613 Rectifier

Servicing: 104210-3510, 104210-3511, 104210-3512, 104210-3513, 104210-3531, 104210-3532, 104210-3630, 104210-3761, 104210-3762

20/24 **Zener V**, 50 **Amp/ diode**, **B+/ threaded** M8/14.00, **ID** 29.75, **OD** 117.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 7, **Capacitor** w/o
Alternative no.: B237613

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Available while stock last, * Program development.



237648 Rectifier

Replacing: 021580-6490

Servicing: 104210-3290, 104210-3291, 104210-3292, 104210-3293

14 **V**, 50 **Amp/ diode**, **ID** 30.00, **OD** 117.00, **B+/ threaded** M6/29.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6



238063 Rectifier

Replacing: 021580-6610

Servicing: 104210-2320, 104210-3410, 104210-3411, 104210-3431, 104210-3780, 104210-4101, 104210-4102, 104210-4521, 104210-5150

14 **V**, 22 **Zener V**, 50 **Amp/ diode**, **B+/ threaded** M6/11.00, **OD** 117.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o

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239026 Rectifier

Replacing: 021580-6510

Servicing: 102211-2760, 104210-8020, 104210-8021, 104210-8210, 104210-8220, 104210-8240, 104210-8241, 104210-8310, 104210-8430

14 **V**, 6-35 **Amp/ diode**, **B+/ threaded** M6, **OD** 107.00, **Mount. dist.** 60.70, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6



239982 Rectifier

Servicing: 102211-8650, 102211-8651, 102211-8660, 102211-8661

50 **Amp/ diode**, **B+/ threaded** M8/35.80, **OD** 120.81, **B+ type** Bolt, **No./ diodes** 6, **Diode type** Avalanche, **Capacitor** w/o

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NEW PRODUCT
www.hc-cargo.com

330636 Rectifier

Servicing: 104210-3911

14 **V**, **B+/ threaded** M8/40.70, **ID** 28.82, **OD** 115.77, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 6, **Capacitor** w/o

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NEW PRODUCT
www.hc-cargo.com

330958* Rectifier

Servicing: 104210-9010, 104210-9011

14 **V**, **B+/ threaded** M6/10.00, **ID** 28.50, **OD** 106.10, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 6, **Capacitor** w/o

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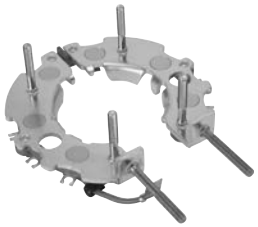


332257 Rectifier

Servicing: 101210-0162, 102211-8642, 102211-8652, 102211-8662

14 **V**, 22 **Zener V**, **B+/ threaded** M8/35.00, **OD** 121.90, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 6, **Capacitor** w/o

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333053 Rectifier

B+/ threaded M5/41.00, **OD** 113.60, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/o

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333401 Rectifier

Servicing: 104210-1060, 104210-3170, 104210-3171, 104210-3710, 104210-3711, 104210-4270, 104210-4660

14 **V**, **B+/ threaded** M8/12.00, **ID** 28.50, **OD** 116.00, **Mount. dist.** 32.41, **B+ type** Bolt, **No./ diodes** 12, **Brush gear** w/o

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NEW PRODUCT
www.hc-cargo.com

333440* Rectifier

Replacing: 021580-5931, 021580-5911

Servicing: 421000-0051, 421000-0111, 421000-0120

12-40 **Amp/ diode**, **B+/ threaded** M8x1.25/42.00, **OD** 117.00, **Diode type** Press-fit

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NEW PRODUCT
www.hc-cargo.com

333441* Rectifier

20/24 **Zener V**, 6-50 **Amp/ diode**, **B+/ threaded** M6x1.00, **OD** 109.00, **Diode type** Avalanche

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NEW PRODUCT
www.hc-cargo.com

333662* Rectifier

14 **V**, 12-50 **Amp/ diode**, **B+** M8, **OD** 117.00, **Diode type** Avalanche

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Rectifier Parts

Terminals

Pkg. 5



232630 Terminal Bolt

Servicing: 100211-1040, 100211-1041, 100211-1090, 100211-1091, 100211-1141, 100211-1150, 100211-1200, 100211-1201, 100211-1230

Thread size M5-0.80, **Total length** 38.50, **Thread length** 18.55

KNURL O.D. 6.70 mm.

Various

Pkg. 10



136303 Insulator for Diode Trio

Servicing: 021000-0140, 021000-6800, 021000-8230, 021000-8231, 021000-8310, 021000-8311, 021600-1491, 100211-0050, 100211-0540



137207# Insulator

Servicing: 121000-3440, 121000-3450, 121000-4120

HC-CARGO 134026, 134088, 134344, 135032, 135033, 134064, 135233.

Pkg. 5



232631 Connection

Servicing: 021602-5230, 101211-9931, 102211-2310

Mount hole 5.55, **Mount. hole 2** 6.60, **Total length** 23.50

Bearings

Ball Bearings

Pkg. 9



142075 Ball Bearing

Replacing: 949100-6750, 949100-5010, 949100-4370, 949100-3330

Servicing: 100211-0120, 100211-2400, 100211-2820, 100211-2830, 100211-2840, 100211-2850, 100211-2860, 100211-5020, 100211-6000

ID 17.00, **OD** 52.00, **Height** 16.00, **Lock ring** w/o, **Oil seals** w/o, **Bushing** w/o

To use for units w/ free wheel pulley.

Special Bearings



140236 Ball Bearing

Replacing: 949100-2140

Servicing: 100211-0071, 100211-0081, 100211-0280, 100211-0290, 100211-0291, 100211-0292, 100211-0790, 100211-0995, 100211-2950

ID 12.00, **OD** 35.00, **Height** 18.00, **Lock ring** w/o, **Oil seals** w/o, **Teflon ring** w/o, **Bushing** w/o

Pkg. 10



140237 Ball Bearing

Replacing: 949100-5360, 949100-4440, 949100-3980, 949100-2790

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3700, 100210-3780

ID 15.00, **OD** 35.00, **Height** 13.00

Pkg. 10



140239 Ball Bearing

Replacing: 949100-4620, 949100-3462, 949100-3461, 949100-3450, 949100-3380, 949100-3361, 949100-3360

Servicing: 081000-1321, 081000-1480, 081000-1611, 081000-1660, 081000-1700, 081000-1701, 081000-1740, 081000-1760, 081000-1970

ID 15.00, **OD** 46.00, **Height** 14.00

Pkg. 10



140441 Ball Bearing

Replacing: 949100-3660, 949100-3650, 949100-3230, 949100-3170

Servicing: 100211-1280, 100211-1400, 100211-1410, 100211-1411, 100211-1420, 100211-1440, 100211-1492, 100211-1520, 100211-1550

ID 15.00, **OD** 32.00, **Height** 11.00

Pkg. 10



140443 Ball Bearing

Replacing: 949100-3290, 949100-3190

Servicing: 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020, 100211-1021, 100211-1030, 100211-1031, 100211-1040

ID 15.00, **OD** 43.00, **Height** 13.00, **Lock ring** w/o, **Oil seals** Dual, **Teflon ring** w/, **Bushing** w/o

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#Available while stock last, * Program development.

Pkg. 10



140461 Ball Bearing

Replacing: 949100-3481, 949100-3480

Servicing: 100211-1280, 100211-1520, 100211-1560, 100211-1570, 100211-1571, 100211-1601, 100211-1620, 100211-4111, 100211-4112

ID 15.00, **OD** 38.00, **Height** 19.00

Pkg. 10



140462 Ball Bearing

Replacing: 949100-5750, 949100-3821, 949100-3820

Servicing: 028000-8850, 100211-1001, 100211-1170, 100211-1171, 100211-2021, 100211-2040, 100211-3040, 100211-3060, 100211-3070

ID 15.00, **OD** 52.00, **Height** 16.00

Pkg. 10



140630 Ball Bearing

Replacing: 949100-3270

Servicing: 100211-1600

ID 15.00, **OD** 36.00, **Height** 18.00

Pkg. 10



140960 Ball Bearing

Replacing: 949100-4840

Servicing: 100211-8000, 100211-8110, 100211-8240, 100211-8560, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124

ID 8.00, **OD** 28.00, **Height** 9.00

Pkg. 10



142016 Ball Bearing

Replacing: 142016

Servicing: 102211-5600, 102211-5660, 102211-5670, 104210-8020, 104210-8021, 104210-8220, 104210-8240, 104210-8241, 104210-9010

ID 15.00, **OD** 42.00, **Height** 13.00, **Lock ring** w/, **Teflon ring** w/, **Bushing** w/o

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Fans & Pulleys

Fans



139163# Fan

Replacing: 021051-0490, 021051-0430

Servicing: 021000-7090, 021000-7160, 021000-9850, 021000-9851, 021000-9861, 021000-9930, 021000-9931, 021000-9960, 021000-9980

OD 135.00, **Bore dia.** 20.00, **Height** 17.00, **Fans** 12, **Pulley** w/o

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231509# Fan

Replacing: 27441-64060, 021051-0880

Servicing: 100210-2760, 100213-0260, 100213-0280, 100213-0300, 100213-0610, 100213-0750, 100213-0760, 100213-0790, 100213-0850

OD 139.50, **Bore dia.** 20.00, **Height** 19.25, **Fans** 12, **Pulley** w/o

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231551 Fan

Replacing: 021051-0800, 021051-0530, 021051-0320

Servicing: 021000-0351, 021000-0812, 021000-0813, 021000-0814, 021000-1083, 021000-1242, 021000-1602, 021000-1608, 021000-2490

OD 118.00, **Bore dia.** 15.00, **Height** 15.60, **Fans** 12, **Pulley** w/o

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231664# Fan

Replacing: 021051-0510, 021051-0290, 021051-0280, 021051-0120

Servicing: 021000-0441, 021000-3630, 021000-3641, 021000-4510, 021000-5020, 021000-5030, 021000-5040, 021000-5046, 021000-5051

OD 135.00, **Bore dia.** 17.00, **Height** 16.95, **Fans** 12, **Pulley** w/o

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Pulleys



131193 Pulley

Replacing: 021041-2810

Servicing: 021000-8410, 021000-8710, 021000-9130, 121000-0320

OD 83.60, **Bore dia.** 17.00, **Width** 21.50, **Depth** 19.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

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131196 Pulley

Replacing: 021041-3980

Servicing: 021000-0470, 021000-1321, 021000-1322, 021000-1330, 021000-1332, 021000-1340, 021000-1342, 021000-1343, 021000-1800

OD 68.45, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 21.05, **Depth** 17.00, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1
Alternative no.: 610002



131204 Pulley

Replacing: 021041-2011, 021041-2000

Servicing: 021000-0814, 021000-3061, 021000-4570, 021000-5450, 021000-5600, 021000-8120, 021000-8130, 021000-8140, 021000-8610

OD 73.00, **Bore dia.** 15.00, **Width** 22.00, **Depth** 18.80, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



131842 Pulley

Replacing: 021041-3800

Servicing: 021000-6771, 021000-6772, 121000-1010, 121000-1011, 121000-1012

OD 56.00, **Bore dia.** 17.00, **Width** 23.20, **Depth** 14.00, **Pulley type** SP, **Grooves** 5



132834 Pulley

Replacing: 021041-5410, 021041-4410, 021041-3820

Servicing: 100211-1030, 100211-1031, 100211-1090, 100211-1091, 100211-1150, 100211-2060, 100211-2061, 100211-2080, 100211-2160

OD 59.35, **Bore dia.** 15.00, **Dist./ back** 6.00, **Width** 35.40, **Depth** 23.50, **Pulley type** SP, **Grooves** 7



132835 Pulley

Replacing: 021041-6100, 021041-5580, 021041-5360, 021041-4520, 021041-4420, 021041-4210, 021041-4110

Servicing: 100211-0120, 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1050, 100211-1060, 100211-1061, 100211-1090

OD 54.00, **Bore dia.** 15.00, **Dist./ back** 6.00, **Width** 27.90, **Depth** 17.00, **Pulley type** SP, **Grooves** 5



133344 Pulley

Replacing: 021041-6160, 021041-6130, 021041-5160, 021041-4870, 021041-4530, 021041-4500, 021041-3960

Servicing: 100211-1210, 100211-1211, 100211-1212, 100211-1260, 100211-1261, 100211-1270, 100211-1271, 100211-1310, 100211-1311

OD 57.00, **Bore dia.** 15.00, **Dist./ back** 4.75, **Width** 21.40, **Depth** 12.00, **Pulley type** SP, **Grooves** 3



133345 Pulley

Replacing: 021041-4460

Servicing: 100211-1341, 100211-6790, 101211-0560

OD 54.60, **Bore dia.** 15.00, **Dist./ back** 11.20, **Width** 24.00, **Depth** 8.40, **Pulley type** SP, **Grooves** 4



133517 Pulley

Replacing: 021041-7290, 021041-5290, 021041-4990, 021041-4940, 021041-4540, 021041-4300, 021041-4260

Servicing: 100211-1280, 100211-1440, 100211-1560, 100211-1580, 100211-1590, 100211-1600, 100211-1601, 100211-2221, 100211-4170

OD 49.05, **Bore dia.** 15.00, **Dist./ back** 4.50, **Width** 22.50, **Depth** 13.00, **Pulley type** SP, **Grooves** 4



133685 Pulley

Replacing: 021041-6490, 021041-4670

Servicing: 100211-2010, 100211-2011, 100211-2140, 100211-2150, 100211-2151, 100211-3300, 100211-3310, 100211-3311, 100211-7250

OD 64.30, **Bore dia.** 15.00, **Dist./ back** 5.00, **Width** 28.40, **Depth** 17.30, **Pulley type** SP, **Grooves** 5



133688 Pulley

Replacing: 021041-3410

Servicing: 100210-2600, 100210-2660, 100210-2700, 100210-2750, 100210-2810, 100210-2820, 100210-3040, 100210-3080, 100210-3250

OD 66.95, **Bore dia.** 20.00, **Width** 38.00, **Depth** 27.50, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2

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Available while stock last, * Program development.



134325[#] Pulley

Replacing: 021041-2520

Servicing: 021000-6190, 021000-6520, 021000-6560, 021000-6750, 021000-7830, 021000-8530, 100211-0040, 100211-0050, 100211-0090

OD 71.90, **Bore dia.** 17.00, **Width** 35.55, **Depth** 20.80, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



134712 Pulley

Replacing: 021041-1741, 021041-1740, 021041-0821

Servicing: 021000-5040, 021000-6580, 021000-6610, 021000-6611, 021000-6612, 021000-7520, 021000-7661, 021000-7662, 021000-7810

OD 67.95, **Bore dia.** 15.00, **Width** 14.00, **Depth** 4.90, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



135458[#] Pulley

Replacing: 021041-3650

Servicing: 021000-0140, 021000-0441, 021000-5190, 021000-8270, 021000-8271, 021000-8310, 021000-8311, 100211-0730, 100211-0731

OD 62.70, **Bore dia.** 17.00, **Width** 23.80, **Depth** 10.00, **Pulley type** SP, **Grooves** 4



135627 Pulley

Replacing: 021041-5230

Servicing: 100211-4000, 100211-4001, 100211-4002, 100211-4003, 100211-4004, 100211-4103, 100211-4104, 100211-4190, 100211-4191

OD 75.90, **Bore dia.** 15.00, **Dist./ back** 6.70, **Width** 36.50, **Depth** 24.70, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1



135628 Pulley

Replacing: 021041-7370, 021041-5890

Servicing: 100210-3270, 100210-3350, 100210-3360, 100210-3400, 100210-3460, 100210-3580, 100210-3660, 100210-3680, 100210-3760

OD 77.10, **Bore dia.** 20.00, **Width** 45.55, **Depth** 35.50, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



136081 Pulley

Replacing: 021041-4741

Servicing: 100211-1520, 100211-1620, 100211-3680, 100211-4160, 100211-4320, 100211-4410, 100211-6750, 101211-0521, 101211-0522

OD 50.00, **Bore dia.** 15.00, **Dist./ back** 4.00, **Width** 26.10, **Depth** 17.00, **Pulley type** SP, **Grooves** 5



136096 Pulley

Replacing: 021041-5700, 021041-4960

Servicing: 100211-1570, 100211-1571, 100211-6040, 100211-6600, 100211-6640, 100211-6720, 100211-6790, 100211-6920, 100211-9190

OD 55.00, **Bore dia.** 15.00, **Dist./ back** 3.80, **Width** 23.30, **Depth** 14.30, **Pulley type** SP, **Grooves** 4



136102[#] Pulley

Replacing: 021041-4980, 021041-3791

Servicing: 100210-2760, 100213-0260, 100213-0280, 100213-0300, 100213-0600, 100213-0610, 100213-0750, 100213-0760, 100213-0850

OD 74.40, **Bore dia.** 20.00, **Width** 20.85, **Depth** 11.50, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



136152 Pulley

Replacing: 081021-0070, 081021-0060

Servicing: 081000-1321, 081000-1480, 100210-3070, 100210-3190, 100210-3210, 100210-3410, 100213-0421, 100213-0451, 100213-0700

OD 74.40, **Bore dia.** 15.00, **Width** 21.00, **Depth** 10.80, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



136291[#] Pulley

Replacing: 021041-6830, 021041-6501

Servicing: 100213-1120, 100213-1210, 100213-1450, 100213-1500, 100213-1560, 121000-5250, 121000-5350, 121000-5480, 121000-7870

OD 96.05, **Bore dia.** 20.00, **Width** 18.15, **Depth** 9.10, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



136452[#] Pulley

Servicing: 100211-8030, 100211-8031, 101211-5870, 121000-3000, 121000-3310, 121000-3390, 121000-4010, 121000-4060

OD 63.10, **Bore dia.** 17.00, **Dist./ back** 4.85, **Width** 28.40, **Depth** 17.30, **Pulley type** SP, **Grooves** 5

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136453 Pulley

Servicing: 121000-3100, 121000-3330, 121000-3360, 121000-3370, 121000-3410, 121000-4030, 121000-4040, 121000-4100

OD 72.30, **Bore dia.** 17.00, **Dist./ back** 5.90, **Width** 34.30, **Depth** 23.20, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



136454# Pulley

Servicing: 100211-8610, 100211-8611, 101211-5340, 101211-5410, 101211-5700, 101211-9180, 101211-9570, 102211-1430, 102211-1780

OD 62.55, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 23.90, **Depth** 12.75, **Pulley type** SP, **Grooves** 4



136608 Pulley

Servicing: 100211-2830, 100211-2840, 100211-2860

OD 60.10, **Bore dia.** 17.00, **Dist./ back** 7.30, **Width** 28.60, **Depth** 16.80, **Pulley type** SP, **Grooves** 5



137393 Pulley

Replacing: 021041-5950

Servicing: 100211-7170, 100211-7370, 100211-7380, 100211-7670, 101211-0330, 101211-0331, 101211-0332, 101211-0600, 101211-0601

OD 87.15, **Bore dia.** 15.00, **Dist./ back** 4.90, **Width** 24.90, **Depth** 14.80, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1



137650 Pulley

Replacing: 021041-7360

Servicing: 101211-5100, 101211-5120, 101211-5130, 101211-5170, 101211-9200

OD 96.30, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 21.40, **Depth** 10.75, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



137655 Pulley

Replacing: 021041-7270, 021041-5860, 021041-5770

Servicing: 100211-6310, 100211-6450, 100211-8000, 100211-8010, 100211-8050, 100211-8070, 100211-8090, 100211-8110, 100211-8120

OD 54.50, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 27.70, **Depth** 17.85, **Pulley type** SP, **Grooves** 5



137658 Pulley

Replacing: 021041-5190

Servicing: 100211-4140, 100211-4141, 100211-6990, 101211-3050

OD 68.90, **Bore dia.** 15.00, **Dist./ back** 4.60, **Width** 18.70, **Depth** 9.60, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



137662 Pulley

Replacing: 021041-6250, 021041-6230

Servicing: 100211-7090, 100211-7110, 100211-7160, 100211-7320, 100211-7340, 100211-7350, 100211-7440, 100211-7450, 100211-7910

OD 51.60, **Bore dia.** 15.00, **Dist./ back** 4.00, **Width** 27.80, **Depth** 17.50, **Pulley type** SP, **Grooves** 5



137666 Pulley

Replacing: 021041-5570, 021041-3180

Servicing: 021000-9861, 100210-2220, 100210-2221, 100210-2840, 100210-3280, 100210-3720, 100210-3871, 121000-1480

OD 82.00, **Bore dia.** 20.00, **Width** 25.15, **Depth** 15.00, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1



137679# Pulley

Replacing: 021042-6910, 021041-9650, 021041-5440, 021041-5400

Servicing: 100211-3270, 100211-3321, 100211-7290, 100211-7291, 100211-7460, 100211-7620, 100211-7861, 100211-9880, 100211-9940

OD 54.00, **Bore dia.** 15.00, **Dist./ back** 4.70, **Width** 32.00, **Depth** 22.50, **Pulley type** SP, **Grooves** 6



137682 Pulley

Replacing: 021041-5710

Servicing: 100211-3370, 100211-5730, 100211-6660, 100211-6730, 101211-3370, 101211-3770

OD 62.20, **Bore dia.** 15.00, **Dist./ back** 7.30, **Width** 29.70, **Depth** 17.60, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

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137689 Pulley

Replacing: 021041-4490

Servicing: 100211-2030, 100211-2031, 100211-2102, 100211-2410, 100211-2450, 100211-2500, 100211-3160, 100211-7060, 100211-7061

OD 67.00, **Bore dia.** 15.00, **Dist./ back** 5.00, **Width** 18.90, **Depth** 7.75, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



137699 Pulley

Replacing: 081021-0110, 081021-0090

Servicing: 081000-1611, 081000-1660, 081000-1700, 081000-1701, 081000-2100, 081000-2440, 100211-5021, 100211-5031, 100211-5050

OD 74.60, **Bore dia.** 15.00, **Width** 39.10, **Depth** 28.50, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



137959 Pulley

Replacing: 021041-7310

Servicing: 100211-8960, 101211-5570, 101211-5571

OD 57.10, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 46.00, **Depth** 35.25, **Pulley type** SP, **Grooves** 6



137968 Pulley

Replacing: 021041-5170

Servicing: 100211-1661, 100211-1662, 100211-1690, 100211-4300, 100211-4420, 100211-4440, 100211-4540, 101211-1240, 101211-2040

OD 74.30, **Bore dia.** 15.00, **Width** 22.80, **Depth** 20.10, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



137969# Pulley

Replacing: 021041-5240

Servicing: 100211-4210, 100211-6960, 100211-6961, 100211-6970

OD 69.45, **Bore dia.** 15.00, **Dist./ back** 10.70, **Width** 30.20, **Depth** 18.45, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



138973 Pulley

Replacing: 021041-5470

Servicing: 100211-7130, 100211-7140, 100211-7210, 100211-7320, 100211-7340, 100211-7350, 100211-7430, 100211-7870, 100211-7900

OD 60.00, **Bore dia.** 15.00, **Dist./ back** 5.10, **Width** 24.75, **Depth** 14.70, **Pulley type** SP, **Grooves** 4



139345 Pulley

Replacing: 021041-4140, 021041-3682

Servicing: 100211-1400, 100211-1401, 100211-1402, 100211-1610, 100211-1611, 100211-1630, 100211-1640, 100211-1650, 100211-1670

OD 63.10, **Bore dia.** 15.00, **Width** 20.55, **Depth** 18.10, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



230506 Pulley

Replacing: 021041-6640

Servicing: 100211-7830, 100211-7840, 100211-7850, 100211-7880, 101211-0260, 101211-0261, 101211-0262, 101211-0270, 101211-0271

OD 71.20, **Bore dia.** 15.00, **Dist./ back** 5.00, **Width** 33.00, **Depth** 22.70, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



230507 Pulley

Replacing: 021041-7580

Servicing: 101211-0480, 101211-0481, 101211-0570, 101211-0571, 101211-0970, 101211-0971, 101211-0972, 102211-5001, 102211-5002

OD 70.40, **Bore dia.** 15.00, **Dist./ back** 5.00, **Width** 36.80, **Depth** 26.70, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



230530 Pulley

Replacing: 021041-6420

Servicing: 100211-5870, 100211-6030, 100211-6031, 100211-6050, 100211-6051, 100211-6420, 100211-6492, 101211-6030, 101211-6031

OD 79.80, **Bore dia.** 17.00, **Dist./ back** 3.70, **Width** 39.70, **Depth** 31.00, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



230954 Pulley

Replacing: 021041-6780

Servicing: 121000-3440, 121000-3450, 121000-3480, 121000-3510

OD 57.00, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 31.00, **Depth** 20.90, **Pulley type** SP, **Grooves** 6



230959 Pulley

Replacing: 021041-9280

Servicing: 102211-5011, 102211-5012, 102211-5160, 102211-5230, 102211-5231

OD 55.00, **Bore dia.** 15.00, **Dist./ back** 5.00, **Width** 24.04, **Depth** 13.80, **Pulley type** SP, **Grooves** 4

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230960 Pulley

Replacing: 021041-1310

Servicing: 021000-3950

OD 71.90, **Bore dia.** 17.00, **Width** 19.00, **Depth** 5.40, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



231109 Pulley

Replacing: 021041-6680

Servicing: 100211-6120, 100211-6230, 100211-6240, 100211-8410, 101211-5260, 101211-5261, 101211-7010, 101211-7011, 101211-7870

OD 76.60, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 33.10, **Depth** 22.70, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



231283 Pulley

Servicing: 100213-2272, 100213-2320, 100213-2540, 100213-2630, 100213-2790

OD 50.00, **Bore dia.** 15.00, **Dist./ back** 2.50, **Width** 32.00, **Depth** 22.00, **Pulley type** SP, **Grooves** 6



231375 Pulley

Replacing: 021041-1831

Servicing: 021000-6570, 021000-6800, 021000-7260, 021000-7860, 021000-7910, 021000-7911, 021000-7920, 021000-7980, 021000-8220

OD 74.60, **Bore dia.** 17.00, **Width** 20.90, **Depth** 18.20, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



231376 Pulley

Replacing: 021041-2240

Servicing: 021000-0351, 021000-0812, 021000-0813, 021000-0814, 021000-1083, 021000-1242, 021000-1602, 021000-1608, 021000-2490

OD 72.00, **Bore dia.** 15.00, **Dist./ back** 0.00, **Width** 3.20, **Depth** 7.25, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



232164 Pulley

Servicing: 121000-4080, 121000-4090

OD 63.10, **Bore dia.** 17.00, **Dist./ back** 5.10, **Width** 37.70, **Depth** 26.70, **Pulley type** SP, **Grooves** 8



232165 Pulley

Replacing: 021041-6950

Servicing: 100211-8450, 100211-8830, 100211-8840, 100211-8940, 100213-0720, 101211-5040, 101211-5450, 101211-5560, 101211-5610

OD 58.00, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 31.40, **Depth** 20.20, **Pulley type** SP, **Grooves** 6



232347# Pulley

Servicing: 100211-8170, 100211-8270, 100211-8700, 100211-8720, 100211-8780

OD 69.80, **Bore dia.** 17.00, **Dist./ back** 5.10, **Width** 28.10, **Depth** 18.00, **Pulley type** SP, **Grooves** 5



233944 Pulley

Replacing: 021041-5270

Servicing: 100211-1100, 100211-1101, 100211-1121, 100211-1130, 100211-1131, 100211-1160, 100211-1161, 100211-1250, 100211-1251

OD 54.10, **Bore dia.** 15.00, **Dist./ back** 5.30, **Width** 24.70, **Depth** 14.60, **Pulley type** SP, **Grooves** 4



234019 Pulley

Replacing: 021041-5600

Servicing: 100211-6010, 100211-6080, 100211-6110, 100211-6140, 100211-6360, 100211-8000, 100211-8110, 100211-8380, 100211-8440

OD 54.00, **Bore dia.** 17.00, **Dist./ back** 5.60, **Width** 24.80, **Depth** 14.50, **Pulley type** SP, **Grooves** 4



234025 Pulley

Replacing: 021041-8380

Servicing: 101211-9200, 101211-9360, 101211-9520, 101211-9540

OD 89.00, **Bore dia.** 17.00, **Dist./ back** 5.10, **Width** 21.30, **Depth** 10.70, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



234123 Pulley

Servicing: 100213-2530

OD 54.70, **Bore dia.** 15.00, **Dist./ back** 2.20, **Width** 34.40, **Depth** 24.50, **Pulley type** SP, **Grooves** 7

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234913# Pulley

Replacing: 021041-4630

Servicing: 100211-1330, 100211-1331, 100211-2231, 100211-2290, 100211-3020, 101211-4280

OD 69.00, **Bore dia.** 15.00, **Dist./ back** 4.80, **Width** 21.20, **Depth** 10.40, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



235410 Pulley

Replacing: 021041-3830

Servicing: 100211-1000, 100211-1001, 100211-1040, 100211-1041, 100211-1060, 100211-1061, 100211-1140, 100211-1141, 100211-1230

OD 59.10, **Bore dia.** 15.00, **Dist./ back** 6.30, **Width** 30.10, **Depth** 18.40, **Pulley type** SP, **Grooves** 5



235411# Pulley

Servicing: 102211-2220, 102211-2221, 102211-2222, 102211-2223

OD 49.00, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 31.00, **Depth** 21.50, **Pulley type** SP, **Grooves** 6



235532 Pulley

Replacing: 021041-8250

Servicing: 101211-2730, 101211-2731, 101211-2750, 101211-2751, 101211-3350

OD 57.50, **Bore dia.** 15.00, **Dist./ back** 0.30, **Width** 22.50, **Depth** 18.25, **Pulley type** SP, **Grooves** 4



235587 Pulley

Servicing: 102211-1471

OD 48.40, **Bore dia.** 17.00, **Dist./ back** 4.70, **Width** 33.00, **Depth** 22.60, **Pulley type** SP, **Grooves** 6



235590# Pulley

Servicing: 121000-3520, 121000-3521, 121000-3660, 121000-4160, 121000-4161, 121000-4320, 121000-4330, 121000-4331

OD 64.80, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 31.10, **Depth** 21.00, **Pulley type** SP, **Grooves** 6



236489# Pulley

Replacing: 021041-7420, 021041-6580

Servicing: 100211-5710, 100211-5720, 100211-8392, 100211-8490, 100211-8860, 100211-8861, 101211-5710, 101211-5720, 102211-1910

OD 53.90, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 32.00, **Depth** 22.80, **Pulley type** SP, **Grooves** 6



236971 Pulley

Servicing: 102211-8220

OD 53.70, **Bore dia.** 17.00, **Width** 24.60, **Pulley type** SP, **Grooves** 4



237601 Pulley

Servicing: 102211-2770

OD 59.50, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 28.50, **Depth** 18.20, **Rotation** CR/ACR, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 5



239910 Pulley

Servicing: 102211-8280, 102211-8310

OD 53.70, **Bore dia.** 17.00, **Dist./ back** 6.40, **Width** 39.00, **Depth** 25.60, **Pulley type** SP, **Grooves** 4



332271 Pulley

Servicing: 101211-7370

OD 59.20, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 24.60, **Depth** 14.40, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 4

Freewheel Pulleys



230314 Freewheel Pulley

Replacing: 021040-0970

Servicing: 102211-0500

Thread size M14-1.50 L, **OD** 55.60, **Bore dia.** 17.00, **Dist./ back** 7.00, **Width** 41.65, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332298



230525 Freewheel Pulley

Replacing: 021040-0960

Thread size M14-1.50, **OD** 58.75, **Bore dia.** 17.00, **Dist./ back** 7.00, **Width** 41.50, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



233990 Freewheel Pulley

Replacing: 72011-0750

Thread size M16-1.50, **OD** 59.40, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 35.50, **Rotation** CR, **Grooves** 6, **Pulley type** SP/FW

Pulley tool: HC-CARGO 210843.

Alternative no.: 332304



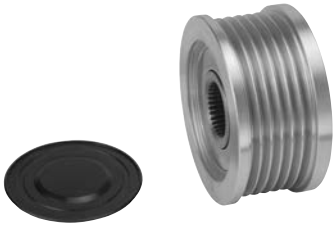
235696 Freewheel Pulley

Replacing: 021040-1570

Servicing: 104210-2780, 104210-5020

Thread size M14-1.50, **OD** 61.65, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 38.50, **Depth** 1.00, **Grooves** 5, **Pulley type** SP/FW

Alternative no.: 333363



235719 Freewheel Pulley

Servicing: 101210-0990, 102211-8270, 102211-8640, 102211-8641, 102211-8642, 102211-8650, 102211-8651, 102211-8652, 102211-8660

Thread size M16-1.50, **OD** 61.45, **Bore dia.** 17.00, **Dist./ back** 8.50, **Width** 40.40, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6

Alternative no.: 333135



235794 5✦ Freewheel Pulley

Manufacturer: Litens

Replacing: 021040-1450

Servicing: 104210-4240, 104210-4241, 121000-3841, 121000-3842, 121000-3843, 121000-3846, 121000-3850, 121000-3851, 121000-4391

Thread size M14-1.50, **OD** 58.00, **Bore dia.** 17.00, **Dist./ back** 4.35, **Width** 45.00, **Depth** 12.35, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6



235874 Freewheel Pulley

Thread size M14-1.50, **OD** 48.70, **Bore dia.** 17.00, **Dist./ back** 5.40, **Width** 40.00, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6



236332 Freewheel Pulley HC-CARGO

Servicing: 102211-2760, 104210-3050, 104210-3051, 104210-3052, 104210-3060, 104210-3250, 104210-3251, 104210-3252, 104210-3431

Thread size M14-1.50, **OD** 58.00, **Bore dia.** 17.00, **Dist./ back** 5.60, **Width** 40.80, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843.

Alternative no.: 332310



236763 Freewheel Pulley

Replacing: 021040-1020

Servicing: 102211-2310, 104210-3410, 104210-3411, 104210-5440

Thread size M14-1.50, **OD** 58.10, **Bore dia.** 17.00, **Dist./ back** 7.45, **Width** 41.30, **Depth** 11.70, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 7



237500 Freewheel Pulley

Servicing: 100213-2940, 100213-2950, 100213-2980, 100213-2990, 100213-2991, 100213-2993, 102213-2993

Thread size M14-1.50, **OD** 59.40, **Bore dia.** 15.00, **Dist./ back** 2.50, **Width** 38.50, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



237587 Freewheel Pulley

Replacing: 021040-1410, 021040-1100

Servicing: 102211-2780, 104210-4450

Thread size M14-1.50, **OD** 60.00, **Bore dia.** 17.00, **Dist./ back** 4.10, **Width** 36.30, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843.



237610 Freewheel Pulley

Servicing: 104210-2710, 104210-3511, 104210-3512, 104210-3513, 104210-3520, 104210-3521, 104210-3522, 104210-3523

Thread size M14-1.50, **OD** 54.10, **Bore dia.** 17.00, **Dist./ back** 5.20, **Width** 38.90, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: 17 mm unbraco top.

Alternative no.: 332315. B237610

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



237619 Freewheel Pulley HC-CARGO

Servicing: 104210-3761, 104210-3762, 104210-3821, 104210-5790

Thread size M14-1.50, **OD** 49.30, **Bore dia.** 17.00, **Dist./ back** 4.55, **Width** 40.00, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332312



330221 Freewheel Pulley

Replacing: 121041-0580

Servicing: 101210-0950, 101210-0951, 101210-0960, 101210-0961, 101210-0970, 101210-0971, 101210-1120, 101210-1190, 102211-8610

Thread size M17-1.50, **OD** 53.90, **Bore dia.** 17.00, **Dist./ back** 4.70, **Width** 39.60, **Pulley type** SP/FW, **Grooves** 6

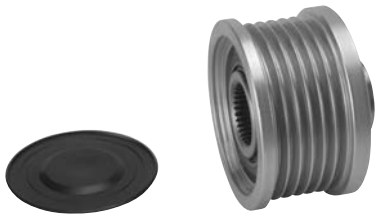
Alternative no.: 332316



330281 Freewheel Pulley

Servicing: 104210-3710, 104210-3711

Thread size M14-1.50, **OD** 57.25, **Bore dia.** 17.00, **Dist./ back** 5.26, **Width** 38.92, **Pulley type** SP/FW, **Grooves** 8



330287 Freewheel Pulley

Replacing: 121041-1140

Servicing: 101210-0160, 101210-0161, 101210-0162, 101210-0870, 101210-0871, 101210-1090

Thread size M17-1.50, **OD** 54.00, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 40.85, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



330359 Freewheel Pulley

Servicing: 104210-4101, 104210-4102, 104210-5150

Thread size M14-1.50, **OD** 62.50, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 38.15, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6



330527 Freewheel Pulley

Servicing: 104210-4521, 104210-4591, 104210-4771, 104210-5140

Thread size M14-1.50, **OD** 57.67, **Bore dia.** 17.00, **Dist./ back** 5.90, **Width** 36.25, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 7



330634 Freewheel Pulley

Servicing: 104210-3911, 104210-4860

Thread size M14-1.50, **OD** 70.05, **Bore dia.** 17.00, **Dist./ back** 5.10, **Width** 39.30, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 7



330850 Freewheel Pulley

Replacing: 021040-1550

Servicing: 104210-4660, 104210-4790, 104210-4810, 104210-4880, 104210-4881

Thread size M14-1.50, **OD** 54.88, **Bore dia.** 17.00, **Dist./ back** 5.72, **Width** 39.05, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 7



331742 Freewheel Pulley

Replacing: 021040-1210

Servicing: 104210-3560, 104210-4640

Thread size M14-1.50, **OD** 55.50, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 39.00, **Pulley type** SP/FW, **Grooves** 5



331792 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: 021040-1181, 021040-1180, 021040-1042, 021040-1040, 021040-1001

Servicing: 421000-0081, 421000-0082, 421000-0083, 421000-0086

Thread size M14-1.50, **OD** 57.40, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 51.40, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



332133 Freewheel Pulley

Replacing: 021040-1070

Servicing: 102211-2810, 102211-5600, 102211-5670, 104210-8020, 104210-8021, 104210-8220, 104210-8240, 104210-8241

Thread size M14-1.50, **OD** 58.10, **Bore dia.** 15.00, **Dist./ back** 3.55, **Width** 41.30, **Pulley type** SP/FW, **Grooves** 7

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



332298 Freewheel Pulley HC-CARGO

Replacing: 021040-0970

Servicing: 102211-0500

Thread size M14-1.50 L, **OD** 55.60, **Bore dia.** 17.00, **Dist./ back** 5.20, **Width** 42.60, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 230314



332304 Freewheel Pulley HC-CARGO

Replacing: 72011-0750

Servicing: 02131-9261, 02131-9262

Thread size M16-1.50, **OD** 59.70, **Bore dia.** 17.00, **Dist./ back** 0.10, **Width** 39.50, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 233990



332310 Freewheel Pulley

Servicing: 102211-2760, 104210-3050, 104210-3051, 104210-3052, 104210-3060, 104210-3250, 104210-3251, 104210-3252, 104210-3430

Thread size M14-1.50, **OD** 58.00, **Bore dia.** 17.00, **Dist./ back** 4.80, **Width** 38.40, **Depth** 12.10, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843.

Alternative no.: 236332



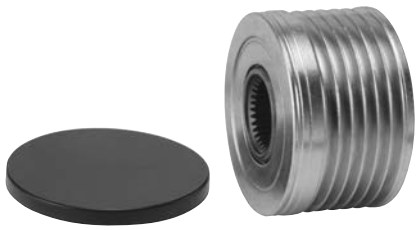
332315 Freewheel Pulley HC-CARGO

Servicing: 104210-2710, 104210-3511, 104210-3512, 104210-3513, 104210-3520, 104210-3521, 104210-3522, 104210-3523

Thread size M14-1.50, **OD** 54.80, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 43.30, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: 17 mm unbraco top.

Alternative no.: 237610



332316 Freewheel Pulley HC-CARGO

Replacing: 121041-0580

Servicing: 101210-0950, 101210-0951, 101210-0960, 101210-0961, 101210-0970, 101210-0971, 101210-1110, 101210-1120, 101210-1121

Thread size M17-1.50, **OD** 54.00, **Bore dia.** 17.00, **Dist./ back** 4.30, **Width** 37.40, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6

Alternative no.: 330221



332486 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: 021040-1622, 021040-1441, 021040-1440, 021040-1320, 021040-1170

Servicing: 104210-1060, 104210-2180, 104210-2181, 104210-5290, 421000-0021, 421000-0022, 421000-0023, 421000-0024, 421000-0025

Thread size M14-1.50, **OD** 55.00, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 43.00, **Depth** 10.40, **Pulley type** SP/FW, **Grooves** 6



333062 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: 021040-1340

Servicing: 104210-4571, 104210-4670

Thread size M14-1.50, **OD** 52.50, **Bore dia.** 17.00, **Dist./ back** 4.30, **Width** 41.10, **Depth** 10.50, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 7



333069 Freewheel Pulley

Replacing: 121041-1440

Thread size M17-1.50, **OD** 54.00, **Bore dia.** 17.00, **Dist./ back** 4.90, **Width** 39.80, **Depth** 14.10, **Pulley type** SP/FW, **Grooves** 5



333085 Freewheel Pulley

Thread size M14-1.50, **OD** 60.00, **Bore dia.** 17.00, **Dist./ back** 3.40, **Width** 39.90, **Depth** 13.60, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 7



333135 Freewheel Pulley HC-CARGO

Thread size M16-1.50, **OD** 61.50, **Bore dia.** 17.00, **Dist./ back** 8.00, **Width** 43.40, **Depth** 14.10, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6

Alternative no.: 235719

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#Available while stock last, * Program development.



333331 Freewheel Pulley

Servicing: 104210-2320, 104210-2520

Thread size M14-1.50, **OD** 57.90, **Bore dia.** 17.00, **Dist./ back** 9.10, **Width** 42.80, **Depth** 12.00, **Belt type** Multi Belt, **Pulley type** FW, **Grooves** 6



333363 Freewheel Pulley HC-CARGO

Replacing: 021040-1570

Thread size M14-1.50, **OD** 6O.00, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 40.60, **Depth** 11.10, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 5
Alternative no.: 235696



333432 5★ Freewheel Pulley OAD

Manufacturer: Litens

OD 55.00, **Bore dia.** 17.00, **Width** 41.00, **Depth** 15.33, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



333433 5★ Freewheel Pulley OAD

Manufacturer: Litens

Replacing: 021040-1900

Thread size M14-1.50, **OD** 60.27, **Bore dia.** 17.00, **Width** 40.95, **Depth** 12.00, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



333435 5★ Freewheel Pulley OAD

Manufacturer: Litens

Replacing: 021040-1980

Thread size M17-1.50, **OD** 54.12, **Bore dia.** 17.00, **Width** 41.00, **Depth** 14.00, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



333438 5★ Freewheel Pulley OAD

Manufacturer: Litens

Thread size M14-1.50, **OD** 63.00, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 41.00, **Depth** 13.00, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



333453 5★ Freewheel pulley OAD

Manufacturer: Litens

Replacing: 121041-0580

Thread size M17-1.50, **OD** 54.00, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 51.00, **Depth** 13.50, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



333454 5★ Freewheel pulley OAD

Manufacturer: Litens

Thread size M14-1.50, **OD** 55.00, **Bore dia.** 17.00, **Width** 50.00, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 7
Alternative no.: 330850

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333634* Freewheel Pulley

Replacing: 021040-1070

Thread size M14-1.50, **Bore dia.** 15.00, **Grooves** 7

Pulley Parts

Spacers

Pkg. 10



134273 Spacer for Pulley

Replacing: 949192-0900

Servicing: 021000-0351, 021000-0814, 021000-1603, 021000-2840, 021000-2991, 021000-3040, 021000-3061, 021000-4110, 021000-4550

ID 15.50, **OD** 21.60, **Height** 5.90

Pkg. 5



136238 Spacer for Pulley

ID 17.00, **OD** 22.00, **Height** 9.00

Pkg. 5



230995 Spacer for Pulley

Replacing: 021045-0700

Servicing: 100211-1540, 100211-1550, 100211-1580, 100211-1590, 100211-1610, 100211-1611, 100211-1630, 100211-1640, 100211-1650

ID 14.00, **OD** 28.00, **Height** 8.00

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#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



231506[#] Spacer for Pulley

Replacing: 021045-0011

Servicing: 021000-0430, 021000-3630, 021000-3641, 021000-5020, 021000-5030, 021000-5040, 021000-5046, 021000-5060, 021000-5080

ID 17.00, **OD** 23.00/32.70, **Height** 12.00

Pkg. 10



231602 Spacer for Pulley

Replacing: 27412-57060, 021045-0300

Servicing: 021000-9850, 021000-9851, 021000-9861, 021000-9930, 021000-9931, 021000-9960, 021000-9980, 100210-2211, 100210-2220

ID 20.00, **OD** 28.90, **Height** 7.20

Pkg. 10



234200 Spacer for Pulley

Servicing: 15, 16, 17, 18 ACR, 021000-2991, 021000-3040, 021000-5490, 021000-5600, 021000-9561

ID 15.10, **OD** 21.40, **Height** 9.50

Tools



210843 Combi Tool

Replacing: 210843

Servicing: Bosch Alternators

33 teeth combi tool for the disassembly and assembly of the free wheel pulley. XZN 10x110 mm, w/ 1/2" socket and 22 mm hexagon.



210948 Combi Tool

Replacing: 210948

Servicing: Audi, VW, MB, SEAT, Skoda

33 teeth combi tool for the disassembly and assembly of the free wheel pulley, XZN 10x135 mm, w/ 1/2" socket and 22 mm hexagon.

Vacuum Pumps



231402 Vacuum Pump

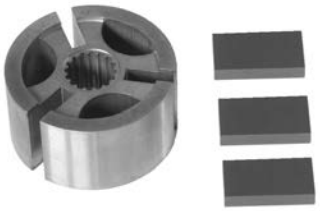
Replacing: 081000-2520, 081000-2460, 081000-1700

Servicing: 100211-5090, 100211-5250, 100213-0941, 100213-1011, 100213-1030, 100213-1040, 100213-1050, 100213-1130, 100213-1140

Splines/ rotor 16, **Splines/ shaft** 16

Vacuum Pump Parts

Rotors



134395 Rotor for Vacuum Pump

Replacing: 081200-0170

Servicing: 081000-1321, 081000-1480, 081000-1611, 100210-3190, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3780

OD 44.20, **Height** 23.00, **No./ splines** 16



134396 Rotor for Vacuum Pump

Replacing: 081200-0130

Servicing: 021000-9860, 021000-9980, 081000-1170, 081000-1491, 100210-2220, 100210-2221, 100210-2290, 100210-2302, 100210-2340

OD 53.30, **Height** 23.00, **No./ splines** 18



139230 Rotor for Vacuum Pump

Replacing: 081200-0220

Servicing: 081000-1780, 081000-1880, 081000-1900, 100210-3650, 100210-3660, 100210-3670, 100210-3680, 100210-3720, 100210-3760

OD 50.40, **Height** 23.00, **No./ splines** 10

Vane set: HC-CARGO 133282.



231231 Rotor for Vacuum Pump

Replacing: 081200-0240

Servicing: 100213-2272, 100213-2320, 100213-2470, 100213-2471, 100213-2530, 100213-2540, 100213-2580, 100213-2630, 100213-2790

OD 44.20, **Height** 23.00, **No./ splines** 16

Vane set: HC-CARGO 133321.



231843[#] Rotor for Vacuum Pump

Replacing: 081200-0210

Servicing: 081000-1770, 081000-1830, 081000-1960, 081000-2130, 081000-2140, 100210-3580, 100210-3770, 100210-3820, 100210-3821

OD 51.30, **Height** 40.00, **No./ splines** 10

Vane set: HC-CARGO 135286.

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

[#]Available while stock last, ***** Program development.



231859 Rotor for Vacuum Pump

Replacing: 081200-0150

Servicing: 021000-9851, 021000-9930, 081000-1360, 081000-1500, 081000-1510, 081000-1520, 100210-2250, 100210-2251, 100210-2860

OD 51.30, **Height** 40.00, **No./ splines** 18

Vane set: HC-CARGO 135286.

Vane Sets

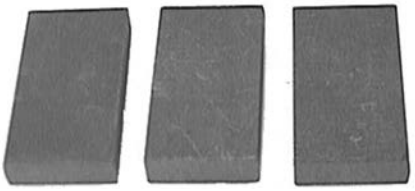


133282 Vane Set

Replacing: 081204-0110

Servicing: 021000-0013, 021000-0041, 021000-0720, 021000-0740, 021000-0890, 021000-1480, 021000-1640, 021000-9851, 021000-9860

Length 23.10, **Height** 6.10, **Width** 14.80

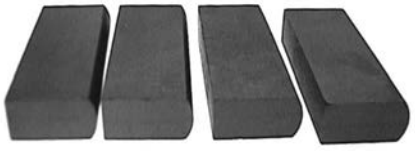


133283 Vane Set

Replacing: 081204-0250, 081204-0240

Servicing: 081000-1321, 081000-1480, 081000-1611, 081000-1660, 081000-1700, 081000-1701, 081000-1740, 081000-1760, 081000-1970

Length 23.00, **Height** 4.10, **Width** 12.70

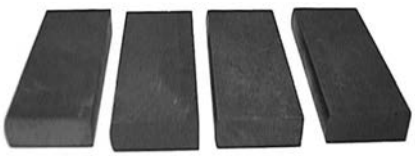


133813 Vane Set

Replacing: 081204-0080

Servicing: 021000-2422, 021000-2522, 021000-2532, 021000-2542, 021000-4900, 021000-5310, 021000-5380, 021000-7310, 021000-7320

Length 35.20, **Height** 7.10, **Width** 13.50



135286 Vane Set

Replacing: 081204-0220, 081204-0210

Servicing: 021000-9850, 021000-9851, 081000-1260, 081000-1360, 081000-1500, 081000-1510, 081000-1520, 081000-1770, 081000-1771

Length 40.00, **Height** 6.08, **Width** 15.10

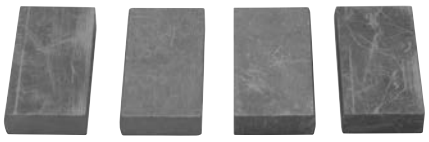


230321 Vane Set

Replacing: 081204-0290

Servicing: 081000-2272, 081000-2430, 081000-2440, 100213-1030, 100213-1040, 100213-1050, 100213-1060, 100213-1130, 100213-1140

Length 23.00, **Height** 5.06, **Width** 12.70



330396 Vane Set

Length 33.00, **Height** 6.10, **Width** 17.00

Various

Pkg. 10



080001 Hollow Screw

Replacing: 949180-0490

Servicing: 021000-2522, 021000-2532, 021000-2542, 021000-4630, 021000-4900, 021000-5310, 021000-5380, 021000-7040, 021000-7310

Thread M10-1.25, **Hole size** 4.00, **Type** Ordinary

Pkg. 5



133527 Felt

Servicing: 021000-9851, 021000-9930, 021000-9980, 100210-2220, 100210-2221, 100210-2250, 100210-2251, 100210-2290, 100210-2302

ID 15.00, **OD** 36.00, **Height/ thickness** 2.00

Pkg. 10



134760 Felt

Servicing: 021000-7570, 021000-8830, 021000-8890, 021000-8892, 100210-1550, 100210-1552, 100210-1553, 100210-1555, 100210-1571

ID 35.00, **OD** 50.00, **Height/ thickness** 5.00



135135 Valve Set

Replacing: 081220-0210

Servicing: 021000-0013, 021000-0041, 021000-0720, 021000-0740, 021000-0890, 021000-1480, 021000-1640, 021000-9850, 021000-9851

Length 41.70, **Thread length** 11.15

Pkg. 5



135295 Plug

Replacing: 081225-0030

Servicing: 021000-2422, 021000-4900, 021000-5310, 021000-5380, 021000-7310, 021000-7570, 021000-8830, 021000-8890, 021000-8892

OD 18.90, **Height** 14.80

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#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



135366 Hollow Screw

Replacing: 081220-0250

Servicing: 081000-1321, 081000-1480, 081000-1610, 081000-1611, 081000-1630, 081000-1660, 081000-1700, 081000-1701, 081000-1740

Length 39.00, **Thread length** 7.90

Pkg. 100



190820 Sealing Ring

Replacing: 081135-0030

Servicing: 021000-0013, 021000-0041, 021000-0720, 021000-0740, 021000-0890, 021000-1480, 021000-1640, 021000-3501, 021000-4580

ID 18.00, **OD** 24.00, **Thickness** 1.50, **Material** Copper, **DIN norm** 7603



230625 Vp Cover

Replacing: 081105-0040

Servicing: 081000-1321, 081000-1480, 081000-1611, 081000-1660, 081000-1700, 081000-1701, 081000-1740, 081000-1760, 081000-1970

ID 34.00, **OD** 55.40, **Thickness** 6.80, **No./ mount. holes** 4, **Gasket** w/o



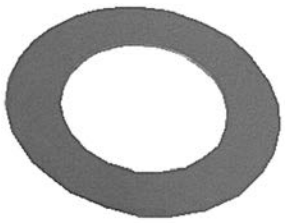
230626 Shaft for Vacuumpump

Replacing: 081202-0150, 081202-0120

Servicing: 081000-1321, 081000-1480, 081000-1611, 081000-1660, 081000-1700, 081000-1701, 081000-1740, 081000-1760, 081000-1970

OD/ shaft 15.00, **Total length** 116.30, **No./ splines** 16

Pkg. 5



230694 Washer

Replacing: 29321-64030, 081299-0020

Servicing: 081000-1321, 081000-1480, 081000-1611, 081000-1660, 081000-1700, 081000-1701, 081000-1740, 081000-1760, 081000-1970

ID 27.35, **OD** 45.70, **Thickness** 0.40

Sundry Parts

Insulators

Pkg. 10



132066 Insulator

Replacing: 021605-1360

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3410, 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020

OD 13.00, **Length** 20.00

Pkg. 5



132067 Insulator

Replacing: 021605-1760, 021605-1410, 021605-1150

Servicing: 100210-3070, 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020, 100211-1021, 100211-1030, 100211-1031

ID 6.00, **OD** 18.10, **Height** 25.00

Pkg. 10



132783 Insulator

Replacing: 021605-0710, 021605-0050

Servicing: 021000-0351, 021000-0430, 021000-0441, 021000-0470, 021000-0812, 021000-0813, 021000-0814, 021000-1083, 021000-1242

ID 5.00, **Height** 13.50

Pkg. 10



132784 Insulator

Replacing: 021605-0304, 021605-0301

Servicing: 021000-0351, 021000-0430, 021000-0441, 021000-0470, 021000-1321, 021000-1322, 021000-1330, 021000-1332, 021000-1340

ID 6.00, **OD** 17.90, **Height** 14.70

Pkg. 5



132785 Insulator

Replacing: 021605-2830

Servicing: 100211-1080, 100211-1081, 100211-1150, 100211-1321, 100211-1341, 100211-2010, 100211-2030, 100211-2031, 100211-2050

ID 7.00, **Height** 30.60

Pkg. 5



133525 Insulator

Replacing: 021605-1920, 021605-1650

Servicing: 100211-1280, 100211-1520, 100211-1550, 100211-1560, 100211-1570, 100211-1571, 100211-1600, 100211-1601, 100211-1620

ID 6.00, **OD** 18.20, **Height** 28.00

Pkg. 5



133676 Insulator

Replacing: 021605-1970

Servicing: 100210-3380, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3700, 100210-3780, 100211-0120, 100211-5020

OD 13.00, **Length** 20.00

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Pkg. 10



133915 Insulator

Replacing: 021605-2130

Servicing: 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3780, 100211-6200, 100211-6210, 100211-8000, 100211-8010

ID 6.00/8.00, **OD** 23.60, **Height** 24.00

Pkg. 10



134374 Insulator

Servicing: 021000-0441, 021000-0470, 021000-0814, 021000-1321, 021000-1322, 021000-1330, 021000-1332, 021000-1340, 021000-1342

Pkg. 10



134664 Insulator

Replacing: 021605-0510

Servicing: 021000-5650, 021000-5651, 021000-7550, 021000-7570, 021000-8500, 021000-8710, 021000-8830, 021000-8850, 021000-8860

Pkg. 10



134668 Insulator

Replacing: 021605-0561, 021605-0280

Servicing: 021000-3000, 021000-3001, 021000-3010, 021000-3051, 021000-3540, 021000-3630, 021000-3641, 021000-5020, 021000-5040

ID 5.00, **Height** 16.50

Pkg. 10



134669 Insulator

Servicing: 021000-0430, 021000-0441, 021000-0470, 021000-1321, 021000-1322, 021000-1330, 021000-1332, 021000-1340, 021000-1342

ID 8.30, **OD** 20.50, **Height** 5.87

Pkg. 5



135268 Insulator

Replacing: 021605-1320

Servicing: 100211-1070, 100211-1071, 100211-1072, 100211-1073, 100211-1074, 100211-1100, 100211-1101, 100211-1130, 100211-1131

ID 6.00, **Height** 19.00

Pkg. 5



135273 Insulator

Replacing: 021605-2820, 021605-1960, 021605-1891, 021605-1890

Servicing: 100211-2390, 100211-2391, 100211-3120, 100211-3121, 100211-3230, 100211-3231, 100211-3250, 100211-3251, 100211-3490

ID 6.00, **Height** 20.40

Pkg. 5



135367 Insulator

Replacing: 021605-1670

Servicing: 100211-2400, 100211-2820, 100211-2830, 100211-2840, 100211-2850, 100211-2860, 101211-5100

ID 8.00, **Height** 35.00

Pkg. 10



137211 Insulator

Replacing: 021605-2350

Servicing: 100211-6160, 100211-6170, 100211-6430, 100211-8960, 101211-5570, 101211-5571, 102211-0500, 102211-1770

ID 8.00

Pkg. 5



139534 Insulator

Replacing: 021605-2120, 021605-0661

Servicing: 021000-6271, 021000-7090, 021000-7160, 021000-7570, 021000-7630, 021000-7640, 021000-8500, 021000-8731, 021000-8770

Pkg. 5



230049 Insulator

Replacing: 021605-2021, 021605-2020

Servicing: 100210-3400, 100210-3460, 100210-3580, 100210-3680, 100210-3760, 100210-3770, 100210-3810, 100210-3820, 100210-3821

Pkg. 5



230860 Insulator

Replacing: 021605-2480

Servicing: 100211-8230, 100211-8330, 100211-8340, 100211-8460, 100211-8470, 100211-8500, 100211-8590, 100211-8810, 100211-8820

ID 7.00, **OD** 20.20, **Height** 13.00/22.50

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



231605 Insulator

Replacing: 021625-0220

Servicing: 021000-6271, 021000-7090, 021000-7160, 021000-7630, 021000-7640, 021000-8500, 021000-8770, 021000-8780, 021000-8830

ID 8.80, **OD** 22.00, **Thickness** 2.00

Pkg. 5



231606 Insulator

Replacing: 021605-0291

Servicing: 021000-0351, 021000-0814, 021000-2840, 021000-2991, 021000-3040, 021000-3061, 021000-4110, 021000-4550, 021000-4570

ID 5.10-13.00, **OD** 7.30/16.40

Pkg. 10



231607 Insulator

Replacing: 021605-1700

Servicing: 100211-1580, 100211-1590, 100211-1610, 100211-1630, 100211-1650, 100211-1661, 100211-1662, 100211-1680, 100211-1690

ID 10.60-15.40, **OD** 19.00, **Height** 6.00

Pkg. 10



231639 Insulator

Servicing: 100211-6030, 100211-6031, 100211-6050, 100211-6051, 100211-8170, 100211-8270, 100211-8630, 100211-8631, 100211-8632

OD 15.00, **Length** 20.00

Pkg. 5



231640 Insulator

Replacing: 021605-1850

Servicing: 100210-3190, 100210-3210, 100210-3410, 100211-1121, 100211-2011, 100211-2151, 100211-2370, 100211-2380, 100211-2480

ID 6.00, **OD** 26.10, **Height** 27.75

Pkg. 10



231768 Insulator

Replacing: 021605-1720

Servicing: 100211-1540, 100211-1670, 100211-4020, 100211-4050, 100211-4060, 100211-4091, 100211-4520, 100211-4528, 100211-4610

ID 100.00, **OD** 12.00, **Height** 96.00

Pkg. 5



231786 Insulator

Replacing: 021605-2930

Servicing: 100210-3380, 100211-5220, 100211-5260, 100211-5300, 100211-8880, 100211-8890, 100211-8900, 100213-1770, 100213-1920

ID 8.30, **OD** 25.55, **Height** 24.10

Pkg. 5



232779 Insulator

Servicing: 121000-2430, 121000-2660, 121000-2680, 121000-3000, 121000-3300, 121000-3310, 121000-3330, 121000-3340, 121000-3360

ID 6.00

Pkg. 5



232780 Insulator

Replacing: 021605-2420

Servicing: 100211-8840, 121000-3480, 121000-3490, 121000-3520, 121000-3521, 121000-3660, 121000-4160, 121000-4161, 121000-4320

ID 6.00, **OD** 26.90, **Height** 34.40

Pkg. 10



232782 Insulator

Replacing: 021605-2150, 021605-1990

Servicing: 100211-5070, 100211-5110, 100211-5270, 100211-6000, 100211-6010, 100211-6020, 100211-6030, 100211-6031, 100211-6050

ID 8.75, **OD** 27.40, **Height** 26.55

Pkg. 5



232784# Insulator

Replacing: 021605-2190

Servicing: 100211-8230, 100211-8320, 100211-8330, 100211-8340, 100211-8810, 100211-8820, 100211-8870, 101211-5090, 101211-5220

ID 6.79, **OD** 25.97, **Height** 20.40

Pkg. 5



234064 Insulator

Servicing: 021000-2840, 021000-4550, 021000-5670, 021000-6370, 021000-6840, 021000-6861, 021000-7250, 021000-8130, 021000-8140

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.

Pkg. 5



234640 Insulator

Servicing: 104210-3170, 104210-3171, 104210-3240, 104210-4270

ID 14.60, **Height** 35.70

Pkg. 10



237608 Insulator

Servicing: 104210-2710, 104210-2730, 104210-3511, 104210-3512, 104210-3513, 104210-3520, 104210-3521, 104210-3522, 104210-3523

Colour Black, **Material** Plastic, **Type** PVC

Pkg. 5



330641 Insulator

Replacing: D8553

Servicing: 104210-3911, 104210-4860

ID 14.66, **OD** 26.89, **Height** 37.73

Terminals

Pkg. 10



231310 Terminal

Replacing: 021602-5230

Servicing: 100210-3380, 100210-3381, 100210-3470, 100210-3480, 100210-3700, 100210-3780, 100211-5031, 100211-5060, 100211-5070

Total length 23.35



231893 Terminal Block

Replacing: 126220-0110

Servicing: 121000-3480, 121000-3490, 121000-3510, 121000-3520, 121000-3521, 121000-3570, 121000-3580, 121000-3660, 121000-4160

Length 87.85, **Height** 31.15



234501 Terminal Block

Replacing: 026220-0150

Servicing: 121000-3620, 121000-3630, 121000-3670, 121000-3671, 121000-4231, 121000-4232, 121000-4233, 121000-4250, 121000-4251

ID/ mount. hole 5.50, **Length** 85.65, **Height** 20.90



234727 Terminal Block

Replacing: 126220-0180

Servicing: 421000-0011, 421000-0012, 421000-0013, 421000-0021, 421000-0022, 421000-0023, 421000-0024, 421000-0025, 421000-0026

Thread size M4, **Total length** 45.27, **Thread length** 4.35



235673 Terminal

Replacing: 126220-0191, 126220-0190

Servicing: 421000-0040, 421000-0042, 421000-0043, 421000-0051, 421000-0100, 421000-0111, 421000-0120, 421000-0121, 421000-0150

Length 34.55, **Height** 45.63



235691 Terminal Block

Servicing: 104210, 121000-2520, 421000-0060, 421000-0061, 421000-0062, 421000-0210, 421000-0230, 4210000060, 4210000061

Length 61.90, **Height** 53.07

Terminal Plugs



133677 Repair Lead

Replacing: 021700-2300

Servicing: 100210-3380, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 121000-5081, 121000-5120, 121000-5380



134720 Repair Plug

3 pin.

Pkg. 10



134721# Repair Plug

4 pin.



134998 Coupler

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



135001# Socket

Thru Bolts

Pkg. 4



136357 Through Bolt

Replacing: 949043-2000

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3380, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3700

Thread size M5, **Thread size/ rear** M7, **Total length** 67.00

Pkg. 20



191528 Through Bolt

Replacing: 949042-2960

Servicing: 100210-3580, 100210-3770, 100210-3820, 100210-3821, 100210-3871, 100213-0260, 100213-0280, 100213-0300, 100213-0610

Thread M5, **Length** 95.00, **Thread length** 30.00, **Head type** Cheese head, **Screw type** Pozidriv

Pkg. 20



191539 Through Bolt

Replacing: 949042-3950

Servicing: 104210-2180, 104210-3290, 104210-3291, 104210-3292, 104210-3293, 104210-3410, 104210-3411, 104210-3431, 104210-3620

Thread M5, **Length** 75.00, **Thread length** 25.00

Pkg. 20



191585 Through Bolt

Replacing: 949042-1840

Servicing: 028000-2150, 028000-2151, 028000-3360, 028000-3361, 028000-4651, 028000-4790, 028000-5070, 028000-5071, 028000-5430

Thread size M5, **Total length** 138.70, **Length/ rear collar** 134.80, **Thread length** 61.2

Pkg. 2



230997 Through Bolt

Replacing: 949043-2120

Servicing: 100211-1511, 100211-1512, 100211-1520, 100211-1540, 100211-1550, 100211-1560, 100211-1570, 100211-1571, 100211-1580

Thread size M5, **Thread size/ rear** M6, **Total length** 66.00

Pkg. 3



231373 Through Bolt

Replacing: 949042-2330

Servicing: 021000-0430, 021000-0441, 021000-3630, 021000-3641, 021000-4510, 021000-5020, 021000-5030, 021000-5040, 021000-5046

Thread size M5, **Total length** 90.00, **Thread length** 15.40

Pkg. 3



231629 Through Bolt

Replacing: 949042-2340, 948042-0910

Servicing: 021000-0351, 021000-0812, 021000-0813, 021000-0814, 021000-1083, 021000-1242, 021000-1602, 021000-1603, 021000-1608

Thread size M5, **Total length** 70.00, **Thread length** 16.40

Screws

Pkg. 200



191586 Machine Screw

Replacing: 949007-6280, 949007-3930, 949007-3370, 949007-2850, 949006-5470, 949006-5460

Servicing: 021000-8810, 021000-8820, 021000-8850, 021000-8860, 021000-9400, 021000-9430, 021000-9660, 021000-9840, 021000-9881

Thread M4, **Length** 6.00, **Head type** Pan head, **Screw type** Pozidriv, **DIN norm** 7985, **ISO norm** 7045

Pkg. 10



230861 Screw

Replacing: 949006-5590

Servicing: 100211-2400, 100211-2820, 100211-2830, 100211-2840, 100211-2850, 100211-2860, 100211-3310, 100211-3311, 100211-5070

Thread M5 Fine, **Total length** 21.50, **Thread length** 18.00, **Countersink** No

Pkg. 10



231372 Screw

Replacing: 949007-2040

Servicing: 021000-0430, 021000-0441, 021000-5030, 021000-5650, 021000-5651, 021000-6570, 021000-6580, 021000-6600, 021000-6610

Thread M5, **Total length** 18.00, **Thread length** 9.80, **Slot type** Phillips, Pozidriv

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.

Pkg. 10



238687 Screw

Replacing: 949006-5200

Servicing: 100211-1321, 100211-1341, 100211-1511, 100211-1512, 100211-1540, 100211-1550, 100211-1580, 100211-1590, 100211-1610

Thread M4, **Thread length** 10.50

Nuts

Pkg. 200



191307 Hex Flange Nut

Replacing: 949056-4910, 949056-2481, 949056-2480, 949056-0990

Servicing: CS121, -130, 021000-4110, 021000-4510, 021000-4550, 021000-4730, 021000-5040, 021000-5051, 021000-5380, 021000-6271

Thread M5-0.8, **Spanner size** 8.00
Alternative no.: B191307

Oil Seals

Pkg. 10



132549 Oil Seal

Replacing: 949150-0921

Servicing: 021000-2422, 021000-2522, 021000-2532, 021000-2542, 021000-3501, 021000-4580, 021000-4630, 021000-4900, 021000-4950

ID 15.50, **OD** 30.10, **Height** 7.00

Pkg. 5



133513 Oil Seal

Servicing: 100210-2220, 100210-2221, 100210-2570, 100210-2860, 100210-2960, 100210-3760, 100210-3840, 121000-0670, 121000-1720

ID 14.00, **OD** 30.00, **Height** 7.00

Pkg. 5



133523 Oil Seal

Replacing: 081103-0060

Servicing: 081000-1321, 081000-1480, 081000-1611, 081000-1660, 081000-1700, 081000-1701, 081000-1740, 081000-1760, 081000-1970

ID 19.00, **OD** 32.00, **Height** 6.00

Pkg. 10



133524 Oil Seal

Replacing: 081103-0080, 081103-0070

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3380, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3700

ID 17.00, **OD** 30.00/37.00, **Height** 8.00



137803 Oil Seal Kit

Replacing: 081099-0090

Servicing: 021000-9850, 021000-9851, 021000-9861, 021000-9871, 021000-9881, 021000-9930, 021000-9931, 021000-9960, 021000-9980

ID 14.00, **OD** 30.00, **Height** 7.00

O-rings

Pkg. 10



133040 O-ring

Replacing: 949140-3540, 081106-0010, 081100-0010

Servicing: 021000-9850, 021000-9851, 021000-9861, 021000-9871, 021000-9881, 021000-9930, 021000-9931, 021000-9960, 021000-9980

ID 56.00, **Thickness** 2.00

Pkg. 5



133597 O-ring

Servicing: 021000-7570, 021000-8830, 021000-8890, 021000-8892, 021000-9851, 021000-9930, 021000-9980, 100210-0441, 100210-0442

ID 64.00, **Thickness** 2.50

Various

Pkg. 5



132065 Seal

Replacing: 021626-0320, 021626-0240, 021626-0230, 021626-0220, 021626-0141, 021626-0131, 021626-0090

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3410, 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020

ID 16.40, **OD** 26.10

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



133679 Seal

Replacing: 021626-0190

Servicing: 100210-3380, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3700, 100210-3780, 100211-0120, 100211-5031

ID 18.70, **Height** 1.90



133680 Seal

Replacing: 021626-0250, 021626-0210

Servicing: 100210-3380, 100210-3381, 100210-3470, 100210-3480, 100210-3700, 100210-3780, 100211-5031, 100211-5060, 100211-5070

OD 27.55, **Height** 9.60

Pkg. 10



134766 Gasket

Replacing: 949021-1830

Servicing: 021000-7570, 021000-8500, 021000-8770, 021000-8780, 021000-8830, 021000-8840, 021000-8890, 021000-8892, 021000-9180

ID 15.00, **OD** 41.00, **Thickness** 1.00, **Material** Rubber

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Pkg. 10



134768 Washer

ID 15.00, **OD** 22.00, **Thickness** 2.00, **Material** Fiber

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Pkg. 10



230902 Gasket

Replacing: 949021-2100

Servicing: 021000-7570, 021000-8830, 021000-8890, 021000-8892, 021000-9851, 021000-9930, 100210-1550, 100210-1552, 100210-1553

ID 22.00, **OD** 51.00, **Thickness** 1.00, **Material** Rubber

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Pkg. 5



231516 Washer

Replacing: 021405-0010

Servicing: 021000-0351, 021000-0812, 021000-0813, 021000-0814, 021000-1083, 021000-1242, 021000-1602, 021000-1603, 021000-1608

ID 21.40/27.50,
OD 28.80/34.80, **Thickness** 0.50/1.40, **Material** Metal

Pkg. 5



232629 Seal

Servicing: 101211-5570, 101211-5571, 102211-0500, 102211-2220, 102211-2221, 102211-2222, 102211-2223, 121000-3300, 121000-3310

Height 9.30
Brush holder: HC-CARGO 135419.

Pkg. 10



233330 Cover

Servicing: 021620-2430, 021620-2530, 021620-2720, 021630-0560, 101211-9920, 101211-9921, 101211-9931, 102211-2120, 102211-2250

ID 27.00, **Height** 23.65, **Material** Plastic

Pkg. 5



233690 Washer

Replacing: 949013-8110

Servicing: 128000-5210, 128000-5211, 128000-5680, 128000-5681, 128000-5682, 128000-6212, 128000-6340, 128000-6341, 128000-6420

ID 15.20, **OD** 25.90, **Thickness** 1.80, **Material** Metal

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Pkg. 5



233751 Cover

Replacing: 021021-0460, 021020-0522, 021020-0521, 021020-0450, 021020-0340

Servicing: 100210-2302, 100210-2340, 100210-2343, 100210-2350, 100210-2360, 100210-2370, 100210-2380, 100210-2600, 100210-2620

OD 82.85, **Height** 2.95

Pkg. 10



235746# Mounting Bracket

Replacing: 021751-2100

Servicing: 102211-1960, 102211-2780, 102211-5260, 102211-5380, 102211-5650, 102211-5660, 102211-5930, 102211-5940

Thickness 1.22, **Dist. mount. holes** 50.93

All measurements are in mm, unless else stated.
O.E.M. names and numbers are used for reference purposes only.
Available while stock last, * Program development.

Regulators/Rectifiers

28 Volt



234855[#] Regulator/Rectifier

Dist. mount. holes 90.65,
Terminal type G-G-B+-L-C

Fans & Pulleys

Pulleys



133508 Pulley

Replacing: 67100742

OD 105.00, **Bore dia.** 30.00, **Wid th** 34.50, **Depth** 3.20, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2

All measurements are in mm, unless else stated.
[#]Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Rotors

14 Volt



131960# Rotor

Replacing: 581175, 581142, 581132

Servicing: 451065, 513001, 513001A, 513001B, 513001C, 513002, 513002A, 513002B, 513002C, 513004, 513004A, 513004B, 513004C, 513010

14 **V**, 40 **Amp**, **Thread size** M16-1.50, **OD** 88.00, **Shaft dia.** 17.00, **Total length** 137.30, **Rotation** CR



134361# Rotor

Replacing: 581192

Servicing: 516009, 516023, 516023A, 516023B, 516023C, 516023cd, 516023D, 516025A, 516025B, 516025bc, 516025C, 516033A, 516033B

14 **V**, 50 **Amp**, **Thread size** M16-1.50, **OD** 88.40, **Shaft dia.** 17.00, **Total length** 169.20, **Rotation** CR

Rotor Parts

Slip Rings

Pkg. 10



130841 Slip Ring

Replacing: 34100328

Servicing: 7545a

ID 36.00, **OD** 17.00, **Total length** 22.50

Pkg. 5



131816 Slip Ring

ID 30.20, **OD** 16.75, **Total length** 27.50
Alternative no.: B131816

Pkg. 10



132295 Slip Ring

Servicing: 15SI, 516016

ID 30.00, **OD** 17.00, **Total length** 28.00

Pkg. 5



133350 Slip Ring

Servicing: 451038, 451057, 451058, 451068, 451078, 512008, 512010, 514005, 514006, 514007, 514011, 514011A, 514011B, 514011C

ID 16.55, **OD** 30.25, **Total length** 27.00

Pkg. 35



B131816 Slip Ring

ID 17.00, **OD** 30.00, **Total length** 27.40
Alternative no.: 131816

Various

Pkg. 10



132848 Insulator

Length 70.85, **Thickness** 1.05, **Width** 33.00, **No./ mount. holes** 1
For slip ring.

Stators

14 Volt



131980 Stator

Replacing: 513003

14 **V**, 75 **Amp**, **ID** 89.00, **OD** 133.00, **OD 2** 127.00, **Height** 27.00, **Terminals** 3

Brackets

D.E. Brackets



136850# D.E. Bracket

Replacing: 669132

Servicing: 451068, 515015a, 516013, 516013A, 516013B, 516013C, 516015, 516015A, 7584B, 7584C, 7584D, 7584E

Bearing: HC-CARGO 142269.

S.R.E. Brackets



136849# S.R.E. Bracket

Replacing: 690791, 690683, 690639

Servicing: 451068, 516013, 516013A, 516013b, 516013c, 516015, 516015a, 7584e

ID/ bearing hole 38.00

Bracket Parts

Mounting Brackets



136115# Mounting Bracket

Replacing: 690883

Servicing: 515018A, 516024, 516024B, 516024C, 516024D, 516038, 516044

Mount hole 6.40, **ID** 10.00, **Thickness** 3.50, **Dist. mount. holes** 108.00

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



136116 Mounting Bracket

Servicing: 451066, 514011, 514011A, 514011B, 514011C, 516012, 516012B, 516012C, 516014

Mount hole 6.55, **ID** 16.30, **Thickness** 3.00, **Dist. mount. holes** 32.60



231350 Mounting Bracket

Replacing: 581113

Servicing: 451068, 516013, 516013a, 516015, 7584D

Mount hole 6.40, **ID** M10-1.25, **Thickness** 3.00, **Dist. mount. holes** 33.00

Mounting Bushing Kits



131604 Mounting Bushing Kit

Servicing: 513008, 515094, 516006, 516007, 516038, 7549, 7550a, 7586, 7596, 7597

ID 10.00, **OD** 13.00, **Length** 5.00



131605 Mounting Bushing Kit

Servicing: 515012, 516012, 516013, 7593

ID M10, **OD** 14.85, **OD/ collar** 24.95, **Length** 12.55, **Height/ collar** 2.45

Covers



131609 S.R.E. Cover

Replacing: 23055

Servicing: 7522B, 7522C, 7529a, 7529C, 7532, 7532A, 7532B, 7532C, 7532D, 7532E, 7534, 7534a, 7534B, 7534C, 7534D, 7534E, 7536



131610 S.R.E. Cover

Replacing: 690640

Servicing: 451068, 516013, 516013A, 516013B, 516013C, 516015, 516015A, 516016, 516016a, 516016b, 516039A

OD 87.60, **Height** 5.85



131612 S.R.E. Cover

Replacing: 691222

Servicing: 451057, 451058, 516006, 516006C, 516006D, 516006E, 516008, 516020, 516020A, 516020B, 516020C, 516020D, 516023, 516023A



131614# S.R.E. Cover

Replacing: 669481

Servicing: 451038, 451065, 513001, 513001A, 513001B, 513001C, 513003A, 513003B, 513003C, 513008, 513008A, 513008B, 513008C

Regulators

14 Volt



130017 Regulator

Replacing: 8380, 8373, 8367, 8358, 519004

Servicing: 512002A, 512002B, 512003A, 512003B, 7526B, 7526C, 7528B, 7528C, 7545A, 7552A, 7552B, 7552C, 7552D, 7560A, 7560B, 7560C

15.2 **V setting**, **Dist. mount. holes** 89.00, **D+ type** Spade, **Regulator type** Electronic
Single phase.

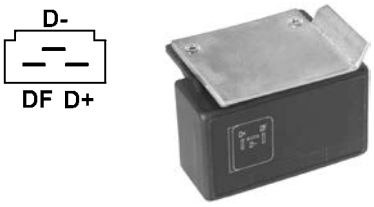


130606 Regulator

Replacing: 8410d, 511005, 511002, 511001

Servicing: 451066, 451074, 514002A, 514002B, 514003, 514004A, 514005A, 514005B, 514005C, 514007A, 514010A, 514014, 516002, 516002A

14.4 **V setting**, **Dist. mount. holes** 63.35, **Regulator type** Electronic

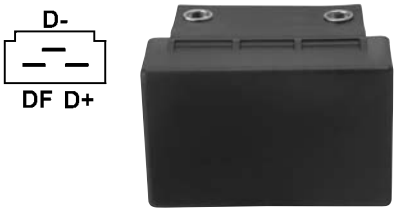


130632 Regulator

Replacing: 8379, 8366, 519003

Servicing: 7562a, 7562abcd, 7562b, 7562c, 7562d, 7562e, 7562f, 7584b, 7584c, 7584d, 7584e, 7593a

14.4 **V setting**, **Dist. mount. holes** 68.00, **Regulator type** Electronic



130675 Regulator

Replacing: 8375, 519002, 510003

Servicing: 7564A, 7564B, 7595A, 7595B, 7599A, 7599B

14.7 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic
Adjustable type: HC-CARGO 136325.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

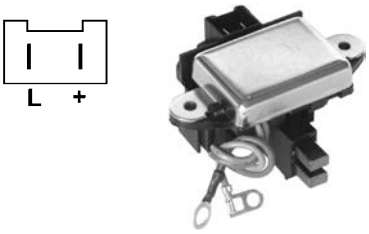


130679 Regulator

Replacing: 96126, 8382, 8381, 8378, 8376, 8372, 8371, 8364, 8363, 8362, 8357, 8350, 8349, 8347c, 8347, 8328

Servicing: 512001A, 513001A, 513001B, 513001C, 513002A, 513002B, 513002C, 513003A, 513003ab, 513003B, 513003C, 513004A, 513004B

14.5 **V setting**, **Dist. mount. holes** 78.00, **Regulator type** Electronic
Triple phase.



131222 Regulator

Replacing: 691428, 691292, 691253, 691097, 690686, 690645, 690587, 690012, 581256, 581255, 511010, 511008

Servicing: 451058, 451068, 451078, 514011, 514011A, 514011B, 514011BC, 514011C, 514011d, 514012A, 514012B, 514012BC, 514012C

14.5 **V setting**, **Dist. mount. holes** 66.00, **Regulator type** Electronic



131281# Regulator

Replacing: 581215, 511016, 511004

Servicing: 512008, 512008B, 512008C, 512008D, 512008E, 512010, 512010C

14.5 **V setting**, **Dist. mount. holes** 66.35, **Regulator type** Electronic

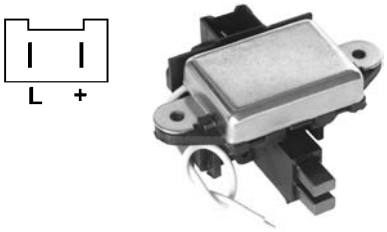


131283 Regulator

Replacing: 592967

Servicing: AA125R-14V-65A

14.7 **V setting**, **Dist. mount. holes** 65.00, **Regulator type** Electronic



131550 Regulator

Replacing: 691617, 691458, 691406, 691338, 691183, 691140, 691112, 591112, 581257

Servicing: 451065, 514005, 514005D, 514005E, 514005F, 514007, 514007C, 514007CD, 514007D, 514007E, 514007F, 514010, 514010B

14.5 **V setting**, **Dist. mount. holes** 64.50, **Regulator type** Electronic



133132# Regulator

Replacing: 691191

Servicing: 516035A, 516035B

14.5 **V setting**, **Dist. mount. holes** 66.00, **Regulator type** Electronic

Brush Boxes

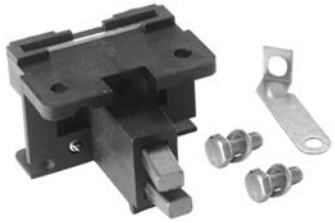


130699 Brush Box

Replacing: 23268, 23267

Servicing: 7522b, 7522BC, 7532, 7532a, 7532b, 7532c, 7532D, 7532E, 7534, 7534a, 7534b, 7534c, 7534D, 7534E, 7536

14 **V**, **OD** 32.40



130943# Brush Box

Replacing: 581223, 581068

Servicing: 512008, 512008b, 512008c, 512008d, 512010A, 512010B, 514001A, 514002a, 514003A, 514005b, 514005c, 516003, 516004

14 **V**, **OD** 41.75

Brush Box Parts

Brush Sets



UX67-682 Brush Set

Replacing: 21177

Servicing: 7526B, 7528B, 7529C

14 **V**, **Length** 13.00, **Lead length** 26.50, **Height** 6.50, **Thickness** 5.50



UX79-802 Brush Set

Replacing: 612430, 612386, 611641

Servicing: 7527D, 7527E, 7557, 7575

14 **V**, **Length** 15.00, **Lead length** 29.50, **Height** 6.00, **Thickness** 4.50



UX842 Brush Set

Replacing: ux842

14 **V**, **Length** 15.00, **Height** 7.00, **Thickness** 4.00
Alternative no.: U84



UX922 Brush Set

Replacing: 581159

Servicing: 451038, 514006, 514006A, 514006AB, 514006B, 514011D, 514013, 514013A, 516006, 516008

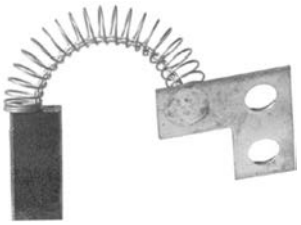
14 **V**, **Length** 15.00, **Lead length** 29.00, **Height** 7.00, **Thickness** 4.00

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

Brushes

Pkg. 100



U84 Brush

Replacing: ux842

14 **V**, **Length** 14.85, **Lead length** 34.00, **Height** 6.87, **Thickness** 3.90
Alternative no.: UX842

Rectifiers

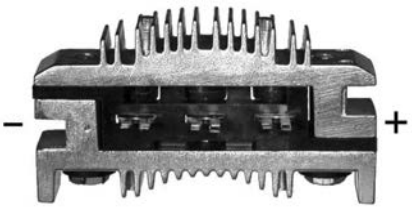


130633 Rectifier

Replacing: 691337, 690744, 618568, 618487, 618043, 612318, 611544, 581090, 581064, 581020, 581016, 581015

Servicing: 451057, 451065, 451074, 513002, 513002A, 513002B, 513002C, 513004, 513004A, 513004B, 513004C, 513005, 513005A, 513005B

35 **Amp/ diode**, **OD** 74.00,
No./ diodes 6, **Capacitor** w/o



130634 Rectifier

Replacing: 690971, 690260, 618720, 618503, 618439, 618436, 618093, 611788, 611199, 611197, 606625, 581078

Servicing: 451038, 451058, 513001A, 513001B, 513001C, 513003A, 513003AB, 513003B, 513003C, 513008, 513008A, 513008ABC, 513008B

35 **Amp/ diode**, **OD** 74.00,
No./ diodes 6, **Capacitor** w/o

Rectifier Parts

Diode Trios

Pkg. 5



131692 Diode Trio

Replacing: 669303

Servicing: AA108, 451057, 451074, 512002A, 512003A, 514005, 514007, 516002, 516003, 516004, 516012, 516012B, 516021, 516040

OD 40.00
For rectifier: HC-CARGO 130650.

Terminals

Pkg. 10



136352 Terminal Bolt

Servicing: 7534, 7536, 7590

Total length 33.20, **Thread length** 9.95
B+.

Various

Pkg. 5



136301[#] Terminal

ID/ mount. hole 6.30,
OD 58.35, **Dist./ mount. holes** 48.00
B+.

Fans & Pulleys

Pulleys



133936 Pulley

Replacing: 669244

Servicing: 10SI, 12SI, 15SI, 17SI, CS130, 512008, 514007, 515005A, 515005B, 516003, 516006, 516008, 516009A, 516009B, 516009C

OD 65.00, **Bore dia.** 17.00, **Width** 16.50, **Depth** 6.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



136364 Pulley

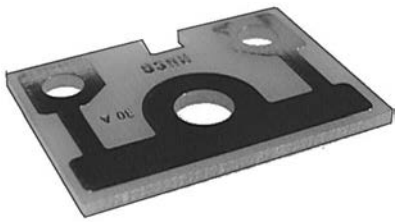
Replacing: 096879

OD 67,80,
Bore dia. 17.00, **Dist./ back** 6,50, **Width** 15,70, **Depth** 4,40, **Rotation** CR/ ACR, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1
Alternative no.: 610338

Sundry Parts

Various

Pkg. 10



130836 Fuse

Replacing: 23259

Servicing: 7522B, 7522BC, 7522C, 7529a, 7529C, 7532, 7532A, 7532B, 7532BCD, 7532C, 7532D, 7532E, 7534, 7534A, 7534B, 7534BCD

30 **Amp**

Pkg. 10



130837 Fuse

Replacing: 611745

Servicing: 512001A, 512008, 512008B, 512008C, 512008D, 512008E, 512010, 512010C, 7262B, 7262C, 7262D, 7529B, 7529D, 7529E, 7529F

30 **Amp**

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.

O.E.M. names and numbers are used for reference purposes only.

Stators

14 Volt



130363 Stator

Replacing: 9031001

Servicing: A124N, A12M

14 **V**, 42 **Amp**, **ID** 87.00, **OD** 124.00, **OD 2** 121.00, **Height** 20.00, **Terminals** 4



133829# Stator

Replacing: 3431001g, 3431001f, 3431000g, 3431000f, 3431000

Servicing: 16, 17ACR

14 **V**, 36 **Amp**, **ID** 83.90, **OD** 114.25, **OD 2** 113.15, **Height** 16.05, **Terminals** 3



133971 Stator

Replacing: 3411000

Servicing: A115/45

14 **V**, 43 **Amp**, **ID** 83.60, **OD** 115.80, **OD 2** 106.80, **Height** 24.90, **Terminals** 3

Regulators

14 Volt



130613 Regulator

Replacing: rch12e, rc212b

14.7 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic

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131145 Regulator

Replacing: 6850000, 3517500

Servicing: A115, A133

14.5 **V setting**, **Regulator type** Electronic

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28 Volt



130610 Regulator

Replacing: rc224, rc128

28.3 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic

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Brush Boxes



130703 Brush Box

Replacing: 9039020

Servicing: A124N, A12M

14/28 **V**



133837 Brush Box

Replacing: 3464600

Servicing: A115-04, A115-34B

14 **V**



234930 Brush Box

Replacing: 3414610

Servicing: A115, A133

Brush set: HC-CARGO 140161, 140444.

Brush Box Parts

Brush Sets



140444 Brush Set

Replacing: 3414620

Servicing: A115, A133

14 **V**, **Length** 20.00/22.00, **Lead length** 36.50, **Height** 7.00, **Thickness** 4.00

Rectifiers



130364 Rectifier

Replacing: 9034400

Servicing: A124N, A12M, A124

35 **Amp/ diode**, **B+/ threaded** M6, **ID** 48.70, **OD** 110.00, **B+ type** Bolt, **No./ diodes** 3

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

Fans & Pulleys



132592 Fan & Pulley

Servicing: A124N, A12M

OD 72.60, **Bore dia.** 15.00, **Width** 21.65, **Depth** 19.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

Fans



132569 Fan

Replacing: 9039150

Servicing: A124N, A12M, A133

OD 137.00, **Bore dia.** 15.00, **Height** 16.20, **Fans** 13, **Pulley** w/o

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Sundry Parts

Insulators

Pkg. 10



132323 Insulator

Replacing: 15301880, 15001880

Servicing: A124N, A12M, AA124

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Stators

14 Volt



130099 Stator

Replacing: 19465-4, 19465-3

Servicing: ALD12-13, ALD12-20, ALD12-21, ALD12-24, ALD12-32, ALD12-33, ALD12-35, ALD12-36, ALD12-37, ALD12-41, ALD12-46, ALD12-47

14 **V**, 33 **Amp**, **ID** 73.95, **OD** 107.90, **OD 2** 101.75, **Height** 20.00, **Terminals** 3

Regulators

14 Volt



130017 Regulator

Replacing: gro12-7, gro12-12, gro12-10

15.2 **V setting**, **Dist. mount. holes** 89.00, **D+ type** Spade, **Regulator type** Electronic
Single phase.



130611 Regulator

Replacing: 25169-7, 25169-6, 25169-5, 25169-4, 25169-3, 25169-2

Servicing: ALT12N-19

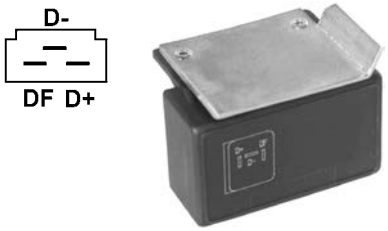
14.3 **V setting**, **Dist. mount. holes** 62.00, **D+ type** Spade, **Regulator type** Electronic



130613 Regulator

Replacing: rfh12-11, gro12x-1

14.7 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic



130632 Regulator

Replacing: gro12-4

14.4 **V setting**, **Dist. mount. holes** 68.00, **Regulator type** Electronic



130679 Regulator

Replacing: gro12-2, grk12x-1, grk12-2, grk12-13

14.5 **V setting**, **Dist. mount. holes** 78.00, **Regulator type** Electronic
Triple phase.



131660 Regulator

Replacing: 28860-7, 28860-3, 28860-21

Servicing: ALP12N-14, ALP12N-20, ALP12N-24, ALS12-11, ALS12N-10, ALS12N-14, ALS12N-24, ALS12N-42, ALS12N-55, ALS12N-56, ALS12N-79

Dist. mount. holes 23.00, **Regulator type** Electronic



131684 Regulator

Replacing: 28860-8, 28860-22

Servicing: ALP12NR-19, ALP12NR-25, ALT12N-37, ALT12N-38, ALT12N-40, ALT12N-41, ALT12N-42

14 **V setting**, **Dist. mount. holes** 24.50, **Regulator type** Electronic

28 Volt



130610 Regulator

Replacing: rfh244, rfh24-4

28.3 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic



131685 Regulator

Replacing: 28860-4

Servicing: ALS24N-12, ALS24N-15, ALS24N-17, ALS24N-18, ALS24N-20, ALS24N-22, ALS24N-40, ALS24N-5, ALS-24NX-13, ALS24NX-19

28 **V setting**, **Dist. mount. holes** 24.00, **Regulator type** Electronic

Brush Boxes



130702 Brush Box

Replacing: 30157-3, 19310-20, 19310-1

Servicing: ALB12-102, ALB12-104, ALB12-117, ALB12-121, ALB12N-101, ALB12N-114, ALB30X-92, ALB40-35, ALB40-68, ALB40-77, ALB40-83

14 **V**

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Available while stock last, * Program development.



131469 Brush Box

Replacing: 19310-9, 19310-6, 19310-27, 19310-26, 19310-13

Servicing: ALP12N-1, ALP12N-12, ALP12N-2, ALS12N-53, ALS12N-54, ALS12N-62, ALS12N-63, ALS12N-64, ALS12N-72, ALS12N-75, ALT12-17

14 **V**, **OD** 31.85



132738 Brush Box

Replacing: 19310-22j, 19310-22

Servicing: ALP12N-20, ALT12N-31

14 **V**, **OD** 31.70

Rectifiers



130364 Rectifier

Replacing: 19326-1

Servicing: A124N, A12M, A124, ALB40-35, ALB40-68, ALB40-86

35 **Amp/ diode**, **B+/ threaded** M6, **ID** 48.70, **OD** 110.00, **B+ type** Bolt, **No./ diodes** 3



131564 Rectifier

Replacing: 25945-1

Servicing: A124, ALB40N-88, ALB40N-89, ALB40N-90

35 **Amp/ diode**, **ID** 41.00, **OD** 110.00, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o

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All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Rotors

14 Volt



136211 Rotor

Replacing: F67U10335AA

Servicing: 3G series, 1021397, 1024864, 1031134, 1032652, 1057793, 1090424, 1104987, 6729337, 7308195, 93BB10300FC, 93BB10300FD

14 **V**, 75/95 **Amp**, **Thread size** M16-1.50, **OD** 99.30, **Shaft dia.** 17.00, **Total length** 152.25, **Rotation** CR
Nut: HC-CARGO 132346, 191657. Rotor coil: HC-CARGO 133188.



136212 Rotor

Replacing: F7RU10335AA

Servicing: 3G series, 1035755, 1104931, 96BB10300BA, 96BB10300BB, 96BB10300BE, F2TU10300AF, F37U10300AA, F3UU10300AE, F3UU10300AF

14 **V**, 130 **Amp**, **Thread size** M16-1.50, **OD** 111.50, **Shaft dia.** 17.00, **Total length** 152.10, **Rotation** CR
Can also be used in 115 A alternators. Shaft nut: HC-CARGO 132346. Rotor coil: HC-CARGO 233189.



233185 Rotor

Replacing: f6ou10335ba, f6ou10335aa, f6lu10335aa

Servicing: 4G series

14 **V**, 130 **Amp**, **Thread size** M16-1.50, **OD** 111.45, **Shaft dia.** 17.00, **Total length** 128.35
Repair slip ring: HC-CARGO 233192. Nut: HC-CARGO 191657.



233186 Rotor

Replacing: f8au10335aa

Servicing: 6G series

14 **V**, 130 **Amp**, **Thread size** M16-1.50, **OD** 111.50, **Shaft dia.** 17.00, **Total length** 152.10, **Rotation** CR
Nut: HC-CARGO 191657.



233187 Rotor

Replacing: f8wu10335aa

Servicing: 6G series, 2C3U10300BB, 4069776, YC1U10300DA, YC1U10300DB

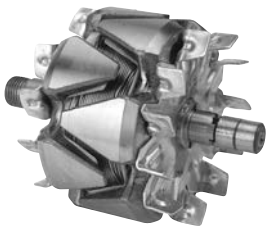
14 **V**, 110 **Amp**, **Thread size** M16-1.50, **OD** 99.60, **Shaft dia.** 17.00, **Total length** 152.30, **Rotation** CR
Nut: HC-CARGO 191657.



234621 Rotor

Servicing: 1045390, 1071418, 1088304, 1098747, 1122238, 97mf10300aa, 97mf10300ab, 98mf10300ca, 98mf10300cb, 98mf10300cc

14 **V**, 70 **Amp**, **Thread size** M17-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 144.00, **Rotation** CR
Nut: HC-CARGO 191754.



237481 Rotor

Servicing: 1229421, 1429688, 1429689, 1464784, 1464785, 1465173, 1477971, 1477972, 1478187, 2T1U10300AB, 2T1U10300AC, 2T1U10300AD

14 **V**, 125 **Amp**, **Thread size** M16-1.50, **OD** 97.75, **Shaft dia.** 17.00, **Total length** 136.35, **Rotation** CR
Nut: HC-CARGO 191657.



333312 Rotor

Servicing: 1120211, 1120213, 1124015, 1131820, 1140694, 1140696, 1151212, 1151213, 1211891, 1464779, 1464782, 1478119, 1478608

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 97.50, **Shaft dia.** 17.00, **Total length** 134.00, **Rotation** CR

Rotor Parts

Slip Rings

Pkg. 10



133921 Slip Ring

Replacing: C3SZ10328A, 133921

Servicing: 1G series, D0SF10300A, D20F10300CA, D20F10300EB, D22F10300BA, D2SF10300AA, D2S-F10300AB, D30F10300BA, D30F10300CA

ID 17.50, **OD** 31.80, **Total length** 20.50

Pkg. 10



133922[#] Slip Ring

Replacing: E7AZ10328A, 133922

Servicing: 1G series

ID 17.50, **OD** 31.80, **Total length** 26.70

Pkg. 5



136305 Slip Ring

Servicing: 3G series, 1021397, 1024864, 1031134, 1032652, 1035755, 1057793, 1090424, 1104931, 1104987, 2C3U10300BB, 4069776

ID 13.30, **OD** 27.00, **Total length** 36.20

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.

Pkg. 5



233191 Slip Ring

Servicing: 2G series

ID 17.30, **OD** 31.80, **Total length** 33.60

Pkg. 5



233937 Slip Ring

Servicing: 4G series

ID 6.00, **OD** 16.00, **Total length** 34.00

Repair slip ring: HC-CARGO 233192.

Pkg. 5



233938 Slip Ring

Replacing: f8wu10328ba

Servicing: 6G series, 2C3U10300BB, 4069776, XF2U10300AB, YC1U10300DA, YC1U10300DB

ID 13.40, **OD** 27.00, **Total length** 30.00

Pkg. 10



237323 Slip Ring

Servicing: 1120213, 1131820, 1140135, 1140694, 1140696, 1145715, 1151212, 1151213, 1211891, 1229421, 1303447, 1429688, 1429689

ID 5.00, **OD** 14.40, **Total length** 10.50

Copper Rings

Pkg. 10



233192 Copper Ring

Servicing: 4G series

ID 14.73, **OD** 17.00, **Height** 7.60

Spacers

Pkg. 10



233315 Spacer

Replacing: gy808, C5AZ10A344B

Servicing: 3G series, D0SF10300A, D20F-10300CA, D20F10300EB, D22F10300BA, D2SF10300AA, D2SF10300AB, D30F10300BA, D30F10300CA

ID 17.00, **OD** 25.60, **Height** 3.85

Pkg. 10



233404 Spacer

Replacing: SZ743

Servicing: 3G series, D0SF10300A, D20F-10300CA, D20F10300EB, D22F10300BA, D2SF10300AA, D2SF10300AB, D30F10300BA, D30F10300CA

ID 17.00, **OD** 24.00, **Height** 4.40

Nuts

Pkg. 10



132346 Shaft Nut

Replacing: 391042S36B, 351124S

Servicing: 10DN, 10SI, 3G series

Thread .668-20T/IN, **OD** 5/16", **Lock nut** No

Pkg. 100



191657 Hex Nut

Replacing: n807805s36b

Servicing: 4G series, 1005391, 1012463, 1018818, 1021198, 1021397, 1024864, 1025547, 1031134, 1031896, 1031898, 1032333, 1032652

Thread M16-1.50, **Spanner size** 24.00, **DIN norm** 439B, **ISO norm** 4035

Stators

14 Volt



131868 Stator

Replacing: gc385, gc384, gc383, gc380, e6dz10336d, e6dz10336c, e6dz10336a, E69X10336B, e53z10336a, E53F10368BA

Servicing: 2G series, E79F10300BA, E7S-F10300FA, E7SF10300HA, E7SF10300MA, E7ZF10300FA, E99F10300BA, E9SF10300BA

14 **V**, 75 **Amp**, **ID** 91.50, **OD** 133.50, **OD 2** 128.50, **Height** 22.80, **Terminals** 3



136213 Stator

Servicing: 3G series, 1021397, 1024864, 1031134, 1032652, 1057793, 1090424, 1104987, 6729337, 7308195, 93BB10300FC, 93BB10300FD

14 **V**, 95 **Amp**, **ID** 100.00, **OD** 129.00, **Height** 27.00, **Terminals** 6

Can also be used in 75/80/90 A alternators.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



136214 Stator

Servicing: 3G-, 4G series, 1035755, 1104931, 96BB10300BA, 96BB10300BB, 96BB10300BE, F2TU10300AF, F37U10300AA, F3UU10300AE

14 **V**, 130 **Amp**, **ID** 110.00, **OD** 142.00, **OD 2** 133.70, **Height** 28.20, **Terminals** 6
Can also be used in 115 A alternators.



230069 Stator

Servicing: 6G series

14 **V**, 105 **Amp**, **ID** 100.00, **OD** 130.00, **Height** 31.00, **Terminals** 6



231532 Stator

Servicing: 6199412, 7276000, 92ab10300ja, 92ab10300jb

14 **V**, 90 **Amp**, **ID** 100.00, **OD** 126.00, **OD 2** 123.00, **Height** 22.00, **Terminals** 4



233116 Stator

Replacing: f8au10368aa

Servicing: 4G-, 6G series

14 **V**, 135 **Amp**, **ID** 112.00, **OD** 142.00, **Height** 28.20, **Terminals** 6



234815 Stator

Servicing: 1120211, 1120213, 1124015, 1131820, 1140694, 1140696, 1151212, 1151213, 1211891, 1464779, 1464782, 1478119, 1478608

14 **V**, 90 **Amp**, **ID** 98.50, **OD** 128.50, **Height** 32.50, **Terminals** 4

Brackets

D.E. Brackets



231831 D.E. Bracket

Servicing: 1021397, 1024864, 1031134, 1032652, 1057793, 1090424, 1104987, 6729337, 7308195, 93BB10300FC, 93bb-10300fd, 93bb10300fe

Bearing: HC-CARGO 142270.



232328 D.E. Bracket

Servicing: 3G series 130 A, 97bb10300ac, F1DU10300AE, F1DU10346AE, F2PU10346AF, F2TU10300AF, F2TU10346AE, f37u10300aa, f3uu10300ae

Bearing: HC-CARGO 142270.



233107 D.E. Bracket

Replacing: f81u10a351aa

Servicing: 6G series, 2C3U10300BB, 4069776, F81U-10300-DB, F81U-10300-DC, F81Z-10346-DA, YC1U10300DA, YC1U10300DB

Bearing: HC-CARGO 142318.



233798 D.E. Bracket

Replacing: f5ru10a351aa

Servicing: 3G series, 1035755, 1104931, 96bb10300ba, 96bb10300bb, 96bb10300be, f5ru10300bb, f5ru10300bc, f6ru10300aa, R96BB10300BA

Bearing: HC-CARGO 142270.



234740 D.E. Bracket

Servicing: 1120211, 1120213, 1124015, 1131820, 1140694, 1140696, 1151212, 1151213, 1211891, 1464779, 1464782, 1478119, 1478608

Bearing: HC-CARGO 142270.

S.R.E. Brackets



136209 Rectifier w/ S.R.E. Bracket

Replacing: f5az10304ba

Servicing: 3G series 70/95 A, 1021397, 1024864, 1031134, 1032652, 1057793, 1090424, 1104987, 6729337, 7308195, 93BB10300FC

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M6/12.00, **OD** 133.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W. Bearing: HC-CARGO 142277.



136210 Rectifier w/ S.R.E. Bracket

Replacing: f5az10304aa

Servicing: 3G series, 1035755, 1104931, 96BB10300BA, 96BB10300BB, 96BB10300BE, F2TU10300AF, F37U10300AA, F3UU10300AE, F3UU10300AF

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M6/11.50, **OD** 147.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W. Bearing: HC-CARGO 141002.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



139325 S.R.E. Bracket

Replacing: f0du10a349bb

Servicing: 1021397, 1024864, 1031134, 1032652, 1057793, 1090424, 1104987, 6729337, 7308195, 93BB10300FC, 93bb-10300fd, 93bb10300fe

ID/ bearing hole 31.50



139668 Rectifier w/ S.R.E. Bracket

Replacing: gl331, 139668

Servicing: 4G series

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M5/11.00, **ID** 40.25, **OD** 133.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o

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232376 S.R.E. Bracket

Replacing: D0DU10A349AC

Servicing: 3G series 115-130 A, 97bb10300ac, F0DF10300BA, F0DU10300BB, F0DU10300BC, F0DZ10346B, F0DZ10346C, F0DZ10346E



232377 S.R.E. Bracket

Servicing: 3G series 95 A, F1PU10346AC, f1vu10300bb, f1vu10300bc, F1VU10346AD, F1VY10346A, F1VY10346B, F3VU10300AA, F6PZ-10346-RA

ID/ bearing hole 32.00



232378 S.R.E. Bracket

Replacing: f3au10a349ba

Servicing: 3G series 110-130 A, 1035755, 1104931, 96BB10300AB, 96BB10300BA, 96BB10300BB, 96BB10300BE, F3AU-10300-AC, F3AU-10300-CA



233111 S.R.E. Bracket

Replacing: f8wu10a349bb

Servicing: 2C3U10300BB, 4069776, 98AB-10300-FC, 98AZ-10346-FA, F81U-10300-BC, f81u-10300-cc, F81U-10300-DB, F81U-10300-DC

ID/ bearing hole 28.00



233207 Rectifier w/ S.R.E. Bracket

Servicing: 6G series, gl450, XW4U10300BA, XW4Z10346B, XW4Z10346BA

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M6/10.00, **OD** 136.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



233208 Rectifier w/ S.R.E. Bracket

Servicing: 6G series, 98az-10346-ea, 98az10346ea, 98bb-10300-cc, 98bb10300cc, A8ZU10300AC, F8RZ-10346-CC, F8RZ10346CC

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M6/12.35, **OD** 136.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



233209 Rectifier w/ S.R.E. Bracket

Servicing: 6G series, 1L8Z-10346-CB, 2C3U10300BB, 4069776, XS8Z-10346-AA, XS91-10300-AE, yc1u10300da, yc1u10300db, yf1z-10346-fa

50 **Amp/ diode**, **B+/ threaded** M6/9.00, **OD** 131.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W. Bearing: HC-CARGO 140235.



233210 Rectifier w/ S.R.E. Bracket

Servicing: 6G series, 1L8Z-10346-AB, 1L8Z10346AB

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M6/8.95, **OD** 131.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



233899 S.R.E. Bracket

Servicing: A115I, 1122105, YS6110300BB, ys6110300bf

ID/ bearing hole 36.95



234707 S.R.E. Bracket

Servicing: 1120213, 1131820, 1140694, 1140696, 1151212, 1151213, 1211891, 1464782, 1478119, 1S7T10300BB, 1S7T10300BC, 1S7T10300BD

ID/ bearing hole 36.82

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Bracket Parts

Mounting Bushings

Pkg. 5



232669 Mounting Bushing

Servicing: 3G series, 94bb10300ae, 94bb10300af, 94bb10300ah, f4pu10300aa, f4pu10346aa, f5rz10346a, f6rz10346aa

ID 10.50, **OD** 15.50/22.50, **Length** 18.20, **Height/ collar** 2.50



233313# Mounting Bushing

Servicing: 3G series, F8RU10300BA

ID 10.60, **OD** 22.40, **Length** 20.15, **Height/ collar** 5.00

Bearing Retainer Plates

Pkg. 5



232763 Bearing Retainer Plate

Replacing: C7TZ10A355A

Servicing: 21SI, 22SI, 3G series

ID 53.55, **ID/ threaded hole** 5.90, **OD** 75.00, **Thickness** 2.00, **No./ mount. holes** 3



233312 Bearing Retainer Plate

Servicing: 3G-, 6G series, 2C3U10300BB, 4069776, F81U-10300-BC, F81U-10300-DB, F81U-10300-DC, F81U10300BC, F81U10300DB

ID 33.35, **Thickness** 1.55

Bearing Caps

Pkg. 5



234024 Bearing Cap

Servicing: 1120211, 1120213, 1124015, 1131820, 1140135, 1140694, 1140696, 1145715, 1151212, 1151213, 1211891, 1229421, 1303447

ID 36.90, **OD** 35.00

Bearing cap for 6202..

Various

Pkg. 10



139265 Plug

Servicing: 3G series

OD 30.30, **Height** 2.15

Pkg. 5



231763 Bearing Plate

Replacing: f67u10a335aa

Servicing: 3G-, 6G series, 1021397, 1024864, 1031134, 1032652, 1035755, 1057793, 1090424, 1104931, 1104987, 6729337, 7308195

ID 37.80, **Thickness** 1.60, **No./ mount. holes** 3

Pkg. 10



233409 Screw

Replacing: 389217s2, 379201-s

Servicing: CS144, 1G-, 2G serie

Thread 5/8", **Total length** 18.40, **Thread length** 14.75

Screw for bearing plate.

Pkg. 10



234910 Screw

Servicing: 3G-, 6G series

Thread M6, **Total length** 18.40, **Thread length** 15.35

For bearing retainer.

Covers



233702 S.R.E. Cover

Replacing: 16420271



234772 S.R.E. Cover

Servicing: 1120211, 1120213, 1124015, 1131820, 1140694, 1140696, 1151212, 1151213, 1211891, 1229421, 1429688, 1429689, 1464779



235213# S.R.E. Cover

Replacing: 86ab10a398ba

Servicing: 86ab10300ab



236025 S.R.E. Cover

Servicing: 1140135, 1145715, 1303447, 1464755, 1464756, 1464788, 1477856, 1477859, 1479818, 1545138, 2s6t10300aa, 2S6T10300AB

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.

Regulators

14 Volt



130506 Regulator

Replacing: gr540b, gr540a, gr540, gr534, gr533, gr503, gr341b, gr341a, gr341, gr273, f0vu10316aa, f0tu10316aa

14.5 **V setting**, **Dist. mount. holes** 100.65, **Regulator type** Electronic
Short circuit protected.



130611 Regulator

Replacing: 77FB10316AB, 77FB10316AA

14.3 **V setting**, **Dist. mount. holes** 62.00, **D+ type** Spade, **Regulator type** Electronic



130615 Regulator

Replacing: gre542, gre304, D27Z10316A

14.3 **V setting**, **Dist. mount. holes** 118.00, **Regulator type** Electronic



130675 Regulator

Replacing: gre520, gre388a, d5ry10316a, d1ry10316c, 74BB10316AA, 72VG10316AA

14.7 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic
Adjustable type: HC-CARGO 136325.



130676 Regulator

Replacing: gre790, gre786, gre521, e7ry10316a, e5ry10316a, E5RD10316AA, 82BB10316AA, 81DB10316AA, 74GB10316AA

Servicing: AA108, 1485512, 1485513, 1485514, 1569099, 1571101, 1571389, 5003898, 5003902, 5003903, 5007077, 6021771, 6033117

14.7 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic

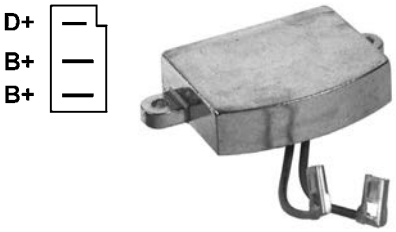
Alternative no.: 333253 5★, B130676



130835 Regulator

Replacing: e27z10316a

14.7 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** R-L



130849 Regulator

Replacing: 77BB10316AA

Servicing: 82FB10300EA

14.5 **V setting**, **Dist. mount. holes** 69.00



131907 Regulator

Replacing: gr784b, gr784a, gr784, gr748b, e73z10316a, e73f10316ac, e73f10316ab, e6yz10316a, e6tz10316a

Servicing: 2G series, E79F10300BA, E7S-F10300FA, E7SF10300HA, E7SF10300MA, E7ZF10300FA, E99F10300BA, E9SF10300BA

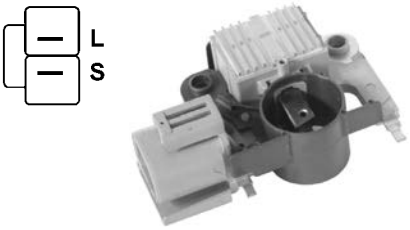
14.7 **V setting**, **Dist. mount. holes** 28.00, **Regulator type** Electronic
w/ brush box: HC-CARGO 234645.



132980 Regulator

Replacing: 86gb10316aa

14.6 **V setting**, 90 **Amp**, **Dist. mount. holes** 62.20, **Regulator type** Electronic, **Resistor** w/ *w/ 68 Ohm resistor. Slip Ring O.D. 28.00 mm.*



134088 Regulator

Replacing: gre799

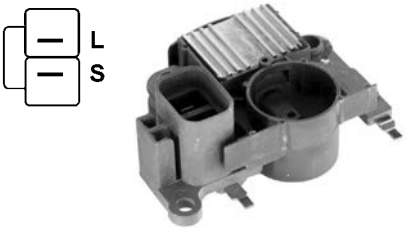
14.3 **V setting**, **Dist. mount. holes** 47.00, **Terminal type** S-L
Repair circuit: HC-CARGO 232608.



135030 Regulator

Replacing: e9pz10316aa

14.5 **V setting**, **Dist. mount. holes** 49.00, **Regulator type** Electronic, **Terminal type** I- A



135032 Regulator

Replacing: gre805, F0JY10316A

Servicing: 92JA10300AA

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L
Repair circuit: HC-CARGO 232608.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



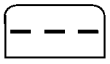


135854 Regulator

Replacing: gr811, f3ru10316aa, f3az10316a, f3au10316aa

Servicing: 3G series, 93bb10300fe, F3AU-10300-CA

14.7 **V setting**, **Dist. mount. holes** 53.90, **Regulator type** Electronic



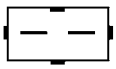


136230 Regulator

Replacing: vp4l2u10316aa, gr821, gr801, gr793, f77u10316aa, f5du10316aa, f1du-10576aa, f1du10316aa, f0dz10316a

Servicing: 3G series, f07f10300aa, F07U10300AA, F07U10300AB, F07U10300AC, F0CF-10300-AA, F0DF10300AA, F0DF10300BA, F0DU10300BC

14.7 **V setting**, **Dist. mount. holes** 54.30, **Regulator type** Electronic, **Terminal type** A(+)-S(ST)-I(L/IG)

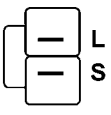




136554 Regulator

Replacing: gre802, e9jy10316a

14.4 **V setting**, **Dist. mount. holes** 63.85, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.



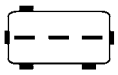


136649 Regulator

Replacing: gre808, F3XY10316A

Servicing: XF5210300AC, XF5Z10346AA

14.6 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** S-L





138185 Regulator

Replacing: gr819, gr818, f5rz10316a, f5ru10316ba

Servicing: 3G series, 1035755, 1104931, 94bb10300ae, 96BB10300BA, 96BB10300BB, 96BB10300BE, f4pu10300aa, F5RU-10346-BC

14.7 **V setting**, **Dist. mount. holes** 55.00, **Regulator type** Electronic, **Terminal type** A(+)-S(ST)-I(L/IG)
w/ load response control.



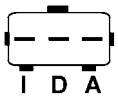


138663 Regulator

Replacing: gr815, f50y10316a, f50u10316a

Servicing: 4G series, F56DU10300DB, F6DU-10300-BB

14.7 **V setting**, **Dist. mount. holes** 45.55, **Regulator type** Electronic
w/ low response control 10 sec. Black house.



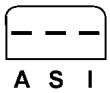


230065 Regulator

Replacing: f8wu10c359ab

Servicing: 6G series, f81z-10346-ca, F81Z-10346-DA, F81Z-10346-EA, F81Z-10346-GA, F8AU-10300-AC, F8AZ-10346-AB, XR5Z10346AA

14.5 **V setting**, **Dist. mount. holes** 54.00, **Regulator type** Electronic, **Terminal type** I-D-A





230066 Regulator

Replacing: gr817, f6dy10316a, f6du10c359aa

Servicing: 4G series, F6LU-10300-CA, F6ZU-10300-BC, F77U-10300-AB

14.7 **V setting**, **Dist. mount. holes** 56.45, **Regulator type** Electronic, **Terminal type** I-S-A



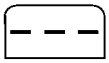


232414 Regulator

Replacing: f1dz10c359a

Servicing: 3G series

14.7 **V setting**, **Dist. mount. holes** 53.55, **Regulator type** Electronic





232415 Regulator

Replacing: GR814, F4ZZ10316A, F4ZU-10316AC, F4ZU10316AA

Servicing: 3G series

14.5 **V setting**, **Dist. mount. holes** 52.90, **Regulator type** Electronic
6 sec. LRC.





233232 Regulator

Replacing: XW4U10C359AB, xw4u-10c359-ab, 4l3u10c359aa

Servicing: 6G series, 1L8Z-10346-AB, 98AB-10300-FC, 98az-10346-ea, 98AZ-10346-FA, XF2U-10300-AB, XF2U-10300-BC, XF2U10300AB

14.6 **V setting**, **Dist. mount. holes** 52.00, **Regulator type** Electronic
w/ black cover.





233233 Regulator

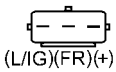
Replacing: XS7U10C359AC

Servicing: 1L5U10300AA, 1L5Z10346AA, 2C3U10300BB, 2F1U10300CA, 4069776, 98bb-10300-cc, 98bb10300cc, F8RZ10346CC, XS8Z10346BB

14.5 **V setting**, **Regulator type** Electronic, **Terminal type** I-F-R
w/ white cover.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.





233775 Regulator

Replacing: xs7u10c359ba

Servicing: 6G series

14.5 **V setting**, **Dist. mount. holes** 53.00, **Regulator type** Electronic
7 sec. LRC. w/ orange cover.



234164 Regulator

Replacing: D3TZ10316AA, d3tz10316a, C4TZ10316A, C3TZ10316B, C3TZ10316AA, C3TZ10316A, C3SZ10316B, 6r341a, 6R341

14.5 **V setting**, **Dist. mount. holes** 94.25, **Regulator type** Electronic, **Terminal type** I-A-S-F



234165 Regulator

Replacing: E6DF10316AA

Servicing: 7 A rotors

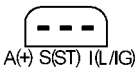
14.5 **V setting**, **Dist. mount. holes** 94.40, **Terminal type** I-A-S-F



234324 Regulator

Replacing: v1200

14.2 **V setting**, 13-16 **V/ adjustable**, - **Dist. mount. holes** 105.00, **Regulator type** Electronic





234645 Regulator

Servicing: 2G series

14.7 **V setting**, **Dist. mount. holes** 53.50, **Regulator type** Electronic
As HC-CARGO 131907, but w/o brush box.





235601 Regulator

Servicing: 1120211, 1120213, 1124015, 1131820, 1140135, 1140694, 1140696, 1145715, 1151212, 1151213, 1211891, 1229421, 1303447

14 **V setting**



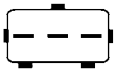


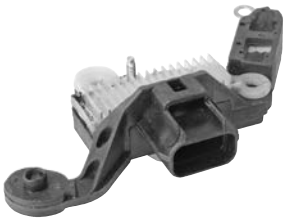
235815 Regulator

Replacing: VP4L1U10C359AA

Servicing: 3L7410300AA, 3L7410300BA, 3L7410300BB, 3L7Z10346AA, 3L7Z10346BA

14.4 **V setting**, **Regulator type** Electronic





239306 Regulator

Servicing: 2C1T10300BA, 2c1t10300bb, 4362258, yc1u10300ea

14.3 **V setting**



333253 5★ Regulator

Manufacturer: Bosch

Replacing: gre790, gre786, gre521, e7ry10316a, e5ry10316a, E5RD10316AA, 82BB10316AA, 81DB10316AA, 74GB10316AA

Servicing: AA108

14.7 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic
Alternative no.: 130676

Regulator Parts

Various



136222 Regulator Repair Harness

Servicing: 3G series

Pkg. 10



192902 Junior-Timer-Connector

Replacing: 1L2T14A464TA

Colour Black, **Plug** Male, **Type/ terminal** Junior Timer, **No./ poles** 2
Plug 75. Terminal: HC-CARGO 192998.

Brush Boxes



131427# Brush Box

Replacing: gb107

Servicing: 1G series, 7081782, 95GB10300DA, 95GB10300EB, 95GB10300KA, D0SF10300A, D20F10300CA, D20F10300EB, D22F10300BA

14 **V**, **OD** 35.55

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



131428 Brush Box

Replacing: gb128a, d2of10320aa, D20Z10347B, D20F10320AA

Servicing: 1G series, D32F10300AA, D50F10300AA, D70F10300AA, D70F10300CA, D70F10300DA, D70F10300EA, D70F10346AA, D70F10346BA

14 **V**, **OD** 44.60



131917 Brush Box

Replacing: e43z10320a

Servicing: 2G series, E79F10300BA, E7S-F10300FA, E7SF10300HA, E7SF10300MA, E7ZF10300FA, E99F10300BA, E9SF10300BA

14 **V**, **OD** 43.80



136216 Brush Box

Replacing: f1dz10347a, bg320

Servicing: 3G series, 1021397, 1024864, 1031134, 1032652, 1035755, 1057793, 1090424, 1104931, 1104987, 6729337, 7308195

14 **V**



238956 Brush Box

Servicing: 1120211, 1120213, 1124015, 1131820, 1140135, 1140694, 1140696, 1145715, 1151212, 1151213, 1211891, 1229421, 1303447

14 **V**

Brush Box Parts

Brush Sets



140191 Brush Set

Replacing: D20F10A367BB, D20F10367AA

Servicing: 1G series, D32F10300AA, D50F10300AA, D70F10300AA, D70F10300CA, D70F10300DA, D70F10300EA, D70F10346AA, D70F10346BA

14 **V**, **Length** 12.50, **Lead length** 38.00, **Height** 7.50, **Thickness** 4.00
70/90 A.



141171 Brush Set

Replacing: 141171

Servicing: 2G series

14 **V**, **Length** 12.00, **Lead length** 34.00, **Height** 7.50, **Thickness** 4.00



141172 Brush Set

Replacing: gb304, D4HZ10347B

Servicing: 1G series

14 **V**, **Length** 16.00, **Lead length** 31.00, **Height** 6.50, **Thickness** 5.00



141173 Brush Set

Replacing: GB310A, E6HZ10347A

Servicing: 1G series

14 **V**, **Length** 18.00, **Lead length** 32.00, **Height** 7.50, **Thickness** 4.00



141174 Brush Set

Replacing: 141174

Servicing: 3G serie 1. production, E79F-10300BA, E7SF10300FA, E7SF10300HA, E7SF10300MA, E7ZF10300FA, E99F10300BA, E9SF10300BA

14 **V**, **Length** 18.00, **Lead length** 28.50, **Height** 7.50, **Thickness** 4.00



141175 Brush Set

Replacing: 141175

Servicing: 3G serie 2. production

14 **V**, **Length** 18.00, **Lead length** 62.00, **Height** 7.50, **Thickness** 4.00



141176 Brush Set

Replacing: 141176

Servicing: 4G series

14 **V**, **Length** 15.00, **Lead length** 57.50, **Height** 7.50, **Thickness** 4.00



141229 Brush Set

Replacing: 141229

Servicing: 6G series, 2C3U10300BB, 4069776, YC1U10300DA, YC1U10300DB

14 **V**, **Length** 22.00, **Lead length** 38.00, **Height** 8.00, **Thickness** 5.00

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Available while stock last, * Program development.



142042 Brush Set

Replacing: 142042

Servicing: 1s7t10300ba, 1s7t10300bb, 1s7t10300bc, 1s7t10300cb, 1s7t10300cc, 1s7t10300cd, 1s7t10300db, 1s7t10300dc, 1s7t10300dd

Length 16.00, **Lead length** 54.00, **Height** 8.00, **Thickness** 4.50



FX422 Brush Set

Replacing: C6VY10347A

Servicing: 1G series, D0SF10300A, D20F10300CA, D20F10300EB, D22F10300BA, D2SF10300AA, D2S-F10300AB, D30F10300BA, D30F10300CA

14 **V**, **Length** 12.50, **Lead length** 28.00, **Height** 6.50, **Thickness** 5.00
61 A.

Springs

Pkg. 10



233293# Brush Spring

Servicing: 1G-, 2G-, 3G series

OD 6.25, **Length** 40.55

Rectifiers



130517 Rectifier

Replacing: gy1327, C5AZ10304A

Servicing: 1G series 40/65 A, D20F10300EB, D2SF10300AA, D30F10300BA, D30F10300CA, D30F10300DA, D40F10300FA, D5TF10300AA

14 **V**, 35 **Amp/ diode**,
B+/ threaded 1/4" UNF-15.50, **ID** 68.70, **OD** 120.00, **Mount. dist.** 85.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

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131421 Rectifier

Replacing: gy1306a, d9vy10304a, d6az10304a

Servicing: 1G series 40/65 A

14 **V**, 35 **Amp/ diode**,
B+/ threaded 1/4" UNF-16.00, **ID** 70.00, **OD** 120.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

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131430# Rectifier

Replacing: gy1346, gy1345a, gy1302b, gy1302, F0HZ10304A, E9DZ10304A, d3vy10304a

Servicing: 1G series

14 **V**, 50 **Amp/ diode**,
B+/ threaded 1/4" UNF-19.00, **ID** 48.75, **OD** 139.00, **Mount. dist.** 100.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

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136209 Rectifier w/ S.R.E. Bracket

Replacing: f5az10304ba

Servicing: 3G series 70/95 A, 1021397, 1024864, 1031134, 1032652, 1057793, 1090424, 1104987, 6729337, 7308195, 93BB10300FC

14 **V**, 50 **Amp/ diode**,
B+/ threaded M6/12.00, **OD** 133.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W. Bearing: HC-CARGO 142277.



136210 Rectifier w/ S.R.E. Bracket

Replacing: f5az10304aa

Servicing: 3G series, 1035755, 1104931, 96BB10300BA, 96BB10300BB, 96BB10300BE, F2TU10300AF, F37U10300AA, F3UU10300AE, F3UU10300AF

14 **V**, 50 **Amp/ diode**,
B+/ threaded M6/11.50, **OD** 147.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W. Bearing: HC-CARGO 141002.



136556 Rectifier

Replacing: e9yj10304a

35 **Amp/ diode**, **B+/ threaded** M6/33.00, **ID** 36.00, **OD** 114.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



137048 Rectifier

Replacing: gy1360, gy1351, e6dz10304a, e6dz10304, e43z10304a

Servicing: 2G series, E79F10300BA, E7S-F10300FA, E7SF10300HA, E7SF10300MA, E7ZF10300FA, E99F10300BA, E9SF10300BA

50 **Amp/ diode**, **OD** 65.00, **Mount. dist.** 53.00, **No./ diodes** 6, **Capacitor** w/o
For 70-90 A alternator.



139668 Rectifier w/ S.R.E. Bracket

Replacing: gl331, 139668

Servicing: 4G series

14 **V**, 50 **Amp/ diode**,
B+/ threaded M5/11.00, **ID** 40.25, **OD** 133.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



230842 Rectifier

Replacing: F8WU10A366AAIP, F8WU10A366AA, f8wu10a336aa1p

Servicing: 6G series, f81z10346ca, F81Z-10346DA, XF2U10300AB

50 **Amp/ diode**, **B+/ threaded** M6/24.00, **OD** 136.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



230870 Rectifier

Replacing: F8AU10A366AAIP, f8au10a366aa

Servicing: 6G series 135 A

50 **Amp/ diode**, **B+/ threaded** M6/11.00, **OD** 149.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o *w/ terminal W.*



233207 Rectifier w/ S.R.E. Bracket

Servicing: 6G series, gl450, XW4U10300BA, XW4Z10346B, XW4Z10346BA

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M6/10.10, **OD** 136.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o *w/ terminal W.*



233208 Rectifier w/ S.R.E. Bracket

Servicing: 6G series, 98az-10346-ea, 98az10346ea, 98bb-10300-cc, 98bb10300cc, A8ZU10300AC, F8RZ-10346-CC, F8RZ10346CC

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M6/12.35, **OD** 136.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o *w/ terminal W.*



233209 Rectifier w/ S.R.E. Bracket

Servicing: 6G series, 1L8Z-10346-CB, 2C3U10300BB, 4069776, XS8Z-10346-AA, XS91-10300-AE, yc1u10300da, yc1u10300db, yf1z-10346-fa

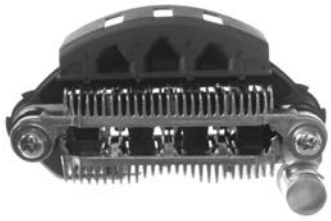
50 **Amp/ diode**, **B+/ threaded** M6/9.00, **OD** 131.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o *w/ terminal W. Bearing: HC-CARGO 140235.*



233210 Rectifier w/ S.R.E. Bracket

Servicing: 6G series, 1L8Z-10346-AB, 1L8Z10346AB

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M6/8.95, **OD** 131.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o *w/ terminal W.*



233746# Rectifier

Replacing: E9PZ10304A

Servicing: F02U-10300-AA, F02Z-10346-A

30 **Amp/ diode**, **OD** 107.00, **Mount. dist.** 85.00, **No./ diodes** 8, **Capacitor** w/



235019 Rectifier

Servicing: 1120211, 1120213, 1124015, 1131820, 1140694, 1140696, 1151212, 1151213, 1211891, 1464779, 1464782, 1478119, 1478608

14 **V**, 19-25 **Zener V**, 50 **Amp/ diode**, **B+/ threaded** M6/11.00, **OD** 112.00, **Mount. dist.** 65.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



236658 Rectifier

Servicing: 1229421, 1429688, 1429689, 1464784, 1464785, 1465173, 1477971, 1477972, 1478187, 2T1U10300AB, 2t1u-10300ac, 2T1U10300AD

50 **Amp/ diode**, **B+/ threaded** M6/36.45, **OD** 112.00, **Diode type** Avalanche, **No./ diodes** 12

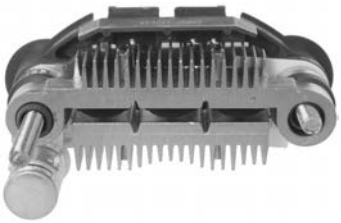
NEW PRODUCT
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331690 Rectifier

Servicing: 1145715, 1464755, 1479818, 2S6T10300FA, 2S6T10300FB, 2s6t10300fc

14 **V**, **B+/ threaded** M6/36.00, **OD** 104.50, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 8, **Capacitor** w/o

65 mm



132039 Rectifier

Replacing: E7GZ10304A

50 **Amp/ diode**, **B+/ threaded** M5/24.00, **OD** 80.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/

75 mm



132040 Rectifier

Replacing: E98Z10304A

50 **Amp/ diode**, **B+/ threaded** M5/24.00, **OD** 96.00, **Mount. dist.** 75.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 6, **Capacitor** w/

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

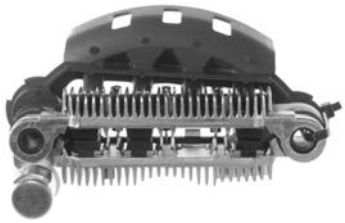


132469 Rectifier

Replacing: e92z10304a, E8GY10304B, e8gy10304a

50 **Amp/ diode**, **B+/ threaded** M6/24.00, **OD** 97.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/

85 mm



134297 Rectifier

Replacing: e8pz10301p, E8PZ10301B

Servicing: E83F10300AA, E83F10300AB, E83F10300BA, e83z10346a

50 **Amp/ diode**, **B+/ threaded** M6/44.50, **OD** 101.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 6, **Capacitor** w/



233511 Rectifier

Replacing: gye1379, E8PZ10340A, e8pz10304a

30 **Amp/ diode**, **B+/ threaded** M6/24.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/

100 mm



137486 Rectifier

Replacing: e9pz10304b

Servicing: e9sf10300ba, E9SF10300DA

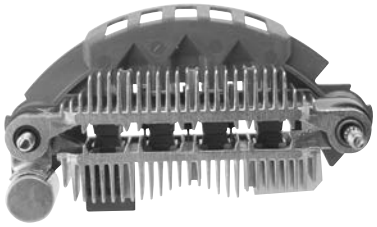
14 **V**, 30 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



231079 Rectifier

Servicing: 1017500, 1086299, 98VB-10K359BA, 98VB10K359BB, 98VB10K359BC, 98VB10K399BA, 98VB10K399BB

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 122.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8



233518 Rectifier

Replacing: GYE1429, F3LY10304A, 233518

Servicing: F3LU10300BA, F3LU10300BB, F3LU10300BC, F3LY10346A

50 **Amp/ diode**, **B+/ threaded** M5/18.00, **OD** 100.00, **Mount. dist.** 100.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 8, **Capacitor** w/

Rectifier Parts

Terminals

Pkg. 10



233289# Terminal Bolt

Servicing: 1G series 40-65 A

Thread size M5, **Total length** 41.00, **Thread length** 21.45

Various

Pkg. 5



232772 Repair Harness

Servicing: 2G series

Bearings

Needle Bearings

Pkg. 10



140120 Needle Bearing

Replacing: d20z10a304a

Servicing: 10SI, 12SI, 15SI, 17SI, 27SI, A127, 1012257, 1100711, 1659058, 5024754, 5027845, 5029923, 6159682, 6694981, 84AB10300AA

ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13 *Closed end.*

Pkg. 5



140771 Needle Bearing

Replacing: mcg227, ge31, ge13, c5az10a304a

Servicing: 10SI/116, 10SI/136

ID 17.00, **OD** 23.85, **Height** 19.45, **Rolls** 13 *w/ double seal. w/ closed end.*

Special Bearings

Pkg. 10



141026 Ball Bearing

Replacing: f8wu10a304aa

Servicing: 6G series, 2C3U10300BB, 4069776, XF2U10300AB, YC1U10300DA, YC1U10300DB

ID 10.00, **OD** 27.00, **Height** 11.00

Pkg. 5



141107 Ball Bearing

Replacing: F50W10A304AA, f50w-10a304-aa

Servicing: 4G series

ID 17.00, **OD** 40.00, **Height** 12.00, **Teflon ring** w/

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#Available while stock last, * Program development.

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Fans & Pulleys

Fans



233113 Fan

Replacing: gp473a, gb601, E8FZ10A310A, E6SZ10A310A, E5SZ10A310A, D9ZZ10A310A, d0az10a310b, 05az10a310b

Servicing: 10DN, 10SI, 1G series, D0S-F10300A, D20F10300CA, D20F10300EB, D22F10300BA, D2SF10300AA, D2SF10300AB, D30F10300BA

OD 136.00, **Bore dia.** 17.00, **Height** 13.65, **Fans** 10, **Pulley** w/o

Pulleys



133951[#] Pulley

Servicing: 10DN, 10SI, 15SI, C5AZ10344L

OD 65.80, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 38.20, **Depth** 21.50, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



139862 Pulley

Servicing: 1021397, 1024864, 1031134, 1032652, 1057793, 1090424, 1104987, 6729337, 7308195, 93BB10300FC, 93bb-10300fd, 93bb10300fe

OD 59.00, **Bore dia.** 17.00, **Dist./ back** 12.60, **Width** 27.80, **Depth** 10.60, **Pulley type** SP, **Grooves** 5



230534 Pulley

Servicing: E83F10300AA, E83F10300AB, E83F10300BA, E8DF10300AB, e8dz10346a, E8SF10300AA, E8SZ10346A

OD 54.30, **Bore dia.** 15.00, **Dist./ back** 6.65, **Width** 32.30, **Depth** 20.90, **Pulley type** SP, **Grooves** 6



230535 Pulley

Replacing: gp652, gp493, e8tz10344a, e87f10a352aa, C9AF10A352B, C5AZ10344K

Servicing: 10SI, 12SI, 15SI, 17SI, 2G series

OD 65.30, **Bore dia.** 17.00, **Dist./ back** 3.40, **Width** 22.20, **Depth** 6.20, **Pulley type** P, **Grooves** 1



231332 Pulley

Replacing: gp685, gp683, gp680, gp668, gp667, f0dz103aac, f0dz10344a, f0du10a-352b2a, f0du10a352b1a

Servicing: 3G series, 1035755, 1104931, 1r3u10300aa, 96BB10300BA, 96BB10300BB, 96BB10300BE, F2PU10346AF, f37u10300aa, f3uu10300ae

OD 68.00, **Bore dia.** 17.00, **Dist./ back** 12.00, **Width** 31.00, **Depth** 14.00, **Pulley type** SP, **Grooves** 6



232083 Pulley

Replacing: gp466, C5TZ10344J, c5tz-10344-j, C5TF10A352J2

Servicing: 1G-, 2G series

OD 81.30, **Bore dia.** 17.00, **Dist./ back** 3.35, **Width** 40.70, **Depth** 21.45, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



232109 Pulley

Replacing: gp589, D4HZ10344A

Servicing: 21SI, 22SI, 25SI, 26SI, 30SI, 33SI, 34SI

OD 85.20, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 3.40, **Width** 44.00, **Depth** 10.40, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



232114 Pulley

Replacing: gp674, F0HZ10344C

Servicing: 21SI, 25SI, 26SI, 30SI

OD 82.60, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 3.30, **Width** 37.60, **Depth** 4.00, **Pulley type** SP, **Grooves** 8



232115 Pulley

Replacing: gp698, F3HZ10344B

Servicing: 21SI, 22SI, 33SI, 34SI

OD 69.00, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 3.50, **Width** 41.50, **Depth** 8.00, **Pulley type** SP, **Grooves** 8



232119 Pulley

Replacing: D3JL10130D1, d3jl-10130-d1

Servicing: 1G series

OD 85.15, **Bore dia.** 17.00, **Dist./ back** 3.40, **Width** 23.85, **Depth** 7.20, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1

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[#]Available while stock last, ***** Program development.



232121[#] Pulley

Replacing: GP609A, E9TZ10344A, E9T-F10A352AA, E3TF10A352AA, e3tf-10a352-aa

Servicing: 1G-, 2G series

OD 84.80, **Bore dia.** 17.00, **Dist./ back** 3.30, **Width** 41.60, **Depth** 22.20, **Belt type** Double=A+B, **Pulley type** DP, **Grooves** 2



232124 Pulley

Replacing: gp688, F1HZ10344A, F1HU10A352AB, f1hu-10a352-ab

Servicing: 3G series

OD 75.00, **Bore dia.** 17.00, **Dist./ back** 4.10, **Width** 39.10, **Depth** 21.80, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



232131 Pulley

Replacing: gp693, F3HZ10344A, F3HU10A352AB, f3hu-10a352-ab

Servicing: 3G series

OD 67.30, **Bore dia.** 17.00, **Dist./ back** 7.65, **Width** 44.80, **Depth** 27.40, **Pulley type** SP, **Grooves** 8



232132 Pulley

Replacing: gp711, F5UZ10344C, F5UU10A-352CA, f5uu10a352c2a, f5uu10a352c1a, f5uu-10a352-ca

Servicing: 3G-, 6G series

OD 62.50, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 39.00, **Depth** 22.00, **Pulley type** SP, **Grooves** 8



232133 Pulley

Replacing: gp707, F5UZ10344A, f5uz-10344-a

Servicing: 3G series

OD 62.40, **Bore dia.** 17.00, **Dist./ back** 4.10, **Width** 35.00, **Depth** 18.50, **Pulley type** SP, **Grooves** 7



232137 Pulley

Replacing: gp720, F65Z10344AA, F65U10A352AA, f65u-10a352-aa

Servicing: 3G series

OD 57.90, **Bore dia.** 17.00, **Dist./ back** 12.60, **Width** 39.20, **Depth** 22.00, **Pulley type** SP, **Grooves** 8



232138 Pulley

Replacing: F81U10A352CA, f81u10a352c2a, f81u-10a352-ca

Servicing: 6G series

OD 68.00, **Bore dia.** 17.00, **Dist./ back** 12.50, **Width** 39.30, **Depth** 22.40, **Pulley type** SP, **Grooves** 8



232139 Pulley

Replacing: F81U10A352BA, f81u-10a352-ba

Servicing: 6G series

OD 64.10, **Bore dia.** 17.00, **Width** 36.40, **Depth** 22.25, **Pulley type** SP, **Grooves** 8



232142[#] Pulley

Replacing: gp485, C7TF10A352B, C7T210344B

Servicing: 1G series

OD 77.80, **Bore dia.** .800, **Dist./ back** 3.45, **Width** 39.00, **Depth** 19.90, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



234626 Pulley

Servicing: 1120211, 1124015, 1131820, 1140696, 1151212, 1211891, 1464779, 1478608, 1S7T10300BA, 1S7T10300BB, 1S7T10300BC

OD 53.50, **Bore dia.** 17.00, **Dist./ back** 9.40, **Width** 29.30, **Depth** 14.30, **Pulley type** SP, **Grooves** 6

Freewheel Pulleys



230308[#] Freewheel Pulley

Replacing: ym2e10n356aa, xw4u10a352aa, 3395459

Thread size M16-1.50, **OD** 59.60, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 37.00, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



233657 Freewheel Pulley

Replacing: yc1u10a352ba, yc1t10a352ac

Servicing: 2C1T10300BA, 2C1T10300BB, 4098414, 4332279, 4461712, YC1T10300BC, YC1T10300BD, YC1T10300BE, YC1T10300BG, YC1T10300BH

Thread size M16-1.50, **OD** 59.15, **Bore dia.** 17.00, **Dist./ back** 0.51, **Width** 35.10, **Pulley type** SP/FW, **Grooves** 7

Pulley tool: HC-CARGO 210948.

Alternative no.: 332303

All measurements are in mm, unless else stated.

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234401 Freewheel Pulley

Replacing: 1s7u10a352db

Servicing: 1120213, 1140694, 1151213, 1464782, 1478119, 1s7t10300cb, 1s7t10300cc, 1s7t10300cd, 1s7t10300ce, 1S7T10300CF

Thread size M16-1.50, **OD** 53.10, **Bore dia.** 17.00, **Dist./ back** 3.40, **Width** 36.90, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.



235157 Freewheel Pulley HC-CARGO

Replacing: yp2c10a352aa, yc1u10352ba, vp2c1u10a352bb, vp2c1u10a352aa

Servicing: 2C3U10300BB, 4069776, 4362258, yc1u10300da, yc1u10300db, yc1u10300ea

Thread size M16-1.50, **OD** 59.15, **Bore dia.** 17.00, **Dist./ back** 9.80, **Width** 45.00, **Pulley type** SP/FW, **Grooves** 7
Alternative no.: B235157



235476 Freewheel Pulley

Servicing: yc1t10300bb, ycit10300bb

Thread size M17-1.50, **OD** 55.65, **Bore dia.** 17.00, **Dist./ back** 2.50, **Width** 35.50, **Pulley type** SP/FW, **Grooves** 6



235494 Freewheel Pulley

Replacing: 5M5Q10344AB, 5m5q10344aa

Thread size M17-1.50, **OD** 58.70, **Bore dia.** 17.00, **Dist./ back** 2.20, **Width** 36.00, **Pulley type** SP/FW, **Grooves** 6
Alternative no.: 332309



235503 Freewheel Pulley

Replacing: vp2psu10a352ba

Servicing: 2s6t10300aa, 2S6T10300AC

Thread size M16-1.50, **OD** 54.20, **Bore dia.** 17.00, **Dist./ back** 6.25, **Width** 39.40, **Pulley type** SP/FW, **Grooves** 6



237582 Freewheel Pulley

Thread size M14-1.50, **OD** 60.00, **Bore dia.** 15.00, **Dist./ back** 5.10, **Width** 36.40, **Pulley type** SP/FW, **Grooves** 5



332303 Freewheel Pulley HC-CARGO

Replacing: yc1u10a352ba, yc1t10a352ac

Servicing: 4098414, 4332279, yc1t10300bc, yc1t10300bd, yc1t10300be, yc1t10300bg, yc1t10300bh, yc1t10300bj

Thread size M16-1.50, **OD** 59.15, **Bore dia.** 17.00, **Dist./ back** 0.80, **Width** 36.60, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 7
Pulley tool: HC-CARGO 210948.
Alternative no.: 233657



332309 Freewheel Pulley HC-CARGO

Replacing: 5M5Q10344AB, 5m5q10344aa

Thread size M17-1.50, **OD** 58.70, **Bore dia.** 17.00, **Dist./ back** 1.75, **Width** 39.50, **Pulley type** SP/FW, **Grooves** 6
Alternative no.: 235494



332312 Freewheel Pulley

Servicing: 1256552, 1530299, 3M5T10300NB, 3M5T10300VB, 3M5T10300VC, 3M5T10300VD

Thread size M14-1.50, **OD** 53.00, **Bore dia.** 17.00, **Dist./ back** 4.55, **Width** 44.60, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 237619



333078 5★ Freewheel Pulley

Manufacturer: Litens

Replacing: 6g9n10d311aa

Servicing: 6g9n10300la, 6g9n10300ma, 6g9n10300xc

Thread size M16-1.50 L, **OD** 62.00, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 51.10, **Depth** 11.00, **Pulley type** Triple Pulley



333082 Freewheel Pulley

Replacing: 5M5Q10D310AB, 5M5Q10D310AA, 5m5q10c382aa, 1s4q10c382ad

OD 58.70, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6



333428 5★ Freewheel Pulley OAD

Manufacturer: Litens

Replacing: 98FF10C382BH, 98FF10C382BG, 98FF10C382BF, 98FF10C382BC

OD 58.00, **Width** 152.00, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6

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Available while stock last, * Program development.



333431 5★ Freewheel pulley OAD

Manufacturer: Litens

Replacing: 6G9N6A312AE

OD 69.00, **Bore dia.** 18.00/20.00, **Width** 53.00, **Depth** 31.45, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



333449 5★ Freewheel pulley OAD

Manufacturer: Litens

Replacing: yc1t10a352ac

Servicing: 2C1T10300BA, yc1t10300bc, yc1t10300bd, yc1t10300be, yc1t10300bg, yc1t10300bh, yc1t10300bj

OD 59.00, **Bore dia.** 17.00, **Width** 69.00, **Depth** 8.67, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** FW, **Grooves** 7



333450 5★ Freewheel pulley OAD

Manufacturer: Litens

Replacing: YC1Y10352BB, YC1Y10352BA, YC1U1033EA

Servicing: yc1u10300da, yc1u10300db

OD 59.00, **Width** 79.00, **Depth** 17.00, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 7



333451 5★ Freewheel pulley OAD

Manufacturer: Litens

Replacing: 5M5Q10D310AB, 5M5Q10D310AA, 5m5q10c382aa, 1s4q10c382ad, 1s4q10c382ac

Servicing: 3M5T10300LB, 5MQ10344AA

OD 81.00, **Width** 157.00

Pulley Parts

Spacers

Pkg. 10



133945 Spacer for Pulley

Replacing: C5AZ10344B

Servicing: 10DN, 10SI, 15SI, CS121, 130, 1100711

ID 17.00, **OD** 22.20, **Height** 5.00

Pkg. 10



133948 Spacer for Pulley

Replacing: d20z10a344b, D20Z10A344A, D20Z10344A

Servicing: 10DN, 10SI, 12SI, 15SI, 17SI

ID 17.00, **OD** 22.20, **Height** 10.00

Pkg. 10



235022 Spacer for Pulley

Servicing: 1021397, 1024864, 1031134, 1032652, 1057793, 1090424, 1104987, 6729337, 7308195, 93BB10300FC, 93bb10300fd, 93bb10300fe

ID 16.95, **OD** 24.30, **Height** 4.30

Sundry Parts

Insulators

Pkg. 5



136221 Insulator

Replacing: f1dz10329a

Servicing: 3G series, 1035755, 1104931, 2C3U10300BB, 4069776, 96BB10300BA, 96BB10300BB, 96BB10300BE, F07F10300AA, F07U10300AA

ID 12.70, **OD** 20.25, **Height** 17.30

Pkg. 5



230070 Insulator

Servicing: 6G series

Pkg. 10



234716 Insulator

Servicing: 1120211, 1120213, 1124015, 1131820, 1140694, 1140696, 1151212, 1151213, 1211891, 1229421, 1429688, 1429689, 1464779

ID 5.30, **OD** 6.80, **Height** 12.30

Pkg. 10



234725 Insulator

ID 7.38, **OD** 14.34, **Height** 11.09

Pkg. 10



234726 Insulator

ID 3.44, **OD** 7.57, **Height** 3.23

Pkg. 10



234883 Insulator

Servicing: 1120211, 1120213, 1124015, 1131820, 1140135, 1140694, 1140696, 1151212, 1151213, 1211891, 1303447, 1464756, 1464779

ID 7.30, **OD** 14.00, **Height** 4.10

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Terminals



136217 Battery Terminal

Replacing: f81u10329aa

Servicing: 3G-, 6G series, 1021397, 1024864, 1031134, 1032652, 1057793, 1090424, 1104987, 6729337, 7308195, 93BB10300FC

Thread size M6, **Total length** 60.80, **Thread length** 10.95



230067 Battery Terminal

Servicing: 6G series

Thread size M6, **Total length** 62.00, **Thread length** 11.00



230068 Battery Terminal

Replacing: f8ru10329ba

Servicing: 6G series

Thread size M6, **Total length** 63.65, **Thread length** 10.95



232174 Battery Terminal

Servicing: 3G-, 6G series, 94BB10300AE, 94BB10300AF, 94BB10300AH, 97BB10300AC, F4PU10300AA, F4PU10346AA, F5RZ10346A, F6RZ10346AA

Thread size M6, **Total length** 61.40, **Thread length** 11.15

Pkg. 5



234513 Terminal Switch

Servicing: 1120211, 1120213, 1124015, 1131820, 1140694, 1140696, 1151212, 1151213, 1211891, 1464779, 1464782, 1478119, 1478608

Pkg. 10



236659 Terminal Block

Servicing: 1145715, 1229421, 1429688, 1429689, 1464755, 1464784, 1464785, 1465173, 1477971, 1477972, 1478187, 1479818, 2S6T10300FA

ID/ mount. hole 6.43, **Length** 37.80

Thru Bolts

Pkg. 10



230421 Through Bolt

Replacing: 378466s100, 378466-s100

Servicing: 1100711

Thread size 10-24 UNC, **Total length** 2 1/4", **Length/ rear collar** 2 1/8", **Thread length** 1 1/8"

Pkg. 10



232643 Through Bolt

Replacing: N805910S101, n805910-s101

Servicing: F07F10300AA, F07U10300AA, F07U10300AB, F07U10300AC, F17U10300AA, F1PU10300CA, F1TZ10346C, F2TU10300AF, F37U10300AA

Thread size M6, **Total length** 76.60, **Length/ rear collar** 70.50, **Thread length** 23.15

Pkg. 10



234511 Through Bolt

Servicing: 1120211, 1120213, 1124015, 1131820, 1140694, 1140696, 1151212, 1151213, 1211891, 1229421, 1429688, 1429689, 1464779

Thread size M6, **Thread size/ rear** M5, **Total length** 114.00

Screws

Pkg. 100



192591 Socket Head Screw

Replacing: n805481s36

Servicing: AC203

Thread M6, **Length** 16.00, **DIN norm** 912, **ISO norm** 4762

Pkg. 10



234614 Screw

Thread M5, **Total length** 28.80, **Thread length** 15.60

Nuts

Pkg. 10



234478 Nut B+

Servicing: 96bb10300ba, 96bb10300bb, 96bb10300be, f5ru10300bb, f5ru10300bc, f6ru10300aa

Thread M6

El-plated.

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Various

Pkg. 10



136218 Regulator Terminal Cap

Replacing: f1dz10563a
Servicing: 3G series
ID 3.30, **OD** 12.85, **Height** 4.80

Pkg. 5



136219 Terminal Cap

Servicing: 3G-, 6G series
OD 28.30, **Height** 5.50

Pkg. 5



230071 Tolerance Ring

Servicing: 6G series
ID 27.00, **OD** 36.70, **Height** 15.25

Pkg. 5



230072 Bearing Cover

Servicing: 2C3U10300BB, 4069776, yc1u-10300da, yc1u10300db

Pkg. 10



234512 Cap for Brush Holder

Servicing: 1120211, 1120213, 1124015, 1131820, 1140135, 1140694, 1140696, 1145715, 1151212, 1151213, 1211891, 1229421, 1303447
ID 19.00, **OD** 26.00x40.90, **Height** 10.30

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Rotors

14 Volt



134968 Rotor

Replacing: I170-71001

Servicing: LR170-411B, LR170-411C, LR170-411D, LR170-415, LR170-415B, LR170-419, LR170-422B

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 94.50, **Shaft dia.** 15.00, **Total length** 181.00, **Rotation** CR, **Splines** 16



135141 Rotor

Replacing: I150-81006, I150-51004, I150-31006

Servicing: LR150-139P, LR150-401, LR150-401C, LR150-402, LR150-402C, LR150-410, LR150-410B, Ir150-410c, LR150-410CA, LR150-419

14 **V**, 50 **Amp**, **Thread size** M16-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 186.00, **Rotation** CR, **Splines** 16
Shaft: HC-CARGO 134074.



135142# Rotor

Replacing: I160-91002, I160-71006

Servicing: LR150-136B, LR150-136C, LR150-136E, LR150-201, LR150-201B, LR150-205B, LR160-401, LR160-401C

14 **V**, 60 **Amp**, **Thread size** M16-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 189.00, **Rotation** CR, **Splines** 16
Shaft: HC-CARGO 135331.



135502# Rotor

Replacing: I170-91002, I160-71009

Servicing: LR160-421C, LR160-421E, LR160-421F, LR160-426, LR170-406B, LR170-406C, LR170-406E, LR170-406F, LR170-414B, LR170-414C

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 204.00, **Rotation** CR, **Splines** 8

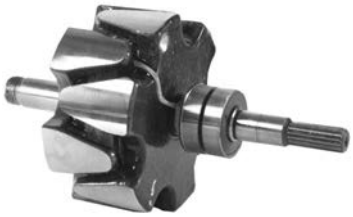


135503 Rotor

Replacing: I170g-51001, I170g-41001, I170g-1100, I170-81002, I170-61002

Servicing: LR170-402C, Ir170-402e, LR170-402F, Ir170-404b, LR170-404C, Ir170-417b, LR170-417C, LR170-417E, LR170-417F, LR170-420

14 **V**, 70 **Amp**, **Thread size** M17-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 191.00, **Rotation** CR, **Splines** 8
Shaft: HC-CARGO 139291.



135504 Rotor

Replacing: I160-31007

Servicing: LR170-402, LR170-402B, LR170-402C, LR170-404, Ir170-404b, Ir170-404c, Ir170-421, Ir170-421b, Ir170-424

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 191.00, **Rotation** CR, **Splines** 16
Shaft: HC-CARGO 134438.



135505 Rotor

Replacing: I150a-4100, I150-81008

Servicing: LR150-425B, LR150-428E, LR150-428T, LR150-443T

14 **V**, 50 **Amp**, **Thread size** M16-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 211.00, **Rotation** CR, **Splines** 16
Shaft: HC-CARGO 135332.



135506# Rotor

Replacing: I160-71007, I160-51004, I155-71001, I155-21002, I150-91006, I150-71001

Servicing: LR150-101B, LR150-125, LR150-125B, LR150-199, Ir150-200, Ir155-20, LR155-20B, LR155-23, LR155-25, LR155-29, LR160-120

14 **V**, 60 **Amp**, **Thread size** M16-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 145.50, **Rotation** CR



135826# Rotor

Replacing: I150a-1100, I150-91004, I150-51002

Servicing: Ir150-151, Ir150-151b, LR150-165, LR150-98, Ir150-98b, Ir150-98e, LR150-99, LR150-99B

14 **V**, 50 **Amp**, **Thread size** M16-1.50, **OD** 94.50, **Shaft dia.** 17.00, **Total length** 141.50, **Rotation** CR



136984# Rotor

Replacing: I140-11001

Servicing: LR140-402, LR140-408

14 **V**, 40 **Amp**, **Thread size** M16-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 199.00, **Rotation** CR, **Splines** 16
Shaft: HC-CARGO 133665.

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Available while stock last, * Program development.



137436# Rotor

Replacing: I140-81001

Servicing: LR140-415, LR140-415B, LR140-422E

14 **V**, 40 **Amp**, **Thread size** M16-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 201.00, **Splines** 16
Shaft: HC-CARGO 134831.



137460# Rotor

Replacing: I155-81001, I155-41001, I155-31002

Servicing: Ir155-16p, LR155-407C, LR155-407CA, LR155-408, LR155-409, LR155-410, LR155-410A, LR155-410B, LR155-410BA, LR155-414

14 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 186.00, **Rotation** CR, **Splines** 16
Shaft: HC-CARGO 134074.



138150# Rotor

Replacing: I170-7100, I160-41005

Servicing: LR160-414, LR160-417, Ir160-427c, Ir160-428, LR160-432B, LR160-433B, LR160-435B, LR170-401, LR170-405, LR170-408C

14 **V**, 70 **Amp**, **Thread size** M17-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 191.00, **Splines** 16
Shaft: HC-CARGO 134438.



138157# Rotor

Replacing: I160-51005

Servicing: LR160-412B, LR160-440, LR160-441

14 **V**, 60 **Amp**, **Thread size** M16-1.50, **OD** 94.50, **Shaft dia.** 17.00, **Total length** 191.00, **Splines** 16
Shaft: HC-CARGO 134438.



138158# Rotor

Replacing: I160g-51001

Servicing: LR160-412, LR160-412F, LR160-412G, LR160-440F, LR160-440G, LR160-441F, LR160-441G, LR160-445B, LR160-449, LR160-450

14 **V**, 60 **Amp**, **Thread size** M16-1.50, **OD** 94.50, **Shaft dia.** 17.00, **Total length** 191.00, **Splines** 8



138690# Rotor

Replacing: I190-1100, I180-9100, I180-2100

Servicing: LR170-713, LR170-721, LR170-721B, LR180-705, LR180-705B, LR180-710, LR180-710B, LR180-724, LR190-702B, LR190-702C

14 **V**, 70/80/90 **Amp**, **Thread size** M17-1.50, **OD** 103.50, **Shaft dia.** 17.00, **Total length** 140.00, **Rotation** CR



138693# Rotor

Replacing: I170g-11002, I170-31002

Servicing: LR170-732, Ir170-732b, Ir170-732c, LR170-740, LR170-740B, LR170-764

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 98.00, **Shaft dia.** 17.00, **Total length** 143.00, **Rotation** CR
Shaft: HC-CARGO 137779.



138715 Rotor

Replacing: I1110g-2100

Servicing: LR1100-703, LR1100-703B, LR1100-704, LR1100-704B, LR1100-704E, LR1100-705, LR1100-705B, LR1100-705C, LR1100-705E

14 **V**, 100/110 **Amp**, **Thread size** M17-1.25, **OD** 107.50, **Shaft dia.** 17.00, **Total length** 143.00, **Rotation** CR
Shaft: HC-CARGO 137779.



138725 Rotor

Replacing: I170g-71001, I170-51002, I160g-61002

Servicing: LR160-723, LR160-723B, LR160-724, LR160-727, LR160-727B, LR160-728, LR160-728B, LR160-728C, LR160-728E, LR160-728F

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 92.50, **Shaft dia.** 17.00, **Total length** 143.00, **Rotation** CR
Shaft: HC-CARGO 137779.



138737# Rotor

Replacing: I150a-3100

Servicing: LR150-430T, LR150-435T

14 **V**, 50 **Amp**, **Thread size** M16-1.50, **OD** 94.50, **Shaft dia.** 17.00, **Total length** 197.00, **Rotation** CR, **Splines** 16



138746# Rotor

Replacing: I170g-11001

Servicing: LR170-501C, LR170-502B, LR170-502C, LR170-503, LR170-504, LR170-504B

14 **V**, 70 **Amp**, **Thread size** M17-1.50, **OD** 107.50, **Shaft dia.** 17.00, **Total length** 196.00, **Splines** 8

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#Available while stock last, * Program development.

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139790 Rotor

Replacing: I160g-91002, I160g-21002

Servicing: LR160-446, LR160-446B, LR160-446C, LR160-446E, LR160-451D, LR160-452D

14 **V**, 60 **Amp**, **Thread size** M16-1.50, **OD** 94.00, **Shaft dia.** 17.00, **Total length** 205.00, **Rotation** CR, **Splines** 8



230055 Rotor

Replacing: I170g-41002

Servicing: LR170-505, LR170-505B, LR170-506, LR170-506B, LR170-511, LR170-511B

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 98.00, **Shaft dia.** 17.00, **Total length** 196.00, **Splines** 6



230063# Rotor

Replacing: I135-71001, I135-61001

Servicing: Ir135-104, LR135-105, Ir135-115, LR135-116, LR135-118, Ir135-121, LR135-124, Ir135-125, LR135-126, Ir135-127, Ir135-128

14 **V**, 35 **Amp**, **Thread size** M16-1.50, **OD** 83.00, **Shaft dia.** 19.00, **Total length** 137.00



230128# Rotor

Replacing: I160-51001

Servicing: LR160-107, LR160-107B, LR160-164, LR160-67, LR160-67B, LR160-67C, LR160-67E, LR160-67G, LR160-67H, LR160-92C

14 **V**, 60 **Amp**, **Thread size** M14-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 189.00, **Splines** 16



230129# Rotor

Replacing: I170-21001, I160-41003, I160-31002

Servicing: Ir160-104, Ir160-113, Ir160-125, LR160-93, LR170-21

14 **V**, 60 **Amp**, **Thread size** M17-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 141.00

Shaft: HC-CARGO 137778.



230468 Rotor

Replacing: I180g-5100

Servicing: Ir180-501, LR180-501B, LR180-501C, Ir180-502, LR180-503C, LR180-748

14 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 220.15, **Rotation** CR, **Splines** 8



230869# Rotor

Replacing: I165-7100, I165-6100

Servicing: LR165-707, Ir165-707b

14 **V**, 65 **Amp**, **Thread size** M17-1.50, **OD** 91.00, **Shaft dia.** 17.00, **Total length** 143.00, **Rotation** CR



230887# Rotor

Replacing: I160-81001, I160-21006

Servicing: LR155-15, LR155-15C, LR155-18, LR160-77, LR160-78, Ir160-78b, LR160-82, LR160-82B

14 **V**, 60 **Amp**, **Thread size** M17-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 141.50, **Rotation** CR



230888 Rotor

Replacing: I160g-41001

Servicing: LR160-407S, LR160-412S, LR160-426S, LR160-437S, LR170-407S, LR170-412S

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 215.25, **Rotation** CR, **Splines** 8

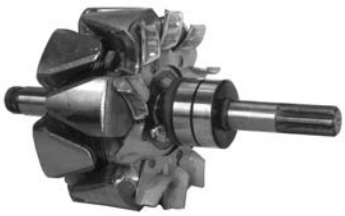


230892# Rotor

Replacing: I170-8100, I170-51001, I170-31001, I170-11001

Servicing: Ir170-714, LR170-715, Ir170-715b, LR170-716, Ir170-716b, Ir170-717, LR170-719, LR170-719B, Ir180-711b, LR180-711E

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 94.50, **Shaft dia.** 17.00, **Total length** 143.50, **Rotation** CR



231986 Rotor

Replacing: I190g-2100

Servicing: LR1100-501, LR1100-501B, LR190-504C, LR190-511, LR190-511B

14 **V**, 100 **Amp**, **Thread size** M16-1.50, **OD** 107.50, **Shaft dia.** 17.00, **Total length** 196.00, **Rotation** CR, **Splines** 8



232233# Rotor

Replacing: I150g-7100

Servicing: LR150-428S, LR150-443S

14 **V**, 50 **Amp**, **Thread size** M16-1.50, **OD** 94.50, **Shaft dia.** 17.00, **Total length** 211.15, **Rotation** CR, **Splines** 8

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233759# Rotor

Replacing: I150g-51001

Servicing: LR150-444B, LR150-448

14 **V**, 50 **Amp**, **Thread size** M16-1.50, **OD** 94.50, **Shaft dia.** 17.00, **Total length** 201.50, **Splines** 8



233768 Rotor

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, Ir1100-502f, LR1100-502G, LR1100-502H, LR1100-502J

14 **V**, 100 **Amp**, **Thread size** M16-1.50, **OD** 107.55, **Shaft dia.** 17.00, **Total length** 202.00, **Rotation** CR, **Splines** 8



235368 Rotor

Replacing: I190g-5100, I190-724, I185g-11001, I185g-1100, I180g-11001, I180-11001

Servicing: Ir170-752, Ir170-752b, LR170-752C, LR170-758, LR170-759, LR180-725, LR180-725C, Ir180-725e, LR180-730, LR180-731B

14 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 97.10, **Shaft dia.** 17.00, **Total length** 143.00, **Rotation** CR
Shaft: HC-CARGO 137779.

28 Volt



132435 Rotor

Replacing: I235-21001

Servicing: LR235-401, LR235-402, LR235-404C, LR235-405, LR235-406, LR240-401, LR240-402

28 **V**, 40 **Amp**, **Thread size** M16-1.50, **OD** 103.00, **Shaft dia.** 17.00, **Total length** 191.00, **Splines** 16
Shaft: HC-CARGO 134438.

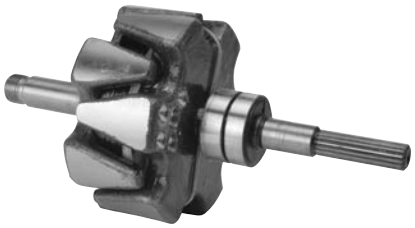


135144 Rotor

Replacing: I225-9100

Servicing: LR225-403, LR225-65B, LR225-65P, LR225-67P

28 **V**, 25 **Amp**, **Thread size** M16-1.50, **OD** 94.50, **Shaft dia.** 17.00, **Total length** 186.00, **Rotation** CR, **Splines** 16
Shaft: HC-CARGO 134074.



137735 Rotor

Replacing: I235-91001

Servicing: LR235-403T

28 **V**, 35 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 215.50, **Splines** 16



137749# Rotor

Replacing: I235-81001

Servicing: LR235-404T, LR235-405T

28 **V**, 35 **Amp**, **Thread size** M16-1.50, **OD** 103.30, **Shaft dia.** 17.00, **Total length** 201.00, **Splines** 16

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333382* Rotor

Replacing: I170g-31002

Servicing: LR170-749B, LR170-749C, LR170-749E, LR170-749F, LR170-756, LR170-756B, LR180-749, LR180-749B, LR180-749C, LR180-749E

14 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 107.50, **Shaft dia.** 17.00, **Total length** 143.20
Bearing: HC-CARGO 140235.

Rotor Parts

Shafts



133665 Rotor Shaft

Servicing: I140-11001, I150-41008, I150-82002, LR140-402, LR140-408, LR155-16B

Thread size M16-1.50, **OD/ shaft** 17.00, **Total length** 199.00, **No./ splines** 16



133666# Rotor Shaft

Servicing: I140-31001, I140-61001, LR150-410, LR155-410

Thread size M14-1.50, **OD/ shaft** 17.00, **Total length** 191.00, **No./ splines** 16



134074 Rotor Shaft

Servicing: I140-31001, I140-61001, I150-61001, I225-9100, LR150-401C, LR150-402C, LR150-430C, LR150-434, LR150-434B, LR150-435

Thread size M16-1.50, **OD/ shaft** 17.00, **Total length** 186.00, **No./ splines** 16

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134438 Rotor Shaft

Servicing: I160g-51001, LR160-412, LR160-412B, LR160-440, LR160-441, LR160-96, LR235-402

Thread size M16-1.50,
OD/ shaft 17.00, **Total length** 191.00,
No./ splines 16



134831# Rotor Shaft

Servicing: I140-81001

Thread size M16-1.50,
OD/ shaft 17.00, **Total length** 201.00,
No./ splines 16



134832# Rotor Shaft

Servicing: I150-11005, LR150-202, LR150-211, LR150-212

Thread size M16-1.50,
OD/ shaft 17.00, **Total length** 183.00,
No./ splines 16



135332 Rotor Shaft

Servicing: I150a-4100, LR150-428E, LR150-428T, LR150-443T

Thread size M16-1.50,
OD/ shaft 17.00, **Total length** 211.00,
No./ splines 16



137779# Rotor Shaft

Servicing: Ir165-707, Ir170-732

Thread size M16-1.50,
OD/ shaft 17.00, **Total length** 143.00,
No./ splines 50



230492# Rotor Shaft

Servicing: I160-21009

Thread size M16-1.50,
OD/ shaft 17.00, **Total length** 201.00,
No./ splines 16



230493# Rotor Shaft

Servicing: I160-31009

Thread size M17-1.50,
OD/ shaft 17.00, **Total length** 215.50,
No./ splines 16



233320# Rotor Shaft

Servicing: I170-71002

Thread size M16-1.50,
OD/ shaft 17.00, **Total length** 181.00,
No./ splines 8

Slip Rings

Pkg. 5



133410 Slip Ring

Servicing: LR135-124, LR140-119, LR140-119C, LR140-128, LR140-130B, LR140-130P, LR140-136, LR140-402, LR140-410, LR140-410B

ID 17.00, **OD** 34.90, **Total length** 28.00

Pkg. 5



135054 Slip Ring

Servicing: LR165-708B, LR165-708C, LR170-715, Ir170-715b, Ir170-716b, Ir170-717, LR170-738, LR170-738B

ID 14.00, **OD** 27.50, **Total length** 29.50

Pkg. 5



137315 Slip Ring

Servicing: LR1100-501, LR1100-501B, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F, LR1100-502G

ID 17.00, **OD** 32.40, **Total length** 29.40



137571 Slip Ring

Servicing: LR1100-703, LR1100-725, LR1100-725B, LR1100-725C, LR1110-705, LR1110-705B, LR1110-709, LR1110-723B, LR1130-702

ID 14.00, **OD** 27.20, **Total length** 32.30

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#Available while stock last, * Program development.

Pkg. 5



138439 Slip Ring

Servicing: LR160-709

ID 14.00, **OD** 24.50, **Total length** 29.70/32.80

Pkg. 5



138440 Slip Ring

Servicing: LR150-151, LR150-151B, LR150-199, LR150-200, LR150-202, LR150-204, LR150-206, LR150-211, LR150-211B, LR150-212

ID 17.00, **OD** 32.50, **Total length** 27.50

Pkg. 5



233235 Slip Ring

Servicing: LR1100-709, LR180-751

ID 13.90, **OD** 26.60, **Total length** 27.50

Nuts

Pkg. 200



191299 Hex Nut

Replacing: I150-5810

Servicing: LR1100-702, LR1110-701, LR1110-701B, LR1110-703B, LR1110-704, LR1125-701, LR140-410, LR140-410B, LR140-410F, LR140-410G

Thread M16-1.50, **Spanner size** 24.00, **DIN norm** 934

Pkg. 100



191657 Hex Nut

Replacing: I150-1810

Servicing: 4G series, LR1100-501, LR1100-501B, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F

Thread M16-1.50, **Spanner size** 24.00, **DIN norm** 439B, **ISO norm** 4035

Nut Sets

Pkg. 5



133612 Shaft Nut Kit

Replacing: I160-28111

Servicing: LR140-701, LR140-703, LR140-704, LR140-705, LR140-713, LR140-714, LR145-701, LR145-701E, LR145-701GA, LR145-702

Thread M15-1.50, **OD** 21.85, **Lock nut** No

Stators

14 Volt



132436 Stator

Replacing: I135-6200, I135-42001, I120-42001

Servicing: LR120-23, LR135-102, LR135-104, LR135-105, LR135-106, LR135-115, LR135-116, LR135-118, LR135-121, LR135-124, LR135-125

14 **V**, 20/50 **Amp**, **ID** 84.00, **OD** 110.00, **OD 2** 111.35, **Height** 18.30, **Terminals** 3



132438 Stator

Replacing: I160-52004, I150g-1200, I150-82002, L150-2204, I150-22004, I140-42002

Servicing: Ir140-130p, LR140-402, LR140-406, LR140-408, LR140-410, LR140-410B, LR140-410BA, LR140-410F, LR140-410G, LR140-411

14 **V**, 50 **Amp**, **ID** 95.00, **OD** 129.30, **OD 2** 124.00, **Height** 18.10, **Terminals** 3



132439 Stator

Replacing: I155-32001, I150-62002, I150-52001

Servicing: LR140-415, LR140-415B, LR150-151, LR150-151B, Ir155-16p, LR155-407B, LR155-407C, LR155-407CA, LR155-407F, LR155-407G

14 **V**, 55 **Amp**, **ID** 95.00, **OD** 127.65, **OD 2** 124.10, **Height** 18.10, **Terminals** 3



132441 Stator

Replacing: I160-72003, I160-62001, I160-52001, I160-32001, I160-22007

Servicing: LR160-105, LR160-107, LR160-107B, LR160-108, LR160-108B, LR160-109, LR160-109C, LR160-130, LR160-131, LR160-134

14 **V**, 60 **Amp**, **ID** 104.00, **OD** 139.10, **OD 2** 135.00, **Height** 22.35, **Terminals** 3



132442 Stator

Replacing: I170-4200, I160g-4200, I160-72002, I160-52002, I150-22005, I150-22001

Servicing: LR140-119, LR140-119C, LR140-130B, LR150-101B, LR150-125, LR150-125B, LR150-132, LR150-132B, Ir150-133, LR150-133B

14 **V**, 60 **Amp**, **ID** 94.80, **OD** 127.70, **OD 2** 124.00, **Height** 22.00, **Terminals** 3

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#Available while stock last, * Program development.

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133761# Stator

Replacing: I160-92001, I160-4200I, I160-42001, I160-22006, I155-22001

Servicing: LR150-111, LR150-64, LR155-15, LR155-15C, LR155-18, LR160-104, LR160-113, LR160-125, LR160-77, LR160-78, LR160-78B

14 **V**, 60 **Amp**, **ID** 103.73, **OD** 138.80, **OD 2** 135.00, **Height** 18.00, **Terminals** 3



133917 Stator

Replacing: I165-7200, I165-4200, I165-2200

Servicing: LR165-704, LR165-704B, LR165-707, Ir165-707b

14 **V**, 65 **Amp**, **ID** 91.30, **OD** 120.30, **OD 2** 117.10, **Height** 22.80, **Terminals** 4



134515 Stator

Replacing: I180-1200, I170-12001

Servicing: LR160-107, LR160-417, LR170-02, LR170-02B, LR170-401, LR170-402, LR170-402B, LR170-402C, LR170-402E, LR170-402F

14 **V**, 70 **Amp**, **ID** 103.90, **OD** 139.25, **OD 2** 135.12, **Height** 23.00, **Terminals** 3



134817 Stator

Replacing: I170-22001

Servicing: I170-22001, LR170-714, LR170-715, LR170-715B, LR170-716, LR170-716B, LR170-717, LR170-719, LR170-719B

14 **V**, 70 **Amp**, **ID** 94.50, **OD** 127.90, **OD 2** 124.00, **Height** 22.89, **Terminals** 3



134969 Stator

Replacing: I170-72001

Servicing: LR170-411, LR170-411A, LR170-411B, LR170-411C, LR170-411D, LR170-411E, LR170-411F, LR170-411P, LR170-415, LR170-415B

14 **V**, 70 **Amp**, **ID** 95.05, **OD** 127.60, **OD 2** 124.20, **Height** 18.20, **Terminals** 3



135269 Stator

Replacing: I190g-2200, I170-82001

Servicing: LR1100-722, LR170-732, LR170-732B, LR170-732C, Ir180-744, LR190-715, LR190-715B, LR190-715C, Ir190-716, LR190-717

14 **V**, 70/90 **Amp**, **ID** 98.20, **OD** 128.65, **OD 2** 126.00, **Height** 23.20, **Terminals** 4



135333 Stator

Servicing: Ir170-419, LR170-419B, LR170-422, Ir170-422b

14 **V**, 70 **Amp**, **ID** 94.50, **OD** 128.00, **OD 2** 124.00, **Height** 18.50, **Terminals** 4



136185 Stator

Replacing: I155-42001

Servicing: LR155-20, LR155-20B, LR155-29, LR155-30B, LR155-30C

14 **V**, 55 **Amp**, **ID** 93.40, **OD** 128.10, **OD 2** 124.10, **Height** 18.50, **Terminals** 3



136262 Stator

Replacing: I170-22002

Servicing: I170-22002, LR170-420, LR170-420B

14 **V**, 70 **Amp**, **ID** 104.00, **OD** 139.13, **OD 2** 135.00, **Height** 22.23, **Terminals** 3



136683 Stator

Replacing: I170-42002

Servicing: LR165-708C, LR165-709, LR170-738, LR170-738B, LR170-738C, LR170-741, LR170-742, LR170-757B

14 **V**, 70 **Amp**, **ID** 92.56, **OD** 120.78, **OD 2** 117.50, **Height** 23.00, **Terminals** 4



137421 Stator

Replacing: I180-9200

Servicing: LR180-725, LR180-725C, LR180-730, LR180-731B, LR180-731C, LR180-733, LR180-734B, LR180-735, LR180-736B, LR180-737B

14 **V**, 80 **Amp**, **ID** 97.16, **OD** 128.64, **OD 2** 126.00, **Height** 22.93, **Terminals** 3



138147 Stator

Replacing: I190-2200

Servicing: LR190-704, LR190-704B, LR190-706, LR190-707, LR190-707B, Ir190-709, LR190-709B, LR190-711

14 **V**, 90 **Amp**, **ID** 104.00, **OD** 140.00, **OD 2** 135.00, **Height** 22.65, **Terminals** 4

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Available while stock last, * Program development.



138153 Stator

Replacing: I135n-2200

Servicing: I135n-2200, LT115-52, LT120-05, LT120-21, LT125-06, LT130-72, LT130-81, LT135-13, LT135-13B, LT135-19, LT135-20

14 **V**, 35 **Amp**, **ID** 83.65, **OD** 114.00, **OD 2** 110.00, **Height** 19.30, **Terminals** 4



138188 Stator

Replacing: I170g-9200, I170g-6200

Servicing: LR170-505, LR170-505B, Ir170-506, LR170-506B, LR170-510B, LR170-511, LR170-511B, LR170-740B, LR170-745, LR170-745B

14 **V**, 70 **Amp**, **ID** 98.66, **OD** 128.58, **OD 2** 125.66, **Height** 22.70, **Terminals** 3



138481 Stator

Replacing: I165-8200, I160g-1200, 2165-8200

Servicing: LR160-723, LR160-723B, LR160-724, LR165-708, LR165-708B, LR165-708C

14 **V**, 65 **Amp**, **ID** 93.00, **OD** 121.00, **OD 2** 117.00, **Height** 22.50, **Terminals** 3



138716 Stator

Replacing: I1110g-2200

Servicing: LR1110-705, LR1110-705B, LR1110-706B, LR1110-706C, LR1110-706E, LR1110-706F, LR1110-707C, Ir1110-707f, Ir1110-707g

14 **V**, 110 **Amp**, **ID** 108.00, **OD** 139.00, **OD 2** 136.50, **Height** 22.70, **Terminals** 4



138726 Stator

Replacing: I170g-42001, I170g-4200, I170g-12001

Servicing: LR165-709B, LR165-712, LR170-738E, LR170-743, LR170-746, LR170-746B, LR170-746C, LR170-746E, LR170-746F, LR170-746G

14 **V**, 70 **Amp**, **ID** 92.60, **OD** 121.30, **OD 2** 117.40, **Height** 22.11, **Terminals** 4



138738 Stator

Replacing: I190g-3200, I170g-1200

Servicing: LR170-501C, LR170-502B, LR170-502C, LR170-503, LR170-504, LR170-504B, LR180-504, LR180-506B, LR180-507, LR180-507B

14 **V**, 70/90 **Amp**, **ID** 107.40, **OD** 139.65, **OD 2** 136.45, **Height** 22.20, **Terminals** 3



139978 Stator

Replacing: I170-92001

Servicing: LR170-734, LR170-734B, LR170-739, LR170-739B, LR170-740

14 **V**, 70 **Amp**, **ID** 98.60, **OD** 128.75, **OD 2** 126.00, **Height** 22.56, **Terminals** 3



230130 Stator

Replacing: I1100g-1200

Servicing: LR1100-501, LR1100-501B, LR1100-702, LR195-701

14 **V**, 100 **Amp**, **ID** 107.50, **OD** 139.90, **OD 2** 136.45, **Height** 22.70, **Terminals** 4



230467 Stator

Replacing: I180g-1200

Servicing: Ir180-501, LR180-501B, LR180-501C, Ir180-502, LR180-503C

14 **V**, 80 **Amp**, **ID** 104.10, **OD** 139.50, **OD 2** 135.00, **Height** 22.33, **Terminals** 3



230481 Stator

Replacing: I165g-2200

Servicing: LR160-727, LR160-727B, LR160-728, LR160-728B, LR160-728C, LR160-728E, LR160-728F, LR165-708E, LR165-711, LR165-711B

14 **V**, 65 **Amp**, **ID** 92.70, **OD** 121.15, **OD 2** 117.44, **Height** 22.59, **Terminals** 3



230864 Stator

Replacing: I190g-5200

Servicing: LR1100-709, LR1100-714, LR1100-715, LR1100-720B, LR1100-720C, LR185-701, LR185-701B, LR185-701C, LR185-701E, LR185-701H

14 **V**, 90 **Amp**, **ID** 98.22, **OD** 128.43, **OD 2** 125.94, **Height** 23.17, **Terminals** 4



231356 Stator

Replacing: I180-7200

Servicing: LR180-711B, LR180-711E, LR180-712, LR180-712B, LR180-714, LR180-714B, Ir180-715, LR180-716, LR180-718, LR180-718B

14 **V**, 80 **Amp**, **ID** 94.70, **OD** 128.20, **OD 2** 124.10, **Height** 22.40, **Terminals** 4

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231617 Stator

Replacing: I145-42001

Servicing: LR145-701GA, LR145-701GB, LR145-702, LR145-702B, LR145-703, Ir145-704, LR145-707, LR145-710

14 **V**, 45 **Amp**, **ID** 81.00, **OD** 107.00, **OD 2** 104.00, **Height** 22.00, **Terminals** 3



231618 Stator

Replacing: I180g-3200

Servicing: LR180-725E, LR180-733B, LR180-734C, LR180-735B, LR180-737C, LR180-738B, LR180-741, LR180-741B, LR180-741C, LR180-741H

14 **V**, 80 **Amp**, **ID** 88.50, **OD** 128.75, **OD 2** 126.00, **Height** 22.00, **Terminals** 3



233607 Stator

Replacing: I1100g-5200, I1100g-3200

Servicing: LR1100-703, LR1100-703B, LR1100-704, LR1100-704B, LR1100-704E, LR1100-705, LR1100-705B, LR1100-705C, LR1100-705E

14 **V**, 90 **Amp**, **ID** 107.86, **OD** 139.36, **OD 2** 136.50, **Height** 22.43, **Terminals** 3



234729 Stator

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, Ir1100-502f, Ir1100-502g, LR1100-502H, Ir1100-502j

14 **V**, 100 **Amp**, **ID** 107.74, **OD** 139.70, **OD 2** 136.47, **Height** 22.63, **Terminals** 4

28 Volt



132443 Stator

Replacing: I225-82001

Servicing: LR225-403, LR225-407, LR225-408B, LR225-408C, LR225-408E, LR225-409B, LR225-409E, LR225-410, LR225-412C, LR225-412S

28 **V**, 25 **Amp**, **ID** 94.89, **OD** 127.80, **OD 2** 124.00, **Height** 22.17, **Terminals** 3



132444 Stator

Replacing: I235-22001, I235-12001

Servicing: 23099-Z5562, LR235-401, LR235-402, LR235-403E, LR235-403S, LR235-403T, LR235-404C, LR235-404S, LR235-404T, LR235-405

28 **V**, 35 **Amp**, **ID** 104.00, **OD** 138.90, **OD 2** 135.60, **Height** 22.10, **Terminals** 3



231616 Stator

Replacing: I225g-1200

Servicing: LR225-88

28 **V**, 25 **Amp**, **ID** 95.00, **OD** 128.00, **OD 2** 124.00, **Height** 18.00, **Terminals** 4

Brackets

D.E. Brackets



136138 D.E. Bracket

Replacing: I150g-8400, I150-34001

Servicing: LR140-119, LR140-119C, LR140-130B, LR140-130P, LR140-402, LR140-406, LR140-408, LR140-410, LR140-410B, LR140-410BA

Bearing: HC-CARGO 142270.



136450# D.E. Bracket

Replacing: I150-94004, I150-64001

Servicing: LR150-101B, LR150-125, LR150-125B, LR150-151, LR150-151B, Ir150-194b, LR150-98, LR150-98B, Ir150-98e, LR150-99

Bearing: HC-CARGO 142269.



136451# D.E. Bracket

Replacing: I160-24001

Servicing: LR160-82, LR160-82B, LR160-84, LR160-84B, LR170-02B

Bearing: HC-CARGO 142270.



136578 D.E. Bracket

Replacing: I170-6400, I160-34001

Servicing: Ir160-104, LR160-113, LR160-125, LR160-703B, LR160-93, LR170-21

Bearing: HC-CARGO 142270.



137122 D.E. Bracket

Replacing: I160-44003, I160-14009

Servicing: LR160-105, LR160-107, LR160-107B, LR160-108, LR160-108B, LR160-109, Ir160-109c, LR160-116, LR160-130, Ir160-131

Bearing: HC-CARGO 142270.

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137126[#] D.E. Bracket

Replacing: I150-64004

Servicing: LR150-431, LR150-432, LR150-438, LR150-438B, LR150-439, LR150-439B, LR155-415, LR155-416, LR155-418B, LR155-419B

Bearing: HC-CARGO 142270.



137298[#] D.E. Bracket

Replacing: I190-3400, I190-2400, I180-2400

Servicing: LR170-713, LR170-721, LR170-721B, LR190-702B, LR190-702C, LR190-704, LR190-704B, LR190-709, Ir190-709b, LR190-711

Bearing: HC-CARGO 142270.



137428[#] D.E. Bracket

Replacing: I150-64002, I150-44001

Servicing: LR150-135, Ir150-135e, LR150-136B, LR150-136C, LR150-136E, LR150-147B, Ir150-147c, Ir150-162, Ir150-192, Ir150-193

Bearing: HC-CARGO 142270.



137782 D.E. Bracket

Replacing: I165-5400

Servicing: LR160-727, LR160-727B, LR165-708, LR165-708B, LR165-708C, LR165-708E, LR170-738, LR170-738B, LR170-738C, LR170-738E

Bearing: HC-CARGO 142270.



137943[#] D.E. Bracket

Replacing: I170g-3400

Servicing: LR170-739, LR170-739B

Bearing: HC-CARGO 142270.



138479[#] D.E. Bracket

Replacing: I170-64001

Servicing: LR170-732, LR170-732B, LR170-732C

Bearing: HC-CARGO 142270.



138721 D.E. Bracket

Replacing: I1125g-2400

Servicing: LR1100-703, LR1100-703B, Ir1100-705b, LR1100-711B, LR1100-725, LR1100-725B, LR1100-725C, LR1110-705, LR1110-705B

Bearing: HC-CARGO 142270.



138734 D.E. Bracket

Replacing: I170g-14001

Servicing: LR160-745, LR165-711, LR165-711B, LR165-719, LR170-743, LR170-746, LR170-746B, LR170-746C, LR170-746E, LR170-746F

Bearing: HC-CARGO 142270.



138764[#] D.E. Bracket

Replacing: I180g-4400

Servicing: LR190-719, LR190-719B

Bearing: HC-CARGO 142270.



139791 D.E. Bracket

Replacing: I160g-7400, I150g-3400, I150-84003

Servicing: LR140-427, Ir140-433, Ir140-433b, LR150-421, LR150-421C, LR150-434, LR150-434B, LR150-441, Ir150-441c, LR150-441E

Bearing: HC-CARGO 142270.



139794 D.E. Bracket

Replacing: I170g-74001

Servicing: LR170-505, LR170-505B, LR170-506, LR170-506B, LR170-510B, LR170-511, LR170-511B, LR180-514

Bearing: HC-CARGO 142270.



139795 D.E. Bracket

Replacing: I135-9400, I135-24001, I120-2401, I120-14003

Servicing: LR120-15B, LR120-15C, LR120-16B, LR120-23, LR125-34, LR135-102, LR135-104, LR135-105, LR135-106, LR135-115, LR135-116

Bearing: HC-CARGO 142272.

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230663[#] D.E. Bracket

Replacing: I225-6400, I150-74003

Servicing: LR170-419, LR170-419B, LR170-422, LR225-408B, LR225-408C, LR225-408E, Ir225-409b, LR225-409E, LR225-415, LR225-415B

Bearing: HC-CARGO 142270.



231440 D.E. Bracket

Replacing: I160g-14001

Servicing: LR160-728, LR160-728B, LR160-728C, LR160-728E, LR160-728F, LR160-732, LR160-732B, LR160-732C, Ir160-747, Ir160-747b

Bearing: HC-CARGO 142270.



231443 D.E. Bracket

Replacing: I170g-4400

Servicing: LR170-417B, LR170-417C, LR170-417E, LR170-417F, Ir170-502p, Ir170-502q

Bearing: HC-CARGO 142270.



231521[#] D.E. Bracket

Replacing: I165-4400

Servicing: LR165-707, LR165-707B

Bearing: HC-CARGO 142270.



231620 D.E. Bracket

Replacing: I145-6400, I140-24002

Servicing: LR140-703, LR140-704, LR140-705, LR145-701GA, LR145-701GB, LR145-702, LR145-702B, LR145-703, LR145-705, LR145-706

Bearing: HC-CARGO 142272.



232423[#] D.E. Bracket

Servicing: LR170-411, Ir170-411b, LR170-411C, LR170-411D, LR170-411E, LR170-411F, LR170-411P

Bearing: HC-CARGO 142270.



233323 D.E. Bracket

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, Ir1100-502f, Ir1100-502g, LR1100-502H, Ir1100-502j

Bearing: HC-CARGO 142270.



233605[#] D.E. Bracket

Replacing: I190g-44001

Servicing: LR1100-710, LR1100-710B, LR1100-710C, LR180-749, LR180-749B, LR180-749C, LR180-749E, LR190-734, LR190-734B, LR190-734C

Bearing: HC-CARGO 142270.



234436 D.E. Bracket

Replacing: I180g-8400

Servicing: LR180-735, Ir180-735b

Bearing: HC-CARGO 142270.



234747 D.E. Bracket

Replacing: I180g-84001

Servicing: LR180-757, Ir180-762, LR180-762B, Ir180-768, LR190-745, LR190-752, LR190-752B, LR190-753

Bearing: HC-CARGO 142270.

S.R.E. Brackets



137124[#] S.R.E. Bracket

Replacing: I150-93019, I150-63016

Servicing: LR140-130P, LR140-402, LR140-408, LR150-139P, LR150-403, LR150-423, Ir150-423b, LR155-16P, LR155-408, LR225-403

ID/ bearing hole 35.00



137125 S.R.E. Bracket

Replacing: I150a-33011, I150-33018a, I150-33018

Servicing: LR140-427, LR150-421, LR150-421C, LR150-431, LR150-432, LR150-434, LR150-434B, LR150-438, LR150-438B, LR150-439

ID/ bearing hole 35.00

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137297 S.R.E. Bracket

Replacing: I190-4301, I180-4301, I180-3301

Servicing: LR170-713, LR170-721, LR170-721B, LR190-704, LR190-704B, LR190-709, Ir190-709b, Ir190-711

ID/ bearing hole 35.00



137420 S.R.E. Bracket

Replacing: I180g-8301, I180-43011

Servicing: LR180-725, LR180-725C, LR180-725E, LR180-737B, LR180-737C

ID/ bearing hole 27.00



137586# S.R.E. Bracket

Replacing: I150-13014

Servicing: LR150-111, LR150-64, LR155-15, LR155-15C, LR155-18

ID/ bearing hole 32.00



137709# S.R.E. Bracket

Replacing: I150-53015, I150-23011

Servicing: LR150-136B, LR150-136C, LR150-136E, LR150-201, LR150-201B, LR150-205, LR150-205B, LT150-115C, LT150-154, LT150-195

ID/ bearing hole 35.00



137840 S.R.E. Bracket

Replacing: I160a-43011, I160a-23012

Servicing: LR160-426, LR160-426E, LR160-426T, LR160-427, LR160-427C, LR160-427T, LR160-436, LR160-436T, LR160-437T, LR170-407

ID/ bearing hole 35.00



139275 S.R.E. Bracket

Replacing: I160g-8301, I150-73005a

Servicing: LR150-446, LR150-446B, LR150-46C, LR160-418B, LR160-419, LR160-443, LR160-444, LR160-444B, LR160-446, LR160-446B

ID/ bearing hole 35.00



139793 S.R.E. Bracket

Replacing: I160g-3301

Servicing: LR160-426S, LR160-427S, LR160-436S, LR160-437S, LR170-407S, LR170-408S, LR170-412S

ID/ bearing hole 35.00



230064 S.R.E. Bracket

Replacing: I150a-6301, I150a-23011

Servicing: LR140-419T, LR140-421, LR140-421T, LR140-422E, LR140-422T, LR150-428E, LR150-428T, LR150-430C, LR150-430T, LR150-435

ID/ bearing hole 35.00



230131# S.R.E. Bracket

Replacing: I170-83012, I170-23015

Servicing: Ir170-732, LR170-732B, LR170-732C

ID/ bearing hole 27.00



230211 S.R.E. Bracket

Replacing: I170g-33005

Servicing: LR170-505, LR170-505B, LR170-511, LR170-511B

ID/ bearing hole 32.00



230483# S.R.E. Bracket

Replacing: I160a-93017, I160-93017

Servicing: LR160-120, Ir160-121, LR160-124, LR225-85

ID/ bearing hole 32.00



230484 S.R.E. Bracket

Replacing: I160g-4301

Servicing: LR160-412B, LR160-412F, LR160-412G, LR160-440, LR160-440F, LR160-440G, Ir160-441, LR160-441F, LR160-441G, LR160-449

ID/ bearing hole 35.00

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230876 S.R.E. Bracket

Replacing: I180-53011, I170g-93004, I170g-3301, I170g-33001

Servicing: LR170-420, LR170-420B, LR170-427, LR170-427B, LR170-427BA, LR170-427C

ID/ bearing hole 31.00



230889# S.R.E. Bracket

Replacing: I190g-3301, I180g-33011

Servicing: Ir180-504, Ir180-506b, LR180-507, LR180-507B, LR180-508, LR180-508B, LR180-511, LR180-511B, Ir180-516

ID/ bearing hole 35.00



233129 S.R.E. Bracket

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, Ir1100-502f, Ir1100-502g, LR1100-502H, Ir1100-502j

ID/ bearing hole 30.00



234749# S.R.E. Bracket

Replacing: I180g-2301

Servicing: LR180-730, LR180-735, LR180-735B

ID/ bearing hole 10.50



235113# S.R.E. Bracket

Replacing: I160g-93002, I160g-13004

Servicing: LR160-728, LR160-728B, LR160-728C, LR160-728E, LR160-728F, Ir160-747

ID/ bearing hole 27.00



235334 S.R.E. Bracket

Servicing: Ir180-762, LR180-762B, Ir180-768, LR190-752, LR190-752B, Ir190-752h

ID/ bearing hole 27.00

Bracket Parts

Mounting Bushings

Pkg. 10



134276 Mounting Bushing

Servicing: LR165-709, LR170-764

ID 10.50, **OD** 17.00/22.00, **OD/ collar** 22.00, **Length** 15.00, **Height/ collar** 3.20

Pkg. 10



134277 Mounting Bushing

Servicing: LR190-747

ID 10.00, **OD** 16.50, **Length** 15.30

Pkg. 10



134278 Mounting Bushing

Servicing: LR150-151, LR150-151B

ID 8.60, **OD** 15.30, **Length** 15.30

Pkg. 10



135281# Mounting Bushing

ID 8.30, **OD** 17.00/22.00, **Length** 15.00, **Height/ collar** 3.20

Pkg. 10



139621 Mounting Bushing

Servicing: S114-473

ID M12, **OD** 16.15, **OD/ collar** 23.00, **Length** 20.90, **Height/ collar** 2.50

Pkg. 5



232669 Mounting Bushing

Servicing: 3G series, LR150-441C, LR150-441E, LR150-449B, LR150-449C, LR150-453, LR160-451D, LR160-452D, LR170-411, LR170-411B

ID 10.50, **OD** 15.50/22.50, **Length** 18.20, **Height/ collar** 2.50

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Pkg. 10



234825 Mounting Bushing

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, Ir1100-502f, Ir1100-502g, LR1100-502H, Ir1100-502j

ID 10.50, **OD** 15.50, **OD/ collar** 22.50, **Length** 18.30, **Height/ collar** 2.35

Bearing Retainer Plates

Pkg. 5



232734 Bearing Retainer Plate

Replacing: I150-14042

Servicing: 10DN, 10SI, 12SI, 15SI, 17SI, LR135-105, LR135-115, LR135-116, LR135-118, LR135-124, LR135-126, LR135-127, LR135-128

ID 32.60, **OD** 56.80, **Thickness** 1.35, **No./ mount. holes** 3, **Gasket** w/o

Pkg. 10



234836 Bearing Retainer Plate

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, Ir1100-502f, Ir1100-502g, LR1100-502H, Ir1100-502j

ID 25.85, **OD** 55.90, **Thickness** 5.90, **No./ mount. holes** 3

Covers



135124 S.R.E. Cover

Replacing: I125-6338

Servicing: LT130-72, LT130-81, LT130-89, LT135-13, LT135-13B, LT135-19, LT135-20, LT135-22, LT135-24, LT135-24B, LT135-30

Pkg. 10



233329 Cover

Replacing: GD318446-1

Servicing: LR1100-703, LR1100-703B, LR1100-707E, LR1100-724, LR1100-724B, LR1100-725, LR1100-725B, LR1100-725C, LR1110-705

Regulators



132432 Regulator

Replacing: I150-73154

Servicing: LR140-406, LR140-410, LR140-410B, LR140-410BA, LR140-410F, LR140-410G, LR140-411, LR140-411B, LR140-411BA, LR140-411F

14.5 **V setting**, **Regulator type** Electronic, **Terminal type** IG-L

Repair circuit: HC-CARGO 131287. Brush box: HC-CARGO 132426.

14 Volt



130620 Regulator

Replacing: tl1z-71, TL1Z-61D, tl1z-61, tl1z-57d, tl1z-57a, tl1z-57, tl1z-41, tl1z-37, tl1z-31, tl1z-30

14.3 **V setting**, **Dist. mount. holes** 115.35, **Regulator type** Electronic

Mechanic: HC-CARGO 133387.



130832 Regulator

Replacing: I160-43151, I150-63151, I150-43151

Servicing: Ir150-100, LR150-101B, LR150-125, LR150-125B, LR150-132, LR150-132B, Ir150-197, LR150-197B, LR150-98, LR150-98B

14.7 **V setting**, **Regulator type** Electronic, **Terminal type** S-L

Repair circuit: HC-CARGO 130834.



131535 Regulator

Replacing: tl1z-87

14.3 **V setting**, **Dist. mount. holes** 114.00, **Regulator type** Mechanical

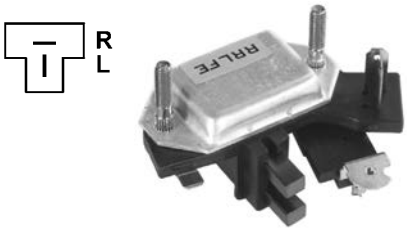


131536 Regulator

Replacing: tl1z-48, tl1z-46, tl1z-08

14.3 **V setting**, **Dist. mount. holes** 110.00, **Regulator type** Electronic

Mechanic: HC-CARGO 133455.



132429 Regulator

Replacing: I135-43153, I135-33152, I135-33151, I135-13152, I135-13150

Servicing: LR120-15B, LR120-15C, Ir120-23, LR125-34, Ir135-104, LR135-105, LR135-106, LR135-115, LR135-116, LR135-118, LR135-121

14.5 **V setting**, **Dist. mount. holes** 50.35, **Regulator type** Electronic, **Terminal type** R-L, **Capacitor** w/

Repair circuit: HC-CARGO 132434.



132431# Regulator

Replacing: I150-83153, I150-23155

Servicing: LR140-130P, LR140-402, LR140-408, Ir150-133, LR150-133B, LR150-133C, LR150-133E, LR150-401, LR150-401C, LR150-402

14.5 **V setting**, **Dist. mount. holes** 47.85, **Regulator type** Electronic, **Terminal type** S-L

Repair circuit: HC-CARGO 131287.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



132991 Regulator

Replacing: I170-53151, I170-13151, I160-43154

Servicing: LR160-715, LR170-714, LR170-715, Ir170-715b, LR170-716, Ir170-716b, LR170-717, LR170-719, LR170-719B, LR180-711B

14.5 **V setting**, **Dist. mount. holes** 51.30, **Regulator type** Electronic, **Terminal type** L-S

Repair circuit: HC-CARGO 133250. Only for O.E type.



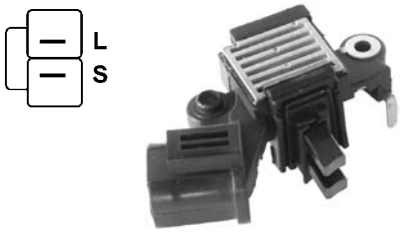
132992# Regulator

Replacing: I170-1315

Servicing: LR160-702B, LR160-703B, LR170-701, LR170-701B, LR170-701E, LR170-702, LR170-702B

14.5 **V setting**, **Dist. mount. holes** 48.50, **Regulator type** Electronic, **Terminal type** S-L

Repair circuit: HC-CARGO 133247.



132993 Regulator

Replacing: I190-3315, I180-7315

Servicing: LR170-704, Ir170-713, Ir170-721, LR170-721B, LR180-704, LR180-704B, LR190-704, LR190-704B, LR190-709, LR190-709B

14.5 **V setting**, **Dist. mount. holes** 51.40, **Regulator type** Electronic, **Terminal type** S-L

Repair circuit: HC-CARGO 133248. Only for O.E type.



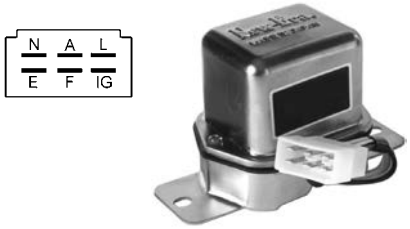
133185# Regulator

Replacing: I170-3315

Servicing: LR160-707, LR160-708, LR160-709, LR160-710

14.5 **V setting**, **Dist. mount. holes** 48.75, **Regulator type** Electronic, **Terminal type** S-L

Repair circuit: HC-CARGO 133248.

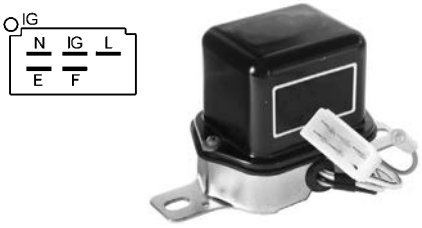


133387 Regulator

Servicing: LT120-07, LT120-11, LT125-06, LT130-75, LT135-69, LT140-106C, LT150-10, LT150-142, LT150-22, LT150-23, LT150-26B

14.3 **V setting**, **Dist. mount. holes** 112.40, **Regulator type** Mechanical

Electronic: HC-CARGO 130620.

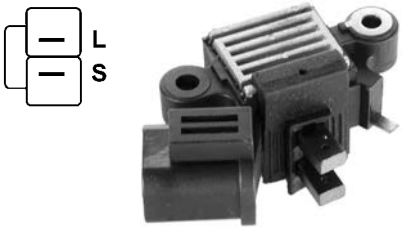


133455 Regulator

Replacing: tI1z-66

14.3 **V setting**, **Dist. mount. holes** 116.00, **Regulator type** Mechanical

Electronic: HC-CARGO 131536.



133529 Regulator

Replacing: I170-43151

Servicing: LR165-707, LR165-707B

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** S-L

Repair circuit: HC-CARGO 133248. Only for O.E type.



133543 Regulator

Replacing: I160-23153

Servicing: LR140-415, LR150-428T, LR150-443T, LR160-414, LR160-417, LR160-421B, LR160-421C, LR160-421E, LR160-421F, LR160-422B

14.5 **V setting**, **Dist. mount. holes** 48.30, **Regulator type** Electronic, **Terminal type** S-L

Repair circuit: HC-CARGO 131287.



133544 Regulator

Replacing: I160g-1315, I150-33155

Servicing: LR140-427, LR140-433, LR140-433B, LR150-421, LR150-421C, LR150-431, LR150-432, LR150-434, LR150-434B, LR150-438

14.5 **V setting**, **Dist. mount. holes** 49.20, **Regulator type** Electronic, **Terminal type** S-IG-L

Repair circuit: HC-CARGO 131287.



133763# Regulator

Replacing: I135-93152, I135-63153

Servicing: LR140-701, LR145-701, LR145-701B, LR145-701C, LR145-701E, LR145-701F

14.5 **V setting**, **Dist. mount. holes** 49.25, **Regulator type** Electronic



135021 Regulator

Replacing: I180g-7340, I180g-6340, I180g-2340, I165g-2315

Servicing: LR165-708, LR165-708C, LR165-708E, LR165-709, LR165-709B, Ir170-738c, LR170-738E, LR180-731B, LR180-731C, LR180-735

14.5 **V setting**, **Dist. mount. holes** 53.90, **Regulator type** Electronic, **Terminal type** L-S

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



135022 Regulator

Replacing: I180g-9340, I180g-5340

Servicing: LR160-724, LR170-739B, LR170-740, LR170-740B, LR170-741, LR180-725C, Ir180-725e, LR180-733, LR180-733B, LR180-734B

14.5 **V setting**, **Dist. mount. holes** 49.45, **Regulator type** Electronic, **Terminal type** S-L



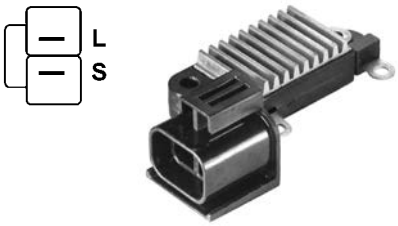
135024 Regulator

Replacing: I170-23152

Servicing: LR170-732, LR170-732B, LR170-732C

14.5 **V setting**, **Dist. mount. holes** 52.75, **Regulator type** Electronic, **Terminal type** S-IG-D-L

Repair circuit: HC-CARGO 135025.



135027 Regulator

Replacing: I170-33152

Servicing: LR165-708, LR165-708B, LR170-738, LR170-738B, LR180-730

14.5 **V setting**, **Dist. mount. holes** 52.60, **Regulator type** Electronic, **Terminal type** S-L



135158 Regulator

Replacing: I180-8315

Servicing: LR160-723, LR160-723B, LR170-734, LR170-734B, LR170-739, LR180-725

14.5 **V setting**, **Dist. mount. holes** 51.60, **Regulator type** Electronic, **Terminal type** L-S



137014 Regulator

Replacing: tr1z-210b, tr1z-210a

Servicing: Ir155-502b, LR155-502C, LR155-502E, LR155-503, LR155-503E, Ir155-504

14.5 **V setting**, **Dist. mount. holes** 53.65, **Regulator type** Electronic, **Terminal type** S-L



137189 Regulator

Replacing: I160-63153, I150-93155

Servicing: LR140-415, LR140-415B, LR140-419T, LR140-421, LR140-421T, LR140-422E, LR140-422T, LR150-425B, LR150-428E, LR150-428S

14.5 **V setting**, **Dist. mount. holes** 50.25, **D+ type** Screw, **Regulator type** Electronic, **Terminal type** S-L



137584 Regulator

Replacing: I180g-2315

Servicing: Ir180-501, LR180-501B, LR180-501C, Ir180-502, LR180-503C

14.5 **V setting**, **Dist. mount. holes** 50.40, **Regulator type** Electronic, **Terminal type** IG-L-S

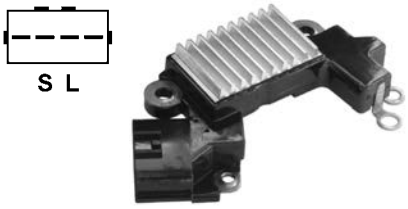


137841 Regulator

Replacing: I170g-1315

Servicing: LR170-419, LR170-419B, LR170-420, LR170-420B, LR170-422, LR170-427, LR170-427B, LR170-427BA, LR170-427C

14.5 **V setting**, **Dist. mount. holes** 49.00, **Regulator type** Electronic, **Terminal type** S-L-N-IG



138717 Regulator

Replacing: I1125g-1340, I1110g-93401, I1110g-9340, L1110G-33402, I1110g-3340, I1100g-9340, I1100g-33402

Servicing: LR1100-703, LR1100-703B, LR1100-705, LR1100-707G, LR1110-701B, LR1110-705, LR1110-705B, LR1110-707F, LR1110-707G

14.5 **V setting**, **Dist. mount. holes** 52.15, **Regulator type** Electronic, **Terminal type** S-L



138727 Regulator

Replacing: I180g-23401, I170g-6315, I170g-5315

Servicing: LR1125-704, LR1125-704B, LR160-727, LR160-727B, LR165-711, Ir165-711b, LR170-743, LR170-745, Ir170-745b, LR170-746

14.5 **V setting**, **Dist. mount. holes** 52.60, **Regulator type** Electronic, **Terminal type** L-S



138740 Regulator

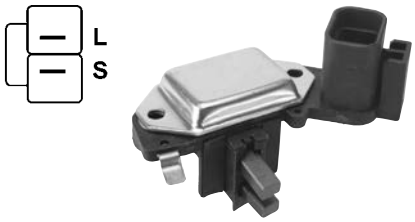
Replacing: tr1z-108b, tr1z-108

Servicing: LR170-501C, LR170-502B, Ir170-502c, LR170-503, Ir170-504, Ir170-504b, Ir190-504c, LR190-505C, Ir190-505e, LR190-505F

14.5 **V setting**, **Dist. mount. holes** 52.25, **Regulator type** Electronic, **Terminal type** L-S

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



138986 Regulator

Replacing: I150-23156

Servicing: Ir160-140, LR160-140B, LR160-154, LR160-168

14.7 **V setting**, **Dist. mount. holes** 49.65, **D+ type** Screw, **Regulator type** Electronic, **Terminal type** L-S



139980 Regulator

Replacing: I170g-7315

Servicing: Ir170-505, LR170-505B

14.5 **V setting**, **Dist. mount. holes** 52.00, **Regulator type** Electronic, **Terminal type** L-W

Regulator/rectifier: HC-CARGO 138190.

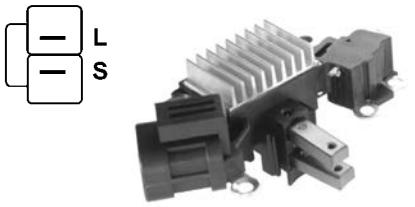


230433 Regulator

Replacing: tr1z-123

Servicing: Ir1100-501, LR1100-501B

14 **V setting**, **Dist. mount. holes** 52.20, **Regulator type** Electronic, **Terminal type** L-W



231533 Regulator

Replacing: I190g-8340, I180g-63401

Servicing: LR1100-705E, Ir1100-710b, LR1100-710C, LR1110-713, LR1110-713B, LR1110-713C, LR1110-713V, LR1110-717, LR1110-717B

Dist. mount. holes 51.75, **Regulator type** Electronic, **Terminal type** L-S



231534 Regulator

Replacing: I1110g-53402, I1110g-43402, I110g-8340, I1100g-8340

Servicing: Ir1100-711, LR1100-711B, LR1100-725, LR1100-725B, LR1100-725C, LR1110-709B, LR1110-710B, LR1110-710C, LR1110-710E

Dist. mount. holes 52.00, **Regulator type** Electronic



231622# Regulator

Replacing: I135-93153

Servicing: LR140-703, LR140-704, LR140-705, LR140-713, LR145-701GA, LR145-701GB, LR145-702, LR145-702B, LR145-703, LR145-705

14.5 **V setting**, **Dist. mount. holes** 49.00, **Regulator type** Electronic, **Terminal type** S-L

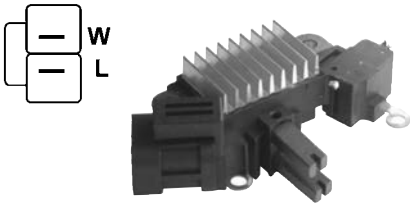


232074# Regulator

Replacing: tr1z-125

Servicing: Honda

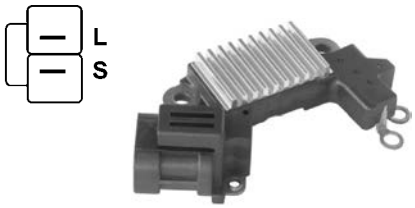
14.8 **V setting**, **Dist. mount. holes** 62.50, **Regulator type** Electronic, **Terminal type** C-FR-IG-L



232443 Regulator

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, LR1100-502F, LR1100-502G, LR1100-502H, LR1100-502J

14.5 **V setting**, **Dist. mount. holes** 52.00, **Regulator type** Electronic, **Terminal type** L-W



234273 Regulator

Replacing: I190g-3340, I180g-53401, I180g-33401, I180g-3340, I180g-2341, I160g-2315, I1100g-6340

Servicing: LR1100-705B, LR1100-705C, LR160-728, Ir160-728b, Ir160-728c, LR160-732, Ir160-732b, Ir160-732c, LR170-749B, Ir170-749c

Dist. mount. holes 52.85, **Regulator type** Electronic, **Terminal type** L-S



234274 Regulator

Replacing: tr1z-257

Servicing: LR190-501C, LR190-501E, LR190-513, LR190-513B

Dist. mount. holes 51.20, **Regulator type** Electronic, **Terminal type** L-S



234276 Regulator

Servicing: Honda Golden Wing, LR140-708C, LR170-708, LR170-708C

14.4 **V setting**, **Dist. mount. holes** 50.15, **Regulator type** Electronic, **Terminal type** IG-L



234289 Regulator

Servicing: LR160-729C, LR160-730C, LR160-731, LR170-755

14.6 **V setting**, **Dist. mount. holes** 53.20, **Regulator type** Electronic, **Terminal type** S-L-C-IG

O.E.M. names and numbers are used for reference purposes only.

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#Available while stock last, * Program development.



234311 Regulator

Replacing: I185g-2340

Servicing: LR185-701, LR185-701H, LR185-702

14.5 **V setting**, **Dist. mount. holes** 53.85, **Regulator type** Electronic, **Terminal type** L-S

Used w/ brush box: HC-CARGO 138719.

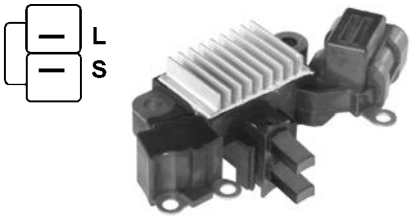


234314 Regulator

Replacing: I190g-5340, I190g-33401, I1100g-7340

Servicing: LR1100-704B, LR1100-704E, LR1100-716, LR1100-716C, LR1100-716E, LR1125-706, LR1125-706B, LR180-751, LR180-757

14.5 **V setting**, **Dist. mount. holes** 51.45, **Regulator type** Electronic, **Terminal type** L-S



234612 Regulator

Replacing: I190g-7340

Servicing: LR1100-708, LR1100-708B, LR1100-724, LR1100-724B, LR1125-704C, LR160-733, LR165-714, LR170-746G, LR170-746K, LR170-746M

14.5 **V setting**, **Dist. mount. holes** 53.40, **Regulator type** Electronic, **Terminal type** L-S



235000 Regulator

Replacing: I190g-2315

Servicing: LR170-501C, LR170-502B, LR170-502C, LR170-503, LR170-504, LR170-504B, LR190-504C, LR190-505E, LR190-505F, LR190-511

14.5 **V setting**, **Dist. mount. holes** 53.30, **Regulator type** Electronic, **Terminal type** S-L



235144 Regulator

Replacing: I185g-4340

Servicing: LR180-749, LR180-749B, LR185-701B, LR185-701C, Ir185-702, LR190-734B

14.5 **V setting**, **Dist. mount. holes** 53.00, **Regulator type** Electronic, **Terminal type** S-L



235145 Regulator

Servicing: Ir170-758, Ir170-764, Ir180-766

14.5 **V setting**, **Regulator type** Electronic, **Terminal type** P-D, **Capacitor** w/o, **Resistor** w/o, Not insulated return

Traditional test methods, will immediately damage P-D regulators.

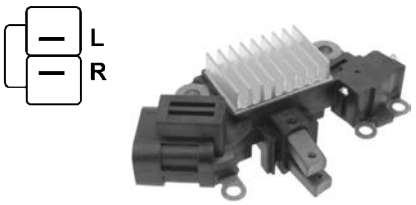


235436 Regulator

Replacing: ivr-853

Servicing: Ir1100-717

14.5 **V setting**, **Terminal type** L-S-C



235438 Regulator

Replacing: I185g-5340

Servicing: LR185-701E

14.3 **V setting**, **Dist. mount. holes** 53.00, **D+ type** Spade, **Regulator type** Electronic, **Terminal type** L-S, Not insulated return



235661 Regulator

Servicing: Ir1110-712, LR190-744

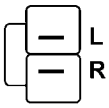
14.3 **V setting**, 7 **Amp**, **Regulator type** Electronic, **Terminal type** S-L, **Battery sensor** w/, **Capacitor** w/o, **Resistor** w/o, Not insulated return



238691 Regulator

Servicing: LR1100-507, LR1100-507B, LR1100-507C, LR1100-508, LR1100-508B, LR1100-508C, LR1100-508E, LR1100-508F, LR1110-502

14.3 **V setting**, **Dist. mount. holes** 53.25, **Regulator type** Electronic, **Terminal type** L-F



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333445* Regulator

Replacing: L140-7315

Servicing: Ir140-714b, Ir140-721b, Ir140-721c, Ir140-723

14.7 **V setting**

28 Volt





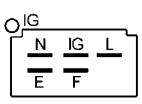
131533 Regulator

Replacing: tl2z-17, tl2z-14

Dist. mount. holes 113.00, **Regulator type** Mechanical

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.





131537 Regulator

Replacing: tl2z-22, tl2z-15

Dist. mount. holes 110.50,
Regulator type Mechanical



231613# Regulator

Replacing: l225-43151

Servicing: LR225-84, LR225-84T, LR225-88

Dist. mount. holes 50.00,
Regulator type Electronic

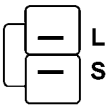


233893 Regulator

Replacing: l225-8315

Servicing: LR225-408B, LR225-408C, LR225-408E, LR225-409E, LR225-415B, LR225-418B, LR225-418C, LR235-401, LR235-406, LR240-401

28.3 **V setting**, **Dist. mount. holes** 51.70,
Regulator type Electronic,
Terminal type S-IG-L





234701 Regulator

Replacing: l225-9315

Servicing: LR235-402, LR235-403E, LR235-403S, LR235-403T, LR235-404C, lr235-404s, lr235-404t, LR235-405, LR235-405S, LR235-405T

Dist. mount. holes 49.45,
Regulator type Electronic,
Terminal type L-S





333038 Regulator

Replacing: tr2z-251b, 333038

Servicing: 897138179, LR235-503C, LR235-504, LR235-703, lr235-703c, LR235-703E, LR235-703F, LR250-502C, LR250-503, LR250-504

Dist. mount. holes 52.00,
Regulator type Electronic,
Terminal type L-IG-S

Regulator Parts

Terminal Blocks



133499 Terminal Block

Replacing: l160-2371, l160-2317a, l160-2317

Servicing: LR140-415, LR140-415B, LR140-419T, LR140-421, LR140-421T, LR140-422E, LR140-422T, LR150-425B, LR150-428E, LR150-428S



133727 Terminal Block

Replacing: l150-9317

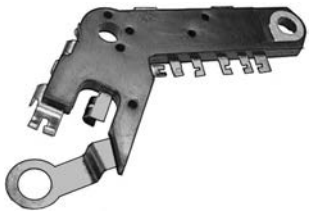
Servicing: LR140-130P, LR140-402, LR140-408, LR150-403, LR150-79, LR150-79B, LR150-79C, LR150-79S, LR155-16B, LR155-16P, LR155-408



134834 Terminal Block

Replacing: l225-4317

Servicing: LR140-427, LR140-433, LR140-433B, LR150-421, LR150-421C, LR150-431, LR150-432, LR150-434, LR150-434B, LR150-438



134877 Terminal Block

Replacing: l150-4317

Servicing: LR150-135, LR150-135E, LR150-136B, LR150-136C, LR150-136E, LR150-147B, LR150-147C, LR150-162, LR150-192, LR150-193



135186 Terminal Block

Replacing: l150-23171

Servicing: LR140-406, LR140-410, LR140-410B, LR140-410BA, LR140-410F, LR140-410G, LR140-411, LR140-411B, LR140-411BA, LR140-411F



135262# Terminal Block

Replacing: l150-7317

Servicing: LR150-139P, LR150-401, LR150-401C, LR150-402, LR150-402C, LR150-423, LR150-423B, LR160-401, LR160-401C



137447 Terminal Block

Replacing: l160-3317

Servicing: LR170-417B, LR170-417C, LR170-417E, LR170-417F, LR170-502P, LR170-502Q

Pkg. 5



137585 Terminal Block

Servicing: LR170-419, LR170-419B, lr170-420, LR170-422, lr170-422b, LR170-427, LR170-427B, LR170-427BA, LR170-427C

ID/ mount. hole 48.60, **Length** 95.20

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Condensers



135275 Condenser

Replacing: I170-4318

Servicing: LR165-708C, LR170-732, LR170-732B, LR170-732C

Length 83.20, **Height** 12.45, **Width** 28.10



135863 Condenser

Replacing: I225-2318

Servicing: LR140-433, LR140-433B, LR150-421, LR150-421C, LR150-431, LR150-432, LR150-434, LR150-434B, LR150-438, LR150-438B

Length 60.55, **Height** 20.45, **Width** 22.00

Pkg. 10



135956 Condenser

Replacing: I170-1318

Servicing: LR160-715, LR160-718H, LR170-714, LR170-715, LR170-715B, LR170-716, LR170-716B, LR170-717, LR170-719, LR170-719B

Length 14.00, **Height** 9.45, **Width** 17.15, **Type** Flat

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138714# Condenser

Replacing: I170-6318

Servicing: LR165-708, LR165-708B, LR165-709, LR170-738, LR170-738B, LR180-730

Length 82.40, **Height** 12.65, **Width** 32.50



138731# Condenser

Replacing: I180g-3318, I180g-1318, I170-5318

Servicing: LR160-724, LR170-715, LR170-715B, LR170-734, LR170-734B, LR170-739, LR170-739B, LR170-740, LR170-740B, Ir170-741

Length 82.50, **Height** 12.80, **Width** 33.00

Pkg. 5



139580 Condenser

Replacing: I180g-2318

Servicing: LR165-708, LR165-708C, LR165-708E, LR165-709B, LR170-738, LR170-738C, LR170-738E, LR180-731B, Ir180-731c, LR180-735

Length 83.65, **Height** 13.35, **Width** 33.00



231077 Condenser

Replacing: I170g-2318

Servicing: LR1100-501, LR1100-501B, LR170-501C, LR170-502B, LR170-502C, LR170-503, LR170-504, LR170-504B, LR190-504C, LR190-505C



231078 Condenser

Servicing: LR1100-703B, LR1110-705, LR1110-705B, LR1110-709, LR1110-723B, LR160-727B, LR160-730, LR160-730C, LR165-711B, Ir170-505

Length 49.25, **Height** 23.00, **Width** 12.50

1.50 µf capacitor.

I.C.Regulators

14 Volt

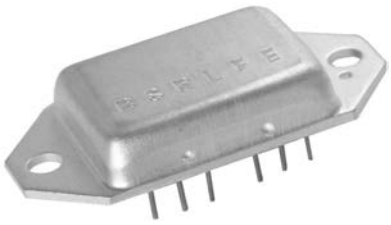


130834 Repair Circuit

Replacing: tr1z-65, tr1z-56, tr1z-48, tr1z-47, tr1z-37, tr1z-33, tr1z-27, tr1z-24

Servicing: LR135-130, LR135-136, LR135-44, LR135-61B, LR140-130, LR150-100, LR150-101B, LR150-111, LR150-111B, LR150-125

Dist. mount. holes 49.20,
Regulator type Electronic,
Terminal type B-S-L-F-E



131287 Repair Circuit

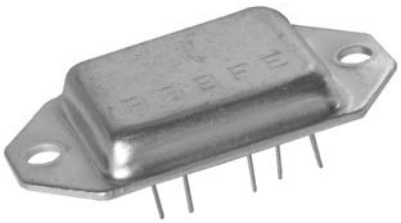
Replacing: tr1z-64a, tr1z-64, tr1z-62, tr1z-53, tr1z-43

Servicing: LR140-119, LR140-119C, LR140-125B, LR140-125C, LR140-130B, LR140-130P, LR140-402, LR140-406, LR140-408, LR140-409

14.5 **V setting**, **Dist. mount. holes** 50.00,
Regulator type Electronic,
Terminal type B-S-R-L-F-E

New Era type: HC-CARGO 136284.

Alternative no.: 136284



131528 Repair Circuit

Replacing: tr1z-46

Servicing: LR140-112, LR140-112E

Dist. mount. holes 49.50,
Regulator type Electronic,
Terminal type R-S-B-F-E

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



132434 Repair Circuit

Replacing: tr1z-69, tr1z-63, tr1z-49, tr1z-44, tr1z-34

Servicing: LR115-15C, LR120-15B, Ir120-15c, Ir120-16b, LR120-22, Ir120-23, LR120-34, LR125-34, LR125-37, LR125-40, LR125-40B

Dist. mount. holes 49.00,
Regulator type Electronic,
Terminal type R-R-L-F-E



135025 Repair Circuit

Servicing: I170-23152

Regulator type Electronic, **Terminal type** S-IG-L



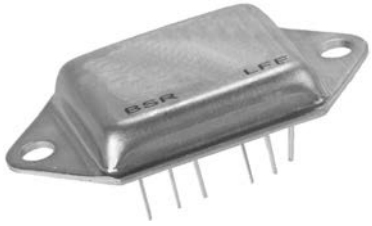
136284 Repair Circuit

Servicing: LR140-119, LR140-119C, LR140-125B, LR140-125C, LR140-130B, LR140-130P, LR140-406, LR140-409, LR140-410, LR140-410B

14.5 **V setting**, **Dist. mount. holes** 50.00,
Regulator type Electronic,
Terminal type B-S-R-L-F-E
As HC-CARGO 131287, but new era type.
Alternative no.: 131287

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28 Volt



132292 Repair Circuit

Replacing: tr2z-49, tr2z-37

Servicing: LR225-403, LR225-407, LR225-408B, LR225-408C, LR225-408E, LR225-409B, LR225-409E, LR225-410, LR225-412C, LR225-412S

Dist. mount. holes 49.50,
Regulator type Electronic,
Terminal type B-S-R-L-F-E



135026 Repair Circuit

Replacing: tr2z-47

Servicing: 23099-Z5562, LR215-23, LR215-24, LR215-48, LR215-50, LR215-53, LR215-55, LR220-23, LR220-24, LR220-26, LR220-27

Dist. mount. holes 49.10,
Regulator type Electronic,
Terminal type R-R-L-F-E

Repair Circuits

14 Volt



133249 Repair Circuit

Servicing: I160-5315, I180-7315, I190-3315, I190-4315

Regulator type Electronic,
Terminal type E-F-T-L-S

Brush Boxes



132426 Brush Box

Replacing: I160g-1330, I150-93302, I150-43303

Servicing: LR140-130P, LR140-402, LR140-406, LR140-408, LR140-410, LR140-410B, LR140-410BA, LR140-410F, LR140-410G, LR140-411

14/28 **V**, **OD** 73.00



133327 Brush Box

Replacing: I150-43301

Servicing: LR140-112E, LR140-119, LR140-119C, LR140-124C, LR140-125B, LR140-125C, LR140-130B, Ir150-133, LR150-133B, LR150-133C

14 **V**



135067 Brush Box

Replacing: I160-23301

Servicing: LR160-116, LR160-82, LR160-82B, LR160-84, LR160-84B, LR170-02, LR170-02B

14 **V**



135276 Brush Box

Replacing: I170-3325

Servicing: LR170-732, LR170-732B, LR170-732C

14 **V**



135347 Brush Box

Replacing: I180g-2330

Servicing: LR165-708, LR165-708B, LR165-708C, LR165-708E, LR170-738, LR170-738B, LR170-738C, LR170-738E, LR180-731B, LR180-731C

14 **V**

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Available while stock last, * Program development.



135348 Brush Box

Replacing: I180-3330

Servicing: LR160-723, LR160-723B, LR170-734, LR170-734B, LR170-739, Ir180-725

14 **V**



135446# Brush Box

Replacing: I150-83303, I150-13304

Servicing: LR150-111, Ir150-15, LR150-199, LR150-200, Ir150-23, LR150-25, LR150-64, LR155-15, Ir155-15b, Ir155-15c, LR155-18

14 **V**



135887# Brush Box

Replacing: I150-33304

Servicing: LR150-194, Ir150-194b, Ir150-197, LR150-197B, LR160-140, LR160-154, LR160-168, LR225-86, LR225-86B

14 **V**



138371 Brush Box

Replacing: I170g-4330

Servicing: Ir170-505, LR170-505B, LR170-506

14 **V**



138614 Brush Box

Replacing: I180g-1330

Servicing: LR160-724, LR170-739B, LR170-740, LR170-740B, LR170-741, LR180-725, LR180-725C, LR180-725E, LR180-733, LR180-733B

14 **V**, **OD** 32.00



138719 Brush Box

Replacing: I190g-3330, I180g-4330

Servicing: LR1100-703, LR1100-703B, LR1110-705, LR1110-705B, LR1110-706B, LR1110-707C, LR1110-709, LR1110-723B, LR1125-702

14/28 **V**



138729 Brush Box

Replacing: I165g-1330

Servicing: LR165-709, LR165-709B

14 **V**



138733 Brush Box

Replacing: I180g-3330, I170g-3330

Servicing: Ir1100-704, LR1100-704B, LR1100-704E, LR1100-705, Ir1125-704, LR160-727, LR160-727B, LR165-711, LR165-711B, Ir170-727

14 **V**



138741 Brush Box

Replacing: I170g-2330

Servicing: LR1100-501, LR1100-501B, LR150-515B, LR170-501C, LR170-502B, LR170-502C, LR170-503, LR170-504, LR170-504B, LR170-504C

14 **V**, **OD** 41.80



230014 Brush Box

Servicing: LR150-711, LR160-725, Ir160-726, Ir160-726b, LR170-738, LR170-738B, LR170-742

14 **V**



233254# Brush Box

Replacing: I195g-1330

Servicing: LR195-701

14 **V**

Brush Box Parts

Brush Sets



140342 Brush Set

Replacing: I225g-1325, I180-1335, I150n-13261, I150-73251, I150-13251, I135-6326, I125n-13261, I125n-13251

Servicing: LR120-15B, LR120-15C, LR120-16B, LR120-23, LR125-34, LR125-37, LR125-40, LR125-40B, LR135-102, LR135-104, LR135-105

14 **V**, **Length** 16.50, **Lead length** 61.50, **Height** 7.00, **Thickness** 5.00

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



140343 Brush Set

Replacing: I150m-13261, I150m-13251

Servicing: LR170-427, LT155-08B

14 **V**, **Length** 20.50/21.50, **Lead length** 30.00, **Height** 7.00, **Thickness** 5.00

Pkg. 10



140344 Brush Set

Replacing: I119n-1361

14 **V**, **Length** 19.00, **Lead length** 43.00, **Height** 8.00, **Thickness** 6.00



140380 Brush Set

Replacing: I225-13261, I225-13251, I150-83251, I150-23321, I150-23252, I150-23251, 2170-1325

Servicing: LR140-112E, LR140-119, LR140-119C, LR140-124C, LR140-125B, LR140-125C, LR140-130B, LR140-130P, LR140-402, LR140-406

14 **V**, **Length** 20.50/21.50, **Lead length** 62.30, **Height** 7.00, **Thickness** 5.00



140575 Brush Set

Replacing: I180-1325, I170g-1325, I170-4325, I170-2325, I1110-1325, I1100g-1325

Servicing: 897138179, LR1100-501, LR1100-502E, LR1100-702, LR1100-705, LR1100-705B, LR1100-705C, LR1100-705E, LR1100-708

14 **V**, **Length** 25.00/26.50, **Lead length** 74.00, **Height** 8.00, **Thickness** 5.00



140744 Brush Set

Replacing: I160-1331

Servicing: LR140-701, LR145-701, LR145-701B, LR145-701C, LR145-701E, LR145-701F, LR150-704, LR160-702B, LR160-703B, LR160-707

14 **V**, **Length** 15.50, **Lead length** 50.50, **Height** 7.00, **Thickness** 5.65

Pkg. 10



140818 Brush Set

Replacing: I170-1325

Servicing: LR1100-501B, LR1100-709, LR1110-713, LR1110-713B, LR1110-713C, LR1110-713V, LR1110-717, LR1110-717B, LR140-703

14 **V**, **Length** 18.00, **Lead length** 71.00, **Height** 8.00, **Thickness** 5.00

Rectifiers



130618 Rectifier

Replacing: I160-13201, I160-1320, I140-9320, I140-7320, I140-6320, I125-8320, I125-6320

Servicing: LT115-52, LT120-05, LT120-21, It125-06, It130-72, LT130-75, LT130-81, LT130-83, LT130-89, It135-13, LT135-13B, LT135-16

35 **Amp/ diode**, **No./ diodes** 6, **Capacitor** w/o



131598 Rectifier

Replacing: I160-5320, I160-33203, I160-3320, I150-13230, I150-13203

Servicing: LR150-111, LR150-111B, LR150-64, LR155-15, LR160-104, LR160-110, LR160-113, LR160-116, LR160-117, LR160-125, LR160-133

35 **Amp/ diode**, **B+/ threaded** M5/20.10, **ID** 42.00, **OD** 118.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



131599 Rectifier

Replacing: I150-13204

Servicing: LR140-119, LR140-119C, LR140-130B, Ir150-133, LR150-133B, LR150-133C, LR150-133E, LR150-135, LR150-135E, LR150-136B

35 **Amp/ diode**, **B+/ threaded** M5, **ID** 43.55, **OD** 111.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



131600 Rectifier

Replacing: I160-9320, I160-6320, I150-73203, I150-13206, I140-93202

Servicing: LR150-100, LR150-101B, LR150-125, LR150-125B, LR150-132, LR150-132B, LR150-140, LR150-151, LR150-151B, LR150-165

35 **Amp/ diode**, **B+/ threaded** M5/18.00, **ID** 50.25, **OD** 111.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



131603 Rectifier

Replacing: I225-6320, I225-4320, I170g-63201, I170-5320, I160-93201, I160-7320, I160-53202, I160-4320

Servicing: LR140-130P, LR140-402, LR140-408, LR140-415, LR140-415B, LR140-427, LR140-433, LR140-433B, Ir150-139p, Ir150-401

35 **Amp/ diode**, **B+/ threaded** M5, **ID** 43.65, **OD** 111.00, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



132051# Rectifier

Replacing: I150-13202

Servicing: LT140-126, LT140-135, LT150-102, LT150-113, LT150-113B, LT150-120, LT150-123, LT150-123B, LT150-129, LT150-52, LT150-54

35 **Amp/ diode**, **B+/ threaded** M5/19.00, **ID** 38.35, **OD** 111.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



132053 Rectifier

Replacing: I160-23201

Servicing: LR160-107, LR160-107B, LR160-108, LR160-108B, LR160-114B, LR160-131, LR160-134, LR160-134B, LR160-135, LR160-135B

35 **Amp/ diode**, **ID** 44.00, **OD** 118.00, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



132098 Rectifier

Replacing: I170-9320, I170-6320, I170-1502, I160g-13201

Servicing: LR160-715, LR170-714, LR170-716, Ir170-717

35 **Amp/ diode**, **ID** 40.70, **OD** 100.00, **Mount. dist.** 80.00, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



132099 Rectifier

Replacing: I180-6320, I180-2320

Servicing: LR170-713, LR170-721, LR170-721B, LR180-704, LR180-715, LR190-704, LR190-709, LR190-709B, LR190-711

35 **Amp/ diode**, **B+/ threaded** M6/46.00, **ID** 56.00, **OD** 113.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
Copper heat sinks. HD version: HC-CARGO 138125.



132406 Rectifier

Replacing: I135-3320

Servicing: LR135-102, LR135-105, LR135-106, LR135-115, LR135-116, LR135-118, LR135-124, LR135-126, LR135-127, LR135-128, LR135-130

35 **Amp/ diode**, **B+/ threaded** M5/26.80, **ID** 52.75, **OD** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



132412 Rectifier

Replacing: I150-93201

Servicing: LR140-410, LR140-410B, LR140-410BA, LR140-410F, LR140-410G, LR140-411, LR140-411B, LR140-411BA, LR140-411F, LR140-411G

B+/ threaded M5/25.35, **D+ threaded** M5/15.65, **ID** 52.75, **OD** 111.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



133262# Rectifier

Replacing: I170-83202, I170-1320

Servicing: LR160-706, LR170-701, LR170-701B, LR170-701E, LR170-702, LR170-702B

35 **Amp/ diode**, **B+/ threaded** M6/27.75, **ID** 39.40, **OD** 103.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



133377 Rectifier

Replacing: I165-7320, I165-6320

Servicing: LR150-704, Ir165-704b, LR165-707, LR165-707B, Ir180-719

35 **Amp/ diode**, **B+/ threaded** M6, **ID** 34.15, **OD** 100.00, **Mount. dist.** 85.00, **No./ diodes** 8, **Capacitor** w/o
Copper heat sinks.



134386# Rectifier

Servicing: LR150-02, Ir150-11, LR150-11A

35 **Amp/ diode**, **OD** 70.00, **No./ diodes** 6, **Capacitor** w/o



135036# Rectifier

Replacing: I170-2320

Servicing: LR160-707, LR160-708, LR160-709, LR160-710, LR170-709, LR170-710

35 **Amp/ diode**, **B+/ threaded** M6/28.00, **ID** 40.55, **OD** 104.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



135037 Rectifier

Replacing: I170g-33202, I160-43202, I160-23202

Servicing: LR160-421F, Ir160-422b, LR160-426, LR160-426T, LR160-442B, LR160-442C, LR160-442E, LR170-401, LR170-402, LR170-402B

35 **Amp/ diode**, **ID** 49.90, **OD** 118.00, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



135038 Rectifier

Replacing: I170-33202

Servicing: LR170-732, LR170-732B, LR170-732C

35 **Amp/ diode**, **OD** 103.00, **Mount. dist.** 75.00, **No./ diodes** 8, **Capacitor** w/o
Copper heat sinks. w/ terminal W.



135039 Rectifier

Replacing: I180g-7320, I170-23203

Servicing: LR170-738, LR170-741, Ir180-725c, LR180-736B, Ir180-736c, LR180-737B

35 **Amp/ diode**, **B+/ threaded** M5, **OD** 103.00, **Mount. dist.** 53.00, **Diode type** Press-fit, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



135040 Rectifier

Replacing: I180-13202

Servicing: LR160-723, LR160-723B, LR180-725

14 **V**, 35 **Amp/ diode**, **B+/ threaded** M8, **OD** 103.00, **Mount. dist.** 53.00, **No./ diodes** 6, **Capacitor** w/o



135246 Rectifier

Replacing: I160-73202, I160-33202

Servicing: LR150-194, Ir150-194b, Ir150-197, LR150-197B, LR160-140, LR160-140B, LR160-151, LR160-154, LR160-168, LR225-86

35 **Amp/ diode**, **B+/ threaded** M6/32.00, **ID** 53.00, **OD** 111.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



135318 Rectifier

Replacing: I170g-2320, I165g-3320, I165g-2320, I160-53201

Servicing: 170-738C, 180-725C, LR160-707, LR165-708C, LR165-709, LR170-738C, LR180-735

35 **Amp/ diode**, **B+/ threaded** M5/26.00, **ID** 35.75, **OD** 103.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



135466 Rectifier

Replacing: I135-6320

Servicing: LR135-107, LR135-108, LR135-61, LR135-61B, LR135-70, LR140-132, LR140-133

35 **Amp/ diode**, **ID** 51.90, **OD** 100.00, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



135757 Rectifier

Replacing: I140-53201

Servicing: LR140-120E, Ir140-131, LR140-131B

35 **Amp/ diode**, **OD** 100.00, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



136650 Rectifier

Replacing: I170-43202

Servicing: Ir170-734, LR170-734B, LR170-739

35 **Amp/ diode**, **B+/ threaded** M6/36.00, **OD** 103.00, **Mount. dist.** 43.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



136976 Rectifier

Replacing: I170g-1320, I165g-1320

Servicing: LR165-708B, LR170-738, LR170-738B, LR170-742

35 **Amp/ diode**, **B+/ threaded** M6/27.20, **OD** 103.00, **B+ type** Screw, **Diode type** Press-fit, **No./ diodes** 8, **Capacitor** w/o



137015# Rectifier

Replacing: I150-43202

Servicing: Ir155-502b, LR155-502C, LR155-502E, LR155-503, LR155-503E, LR155-504

35 **Amp/ diode**, **ID** 51.15, **OD** 100.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/o
Copper heat sinks.



137187 Rectifier

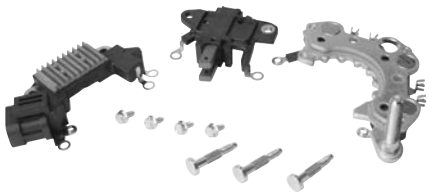
Replacing: I225-3320

Servicing: LR155-20, LR155-20B, LR155-29, LR155-30B, LR155-30C, LR225-71, LR225-71B

B+/ threaded M5/8.20, **ID** 53.15, **OD** 111.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



138190 Regulator/Rectifier Assy

Replacing: I170g-6308, I170g-3319

Servicing: LR170-505, LR170-505B

14 **V**, **B+/ threaded** M8/38.13, **ID** 36.70, **OD** 115.00, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 6, **Brush gear** w/, **Capacitor** w/o

Rectifier: HC-CARGO 230094. Regulator: HC-CARGO 139980.



138615 Rectifier

Replacing: I180g-8320

Servicing: Ir180-501, LR180-501B, LR180-501C, LR180-502B, LR180-503C

35 **Amp/ diode**, **B+/ threaded** M6, **ID** 56.15, **OD** 119.00, **B+ type** Bolt, **No./ diodes** 8, **Capacitor** w/o

Copper heat sinks.



138617 Rectifier

Replacing: I190g-83204, I190g-33201

Servicing: LR170-501C, LR170-502B, LR170-502C, LR170-503, LR170-504B, LR190-504C, Ir190-505e, LR190-505F, LR190-511, LR190-511B

35 **Amp/ diode**, **W thread** M5, **B+/ threaded** M5/36.90, **OD** 118.00, **B+ type** Screw, **W type** Screw, **No./ diodes** 6, **Capacitor** w/o

w/ terminal W.



138695 Rectifier

Replacing: I165-8320

Servicing: LR150-711, LR165-708

35 **Amp/ diode**, **B+/ threaded** M8/27.50, **OD** 103.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

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138718 Rectifier

Replacing: I1125g-2320, I1110g-4320

Servicing: LR1100-703, LR1110-705, LR1110-705B, LR1110-709, LR1110-723B, LR1125-702, Ir1125-702b

40 **Amp/ diode**, **B+/ threaded** M6/13.40, **OD** 119.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8

w/ terminal W.



138732 Rectifier

Replacing: I170g-53203, I170g-13201, I165g-9320

Servicing: LR165-711, LR165-711B, LR170-743, Ir170-745, LR170-745B, LR170-746, LR170-746B, LR170-746C, LR170-746E, LR170-746F

35 **Amp/ diode**, **B+/ threaded** M8/44.25, **OD** 114.00, **Mount. dist.** 71.50, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o

w/ terminal W.



139172# Rectifier

Replacing: I190-4320, I180-93201

Servicing: LR180-724, Ir190-706, Ir190-707, Ir190-707b

35 **Amp/ diode**, **B+/ threaded** M6/46.60, **ID** 50.90, **OD** 113.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o

Copper heat sinks.



139464# Rectifier

Replacing: I160g-1320

Servicing: LR160-724, LR180-736B

OD 103.00, **Mount. dist.** 49.74, **No./ diodes** 6, **Capacitor** w/o

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139579 Rectifier

Replacing: I170g-93201

Servicing: LR165-709B, LR170-738E

B+/ threaded M6/27.35, **OD** 103.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o

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230094 Rectifier

Replacing: I170g-23203

Servicing: Ir170-505, LR170-505B

35 **Amp/ diode**, **B+/ threaded** M8/38.00, **OD** 115.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

w/ terminal W. Regulator/rectifier: HC-CARGO 138190.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



230478 Rectifier

Replacing: I160-23203

Servicing: LR160-109C, LR160-167

B+/ threaded M6/16.30, **ID** 52.40, **OD** 118.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



230662 Rectifier

Replacing: I180g-83202, I180g-73203, I180g-43201, I180g-4320, I160g-4308

Servicing: Ir160-727, LR160-727B, LR160-741H, LR160-745, LR180-733, LR180-734B, LR180-741, Ir180-741b, Ir180-741c, LR180-741H

35 **Amp/ diode**, **B+/ threaded** M6, **OD** 114.00, **Mount. dist.** 65.00, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



230865 Rectifier

Replacing: I190g-33202

Servicing: LR190-719B, LR190-720B

B+/ threaded M6/33.00, **OD** 103.00, **Mount. dist.** 47.92, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



231081 Rectifier

Replacing: I190g-93202, I190g-73204, I1100g-5320

Servicing: LR1100-501, LR1100-501B, LR190-512B, LR190-512C, LR190-515, LR190-515B

35 **Amp/ diode**, **B+/ threaded** M8/41.00, **OD** 118.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



231442 Rectifier

Replacing: I160g-9320, I160g-53201

Servicing: LR160-728, LR160-728B, LR160-728C, Ir160-732, LR160-732B, LR160-732C, Ir225-702, LR235-705

35 **Amp/ diode**, **B+/ threaded** M8/44.53, **OD** 114.00, **B+ type** Bolt, **Diode type** HD, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



231554 Rectifier

Replacing: I170g-6320, I170g-3320

Servicing: LR170-739B, LR170-740, Ir235-702

B+/ threaded M6/36.00, **OD** 103.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



231726 Rectifier

Replacing: I135-13208, I135-13203

Servicing: LR120-16B, LR120-23, LR125-34, LR135-104, LR135-115, LR135-125, LR135-127, LR135-128, LR135-131, LR135-34, LR135-61B

35 **Amp/ diode**, **B+/ threaded** M5/26.00, **OD** 100.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6
Copper heat sinks.



232073 Rectifier

Replacing: I170g-8320, I170g-73201, I170-93202

Servicing: Ir170-417b, Ir170-417c, LR170-417E, LR170-417F, Ir170-502p, Ir170-502q

35 **Amp/ diode**, **B+/ threaded** M6/32.75, **OD** 118.00, **Mount. dist.** 80.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
Aluminium.



233512# Rectifier

Replacing: I1110g-1320, I1110-1320

Servicing: LR1100-702, LR1110-701, Ir1110-702

35 **Amp/ diode**, **B+/ threaded** M8/45.00, **OD** 119.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



233514 Rectifier

Replacing: I170g-73202, I170-7302

Servicing: LR170-715, LR170-715B, LR170-716, LR170-716B

35 **Amp/ diode**, **B+/ threaded** M6/22.00, **ID** 29.00, **OD** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o
Copper heat sinks.



233606 Rectifier

Replacing: I190g-7320s, I190g-73205, L180G-63203

Servicing: LR1100-710B, LR1100-710C, Ir180-749b, Ir180-749c, Ir180-749e, Ir190-734, Ir190-734b, LR190-734C, LR190-734E, Ir190-734g

B+/ threaded M8/42.40, **OD** 114.00, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



233620 Rectifier

Servicing: Ir1100-502e, Ir1100-502f, Ir1100-502g, Ir1100-502j, Ir170-509c, Ir170-509e, Ir170-509f, Ir170-509g, LR170-509H

35 **Amp/ diode**, **B+** 38.50, **B+/ threaded** M8, **OD** 127.75, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o

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Available while stock last, * Program development.



233639 Rectifier

Replacing: I190-5320, I190-3320, I190-1320

Servicing: LR190-702B, LR190-702C, LR190-703B, LR190-704, LR190-704B, LR190-708, LR190-708C, LR190-711

35 **Amp/ diode**, **B+/ threaded** M6/46.00, **ID** 44.75, **OD** 113.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o

Copper heat sinks.



233705 Rectifier

Replacing: I1125g-7320

Servicing: Ir1125-702, LR1125-702F, LR1125-703C, LR1125-703E

35 **Amp/ diode**, **B+/ threaded** M6/13.00, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



234027 Rectifier

Replacing: I1110g-8320, I1110g-73082, I1110g-6320, I1100g-6320, I1100g-23201

Servicing: LR1100-703B, LR1100-711, LR1100-711B, LR1100-725, LR1100-725B, LR1100-725C, LR1110-705B, LR1110-707C, LR1110-707F

50 **Amp/ diode**, **B+/ threaded** M6, **OD** 120.00, **Mount. dist.** 65.00, **Diode type** Avalanche, **No./ diodes** 8



234277 Rectifier

Servicing: Honda Golden Wing, LR140-708, LR140-708C, LR170-708, LR170-708C

20 **Amp/ diode**, **OD** 86.00, **Mount. dist.** 48.84, **Diode type** Dish, **No./ diodes** 6, **Capacitor** w/o



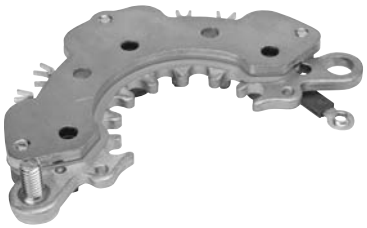
234312 Rectifier

Replacing: I190g-63205, I190g-33204

Servicing: LR185-701, Ir185-701b, LR185-701C, LR185-701E, LR185-701H, Ir185-702

35 **Amp/ diode**, **B+/ threaded** M6/12.95, **OD** 102.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8

w/ terminal W.



234315 Rectifier

Replacing: I190g-43205

Servicing: LR165-714, LR180-762, LR180-762B, LR180-768, LR190-725F, LR190-732C, LR190-737, LR190-737B, LR190-737E

35 **Amp/ diode**, **B+/ threaded** M6/13.00, **OD** 115.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6



234576# Rectifier

Replacing: I180g-63202, I180g-53202, I180-23202, I180-23201

Servicing: Ir180-711b, Ir180-711e, Ir180-712, Ir180-712b, Ir180-714, Ir180-714b, LR180-718, LR180-718B

B+/ threaded M6/36.00, **OD** 100.00, **Mount. dist.** 80.00, **No./ diodes** 8



234577 Rectifier

Replacing: I180-716, I180-43201

Servicing: LR180-716

B+/ threaded M6/33.00, **OD** 100.00, **Mount. dist.** 80.00, **B+ type** Screw, **No./ diodes** 8



234646 Rectifier

Replacing: I140-73202

Servicing: LR140-419T, LR140-421, LR140-421T, LR140-422E, LR140-422T, LR160-427C, LR160-77, LR160-78, LR160-78B, LR170-408C

OD 118.00, **No./ diodes** 6



234809 Rectifier

Replacing: I190g-8320

Servicing: LR190-505C

35 **Amp/ diode**, **B+/ threaded** M6/38.00, **OD** 118.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

w/ terminal W.



234828 Rectifier

Servicing: LR190-743, LR190-761

B+/ threaded M6/35.00, **OD** 114.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



234829 Rectifier

Servicing: LR190-744

B+/ threaded M6/35.00, **OD** 114.00, **B+ type** Screw, **No./ diodes** 8

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#Available while stock last, * Program development.

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234909[#] Rectifier

Servicing: LR160-729C

40 **Amp/ diode**,
B+/ threaded M6/35.00, **OD** 114.00,
Mount. dist. 100.00, **B+ type** Screw,
Diode type Avalanche, **No./ diodes** 6,
Capacitor w/o



235226 Rectifier

Replacing: I190g-13205

Servicing: LR170-768, LR190-747, LR190-752, LR190-752B, LR190-753, LR190-754

B+/ threaded M6/13.50, **OD** 102.00,
No./ diodes 8



235315 Rectifier

Replacing: I160g-33202

Servicing: LR160-728E, LR160-728F, Ir160-732, Ir160-732b, LR170-764, Ir225-702, Ir235-705

32 **Zener V**, 70 **Amp/ diode**,
B+/ threaded M8/42.50, **ID** 39.50,
OD 114.00, **B+ type** Bolt,
Diode type Zener, **No./ diodes** 6,
Capacitor w/o



235660 Rectifier

Servicing: LR170-757B, Ir170-765

35 **Amp/ diode**, **B+/ threaded** M6/13.40,
OD 114.00, **B+ type** Bolt,
Diode type Press-fit, **No./ diodes** 8
w/ terminal W.



235729 Rectifier

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F, LR1100-502G, LR1100-502H, LR1100-502J

8-50 **Amp/ diode**, **B+/ threaded** M8/39.05,
ID 45.60, **OD** 128.05, **B+ type** Bolt,
Diode type Avalanche, **No./ diodes** 8,
Capacitor w/o



235885 Rectifier

Servicing: LR1100-502MD

50 **Amp/ diode**, **B+/ threaded** M8/38.50,
ID 46.00, **OD** 128.00, **Mount. dist.** 65.00, -
Diode type Avalanche, **No./ diodes** 6



235889 Rectifier

35 **Amp/ diode**, **B+** M6,
B+/ threaded M6/13.64, **ID** 40.00,
OD 102.00, **Mount. dist.** 65.00,
B+ type Bolt, **No./ diodes** 6,
Brush gear w/o



235893 Rectifier

Servicing: Ir170-758

6-30 **Amp/ diode**, **B+/ threaded** M5/6.39,
ID 40.00, **OD** 114.14, **Mount. dist.** 67.87, -
Diode type Press-fit, **No./ diodes** 6



237331 Rectifier

B+/ threaded M6/14.33,
D+ threaded 13.75, **OD** 114.10,
Mount. dist. 99.00, **B+ type** Bolt,
Diode type Zener, **No./ diodes** 8



333051 Rectifier

B+/ threaded M8x1.25/39.50, **OD** 127.00,
B+ type Bolt, **No./ diodes** 6,
Capacitor w/o



333052 Rectifier

Replacing: I250g-1320

Servicing: LR250-502B, LR250-502C, LR250-503, LR250-504, LR250-505B, LR250-505F, LR250-505G, LR250-506, LR250-506C, LR250-506F

B+/ threaded M6/37.30, **OD** 120.00,
B+ type Bolt, **D+ type** Screw,
No./ diodes 11



333448 Rectifier

Replacing: I1110g-43201

Servicing: LR1110-713, Ir1110-713b, LR1110-713C, LR1110-713V, LR1110-717, LR1110-717B

24/29 **Zener V**, 6-50 **Amp/ diode**,
B+/ threaded M6/13.31, **OD** 119.32,
Mount. dist. 68.00, **B+ type** Bolt,
Diode type Avalanche, **No./ diodes** 6,
Capacitor w/o

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[#]Available while stock last, ***** Program development.

Rectifier Parts

Diodes

Pkg. 10



136253 Diode (+)

400 **V**, 40 **Amp**, **OD** 11.50,
Lead length 20.00, **Polarity** Positive,
Diode type Press-fit

Pkg. 10



136254 Diode (-)

400 **V**, 40 **Amp**, **OD** 11.50,
Lead length 20.00, **Polarity** Negative,
Diode type Press-fit

Terminals

Pkg. 25



233790# Terminal Bolt

Servicing: LR150-421, LR150-421C, LR150-434, LR150-434B, Ir150-438b, Ir150-439b, LR150-441, LR150-441C, LR150-441E, LR150-449B

Thread size M5, **Total length** 42.50,
Thread length 12.00

Various

Pkg. 10



234959 Terminal Bolt

Servicing: Ir1100-501, Ir1100-501b, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, Ir1100-502f, Ir1100-502g

Thread size M5, **Total length** 29.00,
Thread length 7.50

Bearings

Needle Bearings

Pkg. 10



140136 Needle Bearing

Replacing: 23120-z9013

Servicing: 20SI, 27SI type 200

ID 17.00, **OD** 23.80, **Height** 32.00,
Rolls 15
Closed end.

Special Bearings

Pkg. 5



140233 Ball Bearing

Replacing: 6900bpl

Servicing: LR140-701, LR145-701, LR145-701B, LR145-701C, LR145-701E, LR145-701F, LR160-702B, LR160-703B, LR160-707, LR160-708

ID 10.00, **OD** 23.00, **Height** 11.00,
Lock ring w/

Pkg. 5



140235 Ball Bearing

Replacing: 6000tr, 6000hl, 6000hc, 6000g

Servicing: LR1100-703, LR1100-703B, LR1100-704, LR1100-704B, LR1100-704E, LR1100-705, LR1100-705B, LR1100-705C, LR1100-705E

ID 10.00, **OD** 27.00, **Height** 11.00,
Lock ring w/
Alternative no.: B140235

Pkg. 10



140417 Ball Bearing

Replacing: 6201nc

Servicing: LR150-199, LR150-200, LR155-23, LR155-25, LR160-104, LR160-105, LR160-130, LR160-137, LR160-138, LR160-139, LR160-151

ID 12.00, **OD** 32.00, **Height** 10.00,
Lock ring w/



140434 Ball Bearing

Replacing: 6202nct, 6202ncdg

Servicing: LR1100-501, LR1100-501B, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F, LR1100-502G

ID 15.00, **OD** 35.00, **Height** 13.00,
Lock ring w/
Alternative no.: B140434

Pkg. 8



140989 Ball Bearing

Replacing: 6201ncdp, 6201ncd

Servicing: LR1110-701B, LR1110-703B, LR1110-704, LR1125-701, LR150-199, LR155-502B, LR155-502C, LR155-502E, LR155-503, LR155-504

ID 12.00, **OD** 32.00, **Height** 13.00,
Lock ring w/

Pkg. 10



141012 Ball Bearing

Replacing: 6202llbc3

Servicing: LR155-16B

ID 15.00, **OD** 35.00, **Height** 11.00,
Teflon ring w/

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Pkg. 5



141062 Ball Bearing

Replacing: 6302nc

Servicing: 23099-Z5562, LR225-68B, LR225-80, LR225-80B, LR235-58, LR235-62, LR235-68, LR235-69, LR235-70, LR235-70B, LR235-75C

ID 15.00, **OD** 42.00, **Height** 13.00, **Lock ring** w/

Pkg. 10



141103 Ball Bearing

Servicing: LR1100-724, LR1100-724B, LR1100-725, LR1100-725B, LR1100-725C, Ir1120-701, LR1130-702, LR1130-702B, LR1130-702C

ID 10.00, **OD** 27.00, **Height** 11.00, **Teflon ring** w/

Pkg. 10



141233 Ball Bearing

Replacing: 6303tf

Servicing: Ir1100-503, LR1100-503A, LR1100-503B, LR1100-503C, LR1100-503E, LR1100-503F, LR1100-507, LR1100-507B, LR1100-507C

ID 17.00, **OD** 47.00, **Height** 14.00
Alternative no.: B141233

Pkg. 10

NEW PRODUCT
www.hc-cargo.com

142314 Ball bearing

Replacing: 6202llbc3

ID 15.00, **OD** 35.00, **Height** 11.00, **Teflon ring** w/

Fans & Pulleys



231519# Fan & Pulley

Replacing: I170g-35001, I150-55001

Servicing: LR150-135E, LR150-147C, LR150-162, LR150-193, LR150-203, LR150-206, LR150-211B, LR150-212B, LR150-431, LR150-432

OD 80.40, **Bore dia.** 17.00, **Width** 18.30, **Depth** 5.80, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1
Pulley only: HC-CARGO 230289.



233489# Fan & Pulley

Replacing: I135-6500, I135-11526, I130-11581

Servicing: LT135-68

OD 74.10, **Bore dia.** 15.00, **Width** 29.80, **Depth** 17.00, **Pulley type** P, **Grooves** 1



233604 Fan & Pulley

Replacing: I150g-2500

Servicing: LR140-410, LR140-410B, LR140-410F, LR140-410G, LR140-411, LR140-411B, LR140-411F, LR140-411G, LR140-423F, LR140-423G

OD 74.00, **Bore dia.** 17.00, **Width** 27.80, **Depth** 14.60, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



234278 Fan & Pulley

Replacing: I190g-4500

Servicing: LR180-504, LR180-506B, LR180-507, LR180-507B, LR180-508, LR180-508B

OD 82.00, **Bore dia.** 17.00, **Width** 27.30, **Depth** 14.00, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1

Fans



232600 Fan

Servicing: LR135-105, LR135-115, LR135-116, LR135-118, LR135-124, LR135-126, LR135-127, LR135-128, LR135-58, LR135-58B, LR135-74

OD 125.00, **Bore dia.** 15.00, **Height** 16.30, **Fans** 12, **Pulley** w/o

Pulleys



133343# Pulley

Replacing: I180-9500, I180-3500, I170-55001, I160-65003

Servicing: LR160-715, LR165-707, LR165-707B, LR170-713, LR170-721, LR170-721B, LR180-708, LR180-711B, LR180-711E, LR180-724

OD 61.05, **Bore dia.** 17.00, **Dist./ back** 7.25, **Width** 21.10, **Depth** 7.20, **Pulley type** SP, **Grooves** 4



133348 Pulley

Replacing: I170-35001

Servicing: LR170-715, LR170-715B, LR170-716, LR180-716

OD 59.80/62.80, **Bore dia.** 17.00, **Dist./ back** 8.50, **Width** 48.40, **Depth** 33.40, **Pulley type** DSP, **Grooves** 4/6

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Available while stock last, * Program development.



133698 Pulley

OD 70.05, **Bore dia.** 15.00, **Dist./ back** 10.00, **Width** 26.30, **Depth** 10.90, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



133699 Pulley

Replacing: I225-9500, I150-55007

Servicing: LR140-419T, LR140-421T, LR140-422T, LR150-428E, LR150-428S, LR150-428T, LR150-430C, LR150-430S, LR150-430T, LR150-435

OD 77.80, **Bore dia.** 17.00, **Dist./ back** 5.40, **Width** 33.50, **Depth** 18.80, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



133936 Pulley

Replacing: I150-65004

Servicing: 10SI, 12SI, 15SI, 17SI, CS130, LR150-111, LR150-151, Ir150-151b, LR150-199, LR150-64, LR155-23, LR155-25, LT150-113

OD 65.00, **Bore dia.** 17.00, **Width** 16.50, **Depth** 6.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



134711 Pulley

Replacing: I160-8500

Servicing: LR135-105, LR135-115, LR135-116, LR135-118, LR135-124, LR135-126, LR135-127, LR135-128, LR135-58, LR135-58B, LR135-74

OD 73.80, **Bore dia.** 15.00, **Width** 19.20, **Depth** 6.30, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



134712 Pulley

Replacing: I140-85001

Servicing: LR135-107, LR135-61, LR135-61B, LR135-70, LR135-74, LR135-86, LR140-132, LR140-701, LR140-703, LR145-701, LR145-701B

OD 67.95, **Bore dia.** 15.00, **Width** 14.00, **Depth** 4.90, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



134920 Pulley

Replacing: I155-4500, I155-3500, I150-25002

Servicing: LR150-200, LR155-15, LR155-15C, LR155-18, LR160-137, Ir160-138, LR170-407

OD 72.10, **Bore dia.** 17.00, **Width** 37.10, **Depth** 25.50, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



135272 Pulley

Replacing: I225-55001, I160-6500, I160-4500

Servicing: LR140-119, LR140-119C, LR140-130B, LR140-130P, LR140-402, LR140-415, LR140-415B, LR150-125, LR150-202, LR150-211

OD 73.45, **Bore dia.** 17.00, **Width** 20.75, **Depth** 7.80, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



136042 Pulley

Replacing: I180-65001

Servicing: LR180-725, LR180-725C, LR180-725E, LR180-737B, LR180-737C, LR180-741, LR180-741B, LR180-741H

OD 69.25, **Bore dia.** 17.00, **Dist./ back** 7.40, **Width** 31.80, **Depth** 17.85, **Pulley type** SP, **Grooves** 6



136117 Pulley

Replacing: I170g-25001, I170-95001, I160-45003, I160-25001

Servicing: LR160-107, LR160-107B, LR160-414, LR160-67, LR160-67B, LR160-67C, LR160-67E, LR160-67G, LR160-67H, LR170-402

OD 84.00, **Bore dia.** 17.00, **Width** 19.00, **Depth** 6.00, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



136149 Pulley

Replacing: I170g-1500

Servicing: LR170-404, LR170-404B, LR170-404C, LR170-421, LR170-421B

OD 83.80, **Bore dia.** 17.00, **Width** 22.60, **Depth** 9.50, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



136155 Pulley

Replacing: I150-45001

Servicing: LR150-136B, LR150-136C, LR150-136E, LR150-201, LR150-201B, LR150-205, LR150-205B, LR150-434, LR150-434B, Ir150-441

OD 82.10, **Bore dia.** 17.00, **Width** 26.20, **Depth** 13.50, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1



136156 Pulley

Replacing: I150-85004

Servicing: LR150-401, LR150-401C, LR150-402, LR150-402C, LR160-401, LR160-401C

OD 84.05, **Bore dia.** 17.00, **Width** 21.15, **Depth** 7.00, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1

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136157 Pulley

Replacing: I160-25004

Servicing: LR160-426E, LR160-427C, LR160-436, LR170-407E, LR170-408C, LR170-412, LR170-413, LR235-403E, LR235-404C, LR235-405

OD 79.50, **Bore dia.** 17.00, **Dist./ back** 5.30, **Width** 34.80, **Depth** 20.00, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2
For short shaft.



136159 Pulley

Replacing: I160-75004

Servicing: LR150-428T, LR150-443T, LR160-426S, LR160-426T, LR160-427, LR160-427S, LR160-427T, LR160-436S, LR160-436T, LR160-437S

OD 79.00, **Bore dia.** 17.00, **Dist./ back** 5.80, **Width** 36.90, **Depth** 15.00, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2
For long shaft.



136160# Pulley

Replacing: I165-1500

Servicing: LR165-704, LR165-704B

OD 55.10, **Bore dia.** 17.00, **Dist./ back** 6.30, **Width** 23.50, **Depth** 8.00, **Pulley type** SP, **Grooves** 4



136959 Pulley

Replacing: I180g-4500

Servicing: Ir180-738, Ir180-738b, Ir180-746, LR190-719, LR190-719B, Ir190-722, Ir190-722b

OD 69.50,
Bore dia. 17.00, **Dist./ back** 6.90,
Width 26.10, **Depth** 15.40,
Pulley type SP, **Grooves** 5



136961 Pulley

Replacing: I170-55002

Servicing: LR170-732, LR170-732B, LR170-732C, LR235-401

OD 54.75, **Bore dia.** 17.00, **Dist./ back** 4.20, **Width** 31.00, **Depth** 21.00,
Pulley type SP, **Grooves** 5



137941 Pulley

Replacing: I170-65002

Servicing: LR160-724, LR170-734, LR170-734B, LR170-739, LR170-739B

OD 77.00, **Bore dia.** 17.00, **Dist./ back** 9.20, **Width** 21.00, **Depth** 9.50, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



138372 Pulley

Replacing: I170g-45002, I1100g-2500, I1100g-2200

Servicing: LR1100-501, LR1100-501B, LR170-505, LR170-505B, LR170-511, LR170-511B

OD 80.00, **Bore dia.** 17.00, **Width** 19.00, **Depth** 3.40, **Belt type** B=12.5,
Pulley type P, **Grooves** 1



138720 Pulley

Replacing: I1110g-1810

Servicing: LR1100-703, LR1100-703B, LR1100-704, LR1100-704B, LR1100-704E, LR1100-711, LR1100-711B, LR1100-716, LR1100-716C

OD 63.00, **Bore dia.** 17.00, **Dist./ back** 6.50, **Width** 30.00, **Depth** 18.70,
Pulley type SP, **Grooves** 6



138735 Pulley

Replacing: I170g-85001

Servicing: LR165-711, LR165-711B, LR165-719, LR170-743, LR170-746, LR170-746B, LR170-746C, LR170-746E, LR170-746F, LR170-746G

OD 59.80, **Bore dia.** 17.00, **Width** 21.70, **Depth** 11.20, **Pulley type** SP, **Grooves** 4



139243# Pulley

Replacing: I170-15003

Servicing: LR170-406B, LR170-406C, LR170-406F, LR170-414B

OD 94.00, **Bore dia.** 17.00, **Width** 23.25, **Depth** 10.00, **Belt type** C=17.5,
Pulley type P, **Grooves** 1



139308 Pulley

Replacing: I150g-1500

Servicing: LR140-433, LR140-433B, LR150-421, LR150-421C, LR150-441C, LR150-441E, LR150-444B, LR150-446, LR150-448, LR150-449

OD 82.00, **Bore dia.** 17.00, **Width** 27.00, **Depth** 14.00, **Belt type** C=17.5,
Pulley type P, **Grooves** 1



139309 Pulley

Replacing: I150-55005

Servicing: LR140-410BA, LR140-410F, LR140-410G, LR140-411BA, LR140-411F, LR140-411G, LR140-423, LR140-423F, LR140-423G, LR140-429B

OD 73.90, **Bore dia.** 17.00, **Wid th** 28.10, **Depth** 13.40, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1

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139666 Pulley

Replacing: I170-75002

Servicing: LR165-708, LR165-708B, LR165-708C, LR165-708E, LR170-738, LR170-738B, LR170-738C, LR170-738E, LR170-764, LR180-730

OD 59.50, **Bore dia.** 17.00, **Dist./ back** 8.20, **Width** 24.80, **Depth** 14.00,
Pulley type SP, **Grooves** 4



230289 Pulley

Servicing: LR150-135, Ir150-135e, LR150-147B, Ir150-147c, Ir150-162, LR150-192, Ir150-193, LR150-202, Ir150-203, LR150-204

OD 80.50, **Bore dia.** 17.00, **Width** 18.00, **Depth** 10.60, **Belt type** B=12.5,
Pulley type P, **Grooves** 1
Part of HC-CARGO 231519 (I150-55001).



230720 Pulley

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, LR1100-502F, LR1100-502G, LR1100-502H, LR1100-502J

OD 60.00, **Bore dia.** 17.00, **Width** 31.20, **Depth** 10.15, **Pulley type** SP, **Grooves** 6



230955 Pulley

Replacing: I190g-25001

Servicing: LR1100-710, LR1100-710B, LR1100-710C, LR180-749, LR180-749B, LR180-749C, LR180-749E, LR190-734, LR190-734B, LR190-734C

OD 84.00, **Bore dia.** 17.00, **Dist./ back** 6.70, **Width** 27.00, **Depth** 16.30,
Belt type B=12.5, **Pulley type** P, **Grooves** 1



230991 Pulley

Replacing: I165g-2500

Servicing: Ir165-709, LR165-709B, LR165-712, LR170-758, LR170-759, LR180-766

OD 54.80, **Bore dia.** 17.00, **Dist./ back** 6.65, **Width** 24.60, **Depth** 12.30,
Pulley type SP, **Grooves** 4



231108 Pulley

Replacing: I215-25004

Servicing: LR135-125, LR135-127, LR220-23, LR220-27, LR220-27B, LR225-27B

OD 82.00, **Bore dia.** 15.00, **Width** 23.90, **Depth** 11.40, **Belt type** C=17.5,
Pulley type P, **Grooves** 1



231114 Pulley

Replacing: I170g-1501

Servicing: LR160-728, LR160-728B, LR160-728C, LR160-728E, LR160-728F, LR170-749B, LR170-749C, LR170-749E, LR170-749F, LR235-707

OD 84.10,
Bore dia. 17.00, **Dist./ back** 6.30, **Width** 44.60, **Depth** 33.80,
Belt type B=12.5, **Pulley type** DP, **Grooves** 2



233537 Pulley

Servicing: Ir180-762, LR180-762B, LR180-768

OD 59.40, **Bore dia.** 17.00,
Dist./ back 5.80, **Width** 29.00,
Depth 18.90, **Pulley type** SP, **Grooves** 6



236550 Pulley

Replacing: I170g-45003

Servicing: LR165-714, LR170-768

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 7.20, **Width** 29.00, **Depth** 18.00,
Pulley type SP, **Grooves** 6



239351# Pulley

OD 74.00, **Bore dia.** 17.00, **Dist./ back** 6.70, **Width** 17.80, **Depth** 6.20,
Belt type A=9.5, **Pulley type** P, **Grooves** 1

Freewheel Pulleys



230293 Freewheel Pulley

Replacing: GD214998

Servicing: LR1120-701

Thread size M16-1.50, **OD** 55.90, **Bore dia.** 17.00, **Dist./ back** 0.35, **Width** 40.80, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 332317



230521 Freewheel Pulley

Replacing: I170g-25003, gd215541

Servicing: LR1130-702, LR1130-702B, LR1130-702C, LR160-745, LR170-761B, LR180-771B, LR190-745, LR190-752, LR190-752B

Thread size M16-1.50, **OD** 59.70, **Bore dia.** 17.00, **Dist./ back** 5.20, **Width** 39.00, **Pulley type** SP/FW, **Grooves** 7
Pulley tool: HC-CARGO 210843.
Alternative no.: 332299

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233989 Freewheel Pulley HC-CARGO

Replacing: I1110g-7500, I1110g-25001, gd216099, gd216009-2, gd216009, 23151-6n20a

Servicing: Ir1100-734, LR1110-713, Ir1110-713b, LR1110-713V, LR1110-717

Thread size M16-1.50, **OD** 52.15, **Bore dia.** 17.00, **Dist./ back** 5.31, **Width** 40.15, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



237263 Freewheel Pulley

Replacing: gd217756

Thread size M16-1.50, **OD** 56.00, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 34.80, **Pulley type** SP/FW, **Grooves** 7

Pulley tool: HC-CARGO 210843.



238690 Freewheel Pulley

Replacing: gd218089

Servicing: Ir1100-503, LR1100-503A, LR1100-503B, LR1100-503C, LR1100-503E, LR1100-503F, LR1100-507, LR1100-507B, LR1100-507C

Thread size M16-1.50, **OD** 59.59, **Bore dia.** 17.00, **Dist./ back** 5.51, **Width** 39.07, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332314



332299 Freewheel Pulley HC-CARGO

Replacing: I170g-25003, gd215541

Servicing: LR190-752, LR190-752B

Thread size M16-1.50, **OD** 59.00, **Bore dia.** 17.00, **Dist./ back** 2.70, **Width** 40.20, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 7

Pulley tool: HC-CARGO 210843.

Alternative no.: 230521



332314 Freewheel Pulley HC-CARGO

Replacing: gd218089

Servicing: LR1100-503A, LR1100-503B, LR1100-503C, LR1100-503E, LR1100-503F, LR1100-507, LR1100-507B, LR1100-507C, LR1100-508

Thread size M16-1.50, **OD** 59.60, **Bore dia.** 17.00, **Dist./ back** 5.20, **Width** 42.40, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 238690



332317 Freewheel Pulley HC-CARGO

Replacing: GD214998

Servicing: Ir1120-701

Thread size M16-1.50, **OD** 55.90, **Bore dia.** 17.00, **Dist./ back** 0.85, **Width** 42.80, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 230293



333604 Freewheel Pulley

Replacing: I1110g-25001, gd216099, gd216009-2, gd216009, 23151-6n20a

Thread size M16-1.50, **OD** 52.17, **Bore dia.** 17.00, **Width** 40.60, **Pulley type** SP/FW, **Grooves** 6

Pulley Parts

Spacers

Pkg. 5



136238 Spacer for Pulley

Servicing: LR140-402, LR150-190, LR150-191, LR150-410, LR150-410B, LR150-410C, LR150-410CA, LR150-419, LR150-419B, LR150-419BA

ID 17.00, **OD** 22.00, **Height** 9.00

Tools



210843 Combi Tool

Replacing: 210843

Servicing: Bosch Alternators

33 teeth combi tool for the disassembly and assembly of the free wheel pulley. XZN 10x110 mm, w/ 1/2" socket and 22 mm hexagon.



210948 Combi Tool

Replacing: 210948

Servicing: Audi, VW, MB, SEAT, Skoda

33 teeth combi tool for the disassembly and assembly of the free wheel pulley, XZN 10x135 mm, w/ 1/2" socket and 22 mm hexagon.

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Vacuum Pumps



231418[#] Vacuum Pump

Replacing: vp25a-79005, vp25a-39005, vp25-59008

Servicing: LR140-427, LR150-421, LR150-421C, Ir150-434, LR150-434B, Ir150-441, LR160-419, LR225-408B, LR225-408C, LR225-408E

Splines/ rotor 16, **Splines/ shaft** 16



231419 Vacuum Pump

Replacing: vp25a-79003

Servicing: LR140-419T, LR150-430C, LR150-430T, LR150-435, LR150-435T, LR160-427, LR160-427C, LR160-427T, LR170-405, LR170-407

Splines/ rotor 16, **Splines/ shaft** 16



231974 Vacuum Pump

Replacing: vp30g-19003, vp25a-59007

Servicing: LR170-402C, LR170-417B, LR170-417C, LR170-417E, LR170-417F, LR170-424B, LR170-502B, Ir170-502c, LR170-502P, LR170-502Q

Splines/ rotor 8, **Splines/ shaft** 8



234849 Vacuum Pump

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, Ir1100-502f, Ir1100-502g, LR1100-502H, Ir1100-502j

Splines/ rotor 8, **Splines/ shaft** 8



235170 Vacuum Pump

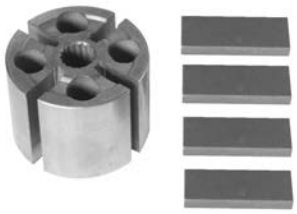
Replacing: vp30g-49003

Servicing: LR170-505, Ir170-505b, LR170-511, LR170-511B

Splines/ rotor 6, **Splines/ shaft** 6

Vacuum Pump Parts

Rotors



134394 Rotor for Vacuum Pump

Replacing: vp50-1930

Servicing: LR140-402, LR140-408, LR140-415, LR140-415B, LR140-422E, LR140-422T, LR150-403, LR150-423, LR150-425B, LR150-428E

OD 52.20, **Height** 39.00, **No./ splines** 16



136904 Rotor for Vacuum Pump

Replacing: vp30g-2930, vp30-3930, vp25-49302

Servicing: LR1100-501, LR1100-501B, LR140-410F, LR140-410G, LR140-411F, LR140-411G, LR140-423F, LR140-423G, LR140-433, LR140-433B

OD 49.15, **Height** 25.00, **No./ splines** 8



139053 Rotor for Vacuum Pump

Replacing: vp30g-1930

Servicing: LR140-410, LR140-410B, LR140-410BA, LR140-410F, LR140-410G, LR140-411, LR140-411B, LR140-411F, LR140-411G, LR140-423

OD 49.30, **Height** 25.00, **No./ splines** 8



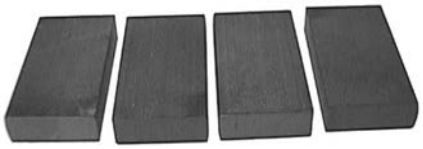
139964 Rotor for Vacuum Pump

Replacing: vp25-79301, vp25-29301, vp25-19303, vp25-19301

Servicing: LR140-119, LR140-119C, LR140-124C, LR140-125B, LR140-125C, LR140-130B, LR140-130P, LR140-406, Ir140-411ba, LR150-135

OD 49.45, **Height** 25.00, **No./ splines** 16

Vane Sets

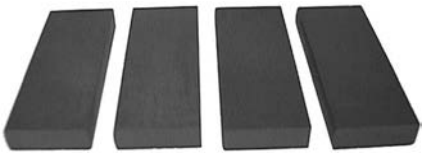


133277 Vane Set

Replacing: vp25-19103, vp25-19101

Servicing: LR1100-501, LR1100-501B, LR140-119, LR140-119C, LR140-124C, LR140-125B, LR140-125C, LR140-130B, LR140-130P, LR140-406

Length 25.00, **Height** 5.00, **Width** 13.80

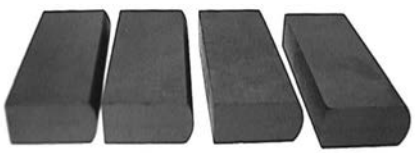


133279 Vane Set

Replacing: vp50-1910, vp050g-1910

Servicing: LR140-402, LR140-408, LR140-415, LR140-415B, LR140-422E, LR140-422T, LR150-403, LR150-423, LR150-423B, LR150-425B

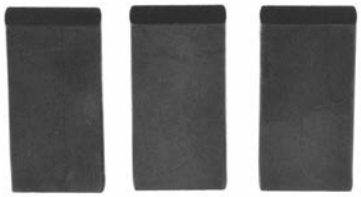
Length 38.95, **Height** 4.95, **Width** 15.35



133813 Vane Set

Replacing: 2933b-56010

Length 35.20, **Height** 7.10, **Width** 13.50



231379 Vane Set

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, LR1100-502F, LR1100-502G, LR1100-502H, LR1100-502J

Length 31.00, **Height** 4.90, **Width** 14.40

Hose Nipples

Pkg. 5



080875 Hose Nipple

Replacing: 3062-1231

Servicing: LR140-433, LR140-433B, LR150-421C, LR150-434B, LR150-441C, LR150-444B, LR150-446, LR150-448, LR150-449, LR150-449B

Thread M16-1.50, **Hose ID** 11.00

Various

Pkg. 10



080253 Hollow Screw

Replacing: 080253

Thread M10-1.50, **Hole size** 4.00, **Type** Ordinary

Pkg. 10



080256 Hollow Screw

Replacing: 080256

Servicing: LR150-401, LR150-402, Ir160-401, Ir160-412f, Ir160-412g, Ir160-440f, Ir160-441f, LR235-402

Thread M16-1.50, **Hole size** 9.00, **Type** Ordinary



135129 Valve Set

Replacing: vp25-9947, vp25-59471

Servicing: LR160-414, LR160-417, LR170-405, LR170-417B, LR170-417C, LR170-417E, LR170-417F, LR170-502B, LR170-502C, LR170-502P

Length 48.60



135130 Valve Set

Replacing: vp50g-1947, vp25-29471

Servicing: LR140-119, LR140-119C, LR140-130B, LR140-130P, LR140-402, LR140-410, LR140-410B, LR140-410BA, LR140-410F, LR140-410G

Length 44.45



135131 Valve Set

Replacing: vp25-39471

Servicing: LR140-415, LR140-415B, LR140-419T, LR140-422E, LR140-422T, LR150-425B, LR150-428E, LR150-428S, LR150-428T, LR150-430C

Length 48.10



135453 Ring Nipple

Replacing: vp25-69622, vp25-59623, vp25-49624

Servicing: LR140-415, LR140-415B, LR140-419T, LR140-422E, LR140-422T, LR150-425B, LR150-428E, LR150-428S, LR150-428T, LR150-430C

ID 18.20, **OD** 28.10, **Height** 7.30

Pkg. 5



136873 Hollow Screw

Replacing: vp25-69471

Servicing: LR1100-501, LR1100-501B, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F, LR1100-502G

Thread size M16, **Length** 29.40, **Thread length** 6.85/8.50

Pkg. 5



136874# Ring Nipple

Replacing: vp25-99624

Servicing: LR150-434, LR150-434B, Ir150-441, LR150-444B, LR150-446, LR150-448, LR160-446, LR160-446B, LR160-446C, LR160-446E

ID 18.00, **OD** 28.00, **Height** 15.90

Pkg. 100



190806 Sealing Ring

Replacing: b-424588, 2116-1131

Servicing: 23099-Z5562, LR1100-507, LR1100-507B, LR1100-507C, LR1100-508, LR1100-508B, LR1100-508C, LR1100-508E, LR1100-508F

ID 10.30, **OD** 16.00, **Thickness** 1.00, **Material** Copper, **DIN norm** 7603

Pkg. 100



190818 Sealing Ring

Replacing: 2116-1502, 2116-1501

Servicing: LR140-119, LR140-119C, LR140-124C, LR140-125B, LR140-125C, LR140-130B, LR140-130P, LR140-402, LR140-406, LR140-408

ID 16.00, **OD** 22.00, **Thickness** 1.50, **Material** Copper, **DIN norm** 7603

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.

Pkg. 100



190820 Sealing Ring

Replacing: b-424590, 2116-1491

Servicing: 23099-Z5562, LR1100-503, LR1100-503A, LR1100-503B, LR1100-503C, LR1100-503E, LR1100-503F, LR1100-507, LR1100-507B

ID 18.00, **OD** 24.00, **Thickness** 1.50, **Material** Copper, **DIN norm** 7603

Pkg. 100



191358 Sealing Ring

Replacing: b-437057, 2116-1511

Servicing: 23099-Z5562, LR140-119, LR140-119C, LR140-124C, LR140-125B, LR140-125C, LR140-130B, LR140-130P, LR140-402, LR140-406

ID 12.00, **OD** 24.00, **Thickness** 1.00, **Material** Copper, **DIN norm** 7603

Pkg. 100



191489 Sealing Ring

Replacing: 191489

ID 16.00, **OD** 24.00, **Thickness** 1.50, **Material** Copper, **DIN norm** 7603



233817 Valve

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, Ir1100-502f, Ir1100-502g, LR1100-502H, Ir1100-502j

Thread size M18, **Length** 30.90, **Thread length** 15.00

Repair Kits



231063 Repair Kit

Servicing: LR170-420



231064 Repair Kit

Servicing: LR170-505, -505B, Ir170-505b



233874 Repair Kit

Servicing: Ir170-420

Terminals

Pkg. 5



135277 Terminal Kit

Replacing: I170-4310, I170-1310

Servicing: LR170-732, LR170-732B, Ir170-732c

Thread size M6, **Total length** 42.30, **Thread length** 10.85



135346# Terminal Kit

Replacing: I170-2310

Servicing: LR160-724, LR170-741, LR180-725, LR180-725C, LR180-725E, LR180-736B, LR180-737B, LR180-737C

Pkg. 5



138724 Terminal Kit

Replacing: I190g-4310, I180g-2310

Servicing: LR1100-703, LR1100-703B, LR1100-711, LR1100-711B, LR1100-714, LR1100-715, LR1100-716, LR1100-716C, LR1100-716E

Thread size M8, **Total length** 53.25, **Thread length** 13.65

Sundry Parts

Insulators

Pkg. 10



134663 Insulator

Servicing: LR140-415, LR140-415B, LR145-701GA, LR145-701GB, LR150-111, LR150-151, LR150-151B, LR150-199, LR150-200, LR150-31

ID 6.00, **OD** 17.55, **Height** 7.45

Pkg. 10



134672 Insulator

Servicing: LR145-710, LR150-428E, LR150-430C, LR150-430S, LR150-430T, LR150-435, LR150-435T, LR150-98E, LR160-107, LR160-107B

ID 6.35, **OD** 21.70, **Height** 12.10

Pkg. 5



135094 Insulator

Replacing: I190g-2310, I170g-5310

Servicing: LR160-451D, LR160-452D, LR165-707, LR165-707B, LR165-708, LR165-708B, LR165-708C, LR170-402C, LR170-424B, LR170-502B

ID 6.50, **OD** 21.90, **Height** 14.90

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



136767 Insulator

Servicing: I180g-1330

Pkg. 5



137210 Insulator

Servicing: LR160-723, LR160-723B, Ir160-724, Ir180-725, Ir180-725b, Ir180-725c, Ir180-725e

Part of terminal kit: HC-CARGO 135346.

Pkg. 5



230033 Insulator

Servicing: LR1120-701, LR1130-702, LR1130-702B, LR1130-702C, LR160-728, LR160-728B, LR160-728C, LR160-728E, LR160-728F, LR165-711

ID 8.55, **OD** 27.50, **Height** 11.48, **Rubber** w/o

Pkg. 5



230034 Insulator

Servicing: Ir1100-501, Ir1100-501b, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F, LR1100-502G

ID 8.00, **OD** 28.00

Pkg. 5



230036 Insulator

Replacing: 230035

Servicing: LR1100-501, LR1100-501B, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F, LR1100-502G

ID 9.00, **OD** 15.80, **Height** 6.70

Pkg. 5



230403 Insulator

Servicing: LR150-428E, LR150-428T, LR150-430C, LR150-430S, LR150-430T, LR150-435, LR150-435T, LR150-443T, LR150-98E, LR160-107

ID 6.23, **OD** 22.10, **OD/ collar** 8.16, **Length** 9.35, **Height/ collar** 2.80

Pkg. 5



230404 Insulator

Servicing: LR140-119, LR140-119C, LR140-130B, LR140-402, LR150-410, LR150-410B, LR150-410C, LR150-410CA, LR150-410F, LR150-410G

ID 6.30, **OD** 16.80, **Height** 3.40

Pkg. 5



233299 Insulator

Servicing: LR150-434, LR150-434B, LR150-441, LR160-707, LR160-708, LR170-22, Ir170-701b, Ir170-702b, Ir170-713, Ir170-717

ID 6.20, **OD** 21.90, **Height** 10.35

Pkg. 5



233300 Insulator

Servicing: Ir120-15, Ir120-23, Ir125-34, Ir135-115, Ir135-127, Ir135-128, Ir135-61b, Ir135-95, Ir150-125b, LR150-133B, LR150-133C

ID 6.00

Part of terminal kit: HC-CARGO 139277.

Pkg. 5



233302# Insulator

Replacing: GD318443-1

Servicing: LR1100-709B, Ir1100-711b, Ir1100-716, Ir170-727, LR170-757B, Ir170-758, LR180-509, Ir180-741h, LR180-742, Ir180-744

ID 8.30, **OD** 18.00, **Height** 12.40

Pkg. 5



233303 Insulator

Replacing: GD318442-1

Servicing: Ir1110-705, Ir1110-705b, LR1110-705F, Ir1110-709, Ir1110-709b, Ir1125-702, Ir1125-702b, Ir1125-702f, Ir160-727

ID 8.00, **OD** 27.00

Terminals



133251# Terminal Switch

Thread size M6, **Total length** 60.00



137940 Terminal Kit

Replacing: I150-33103

Servicing: LR170-417B, LR170-417C, LR170-417E, LR170-417F, LR170-502P, LR170-502Q

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#Available while stock last, * Program development.

Terminal Plugs



134996 Coupler

Plug Adaptor
2P-2P Coupler.



134999 Coupler



135000 Coupler

4P-3P coupler.



135230 Plug Extension

Colour Green/yellow, **No./ wires** 2



135753# Plug

Pkg. 5



232778 Conversion Plug

Plug Male
w/ wire.



234061# Adaptor

Replacing: I150-8360, I150-63601

Servicing: LR150-135, LR150-135E, LR150-136B, LR150-136C, LR150-136E, LR150-147B, LR150-147C, LR150-162, LR150-192, LR150-201

Thru Bolts

Pkg. 20



191528 Through Bolt

Replacing: I160-5801, I160-3801, I150-28011

Servicing: LR140-130P, LR140-402, LR140-406, LR140-408, LR140-410, LR140-410B, LR140-410BA, LR140-410F, LR140-410G, LR140-411

Thread M5, **Length** 95.00, **Thread length** 30.00, **Head type** Cheese head, **Screw type** Pozidriv

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Pkg. 20



191584 Through Bolt

Replacing: 2114-58005

Servicing: S114-254B, s114-254c, S114-254D, S114-255A, S114-257, S114-257G, S114-257H, s114-264, S114-268, S114-320, S114-338

Thread M5, **Length** 125.00, **Thread length** 60.00, **Head type** Cheese head, **Screw type** Pozidriv

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Pkg. 4



231306 Through Bolt

Replacing: I150-18015

Servicing: 23099-Z5562, 897138179, LR1100-501, LR1100-501B, LR125-37, LR125-40, LR125-40B, LR140-119, LR140-119C, LR140-130B

Thread size M5, **Total length** 79.80, **Length/ rear collar** 76.70, **Thread length** 24.80

Pkg. 4



231355 Through Bolt

Replacing: I125-6801, I125-4801

Servicing: LR1100-503, LR1100-503A, LR1100-503B, LR1100-503C, LR1100-503E, LR1100-503F, LR1100-507, LR1100-507B, LR1100-507C

Thread size M5, **Total length** 72.60, **Length/ rear collar** 69.40, **Thread length** 31.00

Nuts

Pkg. 200



191307 Hex Flange Nut

Replacing: I170-2910, b354-144

Servicing: CS121, -130, LR155-23, LR160-124, LR160-139, LR165-708B, LR165-708C, LR165-708E, LR170-732B, LR170-732C, LR170-734B

Thread M5-0.8, **Spanner size** 8.00
Alternative no.: B191307

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Oil Seals

Pkg. 5



132297 Oil Seal

Replacing: I150m-29221, I150m-19221

Servicing: 23099-Z5562, LR140-119, LR140-119C, LR140-124C, LR140-125B, LR140-125C, LR140-130B, LR140-130P, LR140-402, LR140-406

ID 14.80, **OD** 32.15, **Height** 6.55

Pkg. 5



132661 Oil Seal

Replacing: I150-5922, I150-1922

Servicing: LR1100-501, Ir1100-501b, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, Ir1100-502f, Ir1100-502g

ID 15.00, **OD** 32.00, **Height** 7.50

Twin oil seal.

Pkg. 5



138369 Oil Seal

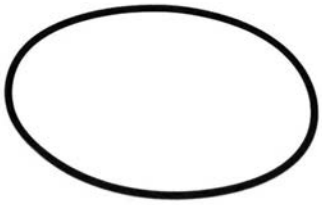
Replacing: I150-2922

Servicing: LR155-502B, LR155-502C, LR155-502E, LR155-503, LR155-504, LR170-505, LR170-505B, LR170-506, LR170-506B

ID 11.00, **OD** 28.00, **Height** 7.50

O-rings

Pkg. 5



132659 O-ring

Replacing: 2084-0631

Servicing: LR1100-501, LR1100-501B, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F, LR1100-502G

ID 61.00, **Thickness** 2.00,
Material Synthetic rubber

Pkg. 5



132660 O-ring

Replacing: vp25-1915, 2084-0641

Servicing: 23099-Z5562, LR140-119, LR140-119C, LR140-124C, LR140-125B, LR140-125C, LR140-130B, LR140-130P, LR140-402, LR140-406

ID 25.00, **Thickness** 2.00

Pkg. 10



134490 O-ring

Replacing: vp50-1915

Servicing: LR140-402, LR140-408, LR140-415, LR140-415B, LR140-422E, LR140-422T, LR150-403, LR150-423, LR150-423B, LR150-425B

ID 62.00, **Thickness** 2.00

Various



135345[#] Disc

Replacing: I190-1350

Servicing: LR170-713, LR170-721, LR170-721B, LR190-702B, LR190-702C, LR190-703B, LR190-704, LR190-704B, LR190-708, LR190-708C

OD 130.80, **Thickness** 4.00,
Material Plastic



136027 Disc

Replacing: I170-4350

Servicing: LR165-704B, LR165-707, LR165-707B

OD 113.00

Pkg. 10



136304[#] Insulator for Diode Trio

ID/ mount. hole 9.10, **OD** 91.40,
Dist./ mount. holes 74.55

Pkg. 10



136331 Insulator for Diode Trio

Servicing: LR160-715, LR165-707, LR165-707B, LR170-715, LR170-715B

ID/ mount. hole 6.00, **OD** 95.40,
Dist./ mount. holes 68.85

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[#]Available while stock last, ***** Program development.



138742 Disc

Replacing: I170g-3350

Servicing: LR1100-501, LR1100-501B, LR170-501C, LR170-502B, LR170-502C, LR170-503, LR170-504, LR170-504B, LR190-501C, LR190-501E

ID 66.50, **OD** 127.22, **Thickness** 14.80, **No./ mount. holes** 6, **Gasket** w/o



138805# Connection

Servicing: LR160-426E, LR160-426S, LR160-426T, LR160-427, LR160-427S, LR160-427T, LR170-407E, LR170-407S, LR170-407T, Ir170-408c

Mount hole 7.50, **Total length** 52.50



139304 Disc

Replacing: I170-3550, I170-3350

Servicing: LR170-714, LR170-715, LR170-715B, LR170-716, LR170-716B, LR170-717, LR170-719, LR170-719B, LR180-711B, LR180-711E

OD 113.00



230282 Disc

Servicing: Ir170-505, Ir170-505b

ID 36.95, **OD** 113.80, **Thickness** 15.70, **Material** Plastic

Pkg. 10



231566 Protecting Cap

Servicing: LR160-724, LR170-741, Ir180-725, LR180-725E, LR180-736B, LR180-737C

B+.



231619# Disc

Replacing: I140-2355

Servicing: LR140-703, LR140-704, LR140-705, LR140-713, LR140-714, LR140-714B, LR140-719, LR145-701GA, LR145-701GB, LR145-702

ID 63.50, **OD** 100.00, **Thickness** 3.00, **Dist. mount. holes** 4.00, **No./ mount. holes** 3



234264 Disc

Servicing: LR1100-724, LR1100-724B, LR1100-725, LR1100-725B, LR1100-725C, LR1110-709B, LR1110-713, LR1110-713B, LR1110-713C

ID 31.10, **OD** 128.55, **Material** Plastic



234837 Disc

Replacing: I180g-1350

Servicing: Ir180-501, LR180-501B, Ir180-501c

ID 78.00, **OD** 130.00, **Thickness** 17.10



234963 Disc

Servicing: LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, Ir1100-502e, Ir1100-502f, Ir1100-502g, LR1100-502H, Ir1100-502j

ID 38.00, **OD** 130.00, **Thickness** 14.15



235016 Disc

Servicing: Ir1100-703, LR1100-703B, Ir1100-711, Ir1100-711b, Ir1100-725b, LR1110-705, LR1110-705B, LR1110-709, LR1110-723B

ID 31.00, **OD** 128.90, **Thickness** 14.60



235174 Disc

Servicing: Ir160-728e, LR160-728F, Ir165-714, Ir170-764, LR170-768, Ir180-762, LR180-762B, Ir180-768, LR190-747, LR190-752

ID 30.00, **OD** 114.50

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Rotors

14 Volt



131640 Rotor

Replacing: 16.360.328

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 140.00



131958 Rotor

Replacing: 16.360.331

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 154.00



132338 Rotor

Replacing: 16.905.255

Servicing: A108, 11.201.017, 11.201.027, 11.201.037, 11.201.062, 11.201.372, 11.201.783, AAG0402, AAG0403, AAG1104, AAG1130

12 **V**, 33 **Amp**, **Thread size** M14-1.50, **OD** 73.00, **Shaft dia.** 17.00, **Total length** 155.00, **Rotation** CR



132340 Rotor

Replacing: 16.906.273, 16.905.223

Servicing: 11.201.026, 11.201.027, 11.201.030, 11.201.036, 11.201.037, 11.201.038, 11.201.096, 11.201.115, 11.201.116, 11.201.248

14 **V**, 33 **Amp**, **Thread size** M16-1.50, **OD** 73.40, **Shaft dia.** 17.00, **Total length** 147.00, **Rotation** CR



231397 Rotor

Replacing: 16.906.845, 16.905.841

Servicing: 11.201.219, 11.201.276, 11.201.325, 11.201.326, 11.201.329, 11.201.330, 11.201.331, 11.201.332, 11.201.334, 11.201.357

14 **V**, 65 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 155.00, **Rotation** CR



231473 Rotor

Replacing: 16.360.812

Servicing: 11.201.598, 11.201.667, 11.201.670, 11.201.758, AAK5112, aak5115, aak5117, AAK5132

14 **V**, 75/85/95 **Amp**, **Thread size** M16-1.50, **OD** 93.45, **Shaft dia.** 17.00, **Total length** 155.00, **Rotation** CR



234938 Rotor

Replacing: 16.361.303

Servicing: 11.201.498, 11.201.738, 11.201.830, aak5105, aak5125, AAK5157

14 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 93.35, **Shaft dia.** 17.00, **Total length** 155.00, **Rotation** CR



236703 Rotor

Replacing: 16.362.905, 16.361.637

Servicing: 11.201.727, 11.201.875, 11.201.881, 11.201.963, 11.201.989, 11.203.015, 11.203.016, 11.203.098, 11.203.166, AAK5123

14 **V**, 95 **Amp**, **Thread size** M16-1.50, **OD** 93.30, **Shaft dia.** 17.00, **Total length** 160.90, **Rotation** CR

28 Volt



130092 Rotor

Replacing: 16.360.551

28 **V**, 35 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 159.00



131073 Rotor

Replacing: 16.360.474

28 **V**, 45 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 159.00, **Rotation** CR



132348 Rotor

Replacing: 16.360.332

28 **V**, 27 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 147.50, **Rotation** CR



132349 Rotor

Replacing: 16.360.585

28 **V**, 35 **Amp**, **Thread size** M16-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 165.50

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Available while stock last, * Program development.



135996 Rotor

Replacing: 16.261.369

Servicing: 11.203.032

28 **V**, 120 **Amp**, **Thread size** M24-1.50, **OD** 125.20, **Shaft dia.** 30.00, **Total length** 247.50

Rotor Parts

Slip Rings

Pkg. 5



232854 Slip Ring

Servicing: 11.201.440, 11.201.498, 11.201.666, 11.201.675, 11.201.990, 11.203.016, 11.203.094, 11.203.098, AAK5102, AAK5105

ID 7.00, **OD** 15.70, **Total length** 52.00

Stators

14 Volt



130099 Stator

Replacing: 18.350.317, 16.350.317, 16.350.003, 16.350.001

Servicing: 11.201.017, 11.201.021, 11.201.026, 11.201.027, 11.201.030, 11.201.036, 11.201.037, 11.201.038, 11.201.062, 11.201.067

14 **V**, 33 **Amp**, **ID** 73.95, **OD** 107.90, **OD 2** 101.75, **Height** 20.00, **Terminals** 3



130100 Stator

Replacing: 16.350.040

14 **V**, 35 **Amp**, **ID** 89.50, **OD** 125.00, **OD 2** 117.50, **Height** 17.00, **Terminals** 3



130101 Stator

Replacing: 16.350.042, 16.350.025

Servicing: 11.201.060, 11.201.068, 11.201.071, 11.201.077, 11.201.078, 11.201.097, 11.201.102, 11.201.112, 11.201.132, 11.201.133

14 **V**, 55 **Amp**, **ID** 89.00, **OD** 125.00, **OD 2** 117.00, **Height** 23.60, **Terminals** 3



133081 Stator

Replacing: 16.350.092, 16.350.082, 16.350.070, 16.350.035

Servicing: 11.201.117, 11.201.122, 11.201.205, 11.201.211, 11.201.215, 11.201.219, 11.201.220, 11.201.222, 11.201.226, 11.201.245

14 **V**, 65 **Amp**, **ID** 89.20, **OD** 125.00, **OD 2** 117.50, **Height** 25.50, **Terminals** 3



231053 Stator

Replacing: 16.350.068

Servicing: 11.201.440, 11.201.498, 11.201.597, 11.201.668, 11.201.675, 11.201.738, 11.201.754, 11.201.758, 11.201.812, 11.201.830

14 **V**, 80 **Amp**, **ID** 93.74, **OD** 124.93, **OD 2** 119.96, **Height** 31.10, **Terminals** 6



231474 Stator

Replacing: 16.350.109

Servicing: 11.201.534, 11.201.666, 11.201.667, 11.201.744, 11.201.769, 11.201.790, 11.201.800, 11.201.889, 11.201.907, 11.201.971

14 **V**, 70/80/85 **Amp**, **ID** 93.80, **OD** 125.33, **OD 2** 119.39, **Height** 31.00, - **Terminals** 6



234948 Stator

Replacing: 16.350.129

Servicing: 11.201.727, 11.201.791, 11.201.815, 11.201.875, 11.201.881, 11.201.886, 11.201.889, 11.201.898, 11.201.963, 11.201.989

14 **V**, 95 **Amp**, **ID** 94.50, **OD** 125.00, **Height** 31.00, **Terminals** 6



235760# Stator

Replacing: 16.350.001

Servicing: 11.201.021, aag0702

14 **V**, 30 **Amp**, **ID** 73.86, **OD** 107.90, **OD 2** 102.60, **Height** 20.14, **Terminals** 3

28 Volt



130102 Stator

Replacing: 16.350.041

28 **V**, 27 **Amp**, **ID** 89.00, **OD** 125.00, **OD 2** 117.00, **Height** 17.10, **Terminals** 3



130105 Stator

Replacing: 16.350.083

28 **V**, 45 **Amp**, **ID** 89.45, **OD** 125.00, **OD 2** 117.00, **Height** 23.55, **Terminals** 3



130106 Stator

Replacing: 16.350.090

28 **V**, 35 **Amp**, **ID** 89.40, **OD** 125.00, **OD 2** 118.00, **Height** 23.50, **Terminals** 3



131457 Stator

Replacing: 16.350.043

28 **V**, 27 **Amp**, **ID** 88.90, **OD** 125.00, **Height** 17.90, **Terminals** 3



134731 Stator

Replacing: 16.350.085, 16.350.073

28 **V**, 95 **Amp**, **ID** 125.33, **OD** 166.00, **OD 2** 157.50, **Height** 44.05, **Terminals** 4

Brackets

D.E. Brackets



134397 D.E. Bracket

Replacing: 16.905.252

Servicing: 11.201.027, 11.201.038, 11.201.062, 11.201.096, 11.201.353, 11.201.372, aag1301, aag1302, aag1307, aag1311, AAG1315

Bearing: HC-CARGO 142269.



134398 D.E. Bracket

Replacing: 16.905.250

Servicing: 11.201.017, 11.201.030, 11.201.037, 11.201.127, 11.201.783, aag0403, aag1104, AAG1130

Bearing: HC-CARGO 142269.



231051 D.E. Bracket

Replacing: 16.908.664, 16.906.344

Servicing: 11.201.440, 11.201.597, 11.201.598, 11.201.666, 11.201.667, 11.201.670, 11.201.675, 11.201.758, 11.201.918, 11.201.955

Bearing: HC-CARGO 141233.



234939 D.E. Bracket

Replacing: 16.906.349

Servicing: 11.201.498, 11.201.668, 11.201.738, aak5105, aak5116, aak5125

Bearing: HC-CARGO 142269.

S.R.E. Brackets



134400 S.R.E. Bracket

Replacing: 16.130.165, 15.130.165

Servicing: 11.201.027, 11.201.038, 11.201.094, 11.201.095, 11.201.096, 11.201.116, 11.201.353, aag1301, aag1310, AAG1311, aag1315

ID/ bearing hole 22.00



231052 S.R.E. Bracket

Replacing: 16.906.348

Servicing: 11.201.440, 11.201.498, 11.201.597, 11.201.598, 11.201.666, 11.201.667, 11.201.668, 11.201.670, 11.201.675, 11.201.727

ID/ bearing hole 33.00

Bracket Parts

Mounting Brackets



139524 Mounting Bracket

Replacing: 16.905.736

Servicing: 11.201.068, 11.201.143, 11.201.272, 11.201.276, 11.201.301, 11.201.305, 11.201.528, 11.201.530, 11.201.531, 11.201.572

Mount hole 5.55, **ID** 12.75, **Thickness** 9.10, **Dist. mount. holes** 90.35



230281 Support Bracket

Replacing: 16.905.302

Servicing: 11.201.055, 11.201.070, 11.201.071, 11.201.075, 11.201.304, 11.201.306, 11.201.324, 11.201.325, 11.201.326, 11.201.327

Mount hole 5.55, **Mount. hole 2** 5.55, **ID** 12.25, **Thickness** 7.80, **Dist. mount. holes** 91.95

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Various

Pkg. 10



231484 Rubber Seal

Servicing: 11.201.440, 11.201.498, 11.201.666, 11.201.675, 11.203.016, 11.203.098, 16.201.666, AAK5102, AAK5105, AAK5114, AAK5118

Covers



231048 S.R.E. Cover

Replacing: 16.905.322

Servicing: 11.201.023, 11.201.042, 11.201.068, 11.201.071, 11.201.077, 11.201.078, 11.201.083, 11.201.101, 11.201.131, 11.201.132



231049 S.R.E. Cover

Replacing: 15.420.838

Servicing: 11.201.440, 11.201.498, 11.201.894, aak5102, aak5105



231475 S.R.E. Cover

Replacing: 15.421.124

Servicing: 11.201.597, 11.201.666, 11.201.667, 11.201.668, 11.201.675, 11.201.758, 11.201.800, 11.201.881, 11.201.886, 11.201.907



233702 S.R.E. Cover

Replacing: 16.420.271

Servicing: 11.201.347, 11.201.355, aak4167, aak4174



234949[#] S.R.E. Cover

Replacing: 15.421.377

Servicing: 11.201.534, 11.201.971, 11.203.040, 11.203.092, 11.203.093, 11.203.094, AAK5108, aak5358, aak5359, aak5360



234955 S.R.E. Cover

Replacing: 15.420.603

Servicing: 11.201.060, 11.201.094, 11.201.122, 11.201.145, 11.201.207, 11.201.208, 11.201.209, 11.201.210, 11.201.211, 11.201.214

Regulators

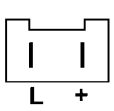
14 Volt



130613 Regulator

Replacing: aer3007, 11.125.110

14.7 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic





130657 Regulator

Replacing: 11.125.113

Servicing: 11.201.094, 11.201.198, 11.201.208, 11.201.262, 11.201.263, 11.201.370, 11.201.469, 11.201.476, 11.201.532, 11.201.535

14.5 **V setting**, **Dist. mount. holes** 55.30, **Regulator type** Electronic

For 6 diode alternators.

Alternative no.: 130657Z, B130957



130676 Regulator

Replacing: aer1503, 11.250.049, 11.125.198, 11.125.117, 11.125.049

Servicing: AA108, 11.201.017, 11.201.026, 11.201.027, 11.201.030, 11.201.036, 11.201.037, 11.201.038, 11.201.062, 11.201.067

14.7 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic

Alternative no.: 333253 5★, B130676



130958 Regulator

Replacing: 11.251.120, 11.125.094

Servicing: AAG1315

14.7 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic

Slip ring O.D. 28.00 mm.

Alternative no.: 333254 5★, B130958



131283 Regulator

Replacing: 11.125.097

Servicing: AA125R-14V-65A

14.7 **V setting**, **Dist. mount. holes** 65.00, **Regulator type** Electronic



131811 Regulator

Replacing: aer1535, aer1510, aer1508, aer1506, aer1406, aer1401, 16.905.323, 11.125.085, 11.125.065

14.7 **V setting**, **Dist. mount. holes** 63.75, **Regulator type** Electronic
Slip ring O.D. 32.00 mm.



134861 Regulator

Replacing: aer1543, 11.125.149

Servicing: 11.201.293, aak4127

14.2 **V setting**, **Dist. mount. holes** 63.20, **Regulator type** Electronic



139513 Regulator

Replacing: aer1528, aer1518, aer1517, aer1515, aer1514, 11.125.122, 11.125.100

Servicing: 11.201.060, 11.201.093, 11.201.112, 11.201.122, 11.201.145, 11.201.203, 11.201.204, 11.201.205, 11.201.207, 11.201.209

14.2 **V setting**, **Dist. mount. holes** 64.90, **Regulator type** Electronic

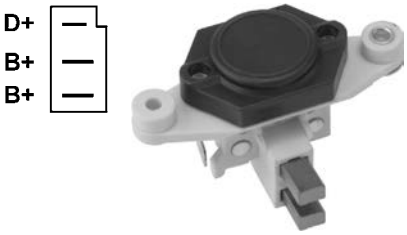


139514 Regulator

Replacing: aer1544, 11.125.151

Servicing: 11.201.347, 11.201.355, 11.201.375, aak4174, AAK4186

14.2 **V setting**, **Dist. mount. holes** 63.60, **Regulator type** Electronic



139515 Regulator

Replacing: aer1560, aer1505, 16.125.139, 11.125.199, 11.125.177, 11.125.139, 11.125.053

Servicing: 11.201.023, 11.201.042, 11.201.068, 11.201.070, 11.201.071, 11.201.077, 11.201.078, 11.201.083, 11.201.097, 11.201.101

14.7 **V setting**, **Dist. mount. holes** 63.90, **Regulator type** Electronic



231044 Regulator

Replacing: aer1613, aer1612, aer1606, 16.908.850, 16.906.481, 11.125.204, 11.125.202, 11.125.165

Servicing: 11.201.534, 11.201.597, 11.201.666, 11.201.667, 11.201.675, 11.201.758, 11.201.812, 11.201.971, 11.201.997, aak5114

14.2 **V setting**, **Dist. mount. holes** 55.00, **Regulator type** Electronic



231045 Regulator

Replacing: aer1811, aer1614, aer1603, 16.906.352, 11.125.208, 11.125.188, 11.125.124

Servicing: 11.201.440, 11.201.498, 11.201.534, 11.201.668, 11.201.675, 11.201.727, 11.201.738, 11.201.744, 11.201.754, 11.201.769

14.7 **V setting**, **Dist. mount. holes** 54.80, **Regulator type** Electronic



234648 Regulator

Replacing: 11.125.180, 11.125.157

Servicing: 11.201.723, 11.201.745, 11.201.832, 11.201.938, 11.203.104, aak1375, AAK1382, aak3301, aak3333, AAK3370, aak4564

14.2 **V setting**, **Dist. mount. holes** 63.10



234937 Regulator

Replacing: 16.915.238, 16.908.964, 11.125.292

Servicing: 11.203.110, 11.203.113, 11.203.114, 11.203.115, 11.203.116, 11.203.119, 11.203.164, 11.203.204, 11.203.248, 11.203.359

Dist. mount. holes 55.00, **Regulator type** Electronic



235542 Regulator

Servicing: 11.203.631

14.3 **V setting**, **Terminal type** L-DFM



236702 Regulator

Replacing: 16.908.866, 16.908.151, 11.125.218

Servicing: 11.201.675, 11.201.925, 11.203.016, 11.203.017, 11.203.094, 11.203.098, 11.203.099, aak5118, AAK5181, aak5315, AAK5316

Dist. mount. holes 54.95, **Regulator type** Electronic

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All measurements are in mm, unless else stated.
Available while stock last, * Program development.

333088* Regulator

Replacing: AER1553, 11.251.167

60 **Amp**



333253 5★ Regulator

Manufacturer: Bosch

Replacing: aer1503, 11.250.049, 11.125.198, 11.125.117, 11.125.049

Servicing: AA108

14.7 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic

Alternative no.: 130676



333254 5★ Regulator

Manufacturer: Bosch

Replacing: 11.251.120, 11.125.094

14.7 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic

Slip ring O.D. 28.00 mm.

Alternative no.: 130958, B130958

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28 Volt



130610 Regulator

Replacing: aer3001, 11.125.091

28.3 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic

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130960 Regulator

Replacing: 11.125.095

28.3 **V setting**, **Dist. mount. holes** 65.50, **Regulator type** Electronic

Slip ring O.D. 28.00 mm.



131340 Regulator

Replacing: 11.125.152

Servicing: 11.201.868, 11.203.085, AAT1303, AAT1318

28.8 **V setting**, **Dist. mount. holes** 64.00, **Regulator type** Electronic

Alternative no.: 333245 5★



132857 Regulator

Replacing: aer1511, aer1504, aer1404, 16.905.304, 11.125.176, 11.125.087, 11.125.047, 11.125.029

Servicing: 11.201.050, 11.201.052, 11.201.055, 11.201.066, 11.201.069, 11.201.087, 11.201.098, 11.201.107, 11.201.151, 11.201.162

28.3 **V setting**, **Dist. mount. holes** 63.00, **Regulator type** Electronic

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235509 Regulator

Replacing: aer1653, 16.908.762, 11.125.209



333245 5★ Regulator

Manufacturer: Bosch

Replacing: 11.125.152

28.8 **V setting**, **Dist. mount. holes** 64.00, **Regulator type** Electronic

Alternative no.: 131340



333319 Regulator

Replacing: AER1571, 11.125.179

Servicing: 11.201.665, 11.201.880, 11.201.936, 11.201.946, aak1356, aak3331

Dist. mount. holes 65.30, **Regulator type** Electronic

Brush Boxes



130697 Brush Box

Replacing: 18.420.175

14 **V**



130938 Brush Box

Replacing: 16.905.114

Servicing: 11.201.021, aag0702

14 **V**, **OD** 36.20

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Brush Box Parts

Brush Sets



142322 5★ Brush Set

Manufacturer: Bosch

Replacing: 16.770.114, 16.770.002

14/28 **V**, **Length** 19.50, **Lead length** 47.00, **Height** 8.00, **Thickness** 5.00

Alternative no.: BX2022



BX1822 Brush Set

Replacing: 16.770.164

14 **V**, **Length** 17.00, **Lead length** 38.00, **Height** 10.00, **Thickness** 5.00

Alternative no.: B182



BX2022 Brush Set

Replacing: 16.770.114, 16.770.002

14/28 **V**, **Length** 19.50, **Lead length** 47.00, **Height** 8.00, **Thickness** 5.00

Alternative no.: 142322 5★



JX322 Brush Set

Replacing: 16.770.134

Servicing: 11.201.017, 11.201.023, 11.201.026, 11.201.027, 11.201.030, 11.201.036, 11.201.037, 11.201.038, 11.201.042, 11.201.050

14/28 **V**, **Length** 14.50/15.50, **Lead length** 40.00, **Height** 8.00, **Thickness** 5.00



JX422 Brush Set

Replacing: 16.770.188

14 **V**, **Length** 126.00/17.50, **Lead length** 50.00, **Height** 7.20, **Thickness** 4.20

Alternative no.: J42



PX602 Brush Set

Replacing: 16.970.206, 16.770.206

Servicing: 11.201.440, 11.201.498, 11.201.534, 11.201.597, 11.201.675, 11.201.708, 11.201.727, 11.201.738, 11.201.754, 11.201.758

14 **V**, **Length** 15.40, **Lead length** 48.00, **Height** 6.40, **Thickness** 4.60

Rectifiers

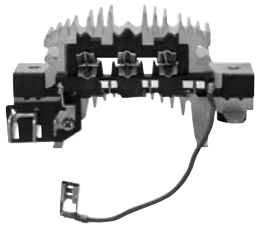


130597 Rectifier

Replacing: 16.905.212

Servicing: 11.201.017, 11.201.026, 11.201.030, 11.201.036, 11.201.037, 11.201.783, AAG0402, aag0403, aag1101, AAG1102, AAG1103

35 **Amp/ diode**, **B+/ threaded** 9.40, **ID** 32.15, **OD** 90.00, **Mount. dist.** 75.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o

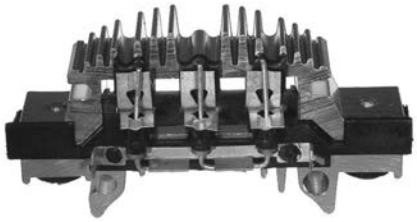


131135 Rectifier

Replacing: 16.905.321

Servicing: 11.201.023, 11.201.042, 11.201.068, 11.201.071, 11.201.077, 11.201.078, 11.201.083, 11.201.101, 11.201.131, 11.201.132

35 **Amp/ diode**, **B+/ threaded** 9.40, **D+ threaded** 6.30, **OD** 100.00, **Mount. dist.** 80.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o



131698 Rectifier

Replacing: 16.905.981, 16.905.947, 16.905.851, 16.905.742, 16.905.667, 16.905.561, 16.905.513

Servicing: 11.201.050, 11.201.060, 11.201.093, 11.201.098, 11.201.112, 11.201.117, 11.201.203, 11.201.204, 11.201.205, 11.201.207

35 **Amp/ diode**, **B+/ threaded** M6, **OD** 100.00, **Mount. dist.** 53.00, **No./ diodes** 6



132670 Rectifier

Replacing: 16.905.254

Servicing: 11.201.027, 11.201.038, 11.201.094, 11.201.095, 11.201.096, 11.201.116, aag1301, aag1302, aag1310, AAG1311, aag1315

35 **Amp/ diode**, **B+/ threaded** M6/30.00, **ID** 31.70, **OD** 90.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



139517 Rectifier

Replacing: 16.905.298

Servicing: 11.201.050, 11.201.055, 11.201.070, 11.201.102, 11.201.146, 11.201.273, 11.201.306, 11.201.480, 11.201.481, 11.201.557

25 **Amp/ diode**, **B+/ threaded** M6/13.45, **OD** 97.00, **Mount. dist.** 58.55, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



139518 Rectifier

Replacing: 16.905.654

Servicing: 11.201.122, 11.201.145, 11.201.210, 11.201.211, 11.201.244, 11.201.245, 11.201.257, 11.201.510, 11.201.529, 11.201.583

25 **Amp/ diode**, **B+/ threaded** M8/13.35, **D+ threaded** M5/15.50, **OD** 99.90, **Mount. dist.** 59.22, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



231050 Rectifier

Replacing: 16.903.314

Servicing: 11.201.440, 11.201.490, 11.201.498, aak5102, aak5105

50 **Amp/ diode**, **B+/ threaded** M6/16.50, **D+ threaded** M5/9.25, **OD** 110.00, **Mount. dist.** 80.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



231363 Rectifier

Replacing: 16.906.614

Servicing: 11.201.470, 11.201.706, 11.201.707, 11.201.728, 11.201.729, 11.201.810, 11.201.811, 11.201.873, aak1238, AAK1333

35 **Amp/ diode**, **OD** 100.00, **No./ diodes** 6, **Capacitor** w/o



231472 Rectifier

Replacing: 16.903.507

Servicing: 11.201.597, 11.201.666, 11.201.667, 11.201.675, 11.201.758, 11.201.925, 11.203.016, 11.203.017, aak5118, AAK5132

50 **Amp/ diode**, **B+/ threaded** M6/16.65, **D+ threaded** M5/9.30, **OD** 110.00, **Mount. dist.** 80.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



234940 Rectifier

Replacing: 16.902.097

Servicing: 11.201.727, 11.201.791, 11.201.857, 11.201.875, 11.201.952, 11.201.989, 11.201.997, 11.201.999, 11.203.004, 11.203.005

B+/ threaded M8, **D+ threaded** M5, **OD** 111.00, **Mount. dist.** 80.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 8



234950 Rectifier

Replacing: 16.902.040

Servicing: 11.203.092, 11.203.093, 11.203.094, aak5358, aak5359, aak5360

B+/ threaded M8/13.35, **D+ threaded** M5/11.75, **OD** 109.00, **Mount. dist.** 80.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 8



235519 Rectifier

Replacing: 16.902.358

Servicing: 11.201.666, 11.201.667, 11.201.800, 11.201.907, aak5114, aak5115, AAK5145, AAK5174

21±1 **Zener V**, 32 **Amp/ diode**, **W thread** M5/12.00, **B+/ threaded** M6/16.20, **D+ threaded** M5/9.30, **ID** 36.85, **OD** 111.20, **Mount. dist.** 80.00, **B+ type** Bolt, **D+ type** Bolt, **W type** Bolt, **Diode type** Zener, **No./ diodes** 8, **Capacitor** w/



236701 Rectifier

Replacing: 16.902.556

Servicing: 11.203.016, 11.203.017, 11.203.098, 11.203.099, aak5315, AAK5316, aak5363, AAK5364

B+/ threaded M6/16.00, **D+ threaded** M5/9.60, **OD** 110.80, **Mount. dist.** 80.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 8



331907 Rectifier

Servicing: 11.203.065, AAN5122

14 **V**, 20/24 **Zener V**, 65 **Amp/ diode**, **W thread** M5/10.00, **B+/ threaded** M8/12.50, **D+ threaded** M5/10.00, **OD** 131.90, **B+ type** Bolt, **D+ type** Bolt, **W type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Brush gear** w/o, **Capacitor** w/

NEW PRODUCT
www.hc-cargo.com

333320* Rectifier

Replacing: 16.902.404

Servicing: 11.201.976

Rectifier Parts

Various

Pkg. 1000



331024 Rivet

Servicing: 11.203.065, AAN5122

OD 7.20, **OD/ collar** 11.05, **Length** 13.92, **Height/ collar** 0.60, **Collar** w/

Bearings

Roller Bearings

Pkg. 10



140516 Roller Bearing

Replacing: 16.906.156

ID 25.00, **OD** 52.00, **Height** 15.00, **Rolls** 13

Special Bearings

Pkg. 10



140116 Ball Bearing

Replacing: 16.905.214

Servicing: 11.201.017, 11.201.026, 11.201.027, 11.201.030, 11.201.036, 11.201.037, 11.201.038, 11.201.067, 11.201.094, 11.201.095

ID 12.00, **OD** 28.00, **Height** 12.00



140707 Ball Bearing

Replacing: 16.906.722

Servicing: 11.201.509, 11.201.713, 11.201.731, 11.201.732, 11.201.733, 11.201.744, 11.201.781, 11.201.868, 11.201.892, 11.201.903

ID 30.00, **OD** 72.00, **Height** 27.00

Fans & Pulleys

Fans



133874 Fan

Replacing: 15.905.156, 15.900.156

Servicing: 11.201.017, 11.201.026, 11.201.027, 11.201.030, 11.201.037, 11.201.038, 11.201.060, 11.201.062, 11.201.066, 11.201.067

OD 127.00, **Bore dia.** 17.00, **Height** 13.20, **Fans** 11, **Pulley** w/o



133875 Fan

Replacing: 15.900.726

Servicing: 11.201.023, 11.201.042, 11.201.050, 11.201.052, 11.201.055, 11.201.068, 11.201.069, 11.201.070, 11.201.071, 11.201.075

OD 135.00, **Bore dia.** 17.00, **Height** 13.60, **Fans** 13, **Pulley** w/o
Alternative no.: B133875

Pulleys



135058 Pulley

Replacing: 16.905.988

Servicing: A133, 11.201.276, AAK4118

OD 93.50, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 20.00, **Depth** 7.90, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1
w/ bushing for 15.00/17.00 mm shaft.



231111 Pulley

Replacing: 16.906.346

Servicing: 11.201.440, aak5102

OD 54.80, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 32.00, **Depth** 16.45, **Pulley type** SP, **Grooves** 6



233618 Pulley

Replacing: 16.906.351

Servicing: 11.201.498, aak5105

OD 70.40, **Bore dia.** 17.00, **Width** 12.80, **Depth** 4.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

Sundry Parts

O-rings

Pkg. 10



233712 O-ring

Servicing: 11.201.440, 11.201.498, 11.201.666, 11.201.675, 11.201.990, 11.203.016, 11.203.094, aak5102, aak5105, AAK5114, aak5118

ID 34.65, **Thickness** 1.75, **Material** Rubber

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Rotors

14 Volt



133189[#] Rotor

Replacing: 2108-3701200

Servicing: 2108-3701010, 224-370701, 224-373701, 37.3701, T2223701010

12 **V**, 55 **Amp**, **Thread size** M12-1.25, **OD** 89.00, **Shaft dia.** 15.00, **Total length** 149.00, **Rotation** CR



133191 Rotor

Replacing: 2105-3701200, 2101-3701200

Servicing: 2101-3701000, 2101-3701005, 2101-3701010, 2101-3710000, 2105-3701010, 221-3701000, 222-3701005, 222-3701010, F22112B42A

14 **V**, 42 **Amp**, **Thread size** M12-1.25, **OD** 89.00, **Shaft dia.** 15.00, **Total length** 150.00

Rotor Parts

Slip Rings



235160 Slip Ring

Servicing: 2110-3701010, 2112-3701010, 21214-3701010, 9412.3701

ID 6.40, **OD** 14.00, **Total length** 46.00

Stators

14 Volt



130363 Stator

Replacing: 2101-3701100

Servicing: A124N, A12M, 2101-3701000, 2101-3701005, 2101-3701010, 2101-3710000, 2105-3701010, 221-3701000, 222-3701005

14 **V**, 42 **Amp**, **ID** 87.00, **OD** 124.00, **OD 2** 121.00, **Height** 20.00, **Terminals** 4

Brackets

D.E. Brackets



234184[#] D.E. Bracket

Servicing: 21214-3701010, 9412.3701

Bearing: HC-CARGO 142276.

Bracket Parts

Mounting Bushing Kits



132572 Mounting Bushing Kit

Servicing: 2105-3701010, 2108-3701010, 222-3701005, 222-3701010, 224-370701, 224-373701, 37.3701, KAT3KT22214B, T2223701010

ID 12.30, **OD** 21.00, **Length** 29.00

Bearing Caps

Pkg. 5



139681 Bearing Cap

ID 31.00, **OD** 37.35, **Height** 13.75

Pkg. 5



234147 Bearing Cap

OD 40.00, **Height** 41.90

Covers



234763 S.R.E. Cover

Replacing: 00943701640

Servicing: 2110-3701010, 2112-3701010, 21214-3701010, 9412.3701

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239337 S.R.E. Cover

Servicing: 21214-3701010, 9412.3701

All measurements are in mm, unless else stated.
[#]Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Regulators

14 Volt



130613 Regulator

Replacing: 63472000, 2101-3702000

14.7 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic

---



131046 Regulator

Replacing: 2105-3701500

Servicing: 2105-3701010, 222-3701005, 222-3701010, KAT3KT22214B

14.5 **V setting**, **Dist. mount. holes** 43.85, **Regulator type** Electronic

---



131209 Regulator

Replacing: 2108-3701500

Servicing: 2108-3701010, 224-370701, 224-373701, 37.3701, T2223701010

14.5 **V setting**, **Dist. mount. holes** 42.00, **Regulator type** Electronic

---

Rectifiers



133397 Rectifier

Replacing: 2108-3701315, 2108-3701314

Servicing: 2101-3701000, 2101-3701005, 2101-3701010, 2101-3710000, 2105-3701010, 2108-3701010, 221-3701000, 222-3701005

ID 38.00, **OD** 111.00, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o

---



235171 Rectifier

Replacing: bb01-105

Servicing: 2110-3701010, 2112-3701010, 21214-3701010, 9412.3701

27.5 **Zener V**, 35 **Amp/ diode**, **B+/ threaded** M6/30.00, **ID** 27.82, **OD** 111.00, **Diode type** Diode, **No./ diodes** 6, **Capacitor** w/o

---

Fans & Pulleys



132592 Fan & Pulley

Servicing: A124N, A12M

OD 72.60, **Bore dia.** 15.00, **Width** 21.65, **Depth** 19.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

Pulleys



134943 Pulley

Replacing: 2101-3701051

Servicing: 2101-3701000, 2101-3701005, 2101-3701010, 2101-3710000, 2105-3701010, 2108-3701010, 221-3701000, 222-3701005

OD 75.90, **Bore dia.** 15.00, **Width** 17.70, **Depth** 13.80, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

Sundry Parts

Insulators

Pkg. 10



235155 Insulator

Servicing: 2110-3701010, 2112-3701010, 21214-3701010, 9412.3701

ID 6.27, **OD** 16.85, **Height** 7.98

Various

Pkg. 10



134727 Rivet

OD 5.00, **OD/ collar** 10.25, **Length** 21.50, **Height/ collar** 3.65, **Collar** w/

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Available while stock last, * Program development.

Rotors

Rotor Parts

Slip Rings

Pkg. 10



133920 Slip Ring

Replacing: 71189

ID 17.00, **OD** 29.30, **Total length** 41.10

Pkg. 5



233224 Slip Ring

Replacing: 57462

ID 11.80, **OD** 23.40, **Total length** 27.70

Stators

14 Volt



230589 Stator

Replacing: 97078

Servicing: 2800j, 5522AA, 7606A, 7706AA, 7706J, 7706JA

14 **V**, 160 **Amp**, **ID** 121.30, **OD** 168.45, **OD 2** 163.64, **Height** 28.74, **Terminals** 3

Brackets

Bracket Parts

Mounting Bushings

Pkg. 5



233276[#] Mounting Bushing

Replacing: 77916

Servicing: 2300-2800JB

ID 13.35, **OD** 19.35, **Length** 20.30

Regulators

14 Volt



230591 Regulator

Replacing: 79000, 102200, 100650

Servicing: 4800JB, 4805JB, 4824JB, 4829JB

14.2 **V setting**, **Dist. mount. holes** 74.70

Adjustable voltage. Diode trio activated.

---

28 Volt



137227 Regulator

Replacing: 79350

27.5 **V setting**, **Dist. mount. holes** 74.80

Adjustable voltage.



233696 Regulator

Replacing: 96852

Servicing: 4727JB, 4728JB, 4826JB

27.5 **V setting**, **Dist. mount. holes** 74.60, **Regulator type** Electronic

Diode trio activated.

Brush Boxes

Brush Box Parts

Brush Sets



140881 Brush Set

Replacing: 77650

14/32 **V**, **Length** 22.00,
Lead length 46.00, **Thickness** 7.50



141177 Brush Set

Replacing: 71128

14/28 **V**, **Length** 12.50,
Lead length 44.00, **Thickness** 7.50



141178 Brush Set

Replacing: 97893

Servicing: 3425-3725J, 4400-4700J, 4425-4750J, 7500-7700J, 7500-7700JA

14/32 **V**, **Length** 12.50,
Lead length 41.00, **Thickness** 7.50

All measurements are in mm, unless else stated.
[#]Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Rectifiers



137228[#] Rectifier

Replacing: 78752, 71180

Servicing: 2300JB, 2600JB, 3425JB, 3625J, 4400J, 4650J

35 **Amp/ diode**, **OD** 130.00, **Mount. dist.** 100.00, **No./ diodes** 3, **Capacitor** w/o



137229[#] Rectifier

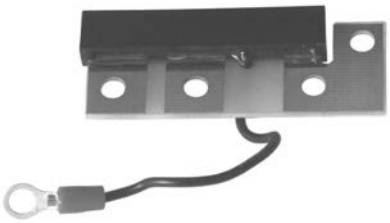
Replacing: 71181

Servicing: 2300JB, 2600JB, 3425JB, 3625J, 4400J, 4650J

35 **Amp/ diode**, **OD** 130.00, **Mount. dist.** 100.00, **No./ diodes** 3, **Capacitor** w/o

Rectifier Parts

Diode Trios



233228 Diode Trio

Replacing: 79027, 79021

ID/ mount. hole 5.30, **OD** 66.70, **Dist./ mount. holes** 43.00, **No./ diodes** 3

3-1 A/200 V.



234499 Diode Trio

Replacing: 96603

Servicing: 4727JB, 4728JB, 4826JB, 4827JB

OD 65.20

Bearings

Needle Bearings

Pkg. 10



140120 Needle Bearing

Replacing: 58734

Servicing: 10SI, 12SI, 15SI, 17SI, 27SI, A127

ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13

Closed end.

Pkg. 5



140241 Needle Bearing

Replacing: 78625

Servicing: 15SI

ID 17.00, **OD** 23.80, **Height** 20.60, **Rolls** 13

Closed end.

Pkg. 5



140772 Needle Bearing

Replacing: 101414

Servicing: 15SI/116, 21SI

ID 17.00, **OD** 23.80, **Height** 22.00, **Rolls** 13

w/ double seal. w/ closed end.

Special Bearings



140882 Ball Bearing

Replacing: 4090, 36686, 32054

ID 25.00, **OD** 52.00, **Height** 20.60



140883 Ball Bearing

Replacing: 98624, 36015, 35624

ID 25.00, **OD** 62.00, **Height** 25.40

Fans & Pulleys

Fans



233219 Fan

Replacing: 79035

Servicing: 2300-2800JB, 4425-4750J

OD 178.00, **Bore dia.** 22.23, **Height** 15.30, **Fans** 11, **Pulley** w/o

Pulleys



131176 Pulley

Replacing: 76699, 73981

Servicing: 25SI, 27SI/200, 29SI, 30SI

OD 78.80, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 4.65, **Width** 40.00, **Depth** 6.60, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

[#]Available while stock last, ***** Program development.

Pulley Parts

Spacers

Pkg. 10



232645# Spacer for Pulley

Replacing: 59225

ID 22.23/7/8", **OD** 34.70, **Thickness** 5.00, **Material** Steel

Sundry Parts

Insulators

Pkg. 5



233258# Insulator

Replacing: 73545

Servicing: 2300-2800JB, 7000-7700J

ID 6.50 (1/4"), **Material** Shock thermo plastic

Negative terminal.

Pkg. 5



233259# Insulator

Replacing: 73546

Servicing: 2300-2800JB, 7000-7700J

ID 8.50 (5/16"), **Material** Shock thermo plastic

Positive terminal.

Pkg. 5



233260 Insulator

Replacing: 73547

Servicing: 2300-2800JB, 7000-7700

ID 5.00, **Material** Shock thermo plastic

Terminals



233270# Terminal Bolt

Replacing: 97086

Servicing: 2800JB

Thread size M8, **Total length** 86.55, **Thread length** 77.45

Pos./neg. terminal.

Various



233264# Condenser

Replacing: 96545

Servicing: 2300-2800JB

Length 57.75, **Width** 10.20

0.50 mµ.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Rotors

14 Volt



131629 Rotor

Replacing: udb106, 54203288

Servicing: A115, 23983, 23983A, 23984, 23984A, 23985, 23985A, 23986, 23986A, 24023, 24024, 24024A, 24024D, 24026, 24026A, 24027

14 **V**, 36/45 **Amp**, **Thread size** M14-1.50, **OD** 83.00, **Shaft dia.** 15.00, **Total length** 159.00, **Rotation** CR
Nut: HC-CARGO 130910.



131630 Rotor

Replacing: ufb113, ueb102, ueb100, 54206489, 54206485, 54206484, 54206100, 054206489010, 054206485010

Servicing: A127, 054022053010, 054022057010, 054022142010, 054022160010, 054022178010, 054022188010, 054022212010, 054022219010

14 **V**, 55 **Amp**, **OD** 89.30, **Shaft dia.** 17.00, **Total length** 143.70, **Rotation** CR
Nut: HC-CARGO 135049. Thread: 9/16"-1.5.



131641# Rotor

Replacing: 074877531010

Servicing: AA125, 063305000010, 063305020010

14 **V**, 45 **Amp**, **Thread size** M14-1.50, **OD** 88.70, **Shaft dia.** 15.00, **Total length** 156.50, **Rotation** CR



131643 Rotor

Replacing: 083606521010, 083600011010

Servicing: AA125R, 063320001010, 063320002010, 063320004010, 063320005010, 063320006010, 063320007010, 063320008010, 063320010010

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 142.00, **Rotation** CR



131944# Rotor

Replacing: 074988801010

Servicing: AA125E, 063305123010, 063307103010, 063307123010, 063307503010

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 156.00, **Rotation** CR



131952 Rotor

Replacing: 083600661010

Servicing: AA125R, 063320003010, 063320023010, 063320024010, 063320100010, 063320112010, 063320128010, 063321002010, 063321040010

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 152.00, **Rotation** CR



131953 Rotor

Replacing: 083601811010

Servicing: AA125R, 063320015010, 063320017010, 063320018010, 063320026010, 063320032010, 063320037010, 063320042010, 063320044010

14 **V**, 65 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 152.00



131954 Rotor

Replacing: 083601641010

Servicing: AA125R, 063320013010, 063320016010, 063320020010, 063320035010, 063320040010, 063320045010, 063320048010, 063320054010

14 **V**, 65 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 141.55, **Rotation** CR



132338 Rotor

Replacing: 074967251010

Servicing: A108, 063300506010, 063300526010, 063300801010, 063300802010, 063300812010, 063300821010, 063300900010, 063300901010

12 **V**, 33 **Amp**, **Thread size** M14-1.50, **OD** 73.00, **Shaft dia.** 17.00, **Total length** 155.00, **Rotation** CR



133845 Rotor

Replacing: ueb104, 54206600

Servicing: A127, 24188, 24188A, 24188C, 24316, 24316A, 54022130, 54022373, 54022425, 54022429, 54022495, 54022512, 54022515

14 **V**, 55 **Amp**, **Thread size** 9/16", **OD** 89.50, **Shaft dia.** 17.00, **Total length** 202.00, **Rotation** CR, **Splines** 18
Shaft: HC-CARGO 135244. Nut: HC-CARGO 135049.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



134414 Rotor

Replacing: 083602631010

Servicing: AA125R, 063320021010, 063320022010, 063321480010

14 **V**, 45 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 151.00, **Rotation** CR



136128# Rotor

Replacing: 54219097, 54202067, 54200067, 54200042

Servicing: 17ACR, 18ACR, 23565, 23568, 23569, 23570, 23583, 23584, 23585, 23591, 23592, 23593, 23598, 23600, 23602, 23605, 23609

14 **V**, 38/43 **Amp**, **Thread size** M14-1.50, **OD** 83.00, **Shaft dia.** 15.00, **Total length** 150.00, **Rotation** CR
Nut: HC-CARGO 130910.



136674 Rotor

Replacing: 085562283010, 085562270010, 085562208010, 085562131010, 085562071010, 085561421010, 085561411010

Servicing: A115I, 063321200010, 063321204010, 063321205010, 063321233010, 063321234010, 063321235010, 063321252010, 063321270010

14 **V**, 65/85 **Amp**, **Thread size** M17-1.50, **OD** 91.30, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



137118# Rotor

Replacing: ufb112, ufb110, ufb109, ufb106, 54205332, 54204046

Servicing: A133, 23970A, 23970B, 23971A, 23996, 23996A, 23997A, 23998, 23998A, 23999, 23999A, 24010, 24010A, 24011, 24011A, 24034A

14 **V**, 65/75 **Amp**, **Thread size** M14-1.50, **OD** 97.00, **Shaft dia.** 15.00, **Total length** 159.00, **Rotation** CR
Nut: HC-CARGO 130910.



137335 Rotor

Replacing: 54209322, 085561941010, 085561931010, 085561401010

Servicing: A127I, 054022669010, 063321229010, 063321231010, 063321232010, 063321237010, 063321240010, 063321241010, 063321245010

14 **V**, 100 **Amp**, **Thread size** M17-1.50, **OD** 99.50, **Shaft dia.** 17.00, **Total length** 160.00, **Rotation** CR



139465 Rotor

Replacing: ueb101, 54207164, 54207001, 54206680, 54206538, 54206536, 054207164010, 054206538010, 054206536010

Servicing: A127, 054022054010, 054022187010, 054022197010, 054022198010, 054022200010, 054022224010, 054022232010, 054022242010

14 **V**, 65/70 **Amp**, **Thread size** M16-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 143.90
Nut: HC-CARGO 135049.



139880# Rotor

Replacing: ufb105, ufb104, udb105, 54202268, 54202267

Servicing: 23ACR, 25ACR, 23833A, 23835, 23835A, 23838A, 23859A, 23861A, 23862, 23862A, 23863A, 23864A, 23867A, 23867D, 23868A

14 **V**, 50/65 **Amp**, **Thread size** M14-1.50, **OD** 97.20, **Shaft dia.** 15.00, **Total length** 156.30, **Rotation** CR
Nut: HC-CARGO 130910.

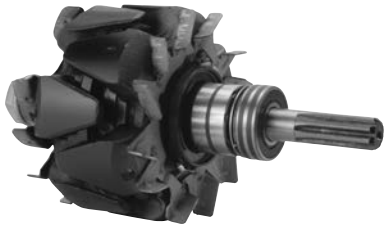


231066 Rotor

Replacing: udb101, 54218284, 54201945

Servicing: 15ACR, 16ACR, 23544, 23544A, 23544F, 23544H, 23548A, 23548D, 23548E, 23562, 23562A, 23562B, 23562D, 23563A, 23563B

14 **V**, 28/34 **Amp**, **Thread size** M14-1.50, **OD** 83.40, **Shaft dia.** 15.00, **Total length** 144.50, **Rotation** CR



234619 Rotor

Replacing: 61202202

14 **V**, 110 **Amp**, **Thread size** M17-1.50, **OD** 105.00, **Shaft dia.** 17.00, **Total length** 207.50, **Splines** 8
Nut set: HC-CARGO 132080.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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234852 Rotor

Replacing: 54209332, 54206860, 054209332010, 054206860010

Servicing: A127, 054022495010, 054022564010, 054022575010, 054022582010, 054022649010, 054022689010, 054022690010, 054022694010

14 **V**, 70 **Amp**, **Thread size** M17 Lu, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 201.50, **Rotation** CR, **Splines** 18

Shaft: HC-CARGO 135244. Nut: HC-CARGO 135049.



235172 Rotor

Replacing: 085563021010

Servicing: A127IM, 063321814010, 063321815010, 063321816010

14 **V**, 140 **Amp**, **Thread size** M17-1.50, **OD** 99.50, **Shaft dia.** 17.00, **Total length** 160.10



235225 Rotor

Replacing: 085562911010, 085562911000

Servicing: A127IR, 063321468010, 063321507010, 063321827010, 063321838010, 063321858010

14 **V**, 120 **Amp**, **Thread size** M17-1.50, **OD** 99.50, **Shaft dia.** 17.00, **Total length** 160.00, **Rotation** CR



237030# Rotor

Replacing: udb100

Servicing: 23591A, 23591E, 23592A, 23592E, 23593A, 23593E, 23598A, 23598B, 23600A, 23600B, 23610A, 23611A, 23615A, 23615B, 23615D

14 **V**, 43 **Amp**, **Thread size** M16-1.50, **OD** 83.35, **Shaft dia.** 15.00, **Total length** 156.45, **Rotation** CR

Nut: HC-CARGO 191657.

28 Volt



134796 Rotor

Replacing: 083606261010, 083602321010

Servicing: AA125R, 063320025010, 063320052010, 063320057010, 063320060010, 063320114010, 063320118010, 063321045010, 063321046010

28 **V**, 30 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 151.00, **Rotation** CR



136982 Rotor

Replacing: 54208671, 054208671010

Servicing: A127, 054022415010, 054022578010, 063324299010, 063324406010, 54022619, 54022711

28 **V**, 30 **Amp**, **Thread size** M17 Lu, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 143.70, **Rotation** CR

Nut: HC-CARGO 136903.

Rotor Parts

Shafts



135244 Rotor Shaft

Servicing: A127, ueb104

Thread size M17-1.50 L, **OD/ shaft** 17.00, **Total length** 202.00, **No./ splines** 18



138122 Rotor Shaft

Servicing: A127, ueb100

Thread size M17 Lu, **OD/ shaft** 17.00, **Total length** 143.00

Keys

Pkg. 10



130813 Key

Servicing: ACR, 22258, 22700, 22704, 22704L, 22704Q, 22705, 22705F, 22705L, 22715E, 22715K, 22717, 22742, 22747, 22748, 22756

Length 13.00, **Thickness** 3.00, **Width** 5.00

Slip Rings

Pkg. 10



131342 Slip Ring

Replacing: uab104, uab102, 54217372

Servicing: ACR, 23544, 23544A, 23544F, 23544H, 23548, 23548A, 23548D, 23548E, 23562, 23562A, 23562B, 23562D, 23563A, 23563B

ID 30.00, **Total length** 17.00

w/ clip.

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All measurements are in mm, unless else stated.
Available while stock last, * Program development.



131817 Slip Ring

Replacing: uab101, uab100, asp0004, 54160288

Servicing: A115, A133, 23941, 23967, 23969A, 23969B, 23970A, 23970B, 23971A, 23983, 23983A, 23984, 23984A, 23985, 23985A, 23986A

ID 25.00, **OD** 9.00
Alternative no.: B131817

Pkg. 5



132642 Slip Ring

Servicing: A127, 24145, 24156, 24157, 24157D, 24157F, 24158, 24161, 24169, 24188, 24198, 24199, 24200, 24203, 24206, 24207, 24208

ID 17.00, **OD** 26.60, **Total length** 24.00
Alternative no.: B132642

Pkg. 5



138441 Slip Ring

Servicing: A115I, A127I, 24329, 24330, 24344, 54022443, 54022453, 54022454, 54022459, 54022464, 54022468, 54022487, 54022498

ID 6.80, **OD** 16.00, **Total length** 46.50

Pkg. 45



B132642 Slip Ring

ID 17.00, **OD** 27.00, **Total length** 24.00
Alternative no.: 132642

Spacers

Pkg. 5



232056 Spacer

Servicing: A115I
ID 17.00, **OD** 30.00, **Height** 2.30

Nuts

Pkg. 10



135049 Shaft Nut

Replacing: asp0001, 54134696
Servicing: A127
Thread M17 Lu, **OD** 21.95, **Lock nut** No

Pkg. 10



136903 Shaft Nut

Servicing: A127, 24299, 54022415, 54022578, 54022619, 54022711
Thread M17 Lu, **OD** 26.65, **Lock nut** No
Pulley: HC-CARGO 136902.

Nut Sets



130910 Shaft Nut

Servicing: 15, 16, 17, 18ACR, A115, A133
Thread M14, **Lock nut** No

Various

Pkg. 10



134101 Rotor Wire Seperator

Replacing: asp0003
ID 15.00, **Height** 8.00
Rotor wire separator. 15.16.17.18 ACR.

Pkg. 5



134894 Bushing

Replacing: 60600700
Servicing: A127, 23835, 23865, 23880, 24022, 24033, 24087, 24091, 24093, 24102, 24123, 24124, 24142, 24176, 24201, 24236, 24248
ID 15.20, **OD** 17.15, **Length** 14.00
Steel bushing for pulley. From 15.00 to 17.00 mm shaft.

Stators

14 Volt



131648 Stator

Replacing: 083605011010
Servicing: AA125T, 063321178010
14 **V**, 55 **Amp**, **ID** 89.50, **OD** 125.50, **OD 2** 118.00, **Height** 24.00, **Terminals** 3



131976 Stator

Replacing: 083601531010
Servicing: AA125R, 063320001010, 063320002010, 063320005010, 063320006010, 063320022010, 063320097010, 063320102010, 063320113010
14 **V**, 45 **Amp**, **ID** 89.50, **OD** 125.50, **OD 2** 121.00, **Height** 24.00, **Terminals** 3

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



131977 Stator

Replacing: 083602761010

Servicing: AA125R, 063305801010, 063305802010, 063305821010, 063305822010, 063305832010, 063305842010, 063305862010, 063307408010

14 **V**, 65 **Amp**, **ID** 89.50, **OD** 125.50, **OD 2** 121.00, **Height** 27.00, **Terminals** 3



133192 Stator

Replacing: uib102, uib100, u1b102, 54205626, 54205305, 054205305010

Servicing: A127-55, 054022053010, 054022057010, 054022130010, 054022142010, 054022148010, 054022160010, 054022178010, 054022183010

14 **V**, 55 **Amp**, **ID** 89.69, **OD** 127.35, **OD 2** 119.80, **Height** 25.17, **Terminals** 3



133694 Stator

Replacing: uib103, uib101, 54206164, 54205306, 054206164010

Servicing: A127, 054022187010, 054022200010, 054022224010, 054022232010, 054022236010, 054022238010, 054022251010, 054022281010

14 **V**, 65/75 **Amp**, **ID** 89.85, **OD** 126.94, **OD 2** 120.65, **Height** 25.13, **Terminals** 3



133829# Stator

Replacing: uhb109, uhb108, uhb107, uhb106, 54218360, 54201050, 54201049, 54201048

Servicing: 16, 17ACR, 23548A, 23548D, 23548E, 23565A, 23565B, 23566A, 23568A, 23569A, 23569B, 23570A, 23570B, 23572A, 23572B

14 **V**, 36 **Amp**, **ID** 83.90, **OD** 114.25, **OD 2** 113.15, **Height** 16.05, **Terminals** 3



133971 Stator

Replacing: uhb105, uhb104, uhb103, uhb102, 54203342, 54203119, 54203118, 54203117, 54203116

Servicing: A115/45, 23565, 23568, 23569, 23570, 23583, 23584, 23585, 23591, 23592, 23593, 23598, 23600, 23602, 23605, 23609, 23610

14 **V**, 43 **Amp**, **ID** 83.60, **OD** 115.80, **OD 2** 106.80, **Height** 24.90, **Terminals** 3



135941 Stator

Replacing: 61200564

14 **V**, 40 **Amp**, **ID** 70.00, **OD** 93.00, **Height** 24.50, **Terminals** 4



136612 Stator

Replacing: 61202001

14 **V**, 75 **Amp**, **ID** 106.20, **OD** 136.00, **OD 2** 132.00, **Height** 22.00, **Terminals** 4



138171 Stator w/ D.E. Bracket Assy

Replacing: 083608351010

Servicing: A115I, 063321200010, 063321270010, 063321600010, 063321671010, 063321712010

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230223. Bearing: HC-CARGO 142269.



138454 Stator w/ D.E. Bracket Assy

Replacing: 083612471010

Servicing: A115I, 063321277010, 063321278010, 063321311010, 063321610010, 063321611010

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 140263.



138456# Stator w/ D.E. Bracket Assy

Replacing: 083608541010

Servicing: A115I, 063321204010, 063321275010, 063321282010, 063321362010, 063321367010, 063321615010, 063321616010, 063321660010

14 **V**, 55/65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.



138457# Stator w/ D.E. Bracket Assy

Replacing: 083613421010

Servicing: A115I, 063321613010, 063321640010

14 **V**, 55/75 **Amp**

Stator: HC-CARGO 233598. D.E. bracket: HC-CARGO 24203. Bearing: HC-CARGO 140263.



138506 Stator w/ D.E. Bracket Assy

Replacing: 083611391010

Servicing: A115I, 063321252010, 063321283010, 063321396010, 063321608010, 063321609010, 063321625010

14 **V**, 65/85 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230224. Bearing: HC-CARGO 142270.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



138508 Stator w/ D.E. Bracket Assy

Replacing: 083613651010

Servicing: A115I, 063321606010, 063321607010

14 **V**, 75 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.



139956 Stator

Replacing: 54203890

Servicing: A115I

14 **V**, 65 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 29.50, **Terminals** 3



230812# Stator w/ D.E. Bracket Assy

Replacing: 083609171010

Servicing: A115I, 063321205010, 063321361010, 063321617010, 063321620010

14 **V**, 75 **Amp**

Stator: HC-CARGO 233598. D.E. bracket: HC-CARGO 231994. Bearing: HC-CARGO 142270.



231010# Stator w/ D.E. Bracket Assy

Replacing: 083616551010

Servicing: A115I, 063321626010, 063321747010

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.



231038 Stator w/ D.E. Bracket Assy

Replacing: 083620581010, 083613781010

Servicing: A115I, 063341466010, 063341666010, 063341695010

14 **V**, 100 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230224. Bearing: HC-CARGO 142270.



233344 Stator

Replacing: 083621821010

Servicing: A115I, 063341679010

14 **V**, 80 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 29.50, **Terminals** 3



234618 Stator

Replacing: 61202201

14 **V**, 110 **Amp**, **ID** 106.00, **OD** 137.00, **OD 2** 133.00, **Height** 26.00, **Terminals** 4



234898 Stator w/ D.E. Bracket Assy

Replacing: 083624941010

Servicing: A115I, 063341746010

14 **V**, 85 **Amp**

Stator: HC-CARGO 233344. D.E. bracket: HC-CARGO 230225. Bearing: HC-CARGO 142270.



235148# Stator

Replacing: uhb110, 54218277

Servicing: 15ACR, 23544, 23544A, 23544F, 23544H, 23548, 23562, 23562A, 23562B, 23562D, 23563A, 23563B, 23563D, 23566, 23573, 23575

14 **V**, 28 **Amp**, **ID** 83.93, **OD** 114.10, **OD 2** 106.58, **Height** 19.00, **Terminals** 3

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28 Volt



130365# Stator

Replacing: 074999371010

Servicing: A12M, 063304002010, 063304003010, 063304020010, 063304022010, 063304023010, 063304040010, 063304050010, 063304075010

28 **V**, 26 **Amp**, **ID** 87.00, **OD** 124.00, **OD 2** 121.00, **Height** 21.00, **Terminals** 4



132370 Stator

Replacing: 074877351010

Servicing: AA125, 063306300010, 063306302010, 063306320010, 063306360010, 063306369010, 063306370010, 063306379010, 063306389010

28 **V**, 30 **Amp**, **ID** 89.50, **OD** 125.50, **OD 2** 118.00, **Height** 24.00, **Terminals** 3



138803 Stator

Replacing: 54208681

Servicing: A127, 24299, 54022415, 54022578, 54022619, 54022711

28 **V**, 30 **Amp**, **ID** 98.65, **OD** 127.40, **OD 2** 119.10, **Height** 25.10, **Terminals** 3

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Brackets

D.E. Brackets



130857 D.E. Bracket

Replacing: abr0003, 54219542, 54219416, 54203768, 54203643, 54201097, 54201095, 54200544

Servicing: ACR, 23544, 23544A, 23544F, 23544H, 23548A, 23548D, 23562, 23562A, 23565A, 23566A, 23568, 23570A, 23573A, 23575, 23575A

Bearing: HC-CARGO 142276. Fitting kit: HC-CARGO 134039. Right hand mounting.



130859 D.E. Bracket

Replacing: 54219275

Servicing: ACR, 23548, 23565, 23566, 23569, 23570, 23573, 23584, 23593, 23595, 23598, 23602, 23605, 23606, 23610, 23612, 23625

Bearing: HC-CARGO 142276. Fitting kit: HC-CARGO 134039. Left hand mounting.



134033# D.E. Bracket

Servicing: A133, 23862, 23882, 23886, 23895, 23902, 23932, 23933, 23941, 23957, 23995, 23996, 24031, 24049, 24067, 24091, 24093

Bearing: HC-CARGO 140087. w/o thread.



134036 D.E. Bracket

Replacing: 54220141, 54207285, 54207284, 54206517, 54206516, 054220141010, 054206516010

Servicing: A127, 054022164010, 054022286010, 054022392010, 054022398010, 054022410010, 054022437010, 054022439010, 054022445010

w/o thread. Right & left hand mounting. Bearing: HC-CARGO 142269.

Alternative no.: B134036



134357# D.E. Bracket

Replacing: 074879261010

Servicing: AA125, E, 063305206010, 063305226010, 063305236010, 063305246010, 063305256010, 063305506010, 063305526010

Bearing: HC-CARGO 142270.



134420 D.E. Bracket

Replacing: 083602361010

Servicing: AA125R, 063321035010, 063321036010, 063321037010, 063321039010, 063321078010, 063321458010, 063321460010, 063321470010

Bearing: HC-CARGO 142270.



135182 D.E. Bracket

Replacing: 54202918

Servicing: A133, 24102, 24142, 24150, 24176, 24201

Bearing: HC-CARGO 142276. Right side mounting.



135183 D.E. Bracket

Replacing: 54205170, 54205169, 054205170010

Servicing: A127, 054022053010, 054022054010, 054022142010, 054022147010, 054022160010, 054022167010, 054022195010, 054022197010

Bearing: HC-CARGO 142269. Left hand mounting.



135184 D.E. Bracket

Replacing: 54205171, 54205168, 054205171010

Servicing: A127, 054022057010, 054022130010, 054022148010, 054022178010, 054022183010, 054022187010, 054022188010, 054022196010

Bearing: HC-CARGO 142269. Right side mounting.



137794 D.E. Bracket

Replacing: 54208079, 54208046, 54208034, 054208079010

Servicing: A127, 054022653010, 063324286010, 54022375, 54022608, 54022654, 54022662, 54022664

Bearing: HC-CARGO 142269.



138799 D.E. Bracket

Replacing: 083607021010

Servicing: AA125R, 063320094010, 063320097010, 063321165010, 063321171010

Bearing: HC-CARGO 142269.

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

Available while stock last, * Program development.



139321 D.E. Bracket

Replacing: 54207042, 54207041, 054207042010

Servicing: A127, 054022647010, 063324390010, 24291, 54022536, 54022639

Bearing: HC-CARGO 142269.



231496 D.E. Bracket

Replacing: abr0002, abr0001, 54203788, 54203649, 54201972

Servicing: 15, 16ACR, A115I, 23865, 23865A, 23880, 23880A, 24022, 24022A, 24060A, 24087, 24087A, 24087D, 24123, 24123A

Bearing: HC-CARGO 142276.



235029 D.E. Bracket

Replacing: 083623481010

Servicing: A115I, 063341658010, 063341702010

Bearing: HC-CARGO 142270.

Pkg. 88



B134036 D.E. Bracket

w/o thread. Right & left hand mounting. Bearing: HC-CARGO 142269.

Alternative no.: 134036

Stator w/ D.E. Bracket Assy



138171 Stator w/ D.E. Bracket Assy

Replacing: 083608351010

Servicing: A115I, 063321200010, 063321270010, 063321600010, 063321671010, 063321712010

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230223. Bearing: HC-CARGO 142269.



138454 Stator w/ D.E. Bracket Assy

Replacing: 083612471010

Servicing: A115I, 063321277010, 063321278010, 063321311010, 063321610010, 063321611010

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 140263.



138456# Stator w/ D.E. Bracket Assy

Replacing: 083608541010

Servicing: A115I, 063321204010, 063321275010, 063321282010, 063321362010, 063321367010, 063321615010, 063321616010, 063321660010

14 **V**, 55/65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.



138457# Stator w/ D.E. Bracket Assy

Replacing: 083613421010

Servicing: A115I, 063321613010, 063321640010

14 **V**, 55/75 **Amp**

Stator: HC-CARGO 233598. D.E. bracket: HC-CARGO 24203. Bearing: HC-CARGO 140263.



138506 Stator w/ D.E. Bracket Assy

Replacing: 083611391010

Servicing: A115I, 063321252010, 063321283010, 063321396010, 063321608010, 063321609010, 063321625010

14 **V**, 65/85 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230224. Bearing: HC-CARGO 142270.



138508 Stator w/ D.E. Bracket Assy

Replacing: 083613651010

Servicing: A115I, 063321606010, 063321607010

14 **V**, 75 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.



230812# Stator w/ D.E. Bracket Assy

Replacing: 083609171010

Servicing: A115I, 063321205010, 063321361010, 063321617010, 063321620010

14 **V**, 75 **Amp**

Stator: HC-CARGO 233598. D.E. bracket: HC-CARGO 231994. Bearing: HC-CARGO 142270.



231010# Stator w/ D.E. Bracket Assy

Replacing: 083616551010

Servicing: A115I, 063321626010, 063321747010

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



231038 Stator w/ D.E. Bracket Assy

Replacing: 083620581010, 083613781010

Servicing: A115I, 063341466010, 063341666010, 063341695010

14 **V**, 100 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230224. Bearing: HC-CARGO 142270.



234898 Stator w/ D.E. Bracket Assy

Replacing: 083624941010

Servicing: A115I, 063341746010

14 **V**, 85 **Amp**

Stator: HC-CARGO 233344. D.E. bracket: HC-CARGO 230225. Bearing: HC-CARGO 142270.

S.R.E. Brackets



130858# S.R.E. Bracket

Replacing: 54218657, 54200781

Servicing: ACR, 23544, 23544A, 23544F, 23544H, 23548, 23548A, 23548D, 23548E, 23562, 23562A, 23562B, 23562D, 23563A, 23563B

ID/ bearing hole 34.65



134037 S.R.E. Bracket

Replacing: 54208234, 54207624, 54207302, 54207301, 54206507, 54206506, 54205963, 054208234010, 054207624010

Servicing: A127, 054022053010, 054022054010, 054022057010, 054022142010, 054022147010, 054022148010, 054022160010, 054022164010

ID/ bearing hole 23.60



134337# S.R.E. Bracket

Replacing: 085560111010

Servicing: 063321004010, 063321058010, 063321068010

ID/ bearing hole 26.75



134352# S.R.E. Bracket

Replacing: 074877241010

Servicing: AA125, 063305123010, 063305131010, 063305431010, 063307103010, 063307125010, 063307131010, 063307426010, 063307431010



134356# S.R.E. Bracket

Replacing: 074876501010

Servicing: AA125, 063305000010, 063305020010, 063305120010, 063305130010, 063305150010, 063305206010, 063305226010, 063305236010

ID/ bearing hole 26.00



134421# S.R.E. Bracket

Replacing: 083608621010, 083600281010, 083600061010

Servicing: AA125R, 063320001010, 063320002010, 063320034010, 063320094010, 063320097010, 063320102010, 063320113010, 063321000010



134422 S.R.E. Bracket

Replacing: 083603211010

Servicing: AA125R, 063320004010, 063320005010, 063320006010, 063320010010, 063320028010, 063320047010, 063320056010, 063320073010

ID/ bearing hole 40.00



134424 S.R.E. Bracket

Replacing: 083603721010, 083602341010

Servicing: AA125R, 063320003010, 063320007010, 063320008010, 063320021010, 063320022010, 063320023010, 063320024010, 063320025010

ID/ bearing hole 25.00



134667 S.R.E. Bracket

Replacing: 54209807, 54206470, 54206469, 54206343, 054209807010, 054206343010

Servicing: A127, 054022130010, 054022425010, 054022495010, 054022564010, 054022575010, 054022582010, 054022649010, 054022689010

ID/ bearing hole 24.00



137188 S.R.E. Bracket

Replacing: 54208098, 54208090, 054208098010

Servicing: A127, 054022653010, 063324286010, 54022375, 54022608, 54022654, 54022662, 54022664

ID/ bearing hole 23.55

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#Available while stock last, * Program development.



137725 S.R.E. Bracket

Replacing: 54206024, 54206019, 054206024010

Servicing: A127-55A, 054022238010, 054022266010, 054022307010, 054022377010, 054022450010, 054022597010, 054022692010

ID/ bearing hole 24.00



138473 S.R.E. Bracket

Replacing: 083623581010, 083615891010, 083615871010

Servicing: A115I, 063321200010, 063321233010, 063321234010, 063321600010, 063321601010, 063321602010, 063321663010

ID/ bearing hole 37.00



138951 S.R.E. Bracket

Replacing: 083623631010, 083615991010

Servicing: A115I, 063321606010, 063321607010, 063321608010, 063321609010, 063321625010, 063321630010, 063321631010, 063321632010

ID/ bearing hole 35.00



231240 S.R.E. Bracket

Replacing: 083623501010

Servicing: A115I, 063341695010

ID/ bearing hole 37.00



231326 S.R.E. Bracket

Replacing: 083623841010

Servicing: A115I, 063321626010, 063321627010, 063321747010

ID/ bearing hole 18.00



231342 S.R.E. Bracket

Servicing: A127, 54022459, 54022498

ID/ bearing hole 36.00



231497# S.R.E. Bracket

Replacing: 54203700, 54203695

Servicing: A115, 24041, 24041A, 24041F, 24085, 24085A, 24087, 24087A, 24087D, 24147, 24147A, 24171, 24171A, 60921062

ID/ bearing hole 35.00



231498# S.R.E. Bracket

Replacing: 54203702, 54203680

Servicing: A115, 23983, 23983A, 23984A, 23985, 23985A, 23986, 23986A, 24023, 24023A, 24024, 24024A, 24024D, 24026, 24026A, 24027

ID/ bearing hole 35.00



231543 S.R.E. Bracket

Servicing: A127, 24329, 24330, 54022453, 54022453B, 54022454, 54022487, 54022543

ID/ bearing hole 35.00



231992 S.R.E. Bracket

Replacing: 083616611010

Servicing: A115I, 063321655010

ID/ bearing hole 37.00



233126 S.R.E. Bracket

Replacing: 083618331010

Servicing: A127IR, 054022669010, 063321343010, 063321344010, 063321345010, 063321346010, 063321347010, 063321461010, 063321462010

ID/ bearing hole 33.00



234176# S.R.E. Bracket

Servicing: A127, 54022464

ID/ bearing hole 12.25



234282 S.R.E. Bracket

Replacing: 083614611010
Servicing: A127I, 063321436010, 063321497010
ID/ bearing hole 37.00



234416[#] S.R.E. Bracket

Servicing: A127I, 24344, 54022434, 54022468
ID/ bearing hole 35.00



234494 S.R.E. Bracket

Replacing: 61202205
ID/ bearing hole 35.00



234633 S.R.E. Bracket

Replacing: 085561521010
Servicing: A127IR, 063321398010, 063321426010



235119 S.R.E. Bracket

Replacing: 083604791010
Servicing: A125R, 063320041010, 063320096010, 063321083010, 063321170010
ID/ bearing hole 31.94

Bracket Parts

Mounting Bushings

Pkg. 10



134775 Mounting Bushing

ID 8.00, **OD** 14.00, **Length** 20.00

Pkg. 5



136461 Mounting Bushing

Replacing: ASP0023, 54207056
Servicing: A127, 23984, 24028, 24066, 24157, 24157D, 24157F, 24158, 24161, 24182, 24188, 24198, 24199, 24206, 24208, 24209, 24215
ID 8.00, **OD** 13.50, **Length** 20.00

Pkg. 5



232063 Mounting Bushing

Servicing: A115I
ID 8.80, **OD** 15.00, **OD/ collar** 21.20, **Length** 25.00, **Height/ collar** 4.00

Bearing Retainer Plates

Pkg. 5



232059 Bearing Plate

Servicing: A115I
ID 28.00, **OD** 57.10, **Thickness** 2.00, **No./ mount. holes** 4, **Gasket** w/o

Pkg. 5



232060 Bearing Plate

Servicing: A115I
ID 28.00, **OD** 48.90, **Thickness** 2.00, **No./ mount. holes** 4

Bearing Caps

Pkg. 25



139952 Bearing Cap

Servicing: A115I
ID 35.00, **OD** 37.00, **Height** 14.00

Various



134038 Fitting Kit

Servicing: ACR, 23565, 23569, 23570, 23584, 23593, 23598, 23602, 23605, 23610, 23612, 23625, 23627, 23635, 23642, 23643, 23647
Bearing: HC-CARGO 140084, (6202).



134039 Fitting Kit

Servicing: ACR, 23548, 23565, 23566, 23568, 23569, 23570, 23573, 23583, 23584, 23585, 23591, 23592, 23593, 23595, 23598, 23600
Bearing: HC-CARGO 140091, (6302).

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.

Pkg. 5



232061 Spring Clip

Servicing: A115I

ID 8.50, **OD** 15.00, **Thickness** 1.00, **Material** Metal

Covers



130895 S.R.E. Cover

Replacing: 54219540, 54219322

Servicing: ACR, 23544, 23544A, 23544F, 23544H, 23548, 23548A, 23548D, 23548E, 23562, 23562A, 23562B, 23562D, 23563A, 23563B



131440# S.R.E. Cover

Replacing: 54204981

Servicing: A133, 23941, 23996, 24049, 24054, 24067, 24089, 24089A, 24090, 24096A, 24098, 24098A, 24114A, 24115A, 24116A, 24117A



131441 S.R.E. Cover

Replacing: ASP0030, 54204143, 54203759

Servicing: 23983, 23983A, 23984, 23984A, 23985, 23985A, 23986A, 24023, 24023A, 24024, 24024A, 24024D, 24026, 24026A, 24028, 24036A



132996 S.R.E. Cover

Replacing: 54203554

Servicing: A133, 23971A, 24101, 24101A, 24101D, 24102, 24102A, 24142, 24150, 24150A, 24150D, 24173, 24173A, 24176, 24176A, 24186



136114# S.R.E. Cover

Replacing: 54203006

Servicing: 22ACR, 23ACR, 25ACR, 23833, 23833A, 23861, 23861A, 23862, 23862A, 23863, 23863A, 23867, 23867A, 23867D, 23882, 23882A



138852 S.R.E. Cover

Servicing: A127I, 24329, 24330, 24344, 54022453, 54022454, 54022468, 54022487, 54022543



138892# S.R.E. Cover

Replacing: 54204182

Servicing: A133, 23996, 24020, 24020A, 24025, 24025A, 24034, 24034A, 24038, 24038A, 24049, 24049A, 24067, 24067A, 24068, 24068A



138921# S.R.E. Cover

Replacing: 54206277

Servicing: A127, 24214, 54022171



139531 S.R.E. Cover

Servicing: A127I, 54022459, 54022498



139855 S.R.E. Cover

Servicing: A127, 54022443, 54022521, 54022527, 54022549, 54022568



231100 S.R.E. Cover

Replacing: LTH110



231850 S.R.E. Cover

Replacing: 54201744

Servicing: 23ACR, 23835, 23835A, 23868A, 23869A, 23881A, 23967, 23967A, 24017A, 24018A, 24032A, 24044A, 24045A

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



234751 S.R.E. Cover

Replacing: 54209331

Servicing: A127I

Regulators

14 Volt



130611 Regulator

Replacing: ucb600

14.3 **V setting**, **Dist. mount. holes** 62.00, **D+ type** Spade, **Regulator type** Electronic

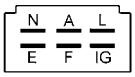




130615 Regulator

Replacing: ncj205, ncj201

14.3 **V setting**, **Dist. mount. holes** 118.00, **Regulator type** Electronic



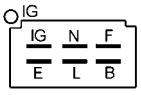


130620 Regulator

Replacing: ncj101

14.3 **V setting**, **Dist. mount. holes** 115.35, **Regulator type** Electronic

Mechanic: HC-CARGO 133387.



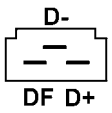


130627 Regulator

Replacing: ncj408, ncj400

Dist. mount. holes 115.80, **Regulator type** Electronic

Mechanic: HC-CARGO 135661.





130632 Regulator

Replacing: ncb213, ncb206, ncb202

14.4 **V setting**, **Dist. mount. holes** 68.00, **Regulator type** Electronic



130637 Regulator

Replacing: ucb147, ucb144, ucb135, ucb116, ucb114, ucb112, ucb100, 37587, 37581, 37566, 37565, 37561, 37558

Servicing: ACR, 23544, 23544H, 23548, 23562, 23562A, 23562B, 23562D, 23563A, 23563B, 23563D, 23565, 23565A, 23565B, 23566, 23566A

14.5 **V setting**



130639 Regulator

Replacing: ucb124, ucb123, ucb120, ucb118, ucb117, ucb111, ucb108, ucb106, ucb105, ucb104, ucb101, 37670

Servicing: ACR, 23697A, 23697B, 23697D, 23698A, 23698B, 23702A, 23702E, 23739A, 23739B, 23740A, 23740B, 23745A, 23746A, 23747A

14.2 **V setting**



130641 Regulator

Replacing: ucb119, ucb107, 37602

Servicing: ACR, 23697, 23739, 23740, 23763A, 23807, 23813A, 23813D, 23813E, 23814, 23814A, 23814D, 23814E, 23830, 23993, 24014

14.2 **V setting**



130642 Regulator

Replacing: ucb122, ucb121, ucb110, ucb109, ucb103, ucb102, 37680, 37678, 37654, 37652, 37628, 37613, 37612

Servicing: ACR, 23680A, 23680D, 23686A, 23686B, 23687A, 23687B, 23690A, 23690B, 23698A, 23698B, 23776A, 23783A, 23784A, 23785A

14.2 **V setting**



130651[#] Regulator

Replacing: ucb809, 581200330000, 21222128

Servicing: AA125, 063303703010, 063303720010, 063303721010, 063303722010, 063303731010, 063303733010, 063303780010, NAB304

14.7 **V setting**, **Dist. mount. holes** 27.55, **Regulator type** Electronic



130652 Regulator

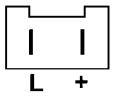
Replacing: ucb805, ucb802, 581200260000, 21932004, 21228081, 21222106

Servicing: AA125, NAB305

14.5 **V setting**, **Dist. mount. holes** 59.70

O.E.M. names and numbers are used for reference purposes only.

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[#]Available while stock last, ***** Program development.





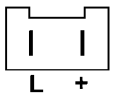
130655 Regulator

Replacing: ucb226

Servicing: NAB902

14.5 **V setting**, **Dist. mount. holes** 58.50, **Regulator type** Electronic

For single phase, 2 diode alternators.





130657 Regulator

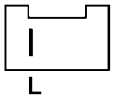
Replacing: ucb223, ucb218, ncb218

Servicing: 24215, 24249, 24277, 24298, 54022053, 54022142, 54022182, 54022211, 54022243, 54022335, 54022341, 54022353, 54022598

14.5 **V setting**, **Dist. mount. holes** 55.30, **Regulator type** Electronic

For 6 diode alternators.

Alternative no.: 130657Z, B130957





130661 Regulator

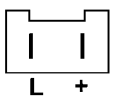
Replacing: ucb220

Servicing: 24209, 24242, 24294, 24387, 54022200, 54022242, 54022244, 54022262, 54022286, 54022306, 54022382, 54022383, 54022391

14.5 **V setting**, **Dist. mount. holes** 57.00, **Regulator type** Electronic

For 9 diode alternators.

Alternative no.: 130661Z, B130661





130663 Regulator

Replacing: ucb225

Servicing: 24157, 24157D, 24157F, 24208, 24276, 24296, 54022057, 54022164, 54022212, 54022219, 54022226, 54022280, 54022295

14.5 **V setting**, **Dist. mount. holes** 55.15

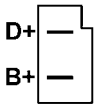


130664 Regulator

Replacing: ucb700

Servicing: 24161, 24228, 24241, 24290, 24297, 24380, 24390, 54022235, 54022390, 54022393, 54022510, 54022591, 54022646, 54022663

14.7 **V setting**, **Dist. mount. holes** 37.50





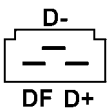
130668 Regulator

Replacing: ucb701

Servicing: 10SI, 12SI, 15SI, 17SI, 27SI, 24273, 54022336

14.7 **V setting**, **Dist. mount. holes** 33.00, **Regulator type** Electronic

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130675 Regulator

Replacing: ncb403

14.7 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic

Adjustable type: HC-CARGO 136325.



130676 Regulator

Replacing: ucb400, 581200300000, 581200240000

Servicing: AA108, 063300801010, 063300821010, 063300900010, 063300902010, 063300907010, 063300917010, 063300920010, 063300932010

14.7 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic

Alternative no.: 333253 5★, B130676



130679 Regulator

Replacing: ncb211, ncb209, ncb201

14.5 **V setting**, **Dist. mount. holes** 78.00, **Regulator type** Electronic

Triple phase.

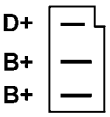




130835 Regulator

Replacing: ucj200

14.7 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** R-L





130849 Regulator

Replacing: ucb500

14.5 **V setting**, **Dist. mount. holes** 69.00



130883 Regulator

Replacing: RB340, ncb132, ncb130, 37573, 37572, 37570, 37563a, 37563, 37542, 37451, 37362, 37344

22 **Amp**, **Dist. mount. holes** 115.85, **Regulator type** Electronic

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All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

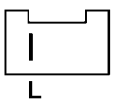
O.E.M. names and numbers are used for reference purposes only.



130884 Regulator

Replacing: ncb131, ncb121, 37574a, 37574, 37568, 37543, 37529, 37342

25 **Amp**, **Dist. mount. holes** 113.60





130926 Regulator

Replacing: ucb222, ucb221

14.5 **V setting**, **Dist. mount. holes** 44.00



130958 Regulator

Replacing: ucb409, ucb403

14.7 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic

Slip ring O.D. 28.00 mm.

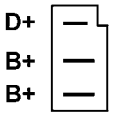
Alternative no.: 333254 5★, B130958



130964 Regulator

Replacing: ucb232

14.5 **V setting**, **Dist. mount. holes** 70.70, **Regulator type** Electronic

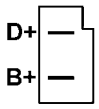




130974 Regulator

Replacing: ucb501

14.5 **V setting**, **Dist. mount. holes** 72.00





131044 Regulator

Replacing: ucb703

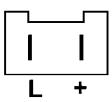
14.7 **V setting**, **Dist. mount. holes** 30.80



131046 Regulator

Replacing: ucb900

14.5 **V setting**, **Dist. mount. holes** 43.85, **Regulator type** Electronic





131066 Regulator

Replacing: ucb503

14.5 **V setting**, **Dist. mount. holes** 67.00



131145 Regulator

Replacing: ucb142, ucb139, ucb137, ucb134, ucb133, ucb129, ucb126, 37684, 37667, 37661, 37659, 37640, 37624

Servicing: A115, A133, 23941, 23971A, 23983, 23983A, 23984, 23984A, 23985, 23985A, 23986A, 23996, 23996A, 23996D, 23997A, 24023

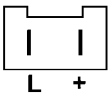
14.5 **V setting**, **Regulator type** Electronic



131209 Regulator

Replacing: ucb902

14.5 **V setting**, **Dist. mount. holes** 42.00, **Regulator type** Electronic





131222 Regulator

Replacing: ucb207, ucb206

14.5 **V setting**, **Dist. mount. holes** 66.00, **Regulator type** Electronic



131224 Regulator

Replacing: ucb506

14.5 **V setting**, **Dist. mount. holes** 66.15, **Regulator type** Electronic



131226 Regulator

Replacing: ucb243

14.5 **V setting**, **Dist. mount. holes** 64.70, **Regulator type** Electronic

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

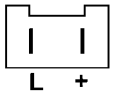


131277 Regulator

Replacing: ucb152, ucb151, ucb150, ucb148, 66201555, 54206688, 54206645, 54206448, 54206177, 54205986, 37703

Servicing: A127, 054022053010, 054022054010, 054022057010, 054022058010, 054022130010, 054022142010, 054022147010, 054022148010

14.5 **V setting**, **Dist. mount. holes** 49.00, **Regulator type** Electronic,
Not insulated return





131281# Regulator

Replacing: ucb231

14.5 **V setting**, **Dist. mount. holes** 66.35, **Regulator type** Electronic

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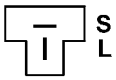
131283 Regulator

Replacing: ucb808, 581200220100, 581200220000, 21222127, 2122121

Servicing: AA125R-14V-65A, 063320001010, 063320002010, 063320003010, 063320004010, 063320005010, 063320006010, 063320007010

14.7 **V setting**, **Dist. mount. holes** 65.00, **Regulator type** Electronic

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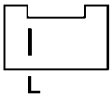




131289 Regulator

Replacing: ucj207

14.7 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L

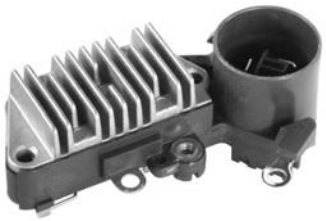




131375 Regulator

Replacing: ucb405

14.7 **V setting**, **Dist. mount. holes** 66.00, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.



131459 Regulator

Replacing: ucb412

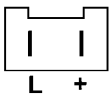
14.4 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic,
Terminal type S-IG-L
Repair circuit: HC-CARGO 133235. L-terminal drives the choke.



131477 Regulator

Replacing: ucb240, ucb228

14.5 **V setting**, **Dist. mount. holes** 54.40





131550 Regulator

Replacing: ucb227

14.5 **V setting**, **Dist. mount. holes** 64.50, **Regulator type** Electronic

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131660 Regulator

Replacing: ucb605

Dist. mount. holes 23.00, **Regulator type** Electronic



131684 Regulator

Replacing: ucb608

14 **V setting**, **Dist. mount. holes** 24.50, **Regulator type** Electronic

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132105 Regulator

Replacing: ucb138, ucb136, ucb128, ucb125, 37685, 37660, 37658, 37623, 37620

Servicing: A133, 23970A, 23970B, 23998A, 23999, 23999A, 23999B, 24010, 24010A, 24010B, 24011, 24011A, 24011B, 24027, 24027A

14.2 **V setting**



132106 Regulator

Replacing: ucb149, ucb140, ucb130, 37702, 37687, 37662, 37625

Servicing: 24071, 24071A, 24072, 24072A, 24072B, 24079, 24186, 24186A, 24186B, 24191, 24191A, 24210, 24210A, 24211, 24211A, 24236

14.3 **V setting**

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#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



132231 Regulator

Replacing: ucb511

14.5 **V setting**, **Dist. mount. holes** 68.00



132232 Regulator

Replacing: ucb502

14.5 **V setting**, **Dist. mount. holes** 68.00



132737 Regulator

Replacing: ucb406

14.7 **V setting**, **Dist. mount. holes** 63.85, **Regulator type** Electronic

Slip ring O.D. 28.00 mm.



133132[#] Regulator

Replacing: ucb235

14.5 **V setting**, **Dist. mount. holes** 66.00, **Regulator type** Electronic

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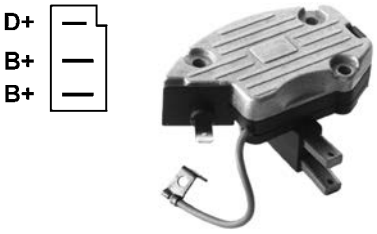


133492 Regulator

Replacing: ucb246

14.7 **V setting**, **Dist. mount. holes** 55.00, **D+ type** Screw

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133789 Regulator

Replacing: ucb153, 37735, 000028006010

Servicing: A127, 054022310010, 054022420010, 054022481010, 063324295010, 063324311010, 24246, 24246A, 24256, 24256A, 24256C

14.2 **V setting**,
Dist. mount. holes 50.00x30.00

Insulator: HC-CARGO 134955.



133956 Regulator

Replacing: 581200350000, 581200280000

Servicing: AA125R

14.6 **V setting**, **Dist. mount. holes** 66.50



136457 Regulator

Replacing: ucb812, 54209735, 28018, 24tr

Servicing: A127I, 24329, 24330, 24344, 54022453, 54022454, 54022459, 54022468, 54022487, 54022498, 54022521, 54022527, 54022543

14.7 **V setting**, **Dist. mount. holes** 54.90, **D+ type** Screw, **Regulator type** Electronic

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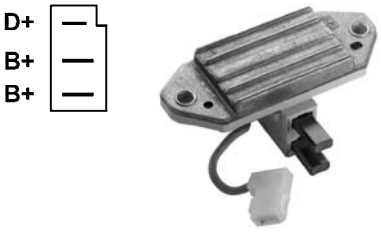
138789 Regulator

Replacing: 085563011010, 083631901010

Servicing: A127IM, 063320349010, 063321321010, 063321328010, 063321333010, 063321340010, 063321343010, 063321344010, 063321345010

14.7 **V setting**, **Dist. mount. holes** 56.30, **D+ type** Screw, **Regulator type** Electronic

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138795 Regulator

Replacing: 083603151010

Servicing: AA125R, 063320029010, 063321059010

14.7 **V setting**, **Dist. mount. holes** 65.00



138797 Regulator

Replacing: 54209305, 24tr/b

Servicing: A127I, 54022464

14.7 **V setting**, **Dist. mount. holes** 50.40, **D+ type** Screw, **Regulator type** Electronic

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139215 Regulator

Replacing: 000028019010

Servicing: A127, 054022574010, 054022665010, 054022693010, 063324403010, 063324404010

14.2 **V setting**, **Dist. mount. holes** 47.90, **Regulator type** Electronic

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139651 Regulator

Replacing: 54209276, 28015a

Servicing: A127I, 54022443

14.6 **V setting**, **Dist. mount. holes** 54.70, **D+ type** Screw, **Battery sensor** w/



230283 Regulator

Servicing: A127

14.5 **V setting**, **Dist. mount. holes** 47.25, **Regulator type** Electronic





230790 Regulator

Replacing: 085562541010, 083627781010

Servicing: A115I, 063341679010, 063377407010, 063377409010, 063377410010, 063377411010, 063377412010, 063377413010, 063377414010

14 **V setting**, **Dist. mount. holes** 73.90, **Regulator type** Electronic

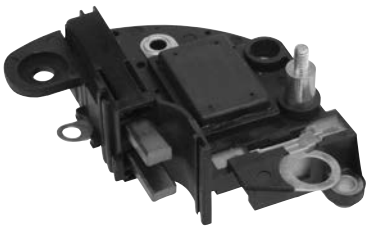


230800 Regulator

Replacing: 085562991010

Servicing: A115I, 063321760010, 063321827010, 063321838010

14.7 **V setting**, **Dist. mount. holes** 81.80, **Regulator type** Electronic, **Capacitor** w/

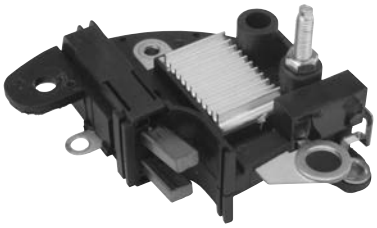


233634 Regulator

Replacing: 55561801

Servicing: A115I

Dist. mount. holes 67.00, **D+ type** Bolt, **Regulator type** Electronic, **Battery sensor** w/o, **Capacitor** w/, **Resistor** w/o, Not insulated return

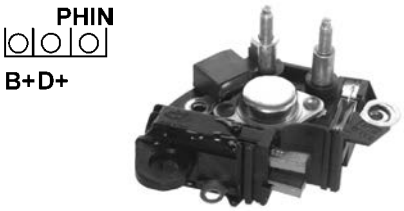


233635 Regulator

Replacing: 083631891010

Servicing: A115I, 063341238010, 063341239010, 063341727010

Dist. mount. holes 77.45



233636 Regulator

Replacing: 085563481010

Servicing: A115I, 063341658010

Dist. mount. holes 65.50, **Regulator type** Electronic

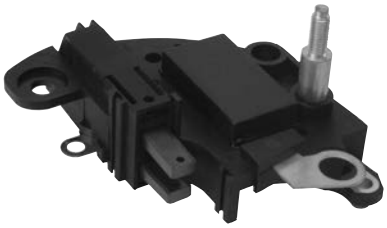


234744 Regulator

Replacing: 26938181a, 26938161a

Servicing: 26021117

Dist. mount. holes 26.60, **Regulator type** Electronic



236579 Regulator

Replacing: 085562881010, 085562731010

Servicing: A127IM, 063321494010, 063321507010, 063321712010, 063321713010, 063321718010, 063321761010, 063321763010, 063321765010

14.4 **V setting**, **Dist. mount. holes** 84.25, **D+ type** Bolt, **Regulator type** Electronic, **Capacitor** w/, **Resistor** w/o





238265 Regulator

Replacing: 085563491010

Servicing: A115IM, 063321733010, 063341733010, 063341734010, 063341740010, 063341829010, 063377300010

14.4 **V setting**, **Regulator type** Electronic, **Terminal type** DF-I, **Capacitor** w/, **Resistor** w/o



333253 5★ Regulator

Manufacturer: Bosch

Replacing: ucb400, 581200300000, 581200240000

Servicing: AA108

14.7 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic
Alternative no.: 130676



333254 5★ Regulator

Manufacturer: Bosch

Replacing: ucb409, ucb403

14.7 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.
Alternative no.: 130958, B130958

28 Volt



130610 Regulator

Replacing: ncb811, 2193008

28.3 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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130653 Regulator

Replacing: ucb807, 581200270000, 21222119
Servicing: AA125, 063308300010, 063308310010, 063308320010, 063308330010, 063308340010, 063308350010, 063308360010, 063308370010
28.3 **V setting**, **Dist. mount. holes** 58.40



130677 Regulator

Replacing: ncb407
28.3 **V setting**, **Dist. mount. holes** 39.25, **Terminal type** D-DF-D+



130678 Regulator

Replacing: ncb406
28.3 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic, **Terminal type** D-/DF/D+/L



130934 Regulator

Replacing: ucb505
28.3 **V setting**, **Dist. mount. holes** 68.50



130960 Regulator

Replacing: ucb404
28.3 **V setting**, **Dist. mount. holes** 65.50, **Regulator type** Electronic
Slip ring O.D. 28.00 mm.



131120 Regulator

Replacing: ucb237
28.3 **V setting**, **Dist. mount. holes** 57.40



131282 Regulator

Replacing: ucb810, 581200340000, 581200320000, 21222130
Servicing: AAD124
28.3 **V setting**, **Dist. mount. holes** 24.50



131286 Regulator

Replacing: ucb806, 581200200100, 21222123
Servicing: AA125R, 063320025010, 063320052010, 063320057010, 063320118010, 063321045010, 063321046010, 063321047010, 063321048010
28.3 **V setting**, **Dist. mount. holes** 66.40, **Regulator type** Electronic



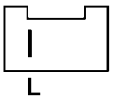
131300 Regulator

Replacing: ucb239
28.3 **V setting**, **Dist. mount. holes** 38.80, **Regulator type** Electronic



131685 Regulator

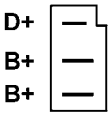
Replacing: ucb609
28 **V setting**, **Dist. mount. holes** 24.00, **Regulator type** Electronic





133322 Regulator

Replacing: ucb242
28.3 **V setting**, **Dist. mount. holes** 56.50





135231 Regulator

Replacing: ucb155, 84959, 66201595, 000028002010
Servicing: A127, 054022578010, 054022711010, 063324299010, 54022415, 54022619, NAB901, NAB903
28.2 **V setting**, **Dist. mount. holes** 48.50

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138796 Regulator

Replacing: 083606411010

Servicing: AA125R, 063320060010, 063320114010, 063321115010, 063321158010, 063321161010, 063321162010, 063321163010, 063321168010

28.5 **V setting**, **Dist. mount. holes** 62.00, **D+ type** Screw



232636 Regulator

Servicing: A127, 54022667, 54022670

28.3 **V setting**, **Dist. mount. holes** 57.00, **D+ type** Screw



235728 Regulator

Replacing: 66202746

28.11 **V setting**, **Dist. mount. holes** 56.00, **Regulator type** Electronic, **Capacitor** w/o, **Resistor** w/o, Not insulated return

I.C.Regulators

14 Volt



130834 Repair Circuit

Replacing: ucj101

Dist. mount. holes 49.20, **Regulator type** Electronic, **Terminal type** B-S-L-F-E

Regulator Parts

Various

Pkg. 50



139632 Regulator Screw

Replacing: 54128156

Servicing: A127, 24158, 24206, 24209, 24220, 24233, 24242, 24262, 24274, 24294, 24299, 24322, 24387, 54022158, 54022160, 54022197

Thread M4, **Total length** 32.75, **Thread length** 29.50

Brush Boxes



130693 Brush Box

Replacing: ulb419

14 **V**, **OD** 66.70



130696 Brush Box

Replacing: ulb430, ulb422

14 **V**, **OD** 60.10



130697 Brush Box

Replacing: ulb424, ulb418, ulb417

14 **V**



130699 Brush Box

Replacing: ulb201

14 **V**, **OD** 32.40



130703 Brush Box

Replacing: ulb814, ulb811

Servicing: A124N, A12M

14/28 **V**



130704 Brush Box

Replacing: ulb813

Servicing: AA125

14 **V**, **OD** 48.45



130712 Brush Box

Replacing: ulb700

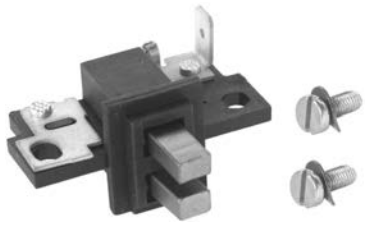
14 **V**



130713 Brush Box

Replacing: ulb238

14 **V**, **OD** 53.00



130933 Brush Box

Replacing: ulb653, ulb650

14 **V**, **OD** 44.80



130943# Brush Box

Replacing: ulb220

14 **V**, **OD** 41.75



130973 Brush Box

Replacing: ulb701

14 **V**



131554 Brush Box

Replacing: ulb815

Servicing: AA124

14 **V**, **OD** 33.55



131557 Brush Box

Replacing: ulb236

14 **V**, **OD** 66.00



131703 Brush Box

Replacing: ulb812

Servicing: A125

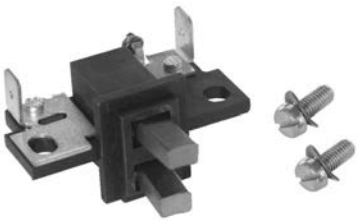
14 **V**, **OD** 47.90



131704 Brush Box

Replacing: ulb237

14 **V**, **OD** 54.00



132317 Brush Box

Replacing: ulb654

14 **V**, **OD** 44.70



132738 Brush Box

Replacing: ulb605

14 **V**, **OD** 31.70



133179 Brush Box

Replacing: ulb423

14 **V**



234930 Brush Box

Replacing: aså0005, 54203529

Servicing: A115, A133, 23969A, 23969B, 23970A, 23970B, 23971A, 23983, 23983A, 23984, 23984A, 23985, 23985A, 23986A, 23996A, 23996D

Brush set: HC-CARGO 140161, 140444.

Brush Box Parts

Brush Sets



140161 Brush Set

Replacing: ulb105, 60600780

Servicing: A115, A133, 23983, 23983A, 23984A, 23985A, 23986A, 23996A, 23996D, 23997A, 23998A, 23999A, 23999B, 24020A, 24023A

14 **V**, **Length** 20.00/22.00, **Lead length** 37.50, **Height** 7.00, **Thickness** 4.00



140342 Brush Set

Replacing: ulj120, ulj116, ulj111

14 **V**, **Length** 16.50, **Lead length** 61.50, **Height** 7.00, **Thickness** 5.00



140351 Brush Set

Replacing: ulj202

14 **V**, **Length** 17.50/18.50, **Lead length** 50.50, **Height** 7.00, **Thickness** 6.00

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#Available while stock last, * Program development.



140352 Brush Set

Replacing: ulj204

14 **V**, **Length** 18.50/19.50, **Lead length** 53.00, **Height** 7.00, **Thickness** 6.00



140354 Brush Set

Replacing: ulj208

14 **V**, **Length** 23.00, **Lead length** 58.00, **Height** 7.00, **Thickness** 6.00

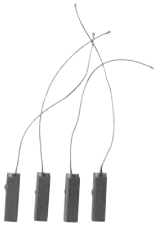


140365 Brush Set

Replacing: ulj400

14 **V**, **Length** 16.50/18.00, **Lead length** 52.00, **Height** 8.00, **Thickness** 5.00

Pkg. 10



140367 Brush Set

Replacing: ulj424

14 **V**, **Length** 17.50, **Lead length** 62.00, **Height** 5.00, **Thickness** 4.00/4.00

Pkg. 10



140368 Brush Set

Replacing: ulj403

14 **V**, **Length** 22.50, **Lead length** 62.00, **Height** 8.00, **Thickness** 5.00



140369 Brush Set

Replacing: ulj404

14 **V**, **Length** 27.00/28.00, **Lead length** 75.00, **Height** 8.00, **Thickness** 5.00



140371 Brush Set

Replacing: ulj441, ulj436

14 **V**, **Length** 15.00, **Lead length** 51.50, **Height** 7.00, **Thickness** 5.00

Pkg. 10



140372 Brush Set

Replacing: ulj409

14 **V**, **Length** 18.50/20.00, **Lead length** 51.60, **Height** 10.00, **Thickness** 5.00



140380 Brush Set

Replacing: ulj167

14 **V**, **Length** 20.50/21.50, **Lead length** 62.30, **Height** 7.00, **Thickness** 5.00



140437 Brush Set

Replacing: ulj246

14 **V**, **Length** 18.00, **Lead length** 50.00, **Height** 8.00, **Thickness** 5.00



140444 Brush Set

Replacing: ulb113, ulb106, ulb104, 60600967, 60600786, 60600779

Servicing: A115, A133, 23969A, 23969B, 23970A, 23970B, 23971A, 24010A, 24010B, 24011A, 24011B, 24041, 24041A, 24041F, 24046A

14 **V**, **Length** 20.00/22.00, **Lead length** 36.50, **Height** 7.00, **Thickness** 4.00



140613 Brush Set

Replacing: 54202906, 140613

Servicing: A127, 24158, 24209, 24242, 24262, 24294, 24322, 24387, 54022160, 54022167, 54022195, 54022200, 54022225, 54022242

14 **V**, **Length** 20.00/22.00, **Lead length** 40.00, **Height** 7.00, **Thickness** 4.00

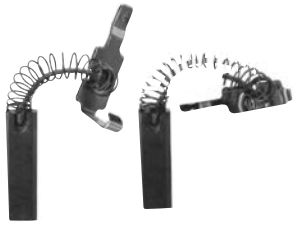


140895 Brush Set

Replacing: 140895

Servicing: A127I, 24329, 24330, 24344, 54022443, 54022453, 54022454, 54022459, 54022464, 54022468, 54022487, 54022498, 54022521

14 **V**, **Length** 20.00/22.00, **Lead length** 34.00, **Height** 7.00, **Thickness** 4.00



140923 Brush Set

Replacing: 54380877, 140923

Servicing: A127

14 **V**, **Length** 23.00, **Lead length** 29.50, **Height** 7.00, **Thickness** 4.00



142321 5★ Brush Set

Manufacturer: Bosch

Replacing: ulb428

14 **V**, **Length** 15.50, **Lead length** 44.20, **Height** 8.00, **Thickness** 5.00
Alternative no.: BX1852



142322 5★ Brush Set

Manufacturer: Bosch

Replacing: ulb408

14/28 **V**, **Length** 19.50, **Lead length** 47.00, **Height** 8.00, **Thickness** 5.00
Alternative no.: BX2022



142330 5★ Brush Set

Manufacturer: Bosch

Replacing: ulb429

14/28 **V**, **Length** 19.50, **Lead length** 53.00, **Height** 8.00, **Thickness** 5.00
Alternative no.: BX2042



BX1822 Brush Set

Replacing: ulb400

14 **V**, **Length** 17.00, **Lead length** 38.00, **Height** 10.00, **Thickness** 5.00
Alternative no.: B182



BX1852 Brush Set

Replacing: ulb428

14 **V**, **Length** 15.50, **Lead length** 44.20, **Height** 8.00, **Thickness** 5.00
Alternative no.: 142321 5★, B185



BX1982 Brush Set

Replacing: ulb406

28 **V**, **Length** 17.00, **Lead length** 39.00, **Height** 10.00, **Thickness** 5.00



BX2022 Brush Set

Replacing: ulb408

14/28 **V**, **Length** 19.50, **Lead length** 47.00, **Height** 8.00, **Thickness** 5.00
Alternative no.: 142322 5★



BX2042 Brush Set

Replacing: ulb429

14/28 **V**, **Length** 19.50, **Lead length** 53.00, **Height** 8.00, **Thickness** 5.00
Alternative no.: 142330 5★, B204



LAX302 Brush Set

Replacing: ulb109, 54215076

Servicing: 10AC, 11AC, 23504F, 23504K, 23507A, 23507L, 23517A, 23517E, 23518A, 23518E, 23519A, 23519E, 23521A, 23521E, 23522B

Length 17.90, **Lead length** 22.00, **Height** 7.90, **Thickness** 4.60



LAX31-322 Brush Set

Replacing: ulb110, 54219368

Servicing: ACR, 23562A, 23562B, 23562D, 23563A, 23563B, 23563D, 23565A, 23565B, 23566A, 23568A, 23569A, 23569B, 23570A, 23570B

14 **V**, **Length** 12.70, **Lead length** 19.00, **Height** 4.60, **Thickness** 4.60

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LAX312 Brush Set

Replacing: ulb108, 54218706

Servicing: ACR, 23544, 23544A, 23544F, 23544H, 23548A, 23548D, 23548E, 23562, 23575, 23581, 23590, 23595A, 23597, 23614, 23620

14 **V**, **Length** 12.70, **Lead length** 17.52, **Height** 4.60, **Thickness** 4.60
Alternative no.: LA31



PX502 Brush Set

Replacing: ulb218

6/24 **V**, **Length** 14.00, **Lead length** 22.00, **Height** 7.00, **Thickness** 5.00



PX52-542 Brush Set

Replacing: ulb205

Length 19.00, **Lead length** 79.00, **Height** 7.00, **Thickness** 5.00



UX67-682 Brush Set

Replacing: ulb240

14 **V**, **Length** 13.00, **Lead length** 26.50, **Height** 6.50, **Thickness** 5.50



UX79-802 Brush Set

Replacing: ulb243

14 **V**, **Length** 15.00, **Lead length** 29.50, **Height** 6.00, **Thickness** 4.50

Brushes

Pkg. 100



B140371 Brush

Replacing: ulj441, ulj436

14 **V**, **Length** 15.00, **Lead length** 51.50, **Height** 7.00, **Thickness** 5.00

Pkg. 100



LA31 Brush

Replacing: LAX312

14 **V**, **Length** 12.52, **Lead length** 17.29, **Height** 4.49, **Thickness** 4.49
Alternative no.: LAX312

Pkg. 100

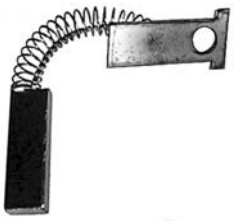


LA32 Brush

Replacing: LAX322

14 **V**, **Length** 12.75, **Lead length** 18.00, **Height** 4.45, **Thickness** 4.45

Pkg. 100



LA80 Brush

Replacing: LAX802

14 **V**, **Length** 19.40, **Lead length** 38.00, **Height** 6.90, **Thickness** 3.95
Alternative no.: LAX802

Pkg. 100



LA81# Brush

Replacing: LAX812

14 **V**, **Length** 19.55, **Lead length** 36.00, **Height** 6.95, **Thickness** 3.95
Alternative no.: LAX812

Rectifiers



130364 Rectifier

Replacing: ubb810

Servicing: A124N, A12M, A124

35 **Amp/ diode**, **B+/ threaded** M6, **ID** 48.70, **OD** 110.00, **B+ type** Bolt, **No./ diodes** 3



130594 Rectifier

Replacing: ubb404

Servicing: 24216, 54022318

35 **Amp/ diode**, **B+/ threaded** M6, **ID** 32.35, **OD** 90.00, **Mount. dist.** 75.00, **No./ diodes** 6, **Capacitor** w/o

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130596 Rectifier

Replacing: ubb401

Servicing: 54022351, 54022513, 54022516, 54022539, 54022556, 54022558

35 **Amp/ diode**, **ID** 33.00, **OD** 90.00, **Mount. dist.** 75.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o



130597 Rectifier

Replacing: ubb414

Servicing: 24161, 24228, 24241, 24290, 24297, 24380, 24390, 54022235, 54022390, 54022393, 54022510, 54022646, 54022663

35 **Amp/ diode**, **B+/ threaded** 9.40, **ID** 32.15, **OD** 90.00, **Mount. dist.** 75.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o



130602 Rectifier

Replacing: ubb415

Servicing: 54022537, 54022557, 54022565, 54022615

35 **Amp/ diode**, **B+/ threaded** M6/34.00, **ID** 36.90, **OD** 114.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o



130603 Rectifier

Replacing: ubb411

Servicing: 24286, 54022608, 54022653, 54022654, 54022662, 54022664

35 **Amp/ diode**, **ID** 36.85, **OD** 114.00, **Mount. dist.** 85.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o



130618 Rectifier

Replacing: ubj102

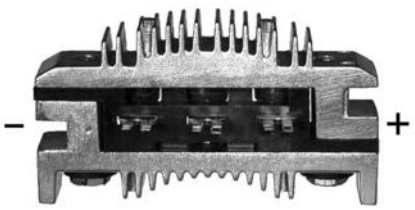
35 **Amp/ diode**, **No./ diodes** 6, **Capacitor** w/o



130633 Rectifier

Replacing: ubb209, ubb201

35 **Amp/ diode**, **OD** 74.00, **No./ diodes** 6, **Capacitor** w/o



130634 Rectifier

Replacing: ubb204

35 **Amp/ diode**, **OD** 74.00, **No./ diodes** 6, **Capacitor** w/o



130643 Rectifier

Replacing: ubb110, ubb109, 84443, 83844, 83842, 83520, 83334, 83166

Servicing: ACR, 23544, 23548, 23548A, 23548D, 23548E, 23562, 23565, 23566, 23568, 23569, 23570, 23573, 23575, 23581, 23583, 23584

35 **Amp/ diode**, **OD** 115.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o
Alternative no.: B130643



130644 Rectifier

Replacing: ubb108, 84460, 84125, 83962, 83192, 83178, 83062

Servicing: ACR, 23544, 23544A, 23544F, 23544H, 23548A, 23548D, 23548E, 23562, 23562A, 23562B, 23562D, 23563A, 23563B, 23563D

25 **Amp/ diode**, **OD** 48.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o



130645 Rectifier

Replacing: ubb111, 84459, 84124, 83295

Servicing: ACR, 23745A, 23747A, 23748A, 23748E, 23750A, 23793A, 23793B, 23795A, 23795D, 23796A, 23796D, 23797A, 23797D, 23804A

25 **Amp/ diode**, **OD** 48.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o



130646 Rectifier

Replacing: ubb113, 84718, 83633, 83442, 83422

Servicing: 23, 25ACR, 23835, 23835A, 23838A, 23859A, 23864A, 23868A, 23869A, 23876A, 23876B, 23877A, 23881A, 23957A, 23958A, 23967

35 **Amp/ diode**, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



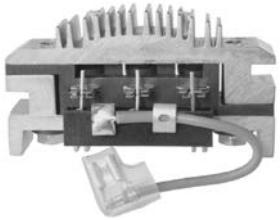
130647 Rectifier

Replacing: ubb130, 84717, 83634, 83452

Servicing: 22, 23, 25ACR, 23833A, 23861A, 23862, 23862A, 23863A, 23867A, 23867D, 23882, 23882A, 23882B, 23883A, 23883B, 23884A

35 **Amp/ diode**, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o

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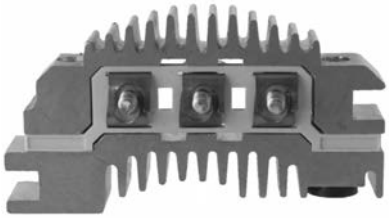


130650 Rectifier

Replacing: ubb806, 064826040010

Servicing: AA108, 063300515010, 063300905010, 063305000010, 063305020010, 063305120010, 063305122010, 063305123010, 063305130010

35 **Amp/ diode**, **OD** 74.00, **No./ diodes** 6 *Thickness 17.50 mm.*



130667 Rectifier

Replacing: ubb701

Servicing: 24246, 24256, 54022310, 54022481

25 **Amp/ diode**, **OD** 83.00, **No./ diodes** 6, **Capacitor** w/o

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130839 Rectifier

Replacing: ubb245

35 **Amp/ diode**, **OD** 95.00, **No./ diodes** 3, **Capacitor** w/o

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130980 Rectifier

Replacing: ubb506

14 **V**, 35 **Amp/ diode**, **OD** 101.00, **No./ diodes** 6, **Capacitor** w/o

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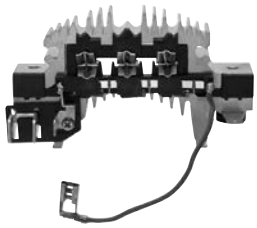


130981 Rectifier

Replacing: ubb501

14 **V**, 35 **Amp/ diode**, **OD** 95.00, **Mount. dist.** 65.00, **No./ diodes** 6, **Capacitor** w/o

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131135 Rectifier

Replacing: ubb505

35 **Amp/ diode**, **B+/ threaded** 9.40, **D+ threaded** 6.30, **OD** 100.00, **Mount. dist.** 80.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o

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131164 Rectifier

Replacing: ubb233

50 **Amp/ diode**, **ID** 43.00, **OD** 115.00, **Mount. dist.** 85.00, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/



131228 Rectifier

Replacing: ubb232

35 **Amp/ diode**, **ID** 43.00, **OD** 116.00, **Mount. dist.** 85.00, **W type** Spade, **No./ diodes** 6, **Capacitor** w/



131303 Rectifier

Replacing: ubb124, ubb120, ubb117, 84761, 84760, 84757, 83784, 83757, 83670, 83565

Servicing: A115, A133, 24041, 24041A, 24041F, 24060, 24060A, 24167, 24167A, 24168, 24168A, 24171, 24171A, 60921062

35 **Amp/ diode**, **B+/ threaded** M6/16.00, **OD** 115.00, **Mount. dist.** 100.00, **B+ type** Bolt, **D+ type** Plug, **No./ diodes** 6, **Capacitor** w/o

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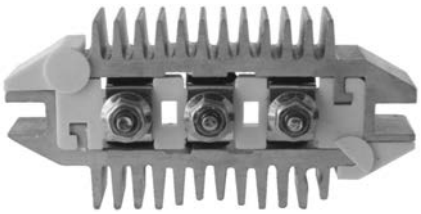


131304 Rectifier

Replacing: ubb144, ubb143, ubb141, ubb135, ubb133, 84889, 84885, 84855, 84499, 84457, 84455, 84454, 84422

Servicing: A127, 054022053010, 054022054010, 054022057010, 054022058010, 054022142010, 054022147010, 054022148010, 054022160010

35 **Amp/ diode**, **W thread** M5, **B+/ threaded** M6/36.30, **D+ threaded** M5/31.40, **ID** 47.70, **OD** 115.00, **Mount. dist.** 75.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **No./ diodes** 6, **Capacitor** w/o
Alternative no.: B131304



131458 Rectifier

Replacing: ubb703

25 **Amp/ diode**, **OD** 80.50,
Mount. dist. 71.50,
No./ diodes 6, **Capacitor** w/o
Only used w/ HC-CARGO: 132929. White plastic base.



131505 Rectifier

Replacing: ubb813, ubb812, 063623001010, 063622601010, 063621603010, 063621503010
Servicing: AA125R, 063320001010, 063320002010, 063320003010, 063320004010, 063320005010, 063320006010, 063320007010, 063320008010

35 **Amp/ diode**, **B+/ threaded** M6/11.50, **OD** 83.00, **Mount. dist.** 68.00, **B+ type** Screw, **No./ diodes** 6



131559 Rectifier

Replacing: ubb417

35 **Amp/ diode**, **ID** 37.00, **OD** 114.00, **Mount. dist.** 85.00, **W type** Spade, **No./ diodes** 6, **Capacitor** w/o



131564 Rectifier

Replacing: ubb601, 21223056
Servicing: A124

35 **Amp/ diode**, **ID** 41.00, **OD** 110.00, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



131565 Rectifier

Replacing: ubb511

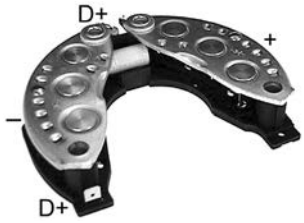
35 **Amp/ diode**, **OD** 101.00, **Mount. dist.** 53.00, **No./ diodes** 6, **Capacitor** w/o



131568 Rectifier

Replacing: ubb236

50 **Amp/ diode**, **ID** 46.00, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



131569 Rectifier

Replacing: ubb242, ubb240

50 **Amp/ diode**, **ID** 37.10, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/
82 Ohm resistor.



131570 Rectifier

50 **Amp/ diode**, **ID** 41.85, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/
330 Ohm resistor.



131573 Rectifier

Replacing: ubb238

35 **Amp/ diode**, **ID** 46.00, **OD** 115.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/



131577# Rectifier

Replacing: ubb241

35 **Amp/ diode**, **ID** 31.40, **OD** 97.60, **Mount. dist.** 65.00, **No./ diodes** 4, **Capacitor** w/o



131578 Rectifier

Replacing: ubb239

25 **Amp/ diode**, **ID** 43.50, **OD** 98.00, **Mount. dist.** 65.00, **B+ type** Spade, **No./ diodes** 6, **Capacitor** w/o



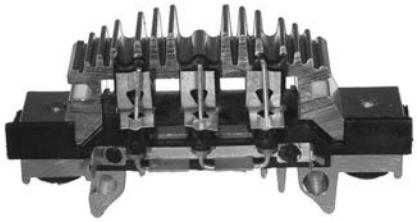
131598 Rectifier

Replacing: ubj106

35 **Amp/ diode**, **B+/ threaded** M5/20.10, **ID** 42.00, **OD** 118.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

O.E.M. names and numbers are used for reference purposes only.

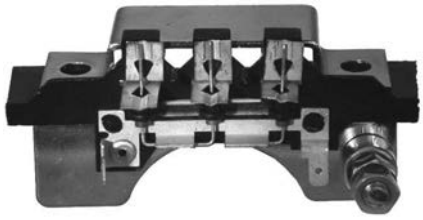
All measurements are in mm, unless else stated.
#Available while stock last, * Program development.



131698 Rectifier

Replacing: ubb512, ubb503

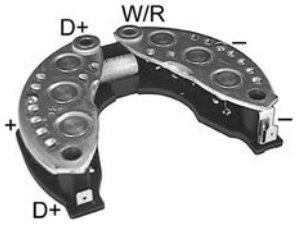
35 **Amp/ diode**, **B+/ threaded** M6, **OD** 100.00, **Mount. dist.** 53.00, **No./ diodes** 6



131699 Rectifier

Replacing: ubb509

35 **Amp/ diode**, **B+/ threaded** M6, **OD** 95.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



131701 Rectifier

Replacing: ubb235

35 **Amp/ diode**, **ID** 39.50, **OD** 115.00, **Mount. dist.** 85.00, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/



132718 Rectifier

Replacing: ubb140, 84486, 84456, 000084456010

Servicing: A127, 054022130010, 054022301010, 054022394010, 054022420010, 054022425010, 054022436010, 054022495010, 054022555010

35 **Amp/ diode**, **B+/ threaded** M6/41.00, **D+ threaded** M5/24.55, **OD** 115.00, **B+ type** Screw, **D+ type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



132720 Rectifier

Replacing: ubb136, 84468

Servicing: A127, 24203, 24203A, 24214, 24214A, 54022128, 54022171

35 **Amp/ diode**, **W thread** M5, **B+/ threaded** M6, **OD** 115.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



132721 Rectifier

Replacing: ubb137, 84886, 84469, 000084886010, 000084469010

Servicing: A127, 054022197010, 054022198010, 054022232010, 054022251010, 054022275010, 054022290010, 054022314010, 054022317010

35 **Amp/ diode**, **W thread** M5/25.50, **B+/ threaded** M6, **D+ threaded** M4, **ID** 48.15, **OD** 115.00, **Mount. dist.** 71.50, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



132985 Rectifier

Replacing: ubb237

35 **Amp/ diode**, **ID** 44.20, **OD** 115.00, **Mount. dist.** 85.00, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/



133429 Rectifier

Replacing: ubb131, ubb119, 83763, 83548

Servicing: A133, 23970, 23970A, 23970B, 23971, 23971A, 24056, 24056A, 24056B, 24101, 24101A, 24101D, 24101E, 24102, 24102A, 24102E

35 **Amp/ diode**, **B+/ threaded** M6/21.30, **OD** 122.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6



133430 Rectifier

Replacing: ubb147, 84888

Servicing: A127, 24255, 24255A, 24255C, 24287, 24287A

35 **Amp/ diode**, **B+/ threaded** M6/46.00, **D+ threaded** M5/24.45, **ID** 43.60, **OD** 115.00, **B+ type** Screw, **D+ type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



133431 Rectifier

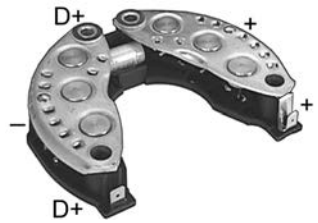
Replacing: ubb139, 84641, 84113

Servicing: A133, 24146, 24146A, 24194, 24194A, 24197, 24197A, 24218, 24218A, 24222, 24222A, 24229, 24229A, 24229D, 24236, 24238

35 **Amp/ diode**, **B+/ threaded** M6/21.30, **ID** 62.30, **OD** 122.00, **Mou nt. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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133687 Rectifier

Replacing: ubb234

50 **Amp/ diode**, **ID** 45.00, **OD** 116.00, **Mount. dist.** 86.80, **No./ diodes** 6, **Capacitor** w/



134845 Rectifier

Replacing: ubb129, ubb123, ubb115, 84768, 84759, 84758, 84719, 83646, 83642, 83563

Servicing: A115, 23895, 23983, 23983A, 23984, 23984A, 23985, 23985A, 23986, 23986A, 24023, 24023A, 24024, 24024A, 24024D, 24026

35 **Amp/ diode**, **OD** 115.00, **Mount. dist.** 100.00, **No./ diodes** 6



134846 Rectifier

Replacing: ubb127, ubb121, ubb116, 84767, 84720, 83645, 83623, 83567

Servicing: A133, 23941, 23996, 23996A, 23996D, 23997, 23997A, 23998, 23998A, 23999, 23999A, 23999B, 24020, 24020A, 24025, 24025A

35 **Amp/ diode**, **OD** 115.00, **Mount. dist.** 100.00, **No./ diodes** 6, **Capacitor** w/o

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134847 Rectifier

Replacing: ubb126, ubb118, 84766, 84765, 83571, 83569

Servicing: A133, 23969, 23969A, 23969B, 24010, 24010A, 24010B, 24011, 24011A, 24011B, 24046, 24046A, 24046D, 24047, 24047A, 24047D

35 **Amp/ diode**, **B+/ threaded** M6/15.60, **OD** 115.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

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136324 Rectifier

Replacing: 84976, 000028506010, 000028500010

Servicing: A127, 054022608010, 054022653010, 054022654010, 063324286010, 063324411010, 54022375

35 **Amp/ diode**, **W thread** M5, **B+/ threaded** M6/47.00, **D+ threaded** M5/28.00, **ID** 50.55, **OD** 115.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o

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136458 Rectifier

Replacing: 083610231010

Servicing: A127, 063321227010, 063321229010, 063321231010, 063321232010, 063321237010, 063321241010, 063321245010, 063321246010

B+/ threaded M8/52.00, **ID** 56.30, **OD** 104.00, **Mount. dist.** 68.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/o

Spacer: HC-CARGO 235288.



136666 Rectifier

Replacing: ubb145, 84572, 000084572010

Servicing: A127, 054022307010, 054022318010, 054022322010, 054022323010, 054022377010, 054022378010, 054022450010, 054022597010

35 **Amp/ diode**, **W thread** M5/15.45, **B+/ threaded** M6/33.00, **D+ threaded** M4/18.00, **OD** 115.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **No./ diodes** 6, **Capacitor** w/o

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136675 Rectifier

Replacing: 063622001010

Servicing: AA125R, 063320042010, 063320046010, 063321084010, 063321096010

35 **Amp/ diode**, **B+/ threaded** M6/11.60, **OD** 83.20, **Mount. dist.** 71.50, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

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136740 Rectifier

Servicing: A127, 24326, 24329, 24330, 24344, 540222443, 54022244B, 540222459, 54022443, 54022453, 54022454, 54022459, 54022468

35 **Amp/ diode**, **B+/ threaded** M6/8.00, **OD** 106.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

Gasket: HC-CARGO 230375.

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

Available while stock last, * Program development.



138377 Rectifier

Replacing: UBB814, 085552105010, 063624201010

Servicing: A127IR, 063321310010, 063321315010, 063321316010, 063321328010, 063321331010, 063321332010, 063321340010, 063321349010

50 **Amp/ diode**, **B+/ threaded** M8/35.00, **ID** 70.00, **OD** 122.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.
Alternative no.: B138377



138790 Rectifier

Replacing: 063623601010

Servicing: A127IM, 063321353010, 063341353010, 063341354010

50 **Amp/ diode**, **B+/ threaded** M8/30.70, **OD** 122.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



138792 Rectifier

Replacing: 063623602010

Servicing: A127IM, 063321321010, 063321333010, 063321351010, 063321352010, 063341321010, 063341333010, 063341351010, 063341352010

50 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 122.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6
w/ terminal W.



138800 Rectifier

Replacing: 063623701010

Servicing: A127IM, 063321240010

50 **Amp/ diode**, **B+/ threaded** M8/31.00, **OD** 122.00, **Mount. dist.** 80.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



138801 Rectifier

Replacing: 063624202010

Servicing: A127IR, 054022669010, 063320349010, 063321343010, 063321344010, 063321345010, 063321346010, 063321347010, 063321462010

50 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 122.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



138808 Rectifier

Replacing: ubb138, 84574, 000084574010

Servicing: A127, 054022238010, 054022437010, 054022458010, 054022510010, 054022536010, 054022591010, 054022592010, 054022631010

35 **Amp/ diode**, **B+/ threaded** M6/28.00, **D+ threaded** M5/29.00, **ID** 47.25, **OD** 115.00, **Mount. dist.** 80.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6



139214 Rectifier

Replacing: 063624801010

Servicing: A115I, 063321200010, 063321204010, 063321205010, 063321233010, 063321234010, 063321235010, 063321252010, 063321270010

50 **Amp/ diode**, **B+/ threaded** M8/37.80, **OD** 112.00, **Mount. dist.** 80.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



139218 Rectifier

Replacing: 063622901010

Servicing: AA125R, 063320060010, 063320114010, 063321115010, 063321158010, 063321161010, 063321162010, 063321163010, 063321168010

35 **Amp/ diode**, **B+** M8/10.30, **B+/ threaded** M8/10.30, **OD** 83.25, **Mount. dist.** 71.76, **B+ type** Screw, **Diode type** Zener, **No./ diodes** 6, **Capacitor** w/o



230119 Rectifier

Replacing: 063624802010

Servicing: A115I, 063341238010, 063341666010

50 **Amp/ diode**, **B+/ threaded** M6/38.00, **OD** 112.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



231025 Rectifier

Replacing: 085552110010

Servicing: A115I, 063321600010, 063321601010, 063321604010, 063321605010, 063321606010, 063321607010, 063321608010, 063321612010

50 **Amp/ diode**,
B+/ threaded M8/37.00, **OD** 107.00,
Mount. dist. 85.00, **B+ type** Screw,
Diode type Avalanche, **No./ diodes** 6



231485 Rectifier

Replacing: ubb122, 83643

Servicing: A115, 23895, 23983, 23984, 23986, 24023, 24024, 24036, 24036A, 24037, 24037A, 24037B, 24038, 24046, 24047, 24048, 24049

OD 115.00, **Mount. dist.** 100.00,
No./ diodes 6, **Capacitor** w/o
w/ terminal W.



233792 Rectifier

Replacing: 063626002010

Servicing: A115I, 063341746010

50 **Amp/ diode**,
B+/ threaded M6/16.00, **OD** 108.00,
Mount. dist. 85.00, **B+ type** Screw,
Diode type Avalanche, **No./ diodes** 6



234745 Rectifier

Replacing: 26991540, 26948040a

Servicing: 26021117

B+/ threaded M6/35.85,
D+ threaded M5/27.90, **ID** 43.10,
OD 112.80, **Mount. dist.** 100.00,
B+ type Screw, **D+ type** Screw,
No./ diodes 6, **Capacitor** w/o

85 mm



130833 Rectifier

Replacing: ubj219

14 **V**, 35 **Amp/ diode**,
OD 98.50, **Mount. dist.** 85.00,
No./ diodes 6, **Capacitor** w/o

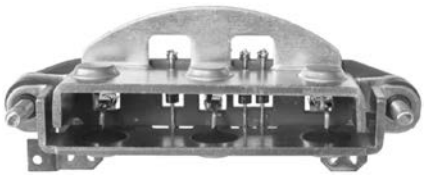


131544[#] Rectifier

Replacing: ubj292

35 **Amp/ diode**, **B+/ threaded** M5,
OD 98.00, **Mount. dist.** 85.00,
B+ type Screw, **No./ diodes** 6,
Capacitor w/o

100 mm



131227 Rectifier

Replacing: ubj208

35 **Amp/ diode**, **OD** 114.00,
Mount. dist. 100.00,
No./ diodes 6, **Capacitor** w/o

Rectifier Parts

Diodes

Pkg. 10



131292 Diode (--)

Replacing: 83577

400 **V**, 25 **Amp**,
OD 10.00, **Lead length** 20.00,
Polarity Negative, **Diode type** Press-fit

Pkg. 10



131293 Diode (+)

Replacing: 83576

400 **V**, 25 **Amp**, **OD** 10.25,
OD/ collar 9.80, **Lead length** 22.75,
Polarity Positive, **Diode type** Press-fit,
Mount. type Press fit

Diode Trios

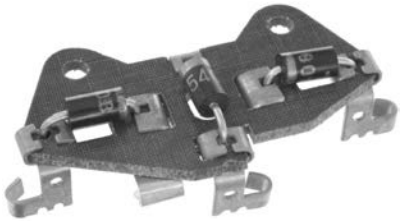
Pkg. 5



130674 Diode Trio

Replacing: uzb700

ID/ mount. hole 7.20,
OD 45.00, **Dist./ mount. holes** 35.00



131095 Diode Trio

Replacing: uzb400, ubb400

ID/ mount. hole 4.25, **OD** 60.40,
Dist./ mount. holes 35.00, **No./ diodes** 3

All measurements are in mm, unless else stated.
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[#]Available while stock last, ***** Program development.

Pkg. 5



131692 Diode Trio

Replacing: uzb203
Servicing: AA108
OD 40.00
For rectifier: HC-CARGO 130650.

Pkg. 10



131693 Diode Trio

Replacing: uzb202
Servicing: AA108, 54022378
OD 102.85
For rectifier w/ D+ connction: HC-CARGO 130650.

Various

Pkg. 10



134451 Repair Lead

Servicing: A127, 24145, 24156, 24157, 24157D, 24157F, 24158, 24161, 24169, 24188, 24198, 24200, 24206, 24208, 24209, 24217, 24220
ID 3.50, **Length** 14.05, **Width** 7.10

Pkg. 10



139151 Rubber Bushing

Servicing: 15/16/17/18ACR
OD 14.00, **OD/ collar** 17.00, **Length** 5.05, **Height/ collar** 1.10

Pkg. 5



230375 Gasket

Servicing: A127I
Length 105.00, **Thickness** 0.25, **Width** 46.55

Bearings

Needle Bearings

Pkg. 10



140120 Needle Bearing

Replacing: umb113, 54207267, 54160827
Servicing: 10SI, 12SI, 15SI, 17SI, 27SI, A127, 24145, 24145A, 24145D, 24156, 24156A, 24156D, 24157, 24157A, 24157D, 24157F, 24158
ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13
Closed end.

Pkg. 10



140240 Needle Bearing

Replacing: umb129, umb115
Servicing: 10DN series, A127 w/ vacuum pump, 24188, 24188A, 24188C, 24230, 24230A, 24230B, 24246A, 24256A, 24256C, 24264, 24264A
ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13
Open end.

Pkg. 10



141219 Needle Bearing

Replacing: umb110, 54219553
Servicing: 10AC, 11AC, 23504F, 23504K, 23507A, 23507L, 23517A, 23517E, 23518A, 23518E, 23519A, 23519E, 23521A, 23521E, 23522B
ID 17.54, **OD** 23.86, **Height** 17.41, **Rolls** 15
Closed end.

Special Bearings

Pkg. 14



140105 Ball Bearing

Replacing: umb125
ID 12.00, **OD** 32.00, **Height** 14.00

Fans & Pulleys

Fans



131028 Fan

Replacing: ASP0028, 54217652, 54202055
OD 115.00, **Bore dia.** 15.00, **Height** 15.95, **Rotation** CR, **Fans** 13, **Pulley** w/o



234490 Fan

Replacing: ASP0026, 54205635, 05420563501E, 054205635010
Servicing: A127, 054022238010, 054022314010, 054022348010, 054022377010, 054022384010, 054022419010, 054022483010, 054022495010
OD 136.00, **Bore dia.** 17.00, **Height** 13.50, **Fans** 13, **Pulley** w/o

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pulleys



131027 Pulley

Replacing: 66201400, 66201021

Servicing: 23983, 24037, 24102, 24112, 24136, 24142, 24176, 24201, 24236, 24248, 24250, NAB300, NAB301, NAB302, NAB303, NAB304

OD 68.60, **Bore dia.** 15.00, **Width** 21.80, **Depth** 20.00, **Rotation** ACR, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



133404# Pulley

Replacing: 085560961010, 083607800010

Servicing: 063321200010, 063321233010, 063321270010, 063321292010, 063321600010, 063321601010, 063321712010

OD 60.00, **Bore dia.** 17.00, **Width** 21.40, **Depth** 13.00, **Pulley type** SP, **Grooves** 4



133584 Pulley

Replacing: 54200002

Servicing: ACR, C40

OD 66.65, **Bore dia.** 15.00, **Dist./ back** 4.60, **Width** 32.50, **Depth** 14.20, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



133692 Pulley

Servicing: A127, 24260, 24271, 54022232, 54022290, 54022305, 54022307, 54022313, 54022314, 54022314B, 54022330, 54022400, 54022450

OD 55.50, **Bore dia.** 17.00, **Width** 29.90, **Depth** 17.00, **Pulley type** SP, **Grooves** 3



134518 Pulley

Servicing: A127, 24188, 24230, 24264, 24293, 24316, 24374, 54022130, 54022301, 54022351, 54022373, 54022374, 54022394, 54022396

OD 66.60, **Bore dia.** 17.00, **Width** 21.90, **Depth** 9.00, **Pulley type** SP, **Grooves** 4



135454 Pulley

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 6.60, **Width** 32.10, **Depth** 21.40, **Pulley type** SP, **Grooves** 6



135511 Pulley

Replacing: 54207693

Servicing: A127, 24286, 54022375, 54022608, 54022653, 54022654, 54022662, 54022664

OD 60.00, **Bore dia.** 17.00, **Width** 18.95, **Depth** 6.00, **Pulley type** SP, **Grooves** 4



136902 Pulley

Replacing: 54206925

Servicing: A127, 24299, 54022415, 54022578, 54022619, 54022711

OD 61.00, **Bore dia.** 18.00/20.00, **Width** 36.90, **Depth** 20.00, **Pulley type** SP, **Grooves** 8

Nut: HC-CARGO 136903.



138463 Pulley

Replacing: 085561441010, 085561091010

Servicing: AA125R, 063321227010, 063321229010, 063321299010, 063321332010, 063321391010, 063321398010, 063321402010, 063321405010

OD 62.50, **Bore dia.** 17.00, **Dist./ back** 7.50, **Width** 36.90, **Depth** 20.90, **Pulley type** SP, **Grooves** 6



138786 Pulley

Replacing: 085561881010

Servicing: AA127IM, 063321351010, 063341351010, 24329, 54022453

OD 54.50, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 38.00, **Depth** 19.30, **Pulley type** SP, **Grooves** 5



139106 Pulley

Replacing: 085561001010

Servicing: A115I, 063321280010, 063321602010, 063321603010, 063321626010, 063321663010

OD 59.40, **Bore dia.** 17.00, **Dist./ back** 5.70, **Width** 36.40, **Depth** 23.70, **Pulley type** SP, **Grooves** 4

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139109[#] Pulley

Replacing: 085561871010

Servicing: A127IM, 063321333010, 063321352010, 063341333010, 063341352010, 24330, 24344, 54022454, 54022468

OD 55.00, **Bore dia.** 17.00, **Dist./ back** 5.70, **Width** 41.50, **Depth** 23.60, **Pulley type** SP, **Grooves** 6



139135 Pulley

Replacing: 085561031010, 083609860010

Servicing: A115I, 063321235010, 063321281010, 063321300010, 063321604010, 063321629010

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 20.70, **Depth** 5.00, **Pulley type** SP, **Grooves** 4



139219 Pulley

Replacing: 085561081010, 085560731010, 083607720010

Servicing: A115I, 063321137010, 063321150010, 063321151010, 063321204010, 063321205010, 063321275010, 063321276010, 063321361010

OD 62.00, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 25.50, **Depth** 18.20, **Pulley type** SP, **Grooves** 5



139314 Pulley

Replacing: 085561911010

Servicing: A127IM, 063321321010, 063341321010

OD 49.00, **Bore dia.** 17.00, **Dist./ back** 5.80, **Width** 37.50, **Depth** 18.50, **Pulley type** SP, **Grooves** 7



139316 Pulley

Replacing: 085562091010

Servicing: A127I, 063321671010, 063341671010, 063341723010

OD 56.50, **Bore dia.** 17.00, **Dist./ back** 4.50, **Width** 27.50, **Depth** 14.90, **Pulley type** SP, **Grooves** 5



139412 Pulley

Replacing: 085561211010

Servicing: A115I, 063321311010, 063321330010, 063321611010, 063321612010, 063321613010, 063321640010, 063321801010, 063321802010

OD 61.95, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 37.30, **Depth** 26.90, **Pulley type** SP, **Grooves** 6



139863 Pulley

Replacing: 085562258010

Servicing: A127I, 063341666010, 063341695010, 063341730010

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 3.60, **Width** 26.40, **Depth** 12.50, **Pulley type** SP, **Grooves** 5



230142 Pulley

Replacing: 085562201010

Servicing: A115I, 063341238010

OD 48.00, **Bore dia.** 17.00, **Width** 24.50, **Depth** 16.50, **Pulley type** SP, **Grooves** 5



230177 Pulley

Replacing: 085561051010

Servicing: 063321283010, 063321606010, 063321607010, 063321625010

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 34.10, **Depth** 27.40, **Pulley type** SP, **Grooves** 5



230290 Pulley

Replacing: 085561071010

Servicing: A115I, 063321282010, 063321367010, 063321615010, 063321618010

OD 62.50, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 29.50, **Depth** 22.50, **Pulley type** SP, **Grooves** 6



231301 Pulley

Replacing: 085561301010

Servicing: A127I, 063321232010, 063321310010, 063321313010, 063321316010, 063321355010, 063321412010, 063321418010, 063321419010

OD 62.00, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 38.50, **Depth** 21.00, **Pulley type** SP, **Grooves** 6

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[#]Available while stock last, * Program development.

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232148 Pulley

Replacing: 54214805

Servicing: 22756, 22758

OD 87.90, **Bore dia.** 15.00, **Dist./ back** 10.70, **Width** 29.80, **Depth** 10.70, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



232336# Pulley

Replacing: 085561361010

Servicing: A127I, 063321241010, 063321246010, 063321349010, 063321390010

OD 62.00, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 39.00, **Depth** 25.50, **Pulley type** SP, **Grooves** 7



232337# Pulley

Replacing: 085561161010

Servicing: A127I, 063321231010, 063321395010

OD 65.50, **Bore dia.** 17.00, **Dist./ back** 8.50, **Width** 36.50, **Depth** 20.50, **Pulley type** SP, **Grooves** 5



232339 Pulley

Replacing: 085561541010

Servicing: A115I, A127I, 063341705010

OD 66.50, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 32.50, **Depth** 18.00, **Pulley type** SP, **Grooves** 6



232340 Pulley

Replacing: 085561551010

Servicing: A115I, 063341704010

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 23.00, **Depth** 10.00, **Pulley type** SP, **Grooves** 4



232342# Pulley

Servicing: A127, 24291, 54022536, 54022639, 54022647

OD 54.50, **Bore dia.** 17.00, **Width** 29.50, **Depth** 16.50, **Pulley type** SP, **Grooves** 5



234625 Pulley

Replacing: 085561151010

Servicing: A127I, 063321328010, 063321340010, 063321397010, 063321401010

OD 58.40, **Bore dia.** 17.00, **Dist./ back** 7.50, **Width** 42.00, **Depth** 27.20, **Pulley type** SP, **Grooves** 5



234627 Pulley

Replacing: 085562741010

Servicing: A115IM, 063321718010, 063321775010

OD 54.30, **Bore dia.** 17.00, **Dist./ back** 4.60, **Width** 28.10, **Depth** 14.50, **Pulley type** SP, **Grooves** 5



234777 Pulley

Servicing: A133, 24049

OD 84.40, **Bore dia.** 15.00, **Dist./ back** 7.00, **Width** 20.00, **Depth** 6.00, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1

Freewheel Pulleys



230313 Freewheel Pulley

Replacing: 085562931010, 085562751010

Servicing: A127IR, 063321497010, 063321501010, 063321506010, 063321507010, 063321804010, 063321805010, 063321806010, 063321815010

Thread size M17-1.50, **OD** 61.50, **Bore dia.** 17.00, **Dist./ back** 5.40, **Width** 37.20, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332297



235875 Freewheel Pulley

Thread size M16-1.50, **OD** 71.35, **Bore dia.** 17.00, **Dist./ back** 7.80, **Width** 39.65, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 8

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#Available while stock last, * Program development.



332297 Freewheel Pulley HC-CARGO

Replacing: 085562931010, 085562751010

Servicing: A127IR

Thread size M17-1.50, **OD** 61.50, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 41.50, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 230313

Pulley Parts

Spacers

Pkg. 5



231352 Spacer for Pulley

Replacing: ASP0024, 54205634, 231352

Servicing: A127, 24145, 24156, 24161, 24169, 24200, 24215, 24217, 24221, 24228, 24241, 24249, 24274, 24277, 24289, 24290, 24297

ID 17.00, **OD** 27.00, **Height** 5.50

Pkg. 5



234004 Spacer for Pulley

Replacing: 54205630

Servicing: A127, 24145, 24156, 24157, 24157D, 24157F, 24158, 24169, 24188, 24199, 24200, 24206, 24208, 24209, 24215, 24220, 24223

ID 17.00, **OD** 27.00, **Height** 7.50

Pkg. 10



234200 Spacer for Pulley

Servicing: 15, 16, 17, 18 ACR, 23548, 23565, 23566, 23568, 23569, 23570, 23573, 23583, 23584, 23585, 23591, 23592, 23593, 23595

ID 15.10, **OD** 21.40, **Height** 9.50

Pkg. 10



234201 Spacer for Pulley

Servicing: 15, 16, 17, 18 ACR, 23548, 23565, 23566, 23568, 23569, 23570, 23573, 23583, 23584, 23585, 23591, 23592, 23593, 23595

ID 15.10, **OD** 21.12, **Height** 7.24

Vacuum Pumps



135981 Vacuum Pump

Replacing: uzb940, avp0001

Servicing: A127, 24188, 24230, 24264, 24293, 24374, 54022130, 54022301, 54022373, 54022374, 54022394, 54022396, 54022425, 54022429



231438 Vacuum Pump

Replacing: avp6000

Splines/ rotor 8, **Splines/ shaft** 8

Vacuum Pump Parts

Rotors



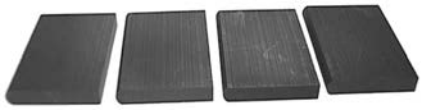
135942 Rotor for Vacuum Pump

Servicing: A127, 24188, 24230, 24264, 24293, 24374, 54022130, 54022301, 54022373, 54022374, 54022394, 54022396, 54022425, 54022429

OD 57.25, **Height** 34.80, **No./ splines** 18

Vane set: HC-CARGO 135943.

Vane Sets



135943 Vane Set

Servicing: A127, 24188, 24230, 24264, 24293, 24374, 54022130, 54022301, 54022373, 54022374, 54022394, 54022396, 54022425, 54022429

Length 34.70, **Height** 4.60, **Width** 24.40

Various

Pkg. 10



134760 Felt

Replacing: 072165001010

Servicing: 063216731010, 063216741010

ID 35.00, **OD** 50.00, **Height/ thickness** 5.00

Pkg. 5



136746# Adaptor

Servicing: A127, 24188, 24230, 24264, 24293, 24374, 54022130, 54022301, 54022373, 54022374, 54022394, 54022396, 54022495, 54022547

M14/16-1.50.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

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Repair Kits



135451 Repair Kit

Servicing: 15, 16, 17, 18 ACR, 23697, 23739, 23740, 23807, 23814, 23830, 23993, 24014

Include: Rectifier: HC-CARGO 130643. Regulator: HC-CARGO 130641. Slip ring: HC-CARGO LASX31-322, 131342. Bearing: HC-CARGO B140084P, B140091P.



135578 Repair Kit

Servicing: A127 w/ vacuum pump

12 V. Include: O-ring: HC-CARGO 135399. Oil seal: HC-CARGO 132319. Bearing: HC-CARGO 140240, B140087P. Regulator: HC-CARGO 131277. Terminal: HC-CARGO 134345. Terminal block: HC-CARGO 135543. Slip ring: HC-CARGO 132642.



135586 Repair Kit

Servicing: 15ACR, -16, -18, 23544, 23548, 23562, 23565, 23566, 23568, 23569, 23570, 23573, 23575, 23581, 23583, 23584, 23585

Include: Rectifier: HC-CARGO 130643. Regulator: HC-CARGO 130637. Brush set: HC-CARGO LASX31-322. Bearing: B140084, B140091.



139867 Repair Kit

Servicing: A127, 24293, 24299, 54022394, 54022396, 54022415, 54022495, 54022547, 54022555, 54022564, 54022575, 54022578, 54022583

Include: Regulator: HC-CARGO B31277. Rectifier: HC-CARGO 131304. Needle bearing: HC-CARGO 140120. Bearing: HC-CARGO B140087P. Thru bolt kit: HC-CARGO 136642. Screw: HC-CARGO 139632. Slip ring: HC-CARGO 132642.

Sundry Parts

Insulators

Pkg. 5



133802 Insulator

Replacing: ASP0008, 54206620

Servicing: A127, 24206, 24217, 24220, 24221, 24233, 54022158, 54022187, 54022197, 54022198, 54022232, 54022236, 54022251, 54022275

Alternative no.: B133802

Pkg. 10



134955 Insulator

Replacing: ASP0011, 54207256

Servicing: A127, 24246, 24256, 24273, 24274, 54022310, 54022336, 54022337, 54022481

Pkg. 5



135597 Insulator

Replacing: ASP0016, 54208486

Servicing: A127, 24293, 24316, 54022394, 54022396, 54022425, 54022429, 54022495, 54022537, 54022547, 54022555, 54022557, 54022564

Length 61.40, **Height** 8.10



136240 Insulation Kit

Replacing: ASP0022, 66201023

Servicing: A127, 24145, 24156, 24157, 24157D, 24157F, 24158, 24161, 24169, 24188, 24198, 24199, 24200, 24206, 24208, 24209, 24215

Pkg. 10



136329 Insulator

Replacing: ASP0009, 54206889

Servicing: A127, 24206, 24216, 24220, 24233, 24257, 24271, 24771, 54022158, 54022197, 54022236, 54022305, 54022307, 54022318

Pkg. 5



136589 Insulator

Replacing: ASP0012, 54208043

Servicing: A127, 24286, 54022375, 54022608, 54022653, 54022654, 54022662, 54022664

ID 6.80, **OD** 21.80, **Height** 20.80

Pkg. 5



136590# Insulator

Replacing: ASP0013, 54208047

Servicing: A127, 24286, 54022375, 54022608, 54022653, 54022654, 54022662, 54022664

Length 34.15, **Height** 18.45

Pkg. 10



138142 Insulator

Servicing: A127I

OD 9.45, **Length** 18.30

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Available while stock last, * Program development.

Pkg. 10



233339 Insulator

Servicing: A115I, A127I

Pkg. 125



B133802 Insulator

Alternative no.: 133802

Pkg. 100



B136240[#] B+ Insulator Kit

B+.

Alternative no.: 136240

Terminals



134075 Terminal Block

Replacing: ASP0015, 54208202

Servicing: A127, 24216, 24257, 24271, 54022305, 54022307, 54022318, 54022322, 54022378, 54022400, 54022450, 54022559, 54022597

ID/ mount. hole 8.00, **Length** 57.50

Pkg. 10



134345 Terminal

Replacing: asp0002, 54192140

Servicing: 24188, 24230, 24264, 24374, 54022130, 54022301, 54022351, 54022373, 54022374, 54022512, 54022513, 54022515, 54022516

Total length 31.55

Terminal. New type.



135543 Terminal Block

Replacing: ASP0018, 54208568

Servicing: A127, 24293, 24316, 54022130, 54022373, 54022394, 54022396, 54022425, 54022429, 54022495, 54022537, 54022547, 54022555

ID/ mount. hole 8.00, **Length** 56.85, **Height** 48.80, **Type** Triple

Pkg. 100



190725 Terminal

Replacing: 190725

Servicing: ACR

Dim. <2.50, **ID** 1.00-2.50, **Width** 6.30, **Type** Female, Flat, Angled, **Non return tag** w/o, **Tin plated** Yes

Fits HC-CARGO 190733.

Pkg. 50



190726 Terminal

Replacing: 190726

Servicing: ACR

Dim. 3.00-6.00, **ID** 3.00-6.00, **Width** 9.50, **Material** Brass, **Type** Female, Flat, Angled, Crimp, **Non return tag** w/o, **Tin plated** No

Fits HC-CARGO 190733.

Terminal Plugs



132804 Plug Kit

Replacing: 60600983, 54960402

Servicing: ACR

Colour Black, **Plug** Female, **Type/ terminal** Flat, **No./ poles** 3

HC-CARGO 190725 - 1, HC-CARGO 190726 - 2, HC-CARGO 190733 - 1.

Pkg. 5



134811 Terminal Lead

Replacing: asp0007, 60601042, 54205820

Servicing: A127I, 24188, 24230, 24264, 24374, 54022130, 54022301, 54022351, 54022373, 54022374, 54022512, 54022513, 54022515

Thru Bolts



136264 Through Bolt Kit

Replacing: ASP0021, 66202002, 66201320, 60600864

Servicing: A127, 24145, 24145A, 24156, 24156A, 24157, 24157A, 24157D, 24157F, 24158, 24158A, 24161, 24161A, 24169, 24169A, 24188

Thread 2 M5, **Thread** M4, **Total length** 111.00, **Thread length** 24.00

All measurements are in mm, unless else stated.

[#]Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



232055 Through Bolt

Thread size M4,
Thread size/ rear M5, **Total length** 56.00

Pkg. 10



234202 Through Bolt

Replacing: 54113722

Servicing: 23565, 23568, 23569, 23570, 23583, 23584, 23585, 23591, 23592, 23593, 23598, 23600, 23602, 23605, 23609, 23610, 23611

Thread size M5, **Total length** 79.30,
Length/ rear collar 74.00,
Thread length 27.00

Pkg. 10



234422 Through Bolt

Servicing: 24329, 24330, 24344, 54022443, 54022453, 54022454, 54022459, 54022468, 54022487, 54022498, 54022521, 54022527, 54022543

Thread size M6,
Thread size/ rear M7, **Total length** 91.50

Screws

Pkg. 100



233860[#] Screw

Servicing: A127I, 24330, 24344, 54022443, 54022454, 54022459, 54022468, 54022487, 54022498, 54022521, 54022527, 54022543, 54022549

Thread M4, **Total length** 17.00,
Thread length 11.55

Pkg. 5



234005 Screw

Replacing: 54105279

Servicing: A127

Thread 4.40, **Total length** 14.30,
Thread length 10.30

Pkg. 5



234006 Screw

Replacing: 54117499

Servicing: A127

Thread M5, **Total length** 38.90,
Thread length 34.70

Pkg. 5



234007 Screw

Replacing: 54117089

Servicing: A127

Thread 4.40, **Total length** 33.25,
Thread length 28.80

Oil Seals

Pkg. 5



132319 Oil Seal

Replacing: 60601038

Servicing: A127 w/ vacuum pump, 24188, 24230, 24264, 24293, 24316, 24374, 54022130, 54022301, 54022351, 54022373, 54022374

ID 17.00, **OD** 27.00, **Height** 7.00

O-rings

Pkg. 10



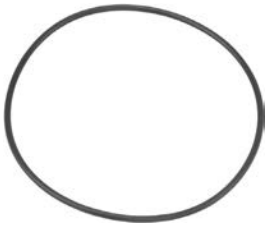
135399 O-ring

Replacing: 60601039

Servicing: A127 w/ vacuum pump, 24188, 24230, 24264, 24293, 24374, 54022130, 54022301, 54022373, 54022374, 54022394, 54022396

ID 32.00, **Thickness** 4.00

Pkg. 10



137717 O-ring

Servicing: A127, 24188, 54022130, 54022373

ID 70.00, **Thickness** 2.00

Pkg. 5

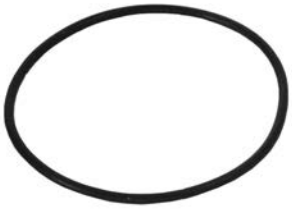


137736 O-ring

Servicing: 54022425, 54022429

ID 31.35, **Thickness** 3.55

Pkg. 5



232432 O-ring

Servicing: M127

ID 53.50, **Thickness** 1.95

All measurements are in mm, unless else stated.
[#]Available while stock last, * Program development.

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Various

Pkg. 10



134794 Adaptor

Servicing: A127, 24206, 24220, 24233, 24257, 24271, 54022158, 54022160, 54022197, 54022236, 54022305, 54022307, 54022322, 54022378

Thread size M5, **Total length** 27.50



139353 Heat Shield

Servicing: A127, 54022160, 54022419, 54022604

Pkg. 10



231353 Resistor

Servicing: A127, 54022487, 54022543

ID/ mount. hole 5.45, **Length** 20.00, **Width** 13.95

Pkg. 5



232062 Spacer

Servicing: A115I

ID 9.50, **OD** 13.50, **Height** 5.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Rotors

14 Volt



130186 Rotor

Replacing: 74995571, 74876141

Servicing: A12M, 63303000, 63303001, 63303030, 63303041, 63303061, 63303100, 63303120, 63303130, 63303140, 63303150, 63303191

14 **V**, 42 **Amp**, **Thread size** M12-1.25, **OD** 86.00, **Shaft dia.** 15.00, **Total length** 147.00



130381 Rotor

Replacing: 74995641

Servicing: A12M, 63304800, 63304830, 63304840, 63304870, 63304880, 63304890

14 **V**, 42 **Amp**, **Thread size** M14-1.50, **OD** 86.00, **Shaft dia.** 17.00, **Total length** 158.00



131641# Rotor

Replacing: 74877531, 74876401

Servicing: AA125, 63305000, 63305020, 63305100, 63305101, 63305102, 63305120, 63305122, 63305130, 63305131, 63305150, 63305300

14 **V**, 45 **Amp**, **Thread size** M14-1.50, **OD** 88.70, **Shaft dia.** 15.00, **Total length** 156.50, **Rotation** CR



131643 Rotor

Replacing: 83606521, 83605871, 83603941, 83603731, 83600011

Servicing: AA125R, 063321000010, 063321165010, 63220125, 63320001, 63320002, 63320003, 63320004, 63320005, 63320006, 63320007

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 142.00, **Rotation** CR



131943# Rotor

Replacing: 74987951

Servicing: AA125, 63305206, 63305226, 63305236, 63305246, 63305256, 63305506, 63305526, 63305536, 63305556, 63305566, 63307206

14 **V**, 45 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 163.00, **Rotation** CR



131944# Rotor

Replacing: 74989441, 74988801, 74987171, 74880071

Servicing: AA125E, 63305103, 63305123, 63305401, 63305404, 63305506, 63305526, 63305606, 63307100, 63307101, 63307103, 63307105

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 156.00, **Rotation** CR



131952 Rotor

Replacing: 83625261, 83600661

Servicing: AA125R, 063321042010, 63320003, 63320023, 63320024, 63320100, 63320105, 63320112, 63320121, 63320128, 63321002

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 152.00, **Rotation** CR



131953 Rotor

Replacing: 83601901, 83601811

Servicing: AA125R, 063320049010, 063321021010, 63320015, 63320017, 63320018, 63320026, 63320032, 63320035, 63320037, 63320042

14 **V**, 65 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 152.00



131954 Rotor

Replacing: 83608881, 83605471, 83601641

Servicing: AA125R, 63320013, 63320016, 63320020, 63320035, 63320040, 63320045, 63320048, 63320054, 63320055, 63320058, 63320082

14 **V**, 65 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 141.55, **Rotation** CR

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.



132338 Rotor

Replacing: 74992481, 74967251

Servicing: A108, 63300506, 63300521, 63300526, 63300801, 63300802, 63300812, 63300821, 63300900, 63300901, 63300902, 63300907

12 **V**, 33 **Amp**, **Thread size** M14-1.50, **OD** 73.00, **Shaft dia.** 17.00, **Total length** 155.00, **Rotation** CR



134414 Rotor

Replacing: 83602631

Servicing: AA125R, 63320021, 63320022, 63321035, 63321036, 63321037, 63321039, 63321078, 63321458, 63321460, 63321470, 63321480

14 **V**, 45 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 151.00, **Rotation** CR



136674 Rotor

Replacing: 85562283, 85562270, 85562208, 85562131, 85562071, 85561421, 85561411, 83615091, 83610601

Servicing: A115I, 063341658000, 063377002010, 063377008010, 063377423010, 63320200, 63320203, 63320204, 63320227, 63320238

14 **V**, 65/85 **Amp**, **Thread size** M17-1.50, **OD** 91.30, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



137335 Rotor

Replacing: 85561941, 85561401, 85561391, 85561321, 85561311, 85561121

Servicing: A127I, 63320289, 63320305, 63320309, 63320315, 63320333, 63321229, 63321231, 63321232, 63321237, 63321241, 63321243

14 **V**, 100 **Amp**, **Thread size** M17-1.50, **OD** 99.50, **Shaft dia.** 17.00, **Total length** 160.00, **Rotation** CR



235172 Rotor

Replacing: 85563021

Servicing: A127IM, 063321940010, 063377005010, 63321814, 63321815, 63321816, 63321862

14 **V**, 140 **Amp**, **Thread size** M17-1.50, **OD** 99.50, **Shaft dia.** 17.00, **Total length** 160.10



235225 Rotor

Replacing: 85562911, 235225, 085562911010

Servicing: A127IR, 63377492

14 **V**, 120 **Amp**, **Thread size** M17-1.50, **OD** 99.50, **Shaft dia.** 17.00, **Total length** 160.00, **Rotation** CR

28 Volt



130380 Rotor

Replacing: 74999421, 74965951

Servicing: A12M, 63304000, 63304001, 63304002, 63304003, 63304020, 63304022, 63304023, 63304040, 63304050, 63304075, 63304079

28 **V**, 26 **Amp**, **Thread size** M14-1.50, **OD** 86.00, **Shaft dia.** 17.00, **Total length** 158.00



131642# Rotor

Replacing: 74999741, 74966111

Servicing: A12MD, AAD124, 63304400, 63304401, 63304420, 63304430, 63304431, 63304440, 63304460, 63304490, 63304500, 63304520

28 **V**, 47 **Amp**, **Thread size** M14-1.50, **OD** 86.00, **Shaft dia.** 17.00, **Total length** 209.00



134796 Rotor

Replacing: 83606261, 83602321

Servicing: AA125R, 63320025, 63320052, 63320057, 63320060, 63320114, 63320118, 63321045, 63321046, 63321047, 63321048, 63321049

28 **V**, 30 **Amp**, **Thread size** M14-1.50, **OD** 89.00, **Shaft dia.** 17.00, **Total length** 151.00, **Rotation** CR

Rotor Parts

Shafts



135244 Rotor Shaft

Servicing: A127

Thread size M17-1.50 L, **OD/ shaft** 17.00, **Total length** 202.00, **No./ splines** 18

Keys

Pkg. 10



130813 Key

Servicing: ACR, 63300505, 63300515, 63300905, 63303191, 63304800, 63307805

Length 13.00, **Thickness** 3.00, **Width** 5.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



130936 Key

Servicing: 63300506, 63300515, 63300521, 63300905, 63320003, 63320007, 63320008, 63320013, 63320031, 63320053, 63320124, 63320125

Length 12.65, **Thickness** 4.00, **Width** 5.00

Pkg. 10



133784 Key

Servicing: 63305100, 63305130, 63305206, 63305236, 63305404, 63305506, 63305526, 63305606, 63305802, 63307206, 63307207, 63307208

Length 16.00, **Thickness** 3.00, **Width** 6.50

Slip Rings

Pkg. 5



138441 Slip Ring

Servicing: A115I, A127I, 063341658000, 063377002010, 063377008010, 063377009010, 063377423010, 063377424010, 063377425010

ID 6.80, **OD** 16.00, **Total length** 46.50

Spacers

Pkg. 5



232056 Spacer

Servicing: A115I, 063377008010, 63300515, 63300905, 63321426, 63321602, 63321616, 63321620, 63321629, 63321679, 63321733, 63321740

ID 17.00, **OD** 30.00, **Height** 2.30

Nuts

Pkg. 10



234628 Nut

Servicing: A127IR, 63321389, 63321398, 63321426

Thread M17-1.50, **OD** 23.95, **Lock nut** No

Stators



131229 Stator

Replacing: 74878421, 74877571, 74875571

Servicing: AA125, 63305000, 63305020, 63305100, 63305101, 63305102, 63305103, 63305120, 63305122, 63305123, 63305130, 63305131

14 **V**, 45 **Amp**, **ID** 89.50, **OD** 125.50, **OD 2** 121.00, **Height** 24.00, **Terminals** 3

14 Volt



130097 Stator

Replacing: 74877651

Servicing: 63300515, 63300902, 63300905, 63300925

14 **V**, 28 **Amp**, **ID** 74.00, **OD** 108.00, **OD 2** 102.25, **Height** 20.00, **Terminals** 3



130363 Stator

Replacing: 74995281, 74965321

Servicing: A124N, A12M, 63303000, 63303001, 63303030, 63303041, 63303061, 63303100, 63303120, 63303130, 63303140, 63303150

14 **V**, 42 **Amp**, **ID** 87.00, **OD** 124.00, **OD 2** 121.00, **Height** 20.00, **Terminals** 4



131647[#] Stator

Replacing: 74876311, 74876301

Servicing: AA125, 063321165010, 63305300, 63305310, 63305400, 63305401, 63305402, 63305403, 63305405, 63305406, 63305420, 63305423

14 **V**, 55 **Amp**, **ID** 89.50, **OD** 125.50, **OD 2** 121.00, **Height** 24.00, **Terminals** 3



131648 Stator

Replacing: 83619941, 83605011, 83601541

Servicing: AA125T, 063321042010, 63220125, 63305404, 63305506, 63305526, 63305606, 63305722, 63305800, 63307400, 63307402

14 **V**, 55 **Amp**, **ID** 89.50, **OD** 125.50, **OD 2** 118.00, **Height** 24.00, **Terminals** 3



131976 Stator

Replacing: 83601531

Servicing: AA125R, 063321000010, 63320001, 63320002, 63320005, 63320006, 63320021, 63320022, 63320097, 63320102, 63320113

14 **V**, 45 **Amp**, **ID** 89.50, **OD** 125.50, **OD 2** 121.00, **Height** 24.00, **Terminals** 3

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.



131977 Stator

Replacing: 86307091, 83624641, 83602761, 74986521

Servicing: AA125R, 063320049010, 063321021010, 63305801, 63305802, 63305821, 63305822, 63305832, 63305842, 63305862, 63307408

14 **V**, 65 **Amp**, **ID** 89.50, **OD** 125.50, **OD 2** 121.00, **Height** 27.00, **Terminals** 3



135619 Stator

Replacing: 83604431

Servicing: AA125R, 63320041, 63320059, 63320096, 63321083, 63321114, 63321170

14 **V**, 60 **Amp**, **ID** 89.50, **OD** 124.80, **OD 2** 117.50, **Height** 26.00, **Terminals** 3



137224 Stator

Servicing: A127IR, 63320305, 63320309, 63320310, 63320315, 63320317, 63321227, 63321229, 63321231, 63321232, 63321241, 63321243

14 **V**, 85/100 **Amp**, **ID** 100.00, **OD** 130.00, **Height** 33.00, **Terminals** 6



138171 Stator w/ D.E. Bracket Assy

Replacing: 83608351

Servicing: A115I, 63320200, 63320253, 63320500, 63321200, 63321270, 63321600, 63321712, 63321742

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230223. Bearing: HC-CARGO 142269.



138454 Stator w/ D.E. Bracket Assy

Replacing: 83612471

Servicing: A115I, 63321277, 63321278, 63321311, 63321610, 63321611, 63321614

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 140263.



138456# Stator w/ D.E. Bracket Assy

Replacing: 83608541

Servicing: A115I, 63320511, 63321204, 63321251, 63321275, 63321282, 63321362, 63321367, 63321615, 63321616, 63321655, 63321660

14 **V**, 55/65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.



138457# Stator w/ D.E. Bracket Assy

Replacing: 83613421

Servicing: A115I, 63321613, 63321640

14 **V**, 55/75 **Amp**

Stator: HC-CARGO 233598. D.E. bracket: HC-CARGO 24203. Bearing: HC-CARGO 140263.



138506 Stator w/ D.E. Bracket Assy

Replacing: 83611391

Servicing: A115I, 63321252, 63321283, 63321295, 63321396, 63321608, 63321609, 63321625

14 **V**, 65/85 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230224. Bearing: HC-CARGO 142270.



138508 Stator w/ D.E. Bracket Assy

Replacing: 83613651

Servicing: A115I, 63321606, 63321607

14 **V**, 75 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.



139956 Stator

Replacing: 83617801

Servicing: A115I, 63320511, 63321200, 63321204, 63321233, 63321234, 63321238, 63321244, 63321251, 63321252, 63321257, 63321270

14 **V**, 65 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 29.50, **Terminals** 3



230812# Stator w/ D.E. Bracket Assy

Replacing: 83609171, 83609170

Servicing: A115I, 63321205, 63321276, 63321361, 63321617, 63321620

14 **V**, 75 **Amp**

Stator: HC-CARGO 233598. D.E. bracket: HC-CARGO 231994. Bearing: HC-CARGO 142270.



231010# Stator w/ D.E. Bracket Assy

Replacing: 83616551

Servicing: A115I, 63321626, 63321713, 63321747, 63321867

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



231038 Stator w/ D.E. Bracket Assy

Replacing: 83620581, 83617811, 83613781

Servicing: A115I, 63321257, 63321425, 63321466, 63321666, 63321695, 63341466, 63341666, 63341695

14 **V**, 100 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230224. Bearing: HC-CARGO 142270.



231432 Stator

Servicing: A115I, 63321239, 63321287, 63321330, 63321348, 63321356, 63321612, 63321618, 63321629, 63321631, 63321663, 63321692

14 **V**, 80 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 29.50, **Terminals** 4



231491 Stator

Replacing: 83622971

Servicing: A127I, A127R, 63320277, 63320333, 63321316, 63321328, 63321340, 63321343, 63321344, 63321351, 63321355, 63321389

14 **V**, 120 **Amp**, **ID** 100.00, **OD** 130.00, **Height** 33.00, **Terminals** 3



232785 Stator

Servicing: A127I, 63320289, 63321237, 63321246, 63321310, 63321315, 63321321, 63321331, 63321332, 63321333, 63321345, 63321346

14 **V**, 100 **Amp**, **ID** 100.00, **OD** 130.00, **Height** 33.00, **Terminals** 3



233344 Stator

Replacing: 83621821

Servicing: A115I, 63321678, 63321679, 63321746, 63321772, 63341679, 63377402, 63377410, 63377493

14 **V**, 80 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 29.50, **Terminals** 3



233598 Stator

Servicing: A115I, 063341658000, 063377002010, 063377008010, 063377423010, 63321205, 63321235, 63321276, 63321281, 63321295

14 **V**, 75 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 29.50, **Terminals** 3



234816 Stator

Servicing: A127I, 63320228, 63321240, 63341240

14 **V**, 120 **Amp**, **ID** 100.00, **OD** 130.00, **Height** 33.00, **Terminals** 4



234898 Stator w/ D.E. Bracket Assy

Replacing: 83624941

Servicing: A115I, 63321244, 63321669, 63321678, 63321691, 63321724, 63321730, 63321746, 63341244, 63341746

14 **V**, 85 **Amp**

Stator: HC-CARGO 233344. D.E. bracket: HC-CARGO 230225. Bearing: HC-CARGO 142270.



235195 Stator

Servicing: 063377009010, 063377424010, 63321776, 63321826, 63377017

14 **V**, 105 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 29.50, **Terminals** 3



239737 Stator

Servicing: 63321239, 63321302, 63321678, 63321711, 63321711B, 63321715, 63321718, 63321729, 63321734, 63321740, 63321746, 63321758

14 **V**, 90 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 29.50, **Terminals** 3

28 Volt



130365# Stator

Replacing: 74999371

Servicing: A12M, 63304000, 63304001, 63304002, 63304003, 63304020, 63304022, 63304023, 63304040, 63304050, 63304075, 63304079

28 **V**, 26 **Amp**, **ID** 87.00, **OD** 124.00, **OD 2** 121.00, **Height** 21.00, **Terminals** 4



131388 Stator

Replacing: 83606241, 83602551, 83602541

Servicing: AA125R, 63320025, 63320052, 63320057, 63320060, 63320114, 63320118, 63321045, 63321046, 63321047, 63321048, 63321049

28 **V**, 30 **Amp**, **ID** 89.50, **OD** 125.50, **OD 2** 121.00, **Height** 24.00, **Terminals** 3

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.



132370 Stator

Replacing: 74877351

Servicing: AA125, 63306000, 63306300, 63306301, 63306302, 63306320, 63306360, 63306369, 63306370, 63306379, 63306389, 63306399

28 **V**, 30 **Amp**, **ID** 89.50, **OD** 125.50, **OD 2** 118.00, **Height** 24.00, **Terminals** 3

Brackets

D.E. Brackets



134357# D.E. Bracket

Replacing: 74879261

Servicing: AA125, E, 63305206, 63305226, 63305236, 63305246, 63305256, 63305506, 63305526, 63305536, 63305556, 63305566, 63305606

Bearing: HC-CARGO 142270.



134415# D.E. Bracket

Replacing: 83606931, 83601221, 83600811, 83600721

Servicing: AA125R, 63320004, 63320005, 63320006, 63320010, 63320028, 63320047, 63320056, 63320058, 63320073, 63320091, 63320130

Bearing: HC-CARGO 142269.



134417# D.E. Bracket

Replacing: 83600101

Servicing: AA125R, 063321000010, 63320001, 63320034, 63320102, 63321067, 63321113, 63321175, 63321176, 63321189, 63321198

Bearing: HC-CARGO 142269.



134419 D.E. Bracket

Replacing: 83600941

Servicing: AA125R, 63320003, 63320007, 63320008, 63320031, 63320053, 63320125, 63320127, 63321008, 63321009, 63321010, 63321011

Bearing: HC-CARGO 142269.



134420 D.E. Bracket

Replacing: 83606391, 83602361, 83600541

Servicing: AA125R, 63320003, 63320021, 63320023, 63320025, 63320037, 63320060, 63320100, 63320112, 63320114, 63320118, 63320124

Bearing: HC-CARGO 142270.



134426 D.E. Bracket

Replacing: 74877271

Servicing: AA125, 63305101, 63305131, 63305401, 63305431

Bearing: HC-CARGO 142269.



138799 D.E. Bracket

Replacing: 83607021

Servicing: AA125R, 063321165010, 63320094, 63320097, 63321171

Bearing: HC-CARGO 142269.



139095# D.E. Bracket

Replacing: 83604451

Servicing: AA125R, 63320041, 63320059, 63321083, 63321114

Bearing: HC-CARGO 142269.



230223 D.E. Bracket

Servicing: A115I, 63321200, 63321233, 63321234, 63321270, 63321280, 63321286, 63321292, 63321600, 63321602, 63321605, 63321712

Bearing: HC-CARGO 142270.



230224 D.E. Bracket

Servicing: A115I, 63321257, 63321425, 63321636, 63321666, 63321695, 63321727, 63341636, 63341666, 63341695, 63341727

Bearing: HC-CARGO 142270.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



230225 D.E. Bracket

Servicing: A115I, 63321244, 63321669, 63321691, 63321724, 63321730, 63321730A, 63341244, 63341730

Bearing: HC-CARGO 142270.



230226 D.E. Bracket

Servicing: A115I, 63321238, 63321239, 63341238, 63341239

Bearing: HC-CARGO 142270.



230227 D.E. Bracket

Servicing: A115I, 63321356, 63321692, 63321704, 63341704

Bearing: HC-CARGO 142270.



230228 D.E. Bracket

Servicing: A115I, 63321348, 63321693, 63321705

Bearing: HC-CARGO 142270.



230674 D.E. Bracket

Servicing: A127IR, 63320309, 63321324, 63321343, 63321344, 63321358, 63321422, 63321442, 63321465, 63321473, 63340004, 63341343

Bearing: HC-CARGO 142270.



231538 D.E. Bracket

Servicing: A127I, 63320333, 63321232, 63321241, 63321245, 63321246, 63321310, 63321313, 63321315, 63321316, 63321349, 63321355

Bearing: HC-CARGO 140263.



231994 D.E. Bracket

Servicing: A115I, 63320333, 63320511, 63321204, 63321205, 63321251, 63321275, 63321276, 63321282, 63321302, 63321361, 63321362

Bearing: HC-CARGO 142270.



233769 D.E. Bracket

Replacing: 83614191

Servicing: A127I, 63321231

Bearing: HC-CARGO 142270.



233804 D.E. Bracket

Servicing: A115I, 63321679, 63341679, 63377402, 63377410

Bearing: HC-CARGO 142270.



234203 D.E. Bracket

Servicing: A115I, 63321252, 63321253, 63321283, 63321295, 63321396, 63321606, 63321607, 63321608, 63321609, 63321625, 63321631

Bearing: HC-CARGO 142270.



234638 D.E. Bracket

Servicing: A115I, 063377002010, 63321775

Bearing: HC-CARGO 142270.



235010 D.E. Bracket

Servicing: A115I, 63321711, 63321711B, 63321758, 63321778, 63341711, 63341758, 63341778

Bearing: HC-CARGO 142270.



235021 D.E. Bracket

Servicing: A115IM, 63321729, 63321809, 63321819, 63321826, 63321833, 63321836

Bearing: HC-CARGO 142270.



235029 D.E. Bracket

Replacing: 83623481

Servicing: A115I, 063341658000, 63321658, 63321702, 63321896, 63321897, 63341702, 63341896

Bearing: HC-CARGO 142270.

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Available while stock last, * Program development.



235109 D.E. Bracket

Servicing: 63321389, 63321398, 63321426

Bearing: HC-CARGO 142270.



235111 D.E. Bracket

Servicing: 63320277, 63321253, 63321328, 63321340

Bearing: HC-CARGO 142270.



235116 D.E. Bracket

Servicing: 63320305, 63321227, 63321229, 63321231, 63321237, 63321331, 63321332, 63321391, 63321405, 63321453, 63321461, 63321485

Bearing: HC-CARGO 142270.



235118 D.E. Bracket

Servicing: 63321507, 63321805, 63321806

Bearing: HC-CARGO 142318.



235128 D.E. Bracket

Servicing: A115I, 63321671, 63321723, 63341723

Bearing: HC-CARGO 142270.



235182 D.E. Bracket

Servicing: A115I, 63321626, 63321713, 63321747, 63321763, 63321779, 63321788, 63321867

Bearing: HC-CARGO 142270.



235204 D.E. Bracket

Servicing: 63321741, 63321771

Bearing: HC-CARGO 142270.



235249 D.E. Bracket

Servicing: 63321491, 63321858, 63321859, 63321862

Bearing: HC-CARGO 140093. Bearing plate: HC-CARGO 234041.



235300 D.E. Bracket

Servicing: 63320317, 63321434, 63341434, 63342434

Bearing: HC-CARGO 142270.



235309 D.E. Bracket

Servicing: 63321235, 63321281, 63321300, 63321603, 63321604, 63321629

Bearing: HC-CARGO 142269. Bearing plate: HC-CARGO 232060.



235344 D.E. Bracket

Servicing: A115I, 63321641, 63321770, 63341641, 63341770

Bearing: HC-CARGO 142270.



235418 D.E. Bracket

Servicing: 63320289, 63321321, 63321333, 63321351, 63321352, 63321353, 63341240, 63341321, 63341333, 63341351, 63341353

Bearing: HC-CARGO 142270.



236618 D.E. Bracket

Servicing: 63321765, 63377006, 63377008, 63377013

Bearing: HC-CARGO 142269.

Stator w/ D.E. Bracket Assy



138171 Stator w/ D.E. Bracket Assy

Replacing: 83608351

Servicing: A115I, 63320200, 63320253, 63320500, 63321200, 63321270, 63321600, 63321712, 63321742

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230223. Bearing: HC-CARGO 142269.

All measurements are in mm, unless else stated.

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138454 Stator w/ D.E. Bracket Assy

Replacing: 83612471

Servicing: A115I, 63321277, 63321278, 63321311, 63321610, 63321611, 63321614

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 140263.



138456# Stator w/ D.E. Bracket Assy

Replacing: 83608541

Servicing: A115I, 63320511, 63321204, 63321251, 63321275, 63321282, 63321362, 63321367, 63321615, 63321616, 63321655, 63321660

14 **V**, 55/65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.



138457# Stator w/ D.E. Bracket Assy

Replacing: 83613421

Servicing: A115I, 63321613, 63321640

14 **V**, 55/75 **Amp**

Stator: HC-CARGO 233598. D.E. bracket: HC-CARGO 24203. Bearing: HC-CARGO 140263.



138506 Stator w/ D.E. Bracket Assy

Replacing: 83611391

Servicing: A115I, 63321252, 63321283, 63321295, 63321396, 63321608, 63321609, 63321625

14 **V**, 65/85 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230224. Bearing: HC-CARGO 142270.



138508 Stator w/ D.E. Bracket Assy

Replacing: 83613651

Servicing: A115I, 63321606, 63321607

14 **V**, 75 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.



230812# Stator w/ D.E. Bracket Assy

Replacing: 83609171, 83609170

Servicing: A115I, 63321205, 63321276, 63321361, 63321617, 63321620

14 **V**, 75 **Amp**

Stator: HC-CARGO 233598. D.E. bracket: HC-CARGO 231994. Bearing: HC-CARGO 142270.



231010# Stator w/ D.E. Bracket Assy

Replacing: 83616551

Servicing: A115I, 63321626, 63321713, 63321747, 63321867

14 **V**, 65 **Amp**

Stator: HC-CARGO 139956. Bearing: HC-CARGO 142270.



231038 Stator w/ D.E. Bracket Assy

Replacing: 83620581, 83617811, 83613781

Servicing: A115I, 63321257, 63321425, 63321466, 63321666, 63321695, 63341466, 63341666, 63341695

14 **V**, 100 **Amp**

Stator: HC-CARGO 139956. D.E. bracket: HC-CARGO 230224. Bearing: HC-CARGO 142270.



234898 Stator w/ D.E. Bracket Assy

Replacing: 83624941

Servicing: A115I, 63321244, 63321669, 63321678, 63321691, 63321724, 63321730, 63321746, 63341244, 63341746

14 **V**, 85 **Amp**

Stator: HC-CARGO 233344. D.E. bracket: HC-CARGO 230225. Bearing: HC-CARGO 142270.

S.R.E. Brackets



134337# S.R.E. Bracket

Replacing: 85560111

Servicing: 63221630, 63321004, 63321058, 63321068

ID/ bearing hole 26.75



134352# S.R.E. Bracket

Replacing: 74877241

Servicing: AA125, 63305101, 63305103, 63305123, 63305131, 63305401, 63305431, 63307101, 63307103, 63307105, 63307123, 63307125



134356# S.R.E. Bracket

Replacing: 74876501

Servicing: AA125, 63305000, 63305020, 63305100, 63305120, 63305130, 63305150, 63305206, 63305226, 63305236, 63305246, 63305256

ID/ bearing hole 26.00

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Available while stock last, * Program development.



134421[#] S.R.E. Bracket

Replacing: 83608621, 83600281, 83600061

Servicing: AA125R, 063321000010, 063321165010, 63308701, 63320001, 63320002, 63320034, 63320094, 63320097, 63320102, 63320113



134422 S.R.E. Bracket

Replacing: 83603211

Servicing: AA125R, 63320004, 63320005, 63320006, 63320010, 63320028, 63320047, 63320048, 63320056, 63320058, 63320073, 63320091

ID/ bearing hole 40.00



134424 S.R.E. Bracket

Replacing: 83603721, 83603221, 83603181, 83602341

Servicing: AA125R, 063321042010, 63320003, 63320007, 63320008, 63320021, 63320022, 63320023, 63320024, 63320025, 63320031

ID/ bearing hole 25.00



137789 S.R.E. Bracket

Replacing: 83603311

Servicing: AA125R, 63320016, 63320035, 63320048, 63320055, 63320058, 63320082, 63320083, 63320132, 63321023, 63321068, 63321070

ID/ bearing hole 27.00



138473 S.R.E. Bracket

Replacing: 83623581, 83615891, 83608471

Servicing: A115I, 63321200, 63321233, 63321234, 63321270, 63321280, 63321600, 63321601, 63321602, 63321605, 63321663, 63321742

ID/ bearing hole 37.00



138650[#] S.R.E. Bracket w/ Regulator/Rectifier

Replacing: 83621351

Servicing: A115I, 63321606, 63321607

ID/ bearing hole 35.00



138951 S.R.E. Bracket

Replacing: 83623631, 83615991

Servicing: A115I, 63321606, 63321607, 63321608, 63321609, 63321625, 63321630, 63321631, 63321632

ID/ bearing hole 35.00



231240 S.R.E. Bracket

Replacing: 83623501

Servicing: A115I, 63341695

ID/ bearing hole 37.00



231241 S.R.E. Bracket

Servicing: A115I, 63321244, 63321669, 63321691, 63321724, 63321730, 63341244

ID/ bearing hole 35.00



231242 S.R.E. Bracket

Servicing: A115I, 63321257, 63321425, 63321636, 63321666, 63321695, 63341636, 63341666

ID/ bearing hole 37.00



231243 S.R.E. Bracket

Servicing: A115I, 63321730, 63321730a, 63341730

ID/ bearing hole 37.00



231324 S.R.E. Bracket

Replacing: 83616701, 83616691

Servicing: A115I, 63321602, 63321626, 63321761, 63321848, 63377001

ID/ bearing hole 33.00



231326 S.R.E. Bracket

Replacing: 83623841

Servicing: A115I, 63321626, 63321627, 63321713, 63321747, 63321763, 63321788, 63321867, 63321870

ID/ bearing hole 18.00



231342 S.R.E. Bracket

Servicing: A127, 63321358, 63340004, 63341358

ID/ bearing hole 36.00



231992 S.R.E. Bracket

Replacing: 83616611

Servicing: A115I, 63320511, 63321251, 63321275, 63321282, 63321302, 63321362, 63321367, 63321615, 63321616, 63321617, 63321618

ID/ bearing hole 37.00



231993 S.R.E. Bracket

Servicing: A115I, 63321238, 63321239, 63341238, 63341239

ID/ bearing hole 37.00



233710 S.R.E. Bracket

Servicing: A127IR, 63320277, 63321328, 63321340

ID/ bearing hole 36.31



233899 S.R.E. Bracket

Servicing: A115I, 63321711, 63321711B, 63341711

ID/ bearing hole 36.95



234176# S.R.E. Bracket

Servicing: A127, 63320305, 63321227, 63321229, 63321405

ID/ bearing hole 12.25



234226 S.R.E. Bracket

Servicing: A115I, 63321235, 63321281, 63321300

ID/ bearing hole 35.00



234282 S.R.E. Bracket

Replacing: 83614611

Servicing: A127I, 63320333, 63321246, 63321310, 63321315, 63321316, 63321349, 63321355, 63321402, 63321418, 63321419, 63321423

ID/ bearing hole 37.00



234283 S.R.E. Bracket

Servicing: A115I, 63321679, 63341679, 63377402, 63377410



234336# S.R.E. Bracket

Servicing: A115I, 63321348, 63321693, 63321705

ID/ bearing hole 35.00



234415 S.R.E. Bracket

Servicing: A115I, 63320308, 63321356, 63321692, 63321695, 63321704, 63341704

ID/ bearing hole 35.00



234416# S.R.E. Bracket

Servicing: A127I, 63320317, 63321434, 63341434

ID/ bearing hole 35.00



234633 S.R.E. Bracket

Replacing: 85561521

Servicing: A127IR, 63321389, 63321398, 63321426

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O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.



234639 S.R.E. Bracket

Replacing: 83621661

Servicing: A115I, 63321678, 63321746, 63321823, 63321898, 63341678, 63341746, 63377404, 63377409, 63377412, 63377413



234730 S.R.E. Bracket

Servicing: A127I, 63321491, 63321507, 63321801, 63321802, 63321803, 63321804, 63321805, 63321806, 63321858, 63321859, 63321862

ID/ bearing hole 37.00



234933 S.R.E. Bracket

Servicing: A115I, 63321641, 63321671, 63321723, 63341641, 63341723



235034 S.R.E. Bracket

Servicing: A115I, 63320545, 63321658, 63321702, 63321896, 63321897, 63341658, 63341702, 63341896

ID/ bearing hole 11.00



235119 S.R.E. Bracket

Replacing: 83604791, 83604761

Servicing: A125R, 63320041, 63320096, 63321081, 63321082, 63321083, 63321170, 63321178

ID/ bearing hole 31.94



235137 S.R.E. Bracket

Servicing: A115IM, 63321729, 63321809, 63321819, 63321826, 63321833, 63321836

ID/ bearing hole 36.88



235185 S.R.E. Bracket

Replacing: 83625041

Servicing: 063377002010, 63321718, 63321765, 63321775, 63321776, 63377006, 63377008, 63377009, 63377013, 63377017, 63377494

ID/ bearing hole 37.00



235250 S.R.E. Bracket

Servicing: A127I, 63321231

ID/ bearing hole 21.03



235311 S.R.E. Bracket

Servicing: A127I, 63321232, 63321241, 63321245, 63321246, 63321299, 63321313, 63321412

ID/ bearing hole 34.66



235362 S.R.E. Bracket

Servicing: A115I, 63321758, 63321778, 63341758, 63341778

ID/ bearing hole 36.95



235451 S.R.E. Bracket

Servicing: A115I, 63321205, 63321276, 63321361

ID/ bearing hole 36.98



235492 S.R.E. Bracket

Servicing: A127IM, 63320289, 63321333, 63321351, 63321352, 63321353, 63341240, 63341333, 63341351, 63341353

ID/ bearing hole 36.53



235557 S.R.E. Bracket

Servicing: 63321237, 63321331, 63321332, 63321391, 63321453, 63321461, 63321485, 63321489, 63321792

ID/ bearing hole 12.00

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Bracket Parts

Mounting Bushings

Pkg. 10



134782 Mounting Bushing

ID 12.00, **OD** 19.70, **Length** 22.00

Pkg. 10



134783# Mounting Bushing

ID 12.00, **OD** 19.50, **Length** 16.20

Pkg. 10



134964 Mounting Bushing

Servicing: 63300506, 63300521, 63300802, 63300900, 63300901, 63300920, 63300921, 63307406, 63307503, 63320004, 63320005, 63320006

ID 10.00, **OD** 15.00, **Length** 18.00



139747 Mounting Bushing

Servicing: A115I, 63320309, 63321244, 63321257, 63321425, 63321636, 63321666, 63321669, 63321678, 63321691, 63321695, 63321724

ID 8.85, **OD** 13.50, **OD/ collar** 24.20, **Length** 25.20, **Height/ collar** 4.00

Pkg. 5



232063 Mounting Bushing

Servicing: A115I, 63321711, 63321711B, 63321730A, 63321730B, 63321758, 63321778, 63341711, 63341730, 63341758, 63341778

ID 8.80, **OD** 15.00, **OD/ collar** 21.20, **Length** 25.00, **Height/ collar** 4.00

Mounting Bushing Kits



132572 Mounting Bushing Kit

Servicing: 63303191, 63303780, 63304800

ID 12.30, **OD** 21.00, **Length** 29.00

Bearing Retainer Plates

Pkg. 10



231136 Bearing Plate

Servicing: AA125R, 063321000010, 063321165010, 63300506, 63300515, 63300521, 63300802, 63300900, 63300901, 63300905, 63300920

ID 23.50, **Thickness** 1.95, **No./ mount. holes** 2



231137 Bearing Plate

Servicing: AA125R, 063320049010, 063321021010, 063321042010, 63320018, 63320022, 63320023, 63320024, 63320026, 63320032, 63320042

ID 24.00, **OD** 60.20, **Thickness** 2.00, **No./ mount. holes** 3, **Gasket** w/o

Pkg. 5



232059 Bearing Plate

Servicing: A115I, 063341658000, 063377002010, 063377423010, 063377424010, 063377425010, 63320289, 63320511, 63321200, 63321204

ID 28.00, **OD** 57.10, **Thickness** 2.00, **No./ mount. holes** 4, **Gasket** w/o

Pkg. 5



232060 Bearing Plate

Servicing: A115I, 063377009010, 63321200, 63321233, 63321234, 63321235, 63321270, 63321280, 63321281, 63321286, 63321292, 63321300

ID 28.00, **OD** 48.90, **Thickness** 2.00, **No./ mount. holes** 4

Pkg. 10



234041 Bearing Plate

Servicing: A127IR, 63320277, 63320305, 63320309, 63320310, 63320315, 63320317, 63321227, 63321229, 63321231, 63321237, 63321243

ID 30.10, **OD** 54.50, **Thickness** 2.00, **No./ mount. holes** 3

Pkg. 5



234714 Bearing Plate

Servicing: A127I, 063321940010, 063377005010, 63320333, 63321232, 63321241, 63321245, 63321246, 63321310, 63321313, 63321315

ID 30.00, **OD** 61.00, **Thickness** 2.50, **No./ mount. holes** 3

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.

Bearing Caps

Pkg. 5



139866 Bearing Cap

Servicing: A127IR

ID 35.00, **OD** 37.00, **Height** 18.30

Length 14.00/18.00 mm.

Pkg. 25



139952 Bearing Cap

Servicing: A115I, 63321286, 63321292, 63321760, 63321779, 63321805, 63321806, 63321862, 63321872, 63377017, 63377493

ID 35.00, **OD** 37.00, **Height** 14.00

Pkg. 5



231827 Bearing Cap

Servicing: A115IM, 063341658000, 063377002010, 063377008010, 063377009010, 063377423010, 063377424010, 063377425010, 63321200

ID 35.00/17.80, **OD** 36.80/41.30, **Height** 18.10

Various

Pkg. 10



137583 Tolerance Ring

Servicing: 63321257, 63321425

ID 35.00, **OD** 37.00, **Height** 14.00

Pkg. 10



139748 Nut

Servicing: A127I, 63321244, 63321669, 63321691, 63321724, 63321730, 63321730A, 63321730B, 63321758, 63321778, 63341244, 63341730

Thread M8, **OD** 12.70, **Lock nut** No

Pkg. 5



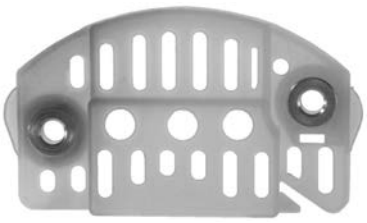
232061 Spring Clip

Servicing: A115I

ID 8.50, **OD** 15.00, **Thickness** 1.00, **Material** Metal

Covers

Pkg. 5



132245 S.R.E. Cover

Replacing: 74880551, 74877141

Servicing: AA125, 63305100, 63305101, 63305130, 63305131, 63305206, 63305236, 63305401, 63305404, 63305700, 63305801, 63305802

White.

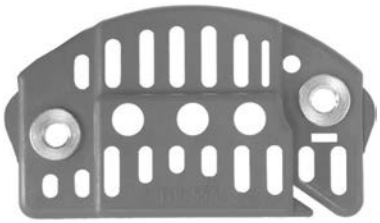


132315 S.R.E. Cover

Replacing: 83611721, 83606891, 83606791, 83603821, 83603191

Servicing: AA125, 63305101, 63305131, 63307101, 63307131, 63307401, 63320001, 63320002, 63320003, 63320004, 63320005, 63320006

Pkg. 5



132630 S.R.E. Cover

Replacing: 74880571

Servicing: AA125, 63305400, 63305401, 63305404, 63305406, 63305420, 63305424, 63305426, 63305430, 63305431, 63305440, 63305446

Red.



133201 S.R.E. Cover

Replacing: 85560701, 85560011, 83617721

Servicing: AA125R, 063320049010, 063321000010, 063321021010, 063321042010, 063321165010, 63320001, 63320002, 63320010, 63320021



135564 S.R.E. Cover

Replacing: 83617741

Servicing: AA125, 63320053, 63320055, 63320056, 63320058, 63320112, 63320128, 63321061, 63321103, 63321108, 63321109, 63321110



138356 S.R.E. Cover

Replacing: 83619751, 83618381, 83617931, 83612670

Servicing: A127IM, 63320289, 63321321, 63321333, 63321351, 63321352, 63321353, 63341240, 63341321, 63341333, 63341351, 63341353

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



138852 S.R.E. Cover

Servicing: A127I, 63320309, 63320310, 63320315, 63320317, 63321243, 63321434, 63341243, 63341434



138891 S.R.E. Cover

Replacing: 85562721, 85562671, 83613151, 83612690

Servicing: A115I, 63321238, 63321239, 63321244, 63321257, 63321425, 63321636, 63321658, 63321666, 63321669, 63321691, 63321695



139100 S.R.E. Cover

Replacing: 83614900

Servicing: 63321205, 63321276, 63321361, 63321617



139622 S.R.E. Cover

Replacing: 83617041, 83609731

Servicing: A115I, 63321235, 63321281, 63321300, 63321364, 63321603, 63321604, 63321629, 63321715, 63321782



139855 S.R.E. Cover

Servicing: A127, 63321285, 63321324, 63321421, 63321422



139865 S.R.E. Cover

Replacing: 83614910

Servicing: A115I, 63320511, 63321251, 63321302, 63321615, 63321616, 63321618, 63321660



230372 S.R.E. Cover

Servicing: A127, 63321678, 63321679, 63321746, 63321823, 63321898, 63341678, 63341679, 63341746, 63377402, 63377404, 63377409



230537 S.R.E. Cover

Replacing: 83617031

Servicing: A115I, 63321277, 63321278, 63321287, 63321311, 63321330, 63321610, 63321611, 63321612, 63321614, 63321620, 63321640



230677 S.R.E. Cover

Replacing: 83608581, 83607761

Servicing: A115I, 63321252, 63321283, 63321295, 63321606, 63321607, 63321609, 63321625, 63321631



230756 S.R.E. Cover

Replacing: 83608510

Servicing: A115I, 63321204, 63321275, 63321282, 63321362, 63321367, 63321661



230948 S.R.E. Cover

Replacing: 83615541

Servicing: A127IR, 63320280, 63321332, 63321453, 63321485, 63321489, 63321792



230949 S.R.E. Cover

Replacing: 85562711, 85562661

Servicing: A115I, 63321348, 63321356, 63321692, 63321693, 63321704, 63321705



231239 S.R.E. Cover

Servicing: A115I, 63321356, 63321692, 63321704, 63341704

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



231385 S.R.E. Cover

Replacing: 83615651, 83614650

Servicing: A127IR, 63320277, 63320333, 63321328, 63321355, 63321419, 63321436, 63321506, 63321803



231430 S.R.E. Cover

Servicing: A115I, 63321730, 63321730a, 63321730b, 63341695, 63377460



231550 S.R.E. Cover

Replacing: 83621091

Servicing: A115I, 63320542, 63321671, 63341671



231698 S.R.E. Cover

Servicing: A115I, 63320542, 63321671, 63341671

w/o bushing.



231700 S.R.E. Cover

Replacing: 83615601

Servicing: A127I, 63321232, 63321241, 63321245, 63321313, 63321412



231812 S.R.E. Cover

Replacing: 83614890

Servicing: A115I, 63320500, 63320501, 63320502, 63320511, 63320522, 63320543, 63321200, 63321233, 63321234, 63321251, 63321270



231905 S.R.E. Cover

Replacing: 83618491

Servicing: A127IR, 63321343, 63321344, 63321345, 63321346, 63321347, 63321465, 63321473, 63341343, 63341344, 63341345



231991 S.R.E. Cover

Replacing: 83619031

Servicing: A115I, 63321641, 63321723, 63341641, 63341723



232175 S.R.E. Cover

Replacing: 83616771, 83612191

Servicing: A127I, 63320305, 63321227, 63321229, 63321299, 63321405



232462 S.R.E. Cover

Replacing: 83610091

Servicing: A127I, 63321231



232463 S.R.E. Cover

Replacing: 83614691

Servicing: A115I, 63321312, 63321613



233500 S.R.E. Cover

Replacing: 83615571, 83614631

Servicing: A127I, 63321237, 63321246, 63321310, 63321315, 63321316, 63321331, 63321349, 63321389, 63321398, 63321402, 63321418



233539 S.R.E. Cover

Servicing: A115I, 63321205, 63321276, 63321361



233824 S.R.E. Cover

Servicing: A115I, 63321711, 63321711B, 63321758, 63321778, 63341711, 63341758, 63341778



234109 S.R.E. Cover

Servicing: A127IR, 63321491, 63321507, 63321801, 63321802, 63321804, 63321805, 63321806, 63321858, 63321859, 63321862, 63377004



234327 S.R.E. Cover

Servicing: A115IM, 63321733, 63321734, 63321741, 63321829, 63341733



234429 S.R.E. Cover

Replacing: 83616141

Servicing: A127IR, 63321340



234430 S.R.E. Cover

Replacing: 83608400, 234430

Servicing: A115I, 63321761, 63321848, 63321870, 63377001



234431 S.R.E. Cover

Servicing: A115IM, 063377002010, 063377008010, 63321718, 63321729, 63321760, 63321765, 63321775, 63321809, 63321819, 63321826



234765 S.R.E. Cover

Servicing: A115I, 63321658, 63321702, 63321897



235491# S.R.E. Cover

Replacing: 83616891

Servicing: 63321391, 63321461



237963 S.R.E. Cover

Servicing: A115IM, 63321740



238988 S.R.E. Cover

Servicing: 63321200, 63321600, 63321626, 63321779, 63321788, 63321872, 63377011

Regulators

14 Volt



130613 Regulator

Replacing: rt116b, rc212e, rc212d, rc212, rc2/12b, rc1/12b

Servicing: 63320035

14.7 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic



130651# Regulator

Replacing: rtt113a, 64808130

Servicing: AA125, 63303501, 63303502, 63303521, 63303522, 63303581, 63303700, 63303701, 63303702, 63303703, 63303720, 63303721

14.7 **V setting**, **Dist. mount. holes** 27.55, **Regulator type** Electronic



130652 Regulator

Replacing: rtt114a, 64808143, 64808140, 64808106

Servicing: AA125, 63300515, 63300905, 63300925, 63305100, 63305101, 63305102, 63305103, 63305120, 63305122, 63305123, 63305130

14.5 **V setting**, **Dist. mount. holes** 59.70



130676 Regulator

Replacing: rtt110abt, rtt110ab, rtt110a, rt110abt, 64808100, 64808012, 64808011, 64808010

Servicing: AA108, 63300801, 63300802, 63300821, 63300900, 63300901, 63300907, 63300917, 63300920, 63300921

14.7 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic

Alternative no.: 333253 5★, B130676

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.



130679 Regulator

Replacing: rc2/1ld

Servicing: 63303000, 63303001, 63303191, 63303200, 63303202, 63303203, 63303213, 63303282, 63303290, 63303300, 63303311, 63303380

14.5 **V setting**, **Dist. mount. holes** 78.00, **Regulator type** Electronic
Triple phase.



130964 Regulator

Replacing: 72397002, 72390102, 72390002, 72367802, 72367202, 72367102, 72367002, 72365902, 72360302

14.5 **V setting**, **Dist. mount. holes** 70.70, **Regulator type** Electronic



131277 Regulator

Replacing: 28001, 28000, 000028000010

Servicing: A127, 054022053010, 54022562, 54022713, 54022720, 63324121, 63324145, 63324157, 63324158, 63324161, 63324188, 63324198

14.5 **V setting**, **Dist. mount. holes** 49.00, **Regulator type** Electronic,
Not insulated return



131283 Regulator

Replacing: rtt119ac, rtt119a, 83600151, 79707481, 79707161, 5812002200, 58120022

Servicing: AA125R-14V-65A, 063320049010, 063321000010, 063321021010, 063321165010, 63320001, 63320002, 63320004, 63320005

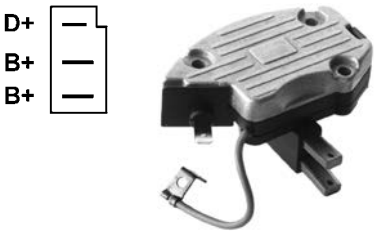
14.7 **V setting**, **Dist. mount. holes** 65.00, **Regulator type** Electronic



132855 Regulator

Replacing: 940038087

14.6 **V setting**, **Dist. mount. holes** 57.50, **Terminal type** IG-S-L
Repair circuit: HC-CARGO 133240. L-terminal drives the choke.



133789 Regulator

Replacing: 28006

Servicing: A127, 63324256, 63324273, 63324274, 63324295, 63324311

14.2 **V setting**,
Dist. mount. holes 50.00x30.00
Insulator: HC-CARGO 134955.



133956 Regulator

Replacing: rtt118l, rtt118j, rtt118e, rtt118c, 83607121, 64808243, 64808241, 64808184, 64808182

Servicing: AA125R, 63320027, 63320039, 63320041, 63320059, 63320101, 63321057, 63321081, 63321083, 63321114, 63321178

14.6 **V setting**, **Dist. mount. holes** 66.50



136432 Regulator

Replacing: rtm152a, rtm151c, rtm151b, rtm151a, rtm121a, 85563051, 85561291, 83611361, 08556351010

Servicing: AA115I, 63320200, 63320203, 63320219, 63320227, 63320235, 63320238, 63321200, 63321204, 63321205, 63321233, 63321234

14.7 **V setting**, **Dist. mount. holes** 60.20, **D+ type** Screw, **Regulator type** Electronic
HD Version: HC-CARGO 331850.



136457 Regulator

Replacing: 28018a

Servicing: A127I, 63320309, 63320310, 63320315, 63320317, 63321243, 63321285, 63321324, 63321358, 63321421, 63321422, 63321434

14.7 **V setting**, **Dist. mount. holes** 54.90, **D+ type** Screw, **Regulator type** Electronic

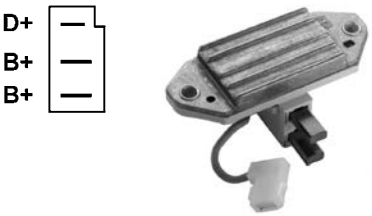


138789 Regulator

Replacing: rtm200.05, rtm154a, rtm153b, 85563011, 85561921, 83631901, 83617181, 83617171

Servicing: A127IM, 63320289, 63320349, 63321240, 63321244, 63321257, 63321321, 63321328, 63321333, 63321340, 63321343, 63321344

14.7 **V setting**, **Dist. mount. holes** 56.30, **D+ type** Screw, **Regulator type** Electronic



138795 Regulator

Replacing: rte119ac, 83603151

Servicing: AA125R, 63320029, 63321059, 63321105

14.7 **V setting**, **Dist. mount. holes** 65.00



138797 Regulator

Replacing: rtm24tr, 83614251

Servicing: A127I, 63320305, 63321227, 63321229, 63321231, 63321232, 63321237, 63321241, 63321245, 63321246, 63321253, 63321299

14.7 **V setting**, **Dist. mount. holes** 50.40, **D+ type** Screw, **Regulator type** Electronic



138798 Regulator

Replacing: rtm150b, 83615921

Servicing: A127IM, 63321261, 63341261

14.7 **V setting**, **Dist. mount. holes** 57.60, **D+ type** Screw



139215 Regulator

Replacing: 28019

Servicing: A127, 63324403, 63324404

14.2 **V setting**, **Dist. mount. holes** 47.90, **Regulator type** Electronic





230790 Regulator

Replacing: 940016012300, 85582601, 85562801, 85562541, 83627781, 08558260110

Servicing: A115I, 63321678, 63321679, 63321746, 63341678, 63341679

14 **V setting**, **Dist. mount. holes** 73.90, **Regulator type** Electronic

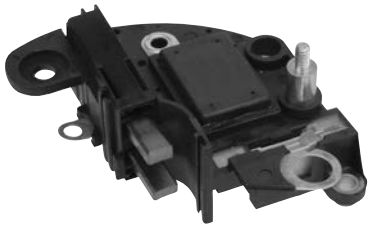


230800 Regulator

Replacing: rtm300.07, 85562991

Servicing: A115I, 63321760, 63321771, 63321788, 63321826, 63321827, 63321838, 63321848

14.7 **V setting**, **Dist. mount. holes** 81.80, **Regulator type** Electronic, **Capacitor** w/

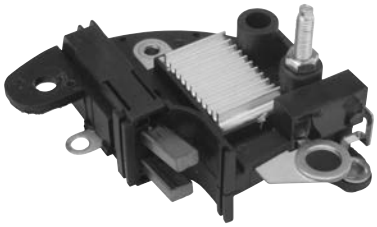


233634 Regulator

Replacing: rtm159b, 85561801

Servicing: A115I, 63321348, 63321356, 63321692, 63321693, 63321704, 63321705, 63341704, 63341705

Dist. mount. holes 67.00, **D+ type** Bolt, **Regulator type** Electronic, **Battery sensor** w/o, **Capacitor** w/, **Resistor** w/o, Not insulated return

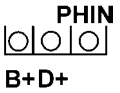


233635 Regulator

Replacing: rtm152b, 85562298, 85562202, 83631891

Servicing: A115I, 63321770, 63341238, 63341239, 63341727, 63341770

Dist. mount. holes 77.45





233636 Regulator

Replacing: RTM200.09, rtm200.03, L9115L5, 85563481

Servicing: A115I, 063341658000, 63341702

Dist. mount. holes 65.50, **Regulator type** Electronic





234557 Regulator

Replacing: 940038097

14.6 **V setting**, **Dist. mount. holes** 63.50

L-terminal does not drive the choke.

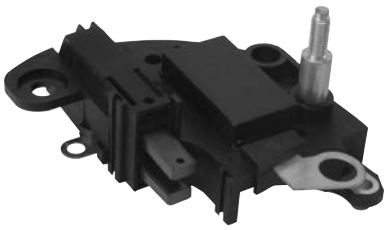


235421 Regulator

Replacing: rtm300.02, rte100a, 85563501, 85562061

Servicing: 63321641, 63321671, 63321723, 63341641, 63341671, 63341723

14.4 **V setting**

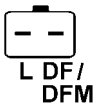


236579 Regulator

Replacing: rtm200.01, 85562881, 85562731, 085562881010

Servicing: A127IM, 063321940010, 063377002010, 063377005010, 063377008010, 063377009010, 63321491, 63321494, 63321507, 63321712

14.4 **V setting**, **Dist. mount. holes** 84.25, **D+ type** Bolt, **Regulator type** Electronic, **Capacitor** w/, **Resistor** w/o





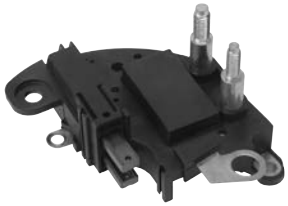
238265 Regulator

Replacing: rtm300.01, 85563491

Servicing: A115IM, 63321733, 63321734, 63321740, 63321741, 63321829, 63341733, 63341734, 63341740, 63341829, 63377300

14.4 **V setting**, **Regulator type** Electronic, **Terminal type** DF-I, **Capacitor** w/, **Resistor** w/o





239983 Regulator

Replacing: 85552506

Servicing: 63377491

14.2 **V setting**, 130 **Amp**, **Dist. mount. holes** 33.00, **D+ type** Bolt, **Regulator type** Electronic

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



331850 Regulator

Servicing: 63320277, 63320333, 63320511, 63321200, 63321204, 63321205, 63321233, 63321235, 63321237, 63321246, 63321251, 63321252

14.4 **V setting**, **Dist. mount. holes** 84.00, **D+ type** Bolt, **Regulator type** Electronic
LD Version of HC-CARGO 136432.



333253 5★ Regulator

Manufacturer: Bosch

Replacing: rtt110abt, rtt110ab, rtt110a, rtt110abt, 64808012, 64808011, 64808010

Servicing: AA108

14.7 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic
Alternative no.: 130676

28 Volt



130592 Regulator

Replacing: 64800007

28.3 **V setting**, **Dist. mount. holes** 66.00, **Regulator type** Electronic
Slip ring O.D. 32.00 mm.



130610 Regulator

Replacing: rtt110j, rtt110c

Servicing: 63320028

28.3 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic



130653 Regulator

Replacing: rtt114b, 81200270, 64808141

Servicing: AA125, 63306000, 63306300, 63306301, 63306302, 63306320, 63306360, 63306369, 63306370, 63306379, 63306389, 63306399

28.3 **V setting**, **Dist. mount. holes** 58.40



131282 Regulator

Replacing: rtt113b, rtt110ci, rc2/24b, rc2/24, 64808132, 64808110, 64808108, 64808107, 64808102, 63408306

Servicing: AAD124, 63301000, 63301001, 63301002, 63301031, 63301200, 63301201, 63301241, 63304000, 63304001, 63304002, 63304003

28.3 **V setting**, **Dist. mount. holes** 24.50

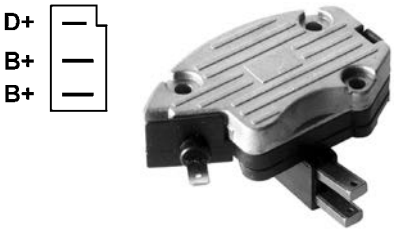


131286 Regulator

Replacing: rtt119b, 79707441

Servicing: AA125R, 63320025, 63320052, 63320057, 63320060, 63320118, 63321045, 63321046, 63321047, 63321048, 63321049, 63321050

28.3 **V setting**, **Dist. mount. holes** 66.40, **Regulator type** Electronic



135231 Regulator

Replacing: 28002

Servicing: A127, 63324299, 63324406

28.2 **V setting**, **Dist. mount. holes** 48.50



138796 Regulator

Replacing: 83606411

Servicing: AA125R, 63320060, 63320114, 63321115, 63321158, 63321161, 63321162, 63321163, 63321168, 63321181

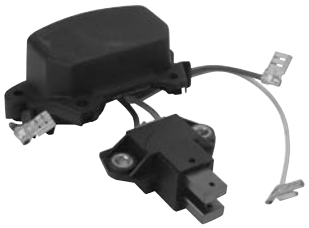
28.5 **V setting**, **Dist. mount. holes** 62.00, **D+ type** Screw



232636 Regulator

Servicing: A127

28.3 **V setting**, **Dist. mount. holes** 57.00, **D+ type** Screw



235829 Regulator

Replacing: 940038173

27.7 **V setting**, 25.4 - 31.0 **V/ adjustable**, **Regulator type** Electronic

Brush Boxes



130703 Brush Box

Replacing: 74999891, 74999461, 74990451, 74990431

Servicing: A124N, A12M, 63303000, 63303001, 63303030, 63303041, 63303061, 63303100, 63303120, 63303130, 63303140, 63303150

14/28 **V**



130704 Brush Box

Replacing: 74876641

Servicing: AA125, 63300515, 63300905, 63300925, 63305100, 63305101, 63305102, 63305103, 63305120, 63305122, 63305123, 63305130

14 **V**, **OD** 48.45



131554 Brush Box

Replacing: 74965531

Servicing: AA124, 63303502, 63303522, 63303581, 63303610, 63303700, 63303701, 63303702, 63303703, 63303720, 63303721, 63303722

14 **V**, **OD** 33.55



131703 Brush Box

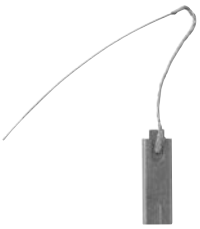
Replacing: 74877551

Servicing: A125, 63300515, 63305000, 63305020, 63305300, 63305310

14 **V**, **OD** 47.90

Brush Box Parts

Brush Sets



140914 Brush Set

Replacing: 140914

Servicing: 063321940010, 063341658000, 063377002010, 063377005010, 063377008010, 063377009010, 63320277, 63320289, 63320333

14 **V**, **Length** 19.50, **Lead length** 96.00, **Height** 7.00, **Thickness** 4.00



JX30-312 Brush Set

Replacing: jx30-312, 74995241

14/28 **V**, **Length** 14.50/16.00, **Lead length** 18.00, **Height** 8.00, **Thickness** 5.00



JX322 Brush Set

Replacing: 74992271

Servicing: 63300521

14/28 **V**, **Length** 14.50/15.50, **Lead length** 40.00, **Height** 8.00, **Thickness** 5.00



JX422 Brush Set

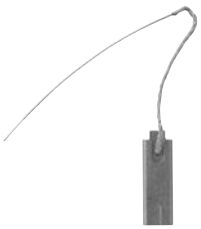
Replacing: 79705021

Servicing: 063377423010, 063377424010, 063377425010, 63320030, 63320124, 63320137, 63321008, 63321083, 63321114, 63321178

14 **V**, **Length** 126.00/17.50, **Lead length** 50.00, **Height** 7.20, **Thickness** 4.20
Alternative no.: J42

Brushes

Pkg. 100



B140914 Brush

Replacing: B140914

Servicing: 63321348, 63321356, 63321692, 63321693, 63321704, 63321705, 63341704

14 **V**, **Length** 19.50, **Lead length** 96.00, **Height** 7.00, **Thickness** 4.00

Pkg. 100



J42 Brush

Replacing: JX422

14/28 **V**, **Length** 16.50, **Lead length** 51.00, **Height** 7.15, **Thickness** 4.15
Alternative no.: JX422

Rectifiers



130364 Rectifier

Replacing: 74999091, 74990341, 74990331

Servicing: A124N, A12M, A124, 63301000, 63301001, 63301002, 63301200, 63301201, 63303000, 63303030, 63303311, 63303380, 63303391

35 **Amp/ diode**, **B+/ threaded** M6, **ID** 48.70, **OD** 110.00, **B+ type** Bolt, **No./ diodes** 3



130597 Rectifier

Replacing: 74995801, 74995001, 74986411

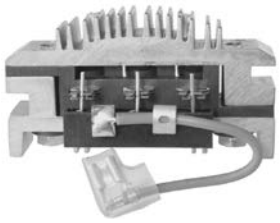
Servicing: 63300506, 63300520, 63300521, 63300526, 63300801, 63300802, 63300812, 63300821, 63300900, 63300901, 63300902, 63300907

35 **Amp/ diode**, **B+/ threaded** 9.40, **ID** 32.15, **OD** 90.00, **Mount. dist.** 75.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o

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Available while stock last, * Program development.



130650 Rectifier

Replacing: prd4a, 85560001, 74986301, 74984951, 74878691, 74877741, 748774701, 64826040, 64826022, 64826011

Servicing: AA108, 63300515, 63300905, 63300925, 63305000, 63305020, 63305100, 63305101, 63305102, 63305103, 63305120, 63305122

35 **Amp/ diode**, **OD** 74.00, **No./ diodes** 6
Thickness 17.50 mm.



131304 Rectifier

Replacing: 84454

Servicing: A127, 54022562, 54022713, 63324145, 63324157, 63324158, 63324161, 63324198, 63324199, 63324200, 63324202, 63324208

35 **Amp/ diode**, **W thread** M5, **B+/ threaded** M6/36.30, **D+ threaded** M5/31.40, **ID** 47.70, **OD** 115.00, **Mount. dist.** 75.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **No./ diodes** 6, **Capacitor** w/o
Alternative no.: B131304



131505 Rectifier

Replacing: RDD16C, rdd16, rdd15, 83621801, 63623001, 63621603, 63621601, 63621503, 63621501

Servicing: AA125R, 063320049010, 063321000010, 063321021010, 063321165010, 63220125, 63320001, 63320002, 63320003, 63320004

35 **Amp/ diode**, **B+/ threaded** M6/11.50, **OD** 83.00, **Mount. dist.** 68.00, **B+ type** Screw, **No./ diodes** 6



131564 Rectifier

Replacing: 74966621, 74966611, 74965501, 4474546, 21223062

Servicing: A124, 63303200, 63303202, 63303203, 63303213, 63303220, 63303222, 63303223, 63303240, 63303280, 63303282, 63303290

35 **Amp/ diode**, **ID** 41.00, **OD** 110.00, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



132721 Rectifier

Replacing: 28502

Servicing: A127, 63324121, 63324206, 63324217, 63324220, 63324221, 63324334, 63324404

35 **Amp/ diode**, **W thread** M5/25.50, **B+/ threaded** M6, **D+ threaded** M4, **ID** 48.15, **OD** 115.00, **Mount. dist.** 71.50, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



135605 Rectifier

Replacing: 940038214

50 **Amp/ diode**, **W thread** 6.3-10.00, **B+/ threaded** M8/23.45, **D+ threaded** M5/11.00, **ID** 23.00, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 14, **Capacitor** w/o



136324 Rectifier

Replacing: 28506, 28500

Servicing: A127, 63324286, 63324411

35 **Amp/ diode**, **W thread** M5, **B+/ threaded** M6/47.00, **D+ threaded** M5/28.00, **ID** 50.55, **OD** 115.00, **B+ type** Screw, **D+ type** Screw, **W type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o



136423 Rectifier

Replacing: rdd033, 63623301

Servicing: A115I, 63321200, 63321204, 63321233, 63321234, 63321252, 63321270, 63321280, 63321600, 63321605, 63321609, 63321625

50 **Amp/ diode**, **B+/ threaded** M6/36.00, **ID** 37.15, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



136458 Rectifier

Replacing: 83610231

Servicing: A127, 63321227, 63321229, 63321231, 63321232, 63321237, 63321241, 63321245, 63321246, 63321253, 63321299, 63321313

B+/ threaded M8/52.00, **ID** 56.30, **OD** 104.00, **Mount. dist.** 68.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/o
Spacer: HC-CARGO 235288.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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136675 Rectifier

Replacing: 63622001

Servicing: AA125R, 63320042, 63320046, 63321084, 63321096

35 **Amp/ diode**, **B+/ threaded** M6/11.60, **OD** 83.20, **Mount. dist.** 71.50, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



136740 Rectifier

Servicing: A127, 63320303, 63320309, 63320310, 63320317, 63321285, 63321324, 63321358, 63321421, 63321422, 63321434, 63340004

35 **Amp/ diode**, **B+/ threaded** M6/8.00, **OD** 106.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
Gasket: HC-CARGO 230375.



137695 Rectifier

Servicing: A127I

35 **Amp/ diode**, **B+/ threaded** M8/7.80, **ID** 55.00, **OD** 106.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o
Gasket: HC-CARGO 230375.



138376 Rectifier

Replacing: rdd33, 63624901, 63623801

Servicing: AA115I, 63320511, 63321205, 63321235, 63321251, 63321276, 63321277, 63321278, 63321281, 63321287, 63321292, 63321295

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M8/33.00, **ID** 39.00, **OD** 112.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



138377 Rectifier

Replacing: RDD42A, rdd42, 63625801, 63624201

Servicing: A127IR, 063321940010, 063377005010, 63320277, 63320333, 63321237, 63321246, 63321310, 63321315, 63321316, 63321328

50 **Amp/ diode**, **B+/ threaded** M8/35.00, **ID** 70.00, **OD** 122.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.
Alternative no.: B138377



138790 Rectifier

Replacing: RDD36A, 63623601

Servicing: A127IM, 63320289, 63321353, 63321354, 63341353, 63341354

50 **Amp/ diode**, **B+/ threaded** M8/30.70, **OD** 122.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



138792 Rectifier

Replacing: RDD36B, 63623602

Servicing: A127IM, 63321321, 63321333, 63321351, 63321352, 63341321, 63341333, 63341351, 63341352, 63621321, 63621333, 63621351

50 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 122.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6
w/ terminal W.



138800 Rectifier

Replacing: rdd37, 63623701

Servicing: A127IM, 63321240, 63341240

50 **Amp/ diode**, **B+/ threaded** M8/31.00, **OD** 122.00, **Mount. dist.** 80.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



138801 Rectifier

Replacing: RDD42B, 63624202

Servicing: A127IR, 63320349, 63321343, 63321344, 63321345, 63321346, 63321347, 63321462, 63321465, 63321466, 63321468, 63321473

50 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 122.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



139214 Rectifier

Replacing: rdd75, rdd65, rdd35, 63624801, 63624701, 63623901, 63623501

Servicing: A115I, 63321205, 63321235, 63321252, 63321257, 63321270, 63321275, 63321276, 63321277, 63321278, 63321280, 63321281

50 **Amp/ diode**, **B+/ threaded** M8/37.80, **OD** 112.00, **Mount. dist.** 80.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



139218 Rectifier

Replacing: rdd29, 63622901

Servicing: AA125R, 63320060, 63320114, 63321115, 63321158, 63321161, 63321162, 63321163, 63321168, 63321180, 63321181

35 **Amp/ diode**, **B+** M8/10.30, **B+/ threaded** M8/10.30, **OD** 83.25, **Mount. dist.** 71.76, **B+ type** Screw, **Diode type** Zener, **No./ diodes** 6, **Capacitor** w/o



230119 Rectifier

Replacing: 63624802

Servicing: A115I, 63320545, 63321238, 63321244, 63321257, 63321425, 63321636, 63321658, 63321666, 63321669, 63321691, 63321695

50 **Amp/ diode**, **B+/ threaded** M6/38.00, **OD** 112.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



231025 Rectifier

Replacing: 85552110, 85552109, 85552108, 85552107, 85552106, 85552105, 85552104, 85552103, 63625002

Servicing: A115I, 063377002010, 063377008010, 063377009010, 063377423010, 063377424010, 063377425010, 63321287, 63321292, 63321330

50 **Amp/ diode**, **B+/ threaded** M8/37.00, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6



231026 Rectifier

Replacing: 63625003

Servicing: A115I, 63321711, 63321711B, 63321730A, 63321730B, 63321758, 63321778, 63321822, 63341658, 63341695, 63341702, 63341711

14 **V**, **B+** M6, **B+/ threaded** M6/30.00, **ID** 53.50, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Brush gear** w/o
w/ terminal W.



233534 Rectifier

Replacing: 63624103

Servicing: A115I, 63321348, 63321356, 63321692, 63321693, 63321704, 63321705, 63341704, 63341705

35 **Amp/ diode**, **B+/ threaded** M6/11.40, **ID** 38.00, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



233792 Rectifier

Replacing: 63626002

Servicing: A115I, 63321678, 63321679, 63321733, 63321734, 63321740, 63321741, 63321746, 63321823, 63321829, 63321898, 63341678

50 **Amp/ diode**, **B+/ threaded** M6/16.00, **OD** 108.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6



234958 Rectifier

Servicing: A115I, 63321239, 63341239

50 **Amp/ diode**, **B+/ threaded** M6/30.00, **OD** 112.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



235365 Rectifier

Replacing: RDD44, 83620861, 63624401

Servicing: 63321641, 63321671, 63341641, 63341671, 63341723, 63341727

14 **V**, 19/24 **Zener V**, 50 **Amp/ diode**, **B+/ threaded** M8/27.57, **OD** 111.11, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 6, **Capacitor** w/o



236255 Rectifier

Replacing: 54209741, 236255

Servicing: 63320315, 63321243, 63340005, 63341243

14 **V**, 24 **Zener V**, 35 **Amp/ diode**, **B+/ threaded** M6/36.00, **OD** 106.00, **Mount. dist.** 67.87, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o

Rectifier Parts

Diode Trios



230474 Diode Trio

Replacing: 74936901

Servicing: A115I

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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Terminals

Pkg. 10



231870 Terminal Bolt

Servicing: A115IM, 63321286, 63321292, 63321760, 63321779, 63321872, 63377017, 63377493

Thread size M5, **Total length** 33.30, **Thread length** 12.50

Various

Pkg. 10



231871 Screw

Servicing: A115IM, 063321940010, 063377005010, 63320277, 63320289, 63320333, 63321200, 63321233, 63321234, 63321235, 63321237

Thread M5, **Total length** 38.75, **Thread length** 18.40

Bearings

Special Bearings

Pkg. 10



140265 62202-A-2RSR-C3 Ball Bearing

Replacing: 140265

Servicing: 63300515, 63300905

ID 15.00, **OD** 35.00, **Height** 14.00

Pkg. 10



141071 BB1-3036 Ball Bearing

Replacing: 141071

Servicing: 063321940010, 063341658000, 063377002010, 063377005010, 063377008010, 063377009010, 063377423010, 063377424010

ID 16.96, **OD** 35.00, **Height** 10.00

Fans & Pulleys

Fans



132313 Fan

Replacing: 74987100

Servicing: 063320049010, 063321000010, 063321021010, 063321042010, 063321165010, 63305206, 63305236, 63305404, 63305506, 63305526

OD 135.00, **Bore dia.** 17.00, **Height** 15.60, **Fans** 13, **Pulley** w/o



132569 Fan

Replacing: 74877100

Servicing: A124N, A12M, A133, 63303191, 63303502, 63303581, 63303701, 63303703, 63303780, 63304800, 63305100, 63305101, 63305130

OD 137.00, **Bore dia.** 15.00, **Height** 16.20, **Fans** 13, **Pulley** w/o



134538 Fan

Replacing: 74877090

OD 141.00, **Bore dia.** 17.00, **Height** 13.30, **Fans** 12, **Pulley** w/o

Pulleys



133404# Pulley

Replacing: 85560961, 83607800

Servicing: 63320055, 63321151, 63321200, 63321233, 63321270, 63321286, 63321292, 63321510, 63321600, 63321601, 63321605, 63321712

OD 60.00, **Bore dia.** 17.00, **Width** 21.40, **Depth** 13.00, **Pulley type** SP, **Grooves** 4



135742 Pulley

Servicing: AA125R, 63320040

OD 60.00, **Bore dia.** 17.00, **Width** 23.45, **Depth** 13.50, **Pulley type** SP, **Grooves** 3



138463 Pulley

Replacing: 85561441, 85561091

Servicing: AA125R, 63320305, 63321227, 63321229, 63321237, 63321299, 63321331, 63321332, 63321389, 63321391, 63321398, 63321402

OD 62.50, **Bore dia.** 17.00, **Dist./ back** 7.50, **Width** 36.90, **Depth** 20.90, **Pulley type** SP, **Grooves** 6

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#Available while stock last, * Program development.



138786 Pulley

Replacing: 85561881

Servicing: AA127IM, 63320309, 63321351, 63341351

OD 54.50, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 38.00, **Depth** 19.30, **Pulley type** SP, **Grooves** 5



139106 Pulley

Replacing: 85561010, 85561001

Servicing: A115I, 63321234, 63321280, 63321602, 63321626, 63321663, 63321788

OD 59.40, **Bore dia.** 17.00, **Dist./ back** 5.70, **Width** 36.40, **Depth** 23.70, **Pulley type** SP, **Grooves** 4



139109# Pulley

Replacing: 85561871

Servicing: A127IM, 63320310, 63320317, 63321333, 63321352, 63321434, 63341333, 63341352, 63341434

OD 55.00, **Bore dia.** 17.00, **Dist./ back** 5.70, **Width** 41.50, **Depth** 23.60, **Pulley type** SP, **Grooves** 6



139135 Pulley

Replacing: 85561031, 83609860

Servicing: A115I, 63321235, 63321281, 63321300, 63321603, 63321604, 63321629

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 20.70, **Depth** 5.00, **Pulley type** SP, **Grooves** 4



139219 Pulley

Replacing: 85561081, 85560731, 83607720

Servicing: A115I, 63320082, 63320083, 63320132, 63321137, 63321149, 63321150, 63321151, 63321155, 63321156, 63321157, 63321204

OD 62.00, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 25.50, **Depth** 18.20, **Pulley type** SP, **Grooves** 5



139314 Pulley

Replacing: 85561911

Servicing: A127IM, 63321321, 63341321, 63341358

OD 49.00, **Bore dia.** 17.00, **Dist./ back** 5.80, **Width** 37.50, **Depth** 18.50, **Pulley type** SP, **Grooves** 7



139316 Pulley

Replacing: 85562091

Servicing: A127I, 63321671, 63321723, 63321741, 63321771, 63321772, 63341671, 63341723

OD 56.50, **Bore dia.** 17.00, **Dist./ back** 4.50, **Width** 27.50, **Depth** 14.90, **Pulley type** SP, **Grooves** 5



139412 Pulley

Replacing: 85561211

Servicing: A115I, 63321278, 63321287, 63321311, 63321312, 63321330, 63321491, 63321611, 63321612, 63321613, 63321614, 63321640

OD 61.95, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 37.30, **Depth** 26.90, **Pulley type** SP, **Grooves** 6



139863 Pulley

Replacing: 85562258

Servicing: A127I, 63321244, 63321257, 63321425, 63321631, 63321666, 63321669, 63321691, 63321695, 63321724, 63321730, 63321730A

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 3.60, **Width** 26.40, **Depth** 12.50, **Pulley type** SP, **Grooves** 5



230142 Pulley

Replacing: 85562201

Servicing: A115I, 63321238, 63321239, 63321636, 63321727, 63341238, 63341239, 63341636, 63341727

OD 48.00, **Bore dia.** 17.00, **Width** 24.50, **Depth** 16.50, **Pulley type** SP, **Grooves** 5



230177 Pulley

Replacing: 85561051

Servicing: 63321283, 63321606, 63321607, 63321625

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 0.00, **Width** 34.10, **Depth** 27.40, **Pulley type** SP, **Grooves** 5



230290 Pulley

Replacing: 85561071

Servicing: A115I, 63320511, 63321204, 63321251, 63321275, 63321282, 63321302, 63321362, 63321367, 63321615, 63321616, 63321618

OD 62.50, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 29.50, **Depth** 22.50, **Pulley type** SP, **Grooves** 6

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231301 Pulley

Replacing: 85561301

Servicing: A127I, 63320333, 63321232, 63321310, 63321313, 63321316, 63321355, 63321418, 63321419, 63321423, 63321436, 63321506

OD 62.00, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 38.50, **Depth** 21.00, **Pulley type** SP, **Grooves** 6



231398 Pulley

Servicing: A127I, 63321678, 63321679, 63321829, 63341678, 63341679, 63377402, 63377409, 63377410

OD 48.90, **Bore dia.** 17.00, **Dist./ back** 3.60, **Width** 30.30, **Depth** 16.25, **Pulley type** SP, **Grooves** 6



231632 Pulley

Servicing: A127I, 63320289, 63320315, 63321243, 63321353, 63341240, 63341243, 63341353

OD 66.50, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 37.00, **Depth** 18.00, **Pulley type** SP, **Grooves** 7



231798 Pulley

Replacing: 83617460

Servicing: A115I, 063341658000, 63321658, 63321702, 63321896, 63321897, 63341702, 63341896

OD 58.20, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 25.70, **Depth** 12.50, **Pulley type** SP, **Grooves** 4



232336# Pulley

Replacing: 85561361

Servicing: A127I, 63321241, 63321246, 63321349, 63321390, 63321800

OD 62.00, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 39.00, **Depth** 25.50, **Pulley type** SP, **Grooves** 7



232337# Pulley

Replacing: 85561161

Servicing: A127I, 63321231, 63321395

OD 65.50, **Bore dia.** 17.00, **Dist./ back** 8.50, **Width** 36.50, **Depth** 20.50, **Pulley type** SP, **Grooves** 5



232339 Pulley

Replacing: 85561541

Servicing: A115I, A127I, 63321348, 63321693, 63321705, 63341705

OD 66.50, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 32.50, **Depth** 18.00, **Pulley type** SP, **Grooves** 6



232340 Pulley

Replacing: 85561551

Servicing: A115I, 63321356, 63321692, 63321704, 63321715, 63321782, 63341704

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 23.00, **Depth** 10.00, **Pulley type** SP, **Grooves** 4



234625 Pulley

Replacing: 85561151

Servicing: A127I, 63320277, 63321253, 63321328, 63321340, 63321397, 63321401

OD 58.40, **Bore dia.** 17.00, **Dist./ back** 7.50, **Width** 42.00, **Depth** 27.20, **Pulley type** SP, **Grooves** 5



234627 Pulley

Replacing: 85562741

Servicing: A115IM, 063377002010, 63321718, 63321775

OD 54.30, **Bore dia.** 17.00, **Dist./ back** 4.60, **Width** 28.10, **Depth** 14.50, **Pulley type** SP, **Grooves** 5



234843 Pulley

Servicing: A115IM, 63321729, 63321836

OD 49.00, **Bore dia.** 17.00, **Dist./ back** 9.20, **Width** 38.50, **Depth** 24.80, **Pulley type** SP, **Grooves** 6



235038# Pulley

Servicing: A115IM, 63321740

OD 56.00, **Bore dia.** 17.00, **Dist./ back** 4.30, **Width** 26.60, **Depth** 12.80, **Pulley type** SP, **Grooves** 5

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.



235162 Pulley

Servicing: A115IM, 63321733, 63321734, 63341733

OD 54.60, **Bore dia.** 17.00, **Dist./ back** 4.40, **Width** 29.90, **Depth** 16.00, **Pulley type** SP, **Grooves** 6



235414 Pulley

Replacing: 85562791

Servicing: 63321200, 63321233, 63321600, 63321712, 63321713, 63321747, 63321779, 63321867

OD 59.60, **Bore dia.** 17.00, **Dist./ back** 3.60, **Width** 25.20, **Depth** 17.70, **Pulley type** SP, **Grooves** 4



236085 Pulley

Servicing: AA125R, 63320040, 63320111, 63320122, 63320140, 63321082, 63321136, 63321173, 63321488

OD 59.90, **Bore dia.** 17.00, **Width** 24.40, **Depth** 14.00, **Pulley type** SP, **Grooves** 4



236120 Pulley

Servicing: AA125R, 063321042010, 63320022, 63320024, 63320139, 63321039, 63321044

OD 90.00, **Bore dia.** 17.00, **Dist./ back** 3.00, **Width** 21.00, **Depth** 5.50, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



236404 Pulley

Servicing: 63321778, 63341778

OD 57.80, **Bore dia.** 17.00, **Dist./ back** 3.60, **Width** 29.70, **Depth** 16.50, **Pulley type** SP, **Grooves** 6



236724 Pulley

Servicing: A115IM, 63321760, 63321763

OD 60.00, **Bore dia.** 17.00, **Width** 25.70, **Pulley type** SP, **Grooves** 4



236971 Pulley

Servicing: 63321761, 63321872, 63377001

OD 53.70, **Bore dia.** 17.00, **Width** 24.60, **Pulley type** SP, **Grooves** 4



239905# Pulley

OD 48.90, **Bore dia.** 17.00, **Dist./ back** 8.00, **Width** 37.00, **Depth** 24.80, **Pulley type** SP, **Grooves** 6

Freewheel Pulleys



230313 Freewheel Pulley

Replacing: 9951162, 85562931, 85562751

Servicing: A127IR, 63321245, 63321315, 63321412, 63321497, 63321501, 63321506, 63321507, 63321804, 63321805, 63321806, 63321815

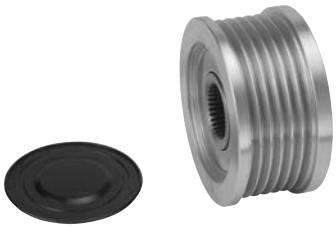
Thread size M17-1.50, **OD** 61.50, **Bore dia.** 17.00, **Dist./ back** 5.40, **Width** 37.20, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 332297



235476 Freewheel Pulley

Servicing: 63321743, 63321817

Thread size M17-1.50, **OD** 55.65, **Bore dia.** 17.00, **Dist./ back** 2.50, **Width** 35.50, **Pulley type** SP/FW, **Grooves** 6



235719 Freewheel Pulley

Replacing: 8362516

Servicing: 063321940010, 063377005010, 63321862, 63377491, 63377492

Thread size M16-1.50, **OD** 61.45, **Bore dia.** 17.00, **Dist./ back** 8.50, **Width** 40.40, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6
Alternative no.: 333135

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



332297 Freewheel Pulley HC-CARGO

Replacing: 9951162, 85562931, 85562751

Servicing: A127IR, 63321245, 63321315, 63321412, 63321497, 63321501, 63321507, 63321804, 63321805, 63321806, 63321819, 63321826

Thread size M17-1.50, **OD** 61.50, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 41.50, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 230313



333135 Freewheel Pulley HC-CARGO

Replacing: 8362516

Thread size M16-1.50, **OD** 61.50, **Bore dia.** 17.00, **Dist./ back** 8.00, **Width** 43.40, **Depth** 14.10, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6

Alternative no.: 235719

Pulley Parts

Spacers

Pkg. 10



235330# Spacer for Pulley

Servicing: 063321000010, 63320001, 63320003, 63320004, 63320005, 63320006, 63320007, 63320008, 63320010, 63320031, 63320045

ID 17.00, **OD** 60.00, **Thickness** 2.50

Tools



210843 Combi Tool

Replacing: 210843

Servicing: Bosch Alternators

33 teeth combi tool for the disassembly and assembly of the free wheel pulley. XZN 10x110 mm, w/ 1/2" socket and 22 mm hexagon.



210873 Combi Tool

Replacing: 210873

Servicing: Magneti Marelli

For removing and installing of rubber clutch pulley. 200 mm spec. tool + 8x100 mm allen wrench w/ 1/2" socket.



210948 Combi Tool

Replacing: 210948

Servicing: Audi, VW, MB, SEAT, Skoda

33 teeth combi tool for the disassembly and assembly of the free wheel pulley, XZN 10x135 mm, w/ 1/2" socket and 22 mm hexagon.

Sundry Parts

Insulators

Pkg. 10



132323 Insulator

Replacing: 74990390

Servicing: A124N, A12M, AA124, 63303191, 63303581, 63303780, 63304800

Pkg. 10



138142 Insulator

Servicing: A127I, 63321286, 63321292, 63321805, 63321806

OD 9.45, **Length** 18.30

Pkg. 10



232057 Insulator

Servicing: A115I, 063321940010, 063377005010, 63320277, 63320289, 63320333, 63320511, 63321200, 63321205, 63321237, 63321238

ID 5.70, **OD** 8.90/14.80, **Height** 7.00

Pkg. 10



233339 Insulator

Servicing: A115I, A127I, 063321940010, 063377005010, 63321321, 63321333, 63321352, 63321461, 63321491, 63321626, 63321641

Terminals

Pkg. 5



231431 Terminal

Servicing: A115I, 63321348, 63321356, 63321692, 63321693, 63321704, 63321705, 63341704, 63341705

Thread size M8/M5, **Total length** 70.00, **Thread length** 20.20/18.50

B+, D+.

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Available while stock last, * Program development.

Pkg. 5



232465 Terminal

Servicing: A127I, 63321678, 63321679, 63321746, 63321823, 63321898, 63341678, 63341679, 63341746, 63377402, 63377404, 63377409

ID/ mount. hole M6, **Length** 8.90/55.65 *B+*.

Pkg. 5



233825 Terminal

Servicing: A115I, 63321711, 63321711B, 63321758, 63321778, 63341711, 63341758, 63341778

Total length 46.95

Pkg. 5



234331 Terminal Block

Servicing: A115IM, 63321733, 63321734, 63321740, 63321741, 63321829, 63341733

Thru Bolts

Pkg. 10



139105 Through Bolt

Replacing: 85560991

Servicing: 063341658000, 063377002010, 063377008010, 063377009010, 063377423010, 063377424010, 063377425010, 63320511, 63321200

Thread size M5, **Total length** 46.00, **Length/ rear collar** 41.50, **Thread length** 17.90

Pkg. 10



234422 Through Bolt

Servicing: 063321940010, 063377005010, 63320277, 63320309, 63320310, 63320315, 63320317, 63320333, 63321227, 63321231, 63321232

Thread size M6,
Thread size/ rear M7, **Total length** 91.50

Screws

Pkg. 100



233860# Screw

Servicing: A127I, 63320310, 63320315, 63320317, 63321227, 63321231, 63321232, 63321241, 63321243, 63321245, 63321253, 63321285

Thread M4, **Total length** 17.00,
Thread length 11.55

Nuts

Pkg. 10



235314# Nut

Servicing: A127I, 63321227, 63321231, 63321232, 63321241, 63321245, 63321253, 63321313, 63321412

Thread M5

Various

Pkg. 10



134727 Rivet

Servicing: 63305000, 63305100, 63305102, 63305130, 63305802, 63307802

OD 5.00, **OD/ collar** 10.25, **Length** 21.50, **Height/ collar** 3.65, **Collar** w/

Pkg. 5



135881 Terminal Block

Servicing: AA125R, 63321059, 63321105

ID/ mount. hole 4.00/5.40, **Length** 80.64, **Height** 30.90, **Mount.** Screw,
No./ poles 5
Terminal lock: HC-CARGO 139963.



136880# Terminal Block

Servicing: AA125R, 63321105

ID/ mount. hole 44.15, **Length** 56.20, **Height** 19.85
Terminal lock: HC-CARGO 139963.

Pkg. 10



139216 Adaptor

Servicing: A127, 63320309, 63320310, 63320315, 63320317, 63321243, 63321285, 63321346, 63321358, 63321434, 63340004, 63341243

Thread size M5/M6, **Total length** 34.60, **Thread length** 11.00



139353 Heat Shield

Servicing: A127

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#Available while stock last, * Program development.

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Pkg. 10



139963 Terminal Lock

Total length 49.35, **Thickness** 1.20, **Width** 22.55
Terminal lock: HC-CARGO 135881, 136880.

Pkg. 10



231353 Resistor

Servicing: A127, 63320289, 63320315, 63321243, 63321321, 63321353, 63341243, 63341321, 63341353, 63341358

ID/ mount. hole 5.45, **Length** 20.00, **Width** 13.95

Pkg. 5



232058 Sleeve

Servicing: A115I, 063321940010, 063377002010, 063377005010, 063377008010, 063377009010, 63320277, 63320289, 63320333, 63321200

ID 9.30, **OD** 13.00, **Height** 13.00

Pkg. 5



232062 Spacer

Servicing: A115I, 63321641, 63321671, 63321723, 63321770, 63321771, 63341240, 63341641, 63341723, 63341770

ID 9.50, **OD** 13.50, **Height** 5.00

Pkg. 10



234833 Spacer

Servicing: A115I, 063341658000, 63320309, 63321238, 63321239, 63321244, 63321257, 63321321, 63321333, 63321343, 63321344, 63321345

ID 9.30, **OD** 13.00, **Height** 8.50

Pkg. 10



234962# Terminal Cap

Servicing: A115I, 63320309, 63320315, 63321227, 63321231, 63321232, 63321241, 63321243, 63321253, 63321285, 63321324, 63321358

OD 39.52

Pkg. 10



235288 Spacer

Servicing: A127, 63321227, 63321231, 63321241, 63321245, 63321253, 63321313, 63321412

ID 9.55, **OD** 13.14, **Height** 26.25

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Available while stock last, * Program development.

Rotors

14 Volt



136091 Rotor

Replacing: 443930135141, 443930135140, 0135141

Servicing: 115901010, 443113515241, 443113515765, 443113516241, 443113516610, 443113516611, 443113516614, 443113516630

14 **V**, 55/65/70 **Amp**, **Thread size** M14-1.50, **OD** 88.00, **Shaft dia.** 17.00, **Total length** 145.00, **Rotation** CR



137354 Rotor

Replacing: 443930133211, 0133211

Servicing: 443113516650, 443113516653, 9515652, 9515672, 9516400, 9516411, 9516414, 9516650, 9516653, 9516654, 9516655, 9516670

12 **V**, 55 **Amp**, **Thread size** M16-1.50, **OD** 88.00, **Shaft dia.** 20.00, **Total length** 151.00



231722 Rotor

Replacing: 443930136051, 0136051

Servicing: 443113516590, 443113516591, 443113516592, 443113516593, 9515110, 9515112, 9515114, 9515115, 9515131, 9516590, 9516591

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 93.00, **Shaft dia.** 17.00, **Total length** 161.00, **Rotation** CR



234442# Rotor

Replacing: 0138271

Servicing: 9517003, 9517062, 9517074, 9517102, 9517103, 9517161, 9517162, 9517163, 9517164, 9517166, 9517168, 9517169, 9517241

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 93.00, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



234443# Rotor

Replacing: 0137581

Servicing: 9517033, 9517082, 9517083, 9517092, 9517094, 9517181, 9517182, 9517183, 9517184, 9517185, 9517186, 9517187, 9517188

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 93.00, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR



234586 Rotor

Replacing: 0138211

Servicing: 9515170, 9515241, 9515461, 9515471, 9515501, 9515511, 9515521, 9515530, 9515765

14 **V**, 55/65/70 **Amp**, **Thread size** M16-1.50, **OD** 88.00, **Shaft dia.** 17.00, **Total length** 156.00



234587 Rotor

Replacing: 0138721

Servicing: 9515120, 9515122, 9515124, 9515125

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 93.00, **Shaft dia.** 17.00, **Total length** 165.00

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28 Volt



137355 Rotor

Replacing: 443930134761, 0134761

Servicing: 443113516830, 443113516831, 443113516832, 443113516833, 443113516836, 443113516840, 443113516842, 443113516846

28 **V**, 35 **Amp**, **Thread size** M16-1.50, **OD** 88.00, **Shaft dia.** 20.00, **Total length** 150.00

Stators

14 Volt



133415 Stator

Replacing: 443930134351, 0133791

Servicing: 115901010, 443113516630, 443113516631, 443113516632, 443113516634, 443113516636, 443113516650, 443113516751

14 **V**, 55 **Amp**, **ID** 88.00, **OD** 128.00, **OD 2** 124.00, **Height** 20.00, **Terminals** 3



230084 Stator

Replacing: 443930135001, 0135001, 0135000

Servicing: 44311351643, 443113516660, 443113516661, 443113516662, 443113516668, 443113516670, 443113516673, 443113516730

14 **V**, 70 **Amp**, **ID** 88.00, **OD** 128.00, **OD 2** 124.00, **Height** 20.00, **Terminals** 3

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231862 Stator

Replacing: 443930136101

Servicing: 443113516591, 9516591

14 **V**, 90 **Amp**, **ID** 92.00, **OD** 125.00, **OD 2** 119.00, **Height** 31.00, **Terminals** 6



234928# Stator

Replacing: 0137341

Servicing: 9517003, 9517062, 9517074, 9517102, 9517103, 9517161, 9517162, 9517163, 9517164, 9517166, 9517168, 9517169, 9517241

14 **V**, 70 **Amp**, **ID** 92.00, **OD** 125.00, **Height** 31.00, **Terminals** 6



234929# Stator

Replacing: 0137501

Servicing: 9517033, 9517082, 9517083, 9517092, 9517094, 9517181, 9517182, 9517183, 9517184, 9517185, 9517186, 9517187, 9517188

14 **V**, 90 **Amp**, **ID** 93.67, **OD** 125.00, **OD 2** 121.00, **Height** 32.00, **Terminals** 6

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28 Volt



137356# Stator

Replacing: 443930133831, 0133831

Servicing: 443113516830, 443113516831, 443113516832, 443113516833, 443113516836, 443113516840, 443113516842, 443113516846

28 **V**, 35 **Amp**, **ID** 88.00, **OD** 128.00, **OD 2** 124.00, **Height** 20.00, **Terminals** 3

Brackets

D.E. Brackets



136093 D.E. Bracket

Replacing: 443930135211, 443930135210, 443930133011, 443930133010, 0135211, 0135210

Servicing: 115901010, 443113516630, 443113516631, 443113516632, 443113516634, 443113516636, 443113516660, 443113516661

Bearing: HC-CARGO 142270.



231724 D.E. Bracket

Replacing: 443930135891, 0135891, 0135890

Servicing: 443113516590, 443113516591, 443113516592, 443113516593, 9516590, 9516591, 9516592, 9516593

Bearing: HC-CARGO 142270.



234600# D.E. Bracket

Replacing: 0137110

Servicing: 9517241

Bearing: HC-CARGO 142270.



234601 D.E. Bracket

Replacing: 0137890

Servicing: 9515110, 9515112, 9515114, 9515115, 9515120, 9515122, 9515124, 9515125

w/ bearing.

S.R.E. Brackets



136083 S.R.E. Bracket w/ Rectifier

Replacing: 443930135231, 443930135221, 443930133750, 443930133720, 0141321, 0135231, 0133721

Servicing: 115901010, 443113516630, 443113516631, 443113516632, 443113516634, 443113516636, 443113516650, 443113516653

ID/ bearing hole 26.70



231725 Rectifier w/ S.R.E. Bracket

Replacing: 443930135971, 0141301, 0141300, 0135971

Servicing: 443113516590, 443113516591, 443113516592, 443113516593, 9516590, 9516591

ID/ bearing hole 35.00



234696 S.R.E. Bracket

Replacing: 0137121

Servicing: 9517241

ID/ bearing hole 34.77

Covers



234597# S.R.E. Cover

Replacing: 321060881

Servicing: 9517003, 9517033, 9517102, 9517103, 9517108, 9517212, 9517213, 9517218, 9517219, 9517241, 9517264, 9517403, 9517413

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Regulators

14 Volt



131285 Regulator

Replacing: 443116419071, 443116419070

14.5 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic

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133417 Regulator

Replacing: 443930136131, 443930136111, 443930136110, 443930135641, 443930134541, 443930134540, 443930134291

Servicing: 443113515241, 443113515765, 443113516241, 443113516591, 443113516630, 443113516631, 443113516632, 443113516650

14.5 **V setting**, **Dist. mount. holes** 54.80, **Regulator type** Electronic

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233731 Regulator

Replacing: 0143701, 0136561

Servicing: 9516650, 9516653, 9516654, 9516655, 9516670, 9516673, 9516983

Dist. mount. holes 55.70



233741 Regulator

Replacing: 0143691, 0138021

Servicing: 9516614, 9516710, 9516711, 9516714

Dist. mount. holes 57.70



234480 Regulator

Replacing: 0138841

Servicing: 9515120, 9515122, 9515124, 9515125

Dist. mount. holes 57.25



234591# Regulator

Replacing: 0137770

Servicing: 9517062, 9517074, 9517082, 9517083, 9517092, 9517094, 9517161, 9517162, 9517163, 9517164, 9517166, 9517168, 9517169

Dist. mount. holes 53.30



234912 Regulator

Replacing: 0143431, 0136111

Servicing: 9515110, 9515112, 9515114, 9515115, 9515131, 9515241, 9516241, 9516380, 9516381, 9516590, 9516591

Dist. mount. holes 56.00

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28 Volt



137357 Regulator

Replacing: 443930134731, 0143491, 0134731

Servicing: 443113516830, 443113516831, 443113516832, 443113516833, 443113516836, 443113516850, 443113516851, 443113516852

Dist. mount. holes 55.00

Regulator Parts

Various

Pkg. 10



235316 Plate

Servicing: 443113516591, 9516591

Mount hole 7.00,
Mount. hole 2 7.00, **Total length** 69.47

Brush Boxes



234448 Brush Box

Replacing: 0126970

Servicing: 9517241, 9517413

14 **V**

Brush Box Parts

Brush Sets



142330 5★ Brush Set

Manufacturer: Bosch

Replacing: 0131747

Servicing: 443113516591, 443113516751, 9516591

14/28 **V**, **Length** 19.50,
Lead length 53.00, **Height** 8.00,
Thickness 5.00
Alternative no.: BX2042

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

NEW PRODUCT
www.hc-cargo.com

142342* Brush Set

Replacing: 0131747

Servicing: 443113516591, 443113516751, 9516591

12/24 **V**, **Length** 19.50, **Height** 8.00, **Thickness** 5.00



BX2042 Brush Set

Replacing: 0131747

Servicing: 443113516620, 443113516631, 443113516632

14/28 **V**, **Length** 19.50, **Lead length** 53.00, **Height** 8.00, **Thickness** 5.00

Alternative no.: 142330 5★, B204



PLX102 Brush Set

Replacing: PLX102

Length 15.00, **Lead length** 51.00, **Height** 6.00, **Thickness** 6.00

Brushes

Pkg. 10



PL5 Brush

Replacing: ID1924

Length 21.40, **Lead length** 48.00, **Height** 7.90, **Thickness** 7.90

Rectifiers



133418 Rectifier

Replacing: 443930133701, 443930133700, 443930131250, 0141551, 0133700

Servicing: 114901010, 115901010, 443113516120, 443113516121, 443113516180, 443113516181, 443113516184, 443113516630, 443113516631

B+/ threaded M6/18.90, **ID** 46.40, **OD** 115.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



134977 Rectifier

Replacing: 443930135240, 0140831, 0140830, 0135241, 0135240

Servicing: 443113515241, 443113516241, 443113516620, 443113516650, 443113516653, 443113516660, 443113516661, 443113516662

B+/ threaded M6/18.65, **OD** 114.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



230085# Rectifier

Replacing: 443930134990, 0140921, 0134991, 0134990

Servicing: 443113516721, 443113516730, 443113516731, 443113516733, 443113516734, 443113516738, 443113516740, 443113516741

B+/ threaded M6/14.00, **D+ threaded** M5/18.00, **OD** 115.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6



231721 Rectifier

Replacing: 443930135940, 0140881, 0140880, 0135941, 0135940

Servicing: 443113516590, 443113516591, 443113516592, 443113516593, 9516590, 9516591

14 **V**, 50 **Amp/ diode**, **W thread** 6.30-15.10, **B+/ threaded** M6/14.35, **ID** 44.00, **OD** 115.00, **B+ type** Screw, **W type** Spade, **No./ diodes** 8



234444 Rectifier

Replacing: 0140871, 0140870, 0136261, 0136260

Servicing: 9515410, 9515411, 9515414, 9515415, 9516411, 9516414

B+/ threaded M6/14.00, **OD** 115.00, **B+ type** Screw, **No./ diodes** 6



234596 Rectifier

Replacing: 0138801

Servicing: 9515120, 9515122, 9515124, 9515125

B+/ threaded M8/20.00, **ID** 40.20, **OD** 114.00, **B+ type** Screw, **No./ diodes** 8

14 Volt



231725 Rectifier w/ S.R.E. Bracket

Replacing: 443930135971, 0141301, 0141300, 0135971

Servicing: 443113516590, 443113516591, 443113516592, 443113516593, 9516590, 9516591

ID/ bearing hole 35.00

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

Fans & Pulleys

Fans



133875 Fan

Replacing: 5233451, 5233450, 5224440, 443935226780, 443930233450

Servicing: 114901010, 115901010, 443113516120, 443113516121, 443113516180, 443113516181, 443113516184, 443113516591, 443113516630

OD 135.00, **Bore dia.** 17.00, **Height** 13.60, **Fans** 13, **Pulley** w/o
Alternative no.: B133875

Pkg. 50



B133875 Fan

Replacing: 443935224440

OD 135.00, **Bore dia.** 17.00, **Height** 13.60, **Fans** 13
Alternative no.: 133875

Pulleys



136092 Pulley

Replacing: 6954971, 443936954971, 443936954970

Servicing: 443113516660, 443113516661, 443113516662, 443113516751, 9516661, 9516742

OD 50.00, **Bore dia.** 17.00, **Width** 22.55, **Depth** 13.10, **Pulley type** SP, **Grooves** 4



231723 Pulley

Replacing: 6955171, 6955170, 443936955170

Servicing: 443113516591, 9516591

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 30.00, **Depth** 14.00, **Pulley type** SP, **Grooves** 6



234697# Pulley

Replacing: 6955921

Servicing: 9517241

OD 52.20, **Bore dia.** 17.00, **Width** 27.10, **Depth** 17.20, **Pulley type** SP, **Grooves** 5

Freewheel Pulleys



230293 Freewheel Pulley

Replacing: 0138601, 0138600

Servicing: 9517403, 9517413, 9517463, 9517483

Thread size M16-1.50, **OD** 55.90, **Bore dia.** 17.00, **Dist./ back** 0.35, **Width** 40.80, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 332317



230309 Freewheel Pulley

Replacing: 0138620

Thread size M16-1.50, **OD** 55.50, **Bore dia.** 17.00, **Dist./ back** 1.00/4.5, **Width** 37.25/40.75, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 5
Pulley tool: HC-CARGO 210843.
Alternative no.: 333026, B333026



332317 Freewheel Pulley HC-CARGO

Replacing: 0138601, 0138600

Servicing: 9517413

Thread size M16-1.50, **OD** 55.90, **Bore dia.** 17.00, **Dist./ back** 0.85, **Width** 42.80, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 230293

Pulley Parts

Spacers

Pkg. 10



234951 Spacer for Pulley

Servicing: 443113516591, 443113516660, 443113516661, 443113516662, 443113516668, 443113516751, 9516591, 9516661

ID 17.00, **OD** 27.00, **Height** 7.00

Tools



210843 Combi Tool

Replacing: 210843

Servicing: Bosch Alternators

33 teeth combi tool for the disassembly and assembly of the free wheel pulley. XZN 10x110 mm, w/ 1/2" socket and 22 mm hexagon.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



210948 Combi Tool

Replacing: 210948

Servicing: Audi, VW, MB, SEAT, Skoda

33 teeth combi tool for the disassembly and assembly of the free wheel pulley, XZN 10x135 mm, w/ 1/2" socket and 22 mm hexagon.

Sundry Parts

Insulators

Pkg. 10



234728 Insulator

Servicing: 443113516591, 9516591

ID 5.40, **OD** 13.30, **Length** 17.20

Pkg. 5



235018 Insulator

Servicing: 443113516591, 443113516660, 443113516661, 443113516662, 443113516668, 443113516751, 9516591, 9516661

ID 6.10, **OD** 21.00, **Thickness** 6.00

Various

Pkg. 10



235296[#] Bundle Clip

Servicing: 443113516660, 443113516661, 443113516662, 9516661

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[#]Available while stock last, ***** Program development.

Rotors

14 Volt



132477[#] Rotor

Replacing: a880t25170

Servicing: A003T03291, A003T03291A, A003T03291B, A003T03292, A003T03292A, A003T03292B, A003T03298, A003T32872, A003T32877

14 **V**, 65 **Amp**, **Thread size** M15-1.50, **OD** 99.40, **Shaft dia.** 15.00, **Total length** 144.00, **Rotation** CR
Shaft: HC-CARGO 137773.



135849 Rotor

Replacing: md611698, md611544, md611436, md611435, md611418, md611228, a880x40570, a880x34070, a880t76870

Servicing: A001T41991, A002T00991, A002T02271, A002T02471, A002T02572, A002T02577, A002T02671, A002T02771, A002T02871, A002T02977

14 **V**, 75 **Amp**, **Thread size** M15-1.50, **OD** 99.40, **Shaft dia.** 15.00, **Total length** 141.00, **Rotation** CR
Shaft: HC-CARGO 137570.



136610 Rotor

Replacing: a880t54370, a880t50470

Servicing: A003T03099, A003T04999, A003T06099, A3T03099, A3T04999, A3T06099, MD135825, MD147246

14 **V**, 70 **Amp**, **Thread size** M17-1.50, **OD** 105.00, **Shaft dia.** 17.00, **Total length** 205.00, **Rotation** CR, **Splines** 8



136611[#] Rotor

Replacing: md618303, md611560, a880t57470, a880t54470, a880t53970, a880t42370

Servicing: A003T00692, A003T00792, A003T00896MA, A003T02193, A003T03392, A003T03393, A003T03393ZC, A003T03471, A003T03492

14 **V**, 75/90 **Amp**, **Thread size** M15-1.50, **OD** 105.00, **Shaft dia.** 15.00, **Total length** 141.00, **Rotation** CR
Shaft: HC-CARGO 137570.



137415[#] Rotor

Replacing: a880t18970, a880t18969

Servicing: A003T02972, A003T21277, A003T21278, A003T32272, A003T32872, A003T33272, A003T33977, A003T34077, A003T35091, A003T40472

14 **V**, 70 **Amp**, **Thread size** M14-1.50, **OD** 99.40, **Shaft dia.** 15.00, **Total length** 148.00



137417 Rotor

Replacing: md611485, a880t40970

Servicing: A002T01483, A002T01583, A002T01683, A002T01783, A002T01976, A002T10083, A002T14376, A002T14876, A002T18476, A002T28976

14 **V**, 65 **Amp**, **Thread size** M17-1.25, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 198.00, **Splines** 8
Shaft: HC-CARGO 230491.



137562 Rotor

Replacing: md611704, md611596, a880t42670

Servicing: A003T00599, A003T05499, A3T00599, A3T05499, MD111932, MD141119

14 **V**, 75 **Amp**, **Thread size** M17-1.50, **OD** 105.00, **Shaft dia.** 17.00, **Total length** 200.00, **Rotation** CR, **Splines** 8



137563 Rotor

Replacing: md618738, a880x68070

Servicing: A003T11278, A003T11278A, A003T11678, A003T11678A, A003T15099, A003TN0199, A003TN0299, A003TN0399, A003TN0499

14 **V**, 75/95 **Amp**, **Thread size** M17-1.50, **OD** 105.00, **Shaft dia.** 17.00, **Total length** 188.00, **Rotation** CR, **Splines** 8



137565[#] Rotor

Replacing: md611474, a880t62270

Servicing: A003T08183, A3T08183, MD160671

14 **V**, 75 **Amp**, **Thread size** M17-1.50, **OD** 105.00, **Shaft dia.** 17.00, **Total length** 198.00, **Rotation** CR, **Splines** 8

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[#]Available while stock last, * Program development.

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137850# Rotor

Replacing: md611738, a880t46970

Servicing: A004T03191, A004T30593, A4T03191, A4T30593, MD120365, MD197470

14 **V**, 110 **Amp**, **Thread size** M17-1.50, **OD** 112.30, **Shaft dia.** 17.00, **Total length** 140.80, **Rotation** CR



137851 Rotor

Replacing: me701579, a880x76270, a880x73570, a880x70470, a880t70470, a880t67670, a880t64070, a880t59770

Servicing: A003T07592, A003T08491, A003T08491A, A003T08491C, A003T08491ZC, A003T11191, A003T11991, A003T12291, A003T12491

14 **V**, 90 **Amp**, **Thread size** M17-1.50, **OD** 105.00, **Shaft dia.** 17.00, **Total length** 141.00, **Rotation** CR
Shaft: HC-CARGO 137768.



138196# Rotor

Replacing: a880t53670

Servicing: A001T02674, A001T02674D, A001T03274, A001T03292, A001T03391, A001T03392, A001T03791, A001T03792, A001T05792, A1T02674

14 **V**, 55 **Amp**, **Thread size** M15-1.50, **OD** 90.00, **Shaft dia.** 15.00, **Total length** 141.00, **Rotation** CR
Shaft: HC-CARGO 137570.



138398# Rotor

Replacing: a880t23370

Servicing: A002T40484, A002T41477, A002T43183, A002T43583, a2t40484, A2T41477, A2T43183, A2T43583, MD013742, MD061430, MD085874

14 **V**, 55 **Amp**, **Thread size** M15-1.50, **OD** 94.40, **Shaft dia.** 15.00, **Total length** 188.00, **Rotation** CR, **Splines** 8



138400# Rotor

Replacing: a880t37970

Servicing: A002T27477, A002T27477A, A002T32077, A002T32277, A2T27477, A2T27477A, A2T32077, A2T32277

14 **V**, 50 **Amp**, **Thread size** M15-1.50, **OD** 94.40, **Shaft dia.** 15.00, **Total length** 190.00, **Rotation** CR, **Splines** 8



138401 Rotor

Replacing: md611487, a880t40770

Servicing: A002T01384, A002T02084, A002T06384, A002T09884, A2T01384, A2T02084, A2T06384, A2T09884, MD103372, MD106332, MD112318

14 **V**, 50 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 198.00, **Rotation** CR, **Splines** 8
Shaft: HC-CARGO 230491.



138403 Rotor

Replacing: a880x77870, a880x76470, a880x68970, a880t76470, a880t70270, a880t68270, a880t63670, a880t61870

Servicing: A002T13391D, A002T13391E, A002T13894, A002T13977X, A002T14591, A002T14592, A002T27594, A002T27594A, A002T28792

14 **V**, 75 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 141.00
Shaft: HC-CARGO 137768.



138602 Rotor

Replacing: md618888, a880x71470, A880T71470, a880t61970

Servicing: A002T05772X, A005T02677X, A005T02677Y, A005T02677Z, A005T03477X, A005T03477Y, A005T03777, A005T05091, A005T07591

14 **V**, 75 **Amp**, **Thread size** M17-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 141.00, **Rotation** CR
Shaft: HC-CARGO 137768.



138622 Rotor

Replacing: md618730, a880x67970

Servicing: A002T37976, A002T38676, A002T81499, A002T82378, A002T82899, A002T82899A, A002T82899AT, A002T82899ZT, A002TN0076

14 **V**, 65/75 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 188.00, **Splines** 8
Slip ring: HC-CARGO 231368.

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#Available while stock last, * Program development.



230045 Rotor

Replacing: a880x74570, a880x47670, a880t63570, a880t59870, a880t48170, a880t47670, a880t47668

Servicing: A002T02394, A002T02394B, A002T04474, A002T04577, A002T04598, A002T04599, A002T04677, A002T05892, A002T05892A

14 **V**, 80 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 143.00



230137 Rotor

Replacing: a880t19883, a880t12170

Servicing: A001T03476, A001T20572, A001T20574, A001T21374, A001T21377, A001T22074, A001T23377, A001T24771, A001T25077, A001T25083

14 **V**, 40 **Amp**, **Thread size** M15-1.50, **OD** 83.20, **Shaft dia.** 15.00, **Total length** 137.00, **Rotation** CR



230140# Rotor

Replacing: md607565, a880t23670, a880t22870, a880t22868, a880t21470

Servicing: A002T12671, A002T16371, A002T16871, A002T23277, A002T23477, A003T30271, A005T00272, A005T10271, A005T15171, A005T15471

14 **V**, 50 **Amp**, **Thread size** M15-1.50, **OD** 89.40, **Shaft dia.** 15.00, **Total length** 144.00, **Rotation** CR



230163# Rotor

Replacing: md607300, a880t14470, a880t14469, a880t14370

Servicing: A002T12671, A002T14972, A002T16371, A002T16871, A002T21982, A002T23474, A002T23477, A002T24371, A002T24771, A002T24971

14 **V**, 55 **Amp**, **Thread size** M15-1.50, **OD** 94.40, **Shaft dia.** 15.00, **Total length** 150.00, **Rotation** CR



230651 Rotor

Replacing: a880t47194, a880t47170

Servicing: A007T00171, A007T00191, A007T00591, A007T00598, A007T00774, A007T01171, A007T01174, A007T01374, A007T01991, A7T00171

14 **V**, 50 **Amp**, **Thread size** M15-1.50, **OD** 83.20, **Shaft dia.** 15.00, **Total length** 141.00, **Rotation** CR



230652 Rotor

Replacing: a880t65470, a880t65370

Servicing: A007T00598, A007T01491, A007T01771, A007T01771A, A007T02071, A007T02071A, A007T02077, A007T02077A, A007T02491

14 **V**, 50 **Amp**, **Thread size** M17-1.50, **OD** 83.20, **Shaft dia.** 17.00, **Total length** 141.00, **Rotation** CR



230656# Rotor

Replacing: md618527, a880t62070

Servicing: A003T07483, A3T07483, MD162964

14 **V**, 90 **Amp**, **Thread size** M17-1.50, **OD** 105.00, **Shaft dia.** 17.00, **Total length** 198.00, **Rotation** CR, **Splines** 8



230657# Rotor

Replacing: a880x59170, a880x54770, a880t59170, a880t54770, a880t54670

Servicing: A005T00877, A005T00972, A005T01271, A005T01599, A005T01777, A005T01977, A005T02777, A5T00877, a5t00972, a5t01271

14 **V**, 65 **Amp**, **Thread size** M15-1.50, **OD** 94.40, **Shaft dia.** 15.00, **Total length** 145.00, **Rotation** CR



230658# Rotor

Replacing: a880t62470, a880t61370

Servicing: A005T03391, A005T03677, A005T03677A, A005T07091, A005T07091A, A005T07091ZC, A005TA0791AC, A005TA0791ZC, A5T03391

14 **V**, 60 **Amp**, **Thread size** M17-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 144.00, **Rotation** CR



231002# Rotor

Replacing: a880x48070, a880t38770

Servicing: A002T05772, A002T07371, A002T13471, A002T13571, A002T43671, A002T45091, A002T46871, A002T46871A, A002T47371

14 **V**, 60 **Amp**, **Thread size** M15-1.50, **OD** 99.40, **Shaft dia.** 15.00, **Total length** 145.00, **Rotation** CR

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231076[#] Rotor

Replacing: a880t66870

Servicing: A002T36478, A002TN0678, A2T36478, A2TN0678, A2TN0684

14 **V**, 75 **Amp**, **Thread size** M15-1.50, **OD** 99.40, **Shaft dia.** 17.00/15.00, **Total length** 180.00, **Rotation** CR



231131[#] Rotor

Replacing: a880t48770

Servicing: A001T02091, A001T02191, A001T02291, A001T02292ZC, A001T04691, A001T04791, A001T04892, A001T04892ZC, A001T04991

14 **V**, 60 **Amp**, **Thread size** M15-1.50, **OD** 89.40, **Shaft dia.** 15.00, **Total length** 141.00, **Rotation** ACR



231568 Rotor

Servicing: A002TA2091, A002TA2091D, A002TA2091E, A002TA2091F, A002TA2094, A002TA2094B, A002TA2094C, A002TA2094D, A002TA3791

14 **V**, 90 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 143.00, **Rotation** CR



233761 Rotor

Servicing: A003TA5591, A003TA5591A, A003TA6491, A003TA7791, A003TA7791K1, A003TB0891, A003TB0891A, A003TB0891B, A003TB0891C

14 **V**, 120 **Amp**, **Thread size** M17-1.50, **OD** 105.00, **Shaft dia.** 17.00, **Total length** 149.00, **Rotation** CR



234074 Rotor

Replacing: a880t24570

Servicing: A005T15684, A005T15784, A005T15884, A005T16084, A005T16384, A005T20484, A005T21684, A005T21984, A005T21984B, A005T23784

14 **V**, 45 **Amp**, **Thread size** 5/8" UNF, **OD** 89.40, **Shaft dia.** 15.00, **Total length** 187.00, **Rotation** CR, **Splines** 8



234132[#] Rotor

Replacing: a880x68770

Servicing: A004T00891C, A004T00891D, A004T00891E, A004T01591, A004T02891, A004T02891A, A004T02891B, A004T02892, A004T02892A

14 **V**, 95 **Amp**, **Thread size** M17-1.50, **OD** 112.30, **Shaft dia.** 17.00, **Total length** 141.00, **Rotation** CR



234621 Rotor

Servicing: A005TA2591, A005TA4391, A005TA6391A, A005TA6391B, A005TA6391C, A005TA6392C, A005TA6591, A005TG0192A, A005TG0192B

14 **V**, 70 **Amp**, **Thread size** M17-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 144.00, **Rotation** CR

Nut: HC-CARGO 191754.



234622 Rotor

Servicing: A002TB6481, A002TC0981, A002TC0982, a2tb6481, A2TC0981, A2TC0982

14 **V**, 110 **Amp**, **Thread size** M16-1.50, **OD** 99.55, **Shaft dia.** 17.00, **Total length** 141.30, **Rotation** CR



234635[#] Rotor

Replacing: a880t64270

Servicing: A005T04392, A005T04392A, A005T04392B, A005T04492A, A005T04492B, A005T05473, A005T05473A, A005T05473B, A005T06891

14 **V**, 70 **Amp**, **Thread size** M17-1.50, **OD** 94.40, **Shaft dia.** 17.00, **Total length** 142.00, **Rotation** CR



235389 Rotor

Replacing: a880x81670

Servicing: A002TN1798, A002TN1798ZT, A2TN1798, a2tn1798zt, MD340419

14 **V**, 80 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 188.00, **Rotation** CR



235455 Rotor

Replacing: a880x89770

Servicing: A002TN1798A, A002TN1798AT, A2TN1798A, a2tn1798at, MD366052

14 **V**, 75 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 193.00

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[#]Available while stock last, * Program development.

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332499 Rotor

Replacing: a880xa0770

Servicing: A003TG0491, A003TG0591, A3TG0491, A3TG0591, A3TG4291

14 **V**, 110 **Amp**, **Thread size** M17-1.50, **OD** 105.50, **Shaft dia.** 17.00, **Total length** 142.80

28 Volt



234094 Rotor

Replacing: a880t15470

Servicing: A001T70783, A1T70783, A1T70883, A1T71474, AH4020Z1

28 **V**, 20 **Amp**, **Thread size** M15-1.50, **OD** 83.20, **Shaft dia.** 15.00, **Total length** 136.00



237127 Rotor

Servicing: A004TR5188ZT, A004TR5191ZT, A004TR5291AT, A004TR5291ZT, A004TR5491, A4TR5188ZT, A4TR5191ZT, A4TR5291AT, A4TR5291ZT

28 **V**, 100 **Amp**, **Thread size** M17-1.50, **OD** 112.00, **Shaft dia.** 17.00, **Total length** 148.50, **Rotation** CR

NEW PRODUCT
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333379* Rotor

Replacing: a880xa2970

Servicing: A002TG0391, a2tg0391

14 **V**

Rotor Parts

Shafts



137768 Rotor Shaft

Servicing: a880t59770, a880t61870, a880t64070

Thread size M17-1.50, **OD/ shaft** 17.00, **Total length** 141.00, **No./ splines** 45



230491# Rotor Shaft

Servicing: a880t40770, a880t40970

Thread size M17-1.50, **OD/ shaft** 17.00, **Total length** 198.00, **No./ splines** 8



239155 Rotor Shaft

Thread size M17-1.50, **Total length** 188.00, **No./ splines** 8

Slip Rings

Pkg. 5



133409 Slip Ring

Servicing: 1800A070, A001T01591, A001T01991, A001T02091, A001T02191, A001T02291, A001T02292ZC, A001T03274, A001T03292, A001T03391

ID 12.50, **OD** 23.00, **Total length** 28.00

Pkg. 5



135140 Slip Ring

Servicing: A001T02674, A001T02674D, A001T03274, A001T03292, A001T03391, A001T03392, A001T03791, A001T03792, A001T05792, A002T05772

ID 12.50, **OD** 23.00, **Total length** 28.00

Pkg. 5



137313 Slip Ring

Servicing: A002T01483, A002T01583, A002T01683, A002T01783, A002T10083, A002T21072, a2t01483, a2t01583, a2t01683, a2t01783

ID 17.00, **OD** 32.50, **Total length** 29.30

Pkg. 5



138413 Slip Ring

Servicing: A001T03476, A001T22581, A001T23377, A001T25077, A001T25083, A001T25097, A001T31374, A001T31377, A001T31685, A001T31699

ID 15.00/15.05, **OD** 32.50, **Total length** 30.80



230490 Slip Ring

Servicing: A002T01483, A002T01583, A002T01683, A002T01783, A002T10083, A002T14376, A002T14876, A002T17783, A002T27883, A003T00599

ID 17.00, **OD** 33.50, **Total length** 28.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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231567 Slip Ring

Servicing: A002T01384, A002T02084, A002T06384, A002T09884, A2T01384, A2T02084, A2T06384, A2T09884, a880t40770, a880t62070

ID 17.55, **OD** 33.15, **Total length** 32.60



233787 Slip Ring

Servicing: a880t33170

ID 25.60, **OD** 41.00, **Total length** 29.30

Pkg. 5



330719 Slip Ring

Replacing: MD611928

Servicing: 1800A052, 1800A053, A002TB3091, A002TB5391, A002TC0982, A002TG1391, A002TJ0391, A002TJ0391A, A002TJ0391B, A002TJ0391C

ID 13.55, **OD** 22.80, **Total length** 31.80

Spacers

Pkg. 10



234717 Spacer

Servicing: 1800A052, 1800A053, 1800A070, A-PC303-05, A001TA2291, A001TA2293, A001TA3391A, A001TA3391B, A001TA3391C, A001TA3392

ID 17.50, **OD** 26.00, **Height** 6.80

Nut Sets



132080 Nut Kit

Replacing: a981x20771, a529x09371, a529x04971

Servicing: 1800A052, A-PC303-05, A001T06391, A001T06471A, A001T06471B, A001T06491A, A001T06491B, A001TA2291, A001TA2293

Thread M17-1.50, **OD** 23.80, **Lock nut** Yes

Pkg. 5



133612 Shaft Nut Kit

Replacing: a529x02171

Servicing: A000T25171, A000T25271, A000T25371, A000T25373, A001T01791, A001T02871, A001T02991, A001T03191, A001T03191ZC

Thread M15-1.50, **OD** 21.85, **Lock nut** No

Stators

14 Volt



132478# Stator

Replacing: md607678, md607401, a883t08970, a383t21670, a383t21270, a383t17370, a383t17070, a383t16770

Servicing: A002T12271, A002T12671, A002T14472, A002T15372, A002T16071, A002T16071A, A002T16371, A002T16471, A002T16871, A002T20571

14 **V**, 50 **Amp**, **ID** 95.00, **OD** 128.00, **OD 2** 124.00, **Height** 22.00, **Terminals** 3



132480 Stator

Replacing: md611258, md611257, md607996, md607906, a838t24370, a383t36170, a383t35270, a383t29470, a383t27970

Servicing: A001T01591, A001T01691, A001T01791, A001T01991, A001T02091, A001T02191, A001T02291, A001T02292ZC, A001T02471

14 **V**, 65 **Amp**, **ID** 84.00, **OD** 115.00, **OD 2** 111.00, **Height** 22.00, **Terminals** 3



132933 Stator

Replacing: a383t49470, a383t41870, a383t40870, a383t31470, a383t31270, a383t29370, a383t28970, a383t26170

Servicing: A002T30271, A002T40571B, A002T40577B, A002T41674, A002T42177, A002T44277, A002T49177, A005T01497, A005T01897

14 **V**, 65 **Amp**, **ID** 95.00, **OD** 122.00, **OD 2** 118.00, **Height** 22.00, **Terminals** 3



132934 Stator

Replacing: md611517, md611509, md611437, md611422, md611416, a383t48770, a383t48670, a383t40570, a383t37670

Servicing: A001T41991, A002T00991, A002T01077, A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T01976, A002T02084

14 **V**, 55/70 **Amp**, **ID** 100.00, **OD** 129.00, **OD 2** 124.00, **Height** 22.00, **Terminals** 3

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#Available while stock last, * Program development.



133758 Stator

Replacing: md607383, a383t23070, a383t15770

Servicing: A003T21277, A003T21278, A003T21471, A003T33977, A003T34077, A003T35091, A003T35278, A003T35278A, A3T21277, A3T21278

14 **V**, 60 **Amp**, **ID** 100.00, **OD** 135.00, **OD 2** 132.00, **Height** 22.00, **Terminals** 3



133760# Stator

Replacing: md607515, a383t22770, a383t18770

Servicing: A003T32872, A003T32877, A003T34391, A003T34672, A003T34677, A003T35891, A003T60G2, A3T32872, A3T32877, A3T34391

14 **V**, 65 **Amp**, **ID** 100.00, **OD** 135.00, **OD 2** 132.00, **Height** 22.00, **Terminals** 3



133963 Stator

Replacing: a383t48270, a383t36670, a383t35870, a383t35370, a383t34670

Servicing: A003T00896MA, A003T01871, A003T01872, A003T01877, A003T01877A, A003T01877B, A003T02192, A003T02193, A003T02198

14 **V**, 70 **Amp**, **ID** 106.20, **OD** 136.00, **OD 2** 132.00, **Height** 22.00, **Terminals** 3



134028 Stator

Replacing: a383t51070, a383t49670, a383t44170, a383t43570, a383t40070, a383t39870, a383t39170, a383t37870

Servicing: A005T00192, A005T00877, A005T00972, A005T01094, A005T01271, A005T01577, A005T01599, A005T01777, A005T01977, A005T02677

14 **V**, 65 **Amp**, **ID** 95.00, **OD** 122.00, **OD 2** 119.00, **Height** 22.00, **Terminals** 4



134048 Stator

Replacing: md607566, a383t21170, a383t21070, a383t19570

Servicing: A002T16871, A002T23277, A002T23477, A003T30271, A005T00272, A005T10271, A005T15171, A005T15471, A005T15684, A005T15784

14 **V**, 45 **Amp**, **ID** 90.00, **OD** 121.00, **OD 2** 117.00, **Height** 22.00, **Terminals** 3



134802# Stator

Servicing: A003T03291, A003T03291A, A003T03291B, A003T03292, A003T03292A, A003T03292B, A003T03298, A003T03298A, A003T03298B

14 **V**, 80 **Amp**, **ID** 100.00, **OD** 135.00, **OD 2** 131.00, **Height** 22.00, **Terminals** 6



135165 Stator

Servicing: A002T26391, A002T26391G, A002T27091, A002T27091A, A002T27091C, A002T27091D, A002T27091E, A002T27091F, A002T27091G

14 **V**, 50 **Amp**, **ID** 95.00, **OD** 128.00, **OD 2** 124.00, **Height** 22.00, **Terminals** 3



135270 Stator

Replacing: a383x54370, a383t34770

Servicing: A002T13391D, A002T13391E, A002T13894, A002T14694, A002T27594, A002T27594A, A002T34591, A002T34591A, A002T34591B

14 **V**, 80 **Amp**, **ID** 100.00, **OD** 129.00, **OD 2** 126.00, **Height** 22.00, **Terminals** 4



135283# Stator

Replacing: a383t28870, a383t20470

Servicing: A001T03476, A001T22971, A001T25097, A001T31685, A001T32471, A001T33277, A1T03476, A1T22971, A1T25097, A1T25671

14 **V**, 40 **Amp**, **ID** 84.00, **OD** 114.00, **OD 2** 111.00, **Height** 22.00, **Terminals** 3



135922 Stator

Replacing: a383t27070, a383t26470, a383t25770, a383t24470, a383t21870, a383t21770, a383t19670, a383t16270

Servicing: A001T02871, A001T03476, A001T11574, A001T20572, A001T20573, A001T20574, A001T21374, A001T21377, A001T22074, A001T22581

14 **V**, 40 **Amp**, **ID** 84.00, **OD** 114.00, **OD 2** 111.00, **Height** 17.50, **Terminals** 4
24 V. 20 A.

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#Available while stock last, * Program development.

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135952 Stator

Replacing: ms618948, md618657, md618209, a383x47670, a383t46670, a383t46270, a383t42170, a383t38770

Servicing: A002T05892A, A002T05892B, A002T09591, A002T13977, A002T13977X, A002T14591, A002T14592, A002T17574, A002T18177

14 **V**, 80 **Amp**, **ID** 100.00, **OD** 129.00, **OD 2** 126.00, **Height** 22.00, **Terminals** 3



136333 Stator

Replacing: a383t34370

Servicing: A007T00171, A007T00191, A007T00591, A007T00598, A007T00774, A007T01991, A007T02491, A007T02491A, A007T02491B

14 **V**, 55 **Amp**, **ID** 84.00, **OD** 108.00, **OD 2** 105.00, **Height** 20.20, **Terminals** 4



136612 Stator

Replacing: a383x46770, a383t46770, a383t38970, a383t33070

Servicing: A003T00599, A003T03778, A003T04999, A003T05499, A003T06099, A003T08183, A003T08699, A003T09698, A003T09699, A003T11278

14 **V**, 75 **Amp**, **ID** 106.20, **OD** 136.00, **OD 2** 132.00, **Height** 22.00, **Terminals** 4



137437 Stator

Replacing: a383t46570, a383t41770

Servicing: A002T05772X, A005T01094, A005T02477, A005T02477X, A005T02577, A005T02577X, A005T05272, A005T20374, A005T31277

14 **V**, 50 **Amp**, **ID** 95.00, **OD** 122.00, **OD 2** 119.00, **Height** 22.00, **Terminals** 3



137716 Stator

Replacing: a383t34270

Servicing: A003TA0593, A004T01493, A004T02893, A004T02893A, A004T02893B, A004T03191, A004T03293, A004T03293A, A004T30593, A3TA0593

14 **V**, 110 **Amp**, **ID** 113.00, **OD** 143.00, **OD 2** 140.00, **Height** 22.00, **Terminals** 4



138603 Stator

Replacing: md618929, MD618905, a383x52470, a383x51270, a383x50270, A373X52570

Servicing: A005T05091, A005T07591, A005T07592, A005T07592A, A005TA4791, A005TA5591, A005TA6191, A005TA6191ZC, A005TA6191ZE

14 **V**, 75 **Amp**, **ID** 95.00, **OD** 122.00, **OD 2** 118.00, **Height** 20.00, **Terminals** 4



138623 Stator

Replacing: md618732, md618574, a383x46670, a383x43370, a383t43370, a383t40170

Servicing: A002T34892, A002T35091, A002T35092, A002T35277, A002T37976, A002T81499, A002T82899, A002T82899A, A002T82899AT

14 **V**, 50/65 **Amp**, **ID** 100.00, **OD** 130.00, **OD 2** 126.00, **Height** 20.00, **Terminals** 3



139186 Stator

Replacing: md618743, md618478, md618304, a383x46870, a383t46870, a383t43770, a383t38470, a383t36970

Servicing: A003T05192, A003T07399, A003T07483, A003T07592, A003T08293, A003T08376, A003T08491, A003T08491A, A003T08491C

14 **V**, 90 **Amp**, **ID** 106.00, **OD** 136.00, **OD 2** 133.00, **Height** 22.00, **Terminals** 4



139187 Stator

Replacing: md618718, a383t46070

Servicing: A002T38291, A002T39991, A002T39992, A002T39992A, A002T80591, A002T80591A, A002T80591ZC, A002T81192, A002T3791

14 **V**, 90 **Amp**, **ID** 100.00, **OD** 130.00, **OD 2** 126.00, **Height** 22.00, **Terminals** 4



139188 Stator

Replacing: a383x53670, a383t46170

Servicing: A003T11191, A003TA0491, A003TA0591, A003TA0591C, A003TA0591D, A003TA0591E, A003TA0591F, A003TA0593C, A003TA0593D

14 **V**, 90 **Amp**, **ID** 106.00, **OD** 136.00, **OD 2** 133.00, **Height** 20.10, **Terminals** 3



230138 Stator

Replacing: md619038, a383t38370, a383t37270

Servicing: A001T03191, A001T03191ZC, A001T03195ZC, A001T03274, A001T03292, A001T03391, A001T03392, A001T03791, A001T03792

14 **V**, 60 **Amp**, **ID** 90.00, **OD** 115.00, **OD 2** 112.00, **Height** 22.00, **Terminals** 3

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Available while stock last, * Program development.



230653 Stator

Replacing: a383t37470

Servicing: A007T01171, A007T01174, A007T01374, A007T01771, A007T01771A, A007T02771, A007T03277, A007T03277A, A007T30471B

14 **V**, 40 **Amp**, **ID** 84.00, **OD** 108.00, **OD 2** 105.00, **Height** 22.00, **Terminals** 3



230766 Stator

Replacing: md611582, a383t47970, a383t32870, a383t31070

Servicing: A003T00692, A003T04292, A003T45594, A3T00692, A3T04292, A3T45594, MD112323

14 **V**, 90 **Amp**, **ID** 106.00, **OD** 136.00, **OD 2** 132.00, **Height** 22.00, **Terminals** 4



230951 Stator

Replacing: a383x53770

Servicing: A003TA4399, A003TN1791, A3TA4399, A3TN1791

14 **V**, 100 **Amp**, **ID** 106.00, **OD** 136.00, **OD 2** 133.00, **Height** 22.00, **Terminals** 4



231335 Stator

Servicing: A002T34598, A002T34598A, A002T34598B, A002T34598C, A002T37691, A002T37691A, A002TA0291, A002TA0291B, A002TA0291C

14 **V**, 90 **Amp**, **ID** 100.00, **OD** 129.00, **OD 2** 126.00, **Height** 22.00, **Terminals** 3



231532 Stator

Servicing: A002T32692, A002T36478, A002TA2492, A002TB2991, A002TB6291, A002TC0091, A002TN0678, a2t32692, A2T36478, a2ta2492

14 **V**, 90 **Amp**, **ID** 100.00, **OD** 126.00, **OD 2** 123.00, **Height** 22.00, **Terminals** 4



232265 Stator

Servicing: A004T00891, A004T00891C, A004T00891D, A004T00891E, A004T00991, A004T00991B, A004T00991C, A004T00991D, A004T00991E

14 **V**, 90 **Amp**, **ID** 113.00, **OD** 143.00, **OD 2** 140.00, **Height** 22.00, **Terminals** 3



232786 Stator

Servicing: A004T03491, A004T03491A, A004T03491B, A004TA0091B, A004TA0091C, A004TA0091D, A004TA0091E, A004TA0091F, A004TA0094

14 **V**, 120 **Amp**, **ID** 113.00, **OD** 143.00, **OD 2** 140.00, **Height** 22.00, **Terminals** 4



233773 Stator

Servicing: A003TA5591, A003TA5591A, A003TA6491, A003TB0891, A003TB0891A, A003TB0891B, A003TB0891C, A003TB1999, A003TB1999KD

14 **V**, 120 **Amp**, **ID** 106.00, **OD** 136.00, **OD 2** 133.00, **Height** 26.50, **Terminals** 4



234105 Stator

Replacing: a383t42570

Servicing: A002T82191, A002TA2991, A003TB2291ZC, A003TB4981, A2T33593, A2T33593A, A2T33593B, A2T33593C, A2T33593E, A2T35891

14 **V**, 90 **Amp**, **ID** 106.00, **OD** 136.00, **OD 2** 132.00, **Height** 22.00, **Terminals** 4



234548 Stator

Servicing: A002TB6481, A002TC0981, A002TC0982, a2tb6481, A2TC0981, A2TC0982

14 **V**, 110 **Amp**, **ID** 100.00, **OD** 130.00, **OD 2** 126.00, **Height** 20.00, **Terminals** 4



235241 Stator

Servicing: A005TA6391A, A005TA6391B, A005TA6391C, A005TA6392C, A005TB0091, A005TB1391, A005TB1391ZD, A005TG0192A, A005TG0192B

14 **V**, 80 **Amp**, **ID** 95.00, **OD** 123.60, **OD 2** 119.00, **Height** 20.25, **Terminals** 3



235244 Stator

Servicing: A005TA7091, A005TA7091ZC, A005TA7091ZE, a5ta7091, A5TA7091ZC, A5TA7091ZE

14 **V**, 70 **Amp**, **ID** 95.00, **OD** 123.00, **OD 2** 119.00, **Height** 27.00, **Terminals** 4



236573 Stator

Servicing: A005TA4391, A005TA6292C, A005TA6292F, A005TA6292G, A005TA6292ZE, A005TA6591, A5TA4391, A5TA6292C, A5TA6292F, A5TA6292G

14 **V**, 70 **Amp**, **ID** 95.00, **OD** 122.00, **OD 2** 119.00, **Height** 22.00, **Terminals** 3

NEW PRODUCT
www.hc-cargo.com

332500 Stator

Replacing: a383x62070

Servicing: A003TG0491, A003TG0591, A003TG1191, A003TG1192, A003TG2991A, A3TG0491, A3TG0591, A3TG1191, a3tg1192, a3tg2291, a3tg2991

14 **V**, 110 **Amp**, **ID** 106.50, **OD** 136.00, **OD 2** 132.85, **Height** 20.25, **Terminals** 3

NEW PRODUCT
www.hc-cargo.com

333389* Stator

Replacing: a383x61470

Servicing: A002TG0391, a2tg0091, a2tg0391

14 **V**, 90 **Amp**, **Terminals** 3

28 Volt



230824 Stator

Replacing: a383t25670

Servicing: A002T72185, A002T72186, A002T72189, A002T72383, A002T72483, A002T72576, A002T72883, A002T72985, A002T72986, A002T72987

28 **V**, 30 **Amp**, **ID** 95.00, **OD** 128.00, **OD 2** 124.00, **Height** 22.00, **Terminals** 3



233380 Stator

Replacing: a383t36870

Servicing: A003T76182, A003T76476, A003T76682, A003TN5288, A3T76182, A3T76276, A3T76376, A3T76476, A3T76582, A3T76682, A3TN5082

28 **V**, 40 **Amp**, **ID** 106.00, **OD** 136.00, **OD 2** 133.00, **Height** 22.00, **Terminals** 4

NEW PRODUCT
www.hc-cargo.com

237059 Stator

Servicing: A003TA8291, a3ta8291

28 **V**, 60 **Amp**, **ID** 106.00, **OD** 136.00, **Height** 32.30, **Terminals** 4



238947 Stator

Servicing: A004TA0591, A004TA0592, A004TA0594, A004TA8291, A004TA8292, A004TR5091ZT, A4TA0591, a4ta0592, a4ta0594, A4TA8291

28 **V**, 90 **Amp**, **ID** 113.00, **OD** 140.00, **Height** 26.30, **Terminals** 4

Brackets

D.E. Brackets



134332# D.E. Bracket

Replacing: md607676, a640t23170

Servicing: A002T40484, A002T41477, A002T43183, A002T43583, A2T40484, A2T41477, A2T43183, A2T43583, MD013742, MD061430, MD085874

Bearing: HC-CARGO 142276.



136177# D.E. Bracket

Replacing: md607263, a640t14970

Servicing: A002T12271, A002T12671, A002T15372, A002T16071, A002T16071A, A002T16371, A002T16871, A002T22571, A2T12271, A2T12671

Bearing: HC-CARGO 142276.



136178# D.E. Bracket

Replacing: a640t24970

Servicing: A005T21471, A005T21472, A005T30171, a5t21471, A5T21472, A5T30171

Bearing: HC-CARGO 142272.



136368# D.E. Bracket

Replacing: a640t26170, a640t22870

Servicing: A002T23494, A002T27477, A002T27477A, A002T31677, A002T31977, A002T32077, A002T40374, A002T40377, A002T41091, A002T72576

Bearing: HC-CARGO 142276.



136379# D.E. Bracket

Replacing: a640t24470, a640t18169

Servicing: A003T21277, A003T21278, A003T33977, A003T34077, A003T34391, A003T35891, A3T21277, A3T21278, A3T33977, A3T34077

Bearing: HC-CARGO 142276.

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Available while stock last, * Program development.



136393 D.E. Bracket

Replacing: a640t35270, a640t22970

Servicing: A005T00272, A005T20871, A005T20872, A005T20972, A005T21871, A005T21897, A005T32174, a5t00272, A5T20871, A5T20872

Bearing: HC-CARGO 142272.



136419 D.E. Bracket

Replacing: md611508, a640t36070

Servicing: A002T02271, A002T02572, A002T02577, A002T02977, A002T03171, A002T03177, A002T04271, A002T04277, A2T02271, A2T02572

Bearing: HC-CARGO 142276.



136444 D.E. Bracket

Replacing: a640t39270

Servicing: A002T05772, A2T05772

Bearing: HC-CARGO 140420.



136560# D.E. Bracket

Replacing: a640t43370

Servicing: A002T13894, A2T13894

Bearing: HC-CARGO 140589.



136571# D.E. Bracket

Replacing: md611227, a640t31570

Servicing: A002T00991, A002T02471, A002T03471, A002T03477, A002T03591, A002T03691, A002T05291, A002T06871, A002T09291, A002T09392

Bearing: HC-CARGO 142276.



136576 D.E. Bracket

Replacing: a640t45070, a640t42270

Servicing: A002T13977, A002T17574, A002T18177, A002T18277, A002T18874, A002T19991, A002T20191, A002T20191ZC, A2T13977, A2T17574

Bearing: HC-CARGO 140420.



137082 D.E. Bracket

Replacing: md611473, a640t35770

Servicing: A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T02084, A002T06384, A002T09884, A002T10083, A002T17783

Bearing: HC-CARGO 142270.



137083 D.E. Bracket

Replacing: md611851, a640t41070

Servicing: A002T14972, A003T03391, A003T03392, A003T03393, A003T03393ZC, A003T03471, A003T03492, A003T03493, A003T03493ZC

Bearing: HC-CARGO 140420.



137435# D.E. Bracket

Replacing: md611557, a640t36670

Servicing: A003T02192, A003T02193, A003T02198, A003T08293, A003T08376, A003T41876, A003T45794, A3T02192, A3T02193, A3T02198

Bearing: HC-CARGO 140420.



137555 D.E. Bracket

Replacing: md611595, a640t36870

Servicing: A003T00599, A003T04999, A003T05499, A003T06099, A003T07399, A003T07483, A003T08183, A3T00599, A3T04999, A3T05499

Bearing: HC-CARGO 142270.



137556 D.E. Bracket

Replacing: md618737, a640x53170

Servicing: A003T11278, A003T11278A, A003T11678, A003T11678A, A003TN0078, A003TN1578, A003TN1578A, A3T11278, A3T11278A, A3T11678

Bearing: HC-CARGO 142270.



137557# D.E. Bracket

Replacing: md618337, a640t45570

Servicing: A004T01493, A004T01893, A4T01493, A4T01793, A4T01893, MD150657, MD160540

Bearing: HC-CARGO 140783.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



137560[#] D.E. Bracket

Replacing: md611447, a640t35970

Servicing: A002T01976, A002T14376, A002T14876, A002T49377, A002T49577, A2T01976, A2T14376, A2T14876, A2T49377, A2T49577, MD099621

Bearing: HC-CARGO 142270.



137785 D.E. Bracket

Replacing: a640t40770

Servicing: A003T03099, A003TA2799, A003TA2799A, A003TA4399, A3T03099, A3TA2799, A3TA2799A, A3TA4399

Bearing: HC-CARGO 142270.



137847 D.E. Bracket

Replacing: md618750, a640t52970

Servicing: A002T38391, A002T38391ZC, A002T80591, A002T80591A, A002T80591ZC, A002T81791, A002T81791A, A002TA0891, A002TA2871

Bearing: HC-CARGO 140420.



138393 D.E. Bracket

Replacing: md618564, a640t48770

Servicing: A002T34892, A002T34992, A002T35091, A002T35092, A002T36392, A002T38291, A002T38491, A002T38891, A002T38892, A002T38892A

Bearing: HC-CARGO 140420.



138604[#] D.E. Bracket

Replacing: md618880, a640x56070, a640t56070

Servicing: A005T05091, A005T07591, A005T07592, A005T07592A, A005TA0871, A5T05091, A5T07471, A5T07471A, A5T07491, A5T07591

Bearing: HC-CARGO 142270.



138625 D.E. Bracket

Replacing: md618916, a640x57770

Servicing: A002T81499, A002T82899, A002T82899A, A002T82899AT, A002T82899ZT, A002TN0299, A002TN0399, A002TN0499, A002TN0499AT

Bearing: HC-CARGO 140420.



138627[#] D.E. Bracket

Replacing: a640t43270

Servicing: A005T00877, A005T01599, A005T01777, A005T02777, A5T00877, A5T01599, A5T01777, A5T02077, A5T02777

Bearing: HC-CARGO 140420.



138870 D.E. Bracket

Replacing: a640x57470, a640t48970

Servicing: A002T33191, A002T33191A, A002T33191ZC, A002T33891, A002T33891ZC, A002T39291, A002T39391, A002T39391A, A002T80391

Bearing: HC-CARGO 140420.



138911 D.E. Bracket

Replacing: a640t39370

Servicing: A002T05892, A002T05892ZC, A002T05893, A002T05893ZC, A2T05892, A2T05892ZC, A2T05893, A2T05893ZC

Bearing: HC-CARGO 140420.



139192[#] D.E. Bracket

Replacing: a640x55470

Servicing: A002T35791A, A002T82491, A002T82491A, A002T82491B, A002TA0491, A002TA4091, A002TA4091A, A002TA4092A, A002TA4092B

Bearing: HC-CARGO 140420.



139543 D.E. Bracket

Replacing: md607612, a640t22470

Servicing: A005T15684, A005T15784, A005T15884, A005T16084, A005T16384, A005T20484, A005T21684, A005T21984, A005T21984B, A005T23784

Bearing: HC-CARGO 142276.



139544 D.E. Bracket

Replacing: a640t47870, a640t41870

Servicing: A005T02477, A005T02477X, A005T02577, A005T02677, A005T02677X, A005T02677Y, A005T02677Z, A005T03477, A005T03477X

Bearing: HC-CARGO 140420.

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[#]Available while stock last, ***** Program development.



139817# D.E. Bracket

Replacing: md618629, a640t50270

Servicing: A004T02991, A004T03091, A004T03191, A4T02991, A4T03091, A4T03191, MD197468, MD197469, MD197470

Bearing: HC-CARGO 140754.



139950 D.E. Bracket

Replacing: md618924, a640x57870

Servicing: A003T15099, A003TN0199, A003TN0299, A003TN0399, A003TN0499, A003TN0699, A003TN0899, A003TN0899ZT, A003TN0999

Bearing: HC-CARGO 142270.



139987# D.E. Bracket

Replacing: md618729, a640x53070

Servicing: A002T37976, A002T38676, A002TN0076, A002TN0076A, A002TN2476, A002TN2476A, A2T37976, A2T38676, A2TN0076, A2TN0076A

Bearing: HC-CARGO 142270.



230002 D.E. Bracket

Replacing: a640x54570

Servicing: A007T02491, A007T02591, A007T02691, A007T03371, A007T03371A, A007T03771, A007T03771A, A007TA3371, A007TA3377, A7T02491

Bearing: HC-CARGO 142270.



230030# D.E. Bracket

Replacing: a640x55770

Servicing: A005T06891, A005T06891A, A005T06891B, A005T06891C, A005T06891D, A5T06891, A5T06891A, A5T06891B, A5T06891C, A5T06891D

Bearing: HC-CARGO 140420.



230039 D.E. Bracket

Replacing: me701341, a640x57070

Servicing: A003T08699, A003T08799, A003T09198, A003T09199, A003T09698, A003T09699, A003T09799, A003TA3098, A003TA3098A, A003TA4298

Bearing: HC-CARGO 140420.



230644# D.E. Bracket

Replacing: a640t24270

Servicing: A002T14472, A002T40277, A002T40971, A002T40972, A003T32377, A003T33377, A003T34872, A2T14472, A2T40277, A2T40971

Bearing: HC-CARGO 142276.



230748 D.E. Bracket

Replacing: a640x62370

Servicing: A002TA1099, A002TA1099A, A002TA6099, A002TA6099A, A002TA6099AT, A002TB1298, A002TB1299, A2TA1099, A2TA1099A, A2TA6099

Bearing: HC-CARGO 142270.



230767 D.E. Bracket

Replacing: a640t44670

Servicing: A002T18476, A002T18479, A002T28976, A2T18476, A2T18479, A2T28976

Bearing: HC-CARGO 142270.



230768 D.E. Bracket

Replacing: a640t51370

Servicing: A002T36478, A002T36578, A002T36578A, A002TN0678, A2T36478, A2T36578, A2T36578A, A2TN0678, A2TN0684

Bearing: HC-CARGO 142270.



230873 D.E. Bracket

Replacing: a640t34270

Servicing: A002T48292, A002T48298, A2T48292, A2T48298

Bearing: HC-CARGO 142270.



230886 D.E. Bracket

Replacing: md619064, a640x59670

Servicing: A002TA4991, A002TA5191, A002TA5291, A002TA5391, A002TA5391ZT, A002TA5394, A002TB0892, A002TB5791ZC, A002TB7391

Bearing: HC-CARGO 140420.



231221[#] D.E. Bracket

Replacing: md618688, a640t52070

Servicing: A003T11191, A003T11991, A3T11191, A3T11891, A3T11891A, A3T11991, A3T14591, A3T14891, A3TA0091, MD188242, MD194470

Bearing: HC-CARGO 142270.



231338 D.E. Bracket

Servicing: A003TN1791, a3tn1791

Bearing: HC-CARGO 142270.



231834[#] D.E. Bracket

Servicing: A002T37691, A002T37691A, a2t37691, a2t37691a

Bearing: HC-CARGO 140754.



231940[#] D.E. Bracket

Servicing: A007T00171, A007T00191, A007T00591, A007T00598, A007T01991, a7t00171, a7t00191, a7t00591, A7T00598, A7T01991

Bearing: HC-CARGO 140420.



232208[#] D.E. Bracket

Servicing: A002T14591, A002T14592, A002T28792, A002T32692, A002TA2292, A002TA2392, A002TA2492, A2T14591, a2t14592, A2T28792

Bearing: HC-CARGO 140589.



233381[#] D.E. Bracket

Replacing: a640t51170, A00640T51170

Servicing: A002T36776, A002T74684, A002T75176, A002T82378, A2T19276, A2T36684, A2T36776, A2T36876, A2T38776, A2T74684, A2T74776

Bearing: HC-CARGO 142270.



233505[#] D.E. Bracket

Servicing: A005TA4391, A005TA6591, a5ta4391, a5ta6591

Bearing: HC-CARGO 142270.



233522 D.E. Bracket

Servicing: A005TA0991, A005TA0991ZC, A005TA1091, A005TA1091ZC, A005TA4591, A005TA4591ZC, A005TA4791, A005TA5591, a5ta0991

Bearing: HC-CARGO 142270.



233612[#] D.E. Bracket

Replacing: a640t49970

Servicing: A005T04392, A005T04392A, A005T04392B, A005T04492A, A005T04492B, a5t04392, A5T04392A, A5T04392B, A5T04492A, A5T04492B

Bearing: HC-CARGO 142270.



233808[#] D.E. Bracket

Servicing: A003TA5591, A003TA5591A, a3ta5591, a3ta5591a

Bearing: HC-CARGO 142270.



234178 D.E. Bracket

Servicing: A003TA0593, A004T02891, A004T02891A, A004T02891B, A004T02892, A004T02892A, A004T02893, A004T02893A, A004T02893B

Bearing: HC-CARGO 140754.



234189[#] D.E. Bracket

Servicing: A002T82091, a2t82091

Bearing: HC-CARGO 142270.

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[#]Available while stock last, ***** Program development.



234380 D.E. Bracket

Servicing: A002TB6481, A002TC0981, A002TC0982, a2tb6481, A2TC0981, A2TC0982

Bearing: HC-CARGO 141233.



234562# D.E. Bracket

Servicing: A002TA6491, A003TA6491, A003TB0891, A003TB0891A, A003TB0891B, A003TB0891C, a2ta6491, a3ta6491, a3tb0891, A3TB0891A

Bearing: HC-CARGO 142270.



235310 D.E. Bracket

Servicing: A002TB2291A, A002TB4791, A002TB4791A, A002TB4791B, A002TB4891A, A002TB4891B, A002TB4891C, A002TB4891D, A2TB2291A

Bearing: HC-CARGO 142270. Bearing plate: HC-CARGO 234041.



235597 D.E. Bracket

Servicing: A005TA6291, A005TA6291A, A005TA6291B, A005TA6291C, A005TA6291D, A005TA6291E, A005TA6291F, A005TA6291G, A005TA6291H

Bearing: HC-CARGO 142270.

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333311* D.E. Bracket

Replacing: m641x95871

Servicing: M001T77381, M001T77381ZC, M1T77381, m1t77381zc

S.R.E. Brackets



135012 S.R.E. Bracket

Servicing: A002T26391, A002T26391G, A002T27091, A002T27091A, A002T27091C, A002T27091D, A002T27091E, A002T27091F, A002T27091G



136575 S.R.E. Bracket

Replacing: a641t91670

Servicing: A002T13894, A2T13894

ID/ bearing hole 20.50



136751 S.R.E. Bracket

Replacing: md618312, md611498, md611440, a641t90570, a641t65970, a641t65270

Servicing: A002T02271, A002T02471, A002T02572, A002T02577, A002T02977, A002T03171, A002T03177, A002T03471, A002T03477, A002T04271

ID/ bearing hole 22.00



138046 S.R.E. Bracket

Replacing: a643x08371

Servicing: A002T19991, A002T20191, A002T20191ZC, A2T19991, A2T20191, A2T20191ZC, A2T20192C

ID/ bearing hole 23.00



138394 S.R.E. Bracket

Replacing: a643x16971, a643x13971

Servicing: A002T05892A, A002T19991A, A002T33191, A002T33191A, A002T33191ZC, A002T33991, A002T33991A, A002T0191, A002T0191A

ID/ bearing hole 23.00



139266 S.R.E. Bracket

Replacing: md611008, a202b66272

Servicing: A005T15684, A005T15784, A005T15884, A005T16084, A005T16384, A005T20484, A005T21684, A005T21984, A005T21984B, A005T23784

ID/ bearing hole 32.00



139545 S.R.E. Bracket

Replacing: a643x17571, a643x13771

Servicing: A002T05772X, A005T03391, A005T03677, A005T03677A, A005T03777, A2T05772X, A5T03391, A5T03391A, A5T03677, A5T03677A

ID/ bearing hole 23.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



230212 S.R.E. Bracket

Replacing: a641t78570

Servicing: A003T02792, A003T02892, A003T03392, A003T03393, A003T03393ZC, A003T03471, A003T03492, A003T03493, A003T03493ZC

ID/ bearing hole 23.00



230215 S.R.E. Bracket

Servicing: A003T03291, A003T03291A, A003T03291B, A003T03292, A003T03292A, A003T03292B, A003T03298, A003T03298A, A003T03298B



230216 S.R.E. Bracket

Replacing: a641t65470

Servicing: A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T02084, A002T06384, A002T09884, A002T10083, A002T17783

ID/ bearing hole 35.00



230646# S.R.E. Bracket

Replacing: a643x11271

Servicing: A002T01976, A002T14376, A002T14876, A002T49577, A2T01976, A2T14376, A2T14876, A2T49577, MD099621, MD105606, MD127087

ID/ bearing hole 30.00



230675# S.R.E. Bracket

Servicing: A002T32692, A002T81891, A002TA2492, A002TA2591, a2t32692, A2T81891, a2ta2492, A2TA2591

ID/ bearing hole 23.00



230749 S.R.E. Bracket

Replacing: a643x18471

Servicing: A002TA1099, A002TA1099A, A002TA6099, A002TA6099A, A002TA6099AT, A002TB1298, A002TB1299, A2TA1099, A2TA1099A, A2TA6099

ID/ bearing hole 23.00



230750 S.R.E. Bracket

Replacing: a643x14971

Servicing: A003T08491, A003T08491A, A003T08491C, A003T08491ZC, A3T08491, A3T08491A, A3T08491C, A3T08491ZC

ID/ bearing hole 23.00



230769 S.R.E. Bracket

Replacing: a643x15771

Servicing: A002T36478, A002TN0678, A2T36478, A2TN0678, A2TN0684

ID/ bearing hole 10.50



230946 S.R.E. Bracket

Servicing: A002T14591, A002T28792, A002TA2392, a2t14591, A2T28791, A2T28792, a2ta2392

ID/ bearing hole 23.00



231337 S.R.E. Bracket

Servicing: A003TN1791, a3tn1791

ID/ bearing hole 32.00



231401# S.R.E. Bracket w/ Regulator/Rectifier

Replacing: md611777, md611775, a641t75870, a641t75770

Servicing: A002T09291, A002T09392, A002T09493, A002T22991, A2T09291, A2T09391, A2T09392, a2t09493, A2T22991, MD111148, MD111149

ID/ bearing hole 23.00



231546# S.R.E. Bracket

Servicing: A002T14592, A002TA2292, a2t14592, A2TA2292

ID/ bearing hole 23.00

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.



231547 S.R.E. Bracket

Replacing: a642x43070, a642x36270, a642x23070, a642x14470, a383x46970

Servicing: A002T38676, A002T81499, A002T82899, A002T82899A, A002T82899AT, A002T82899ZT, A002TN0399, A002TN0499, A002TN0499AT

ID/ bearing hole 35.00



231548 S.R.E. Bracket

Servicing: A003TA0593, A004T00891, A004T00891C, A004T00891D, A004T00891E, A004T00991, A004T00991B, A004T00991C, A004T00991D

ID/ bearing hole 27.00



231549 S.R.E. Bracket

Replacing: a642x23170

Servicing: A003T15099, A003TN0399, A003TN0499, A003TN0699, A3T15099, A3TN0399, A3TN0499, A3TN0699, MD306834, MD313940, MD313942

ID/ bearing hole 32.00



231889# S.R.E. Bracket w/ Regulator/Rectifier

Replacing: md611430, a641t66770, a641t65070

Servicing: A002T02671, A002T02771, A002T02871, A002T09691, A002T48791, A002T48791ZC, A2T02671, A2T02771, A2T02871, A2T07071

ID/ bearing hole 23.00

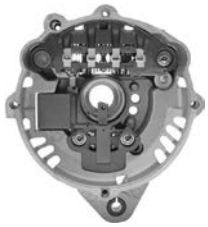


232209# S.R.E. Bracket w/ Regulator/Rectifier

Replacing: md607679, a641t38870

Servicing: A002T40484, A002T41477, A002T43183, A002T43583, A2T40484, A2T41477, A2T43183, A2T43583, MD013742, MD061430, MD085874

ID/ bearing hole 38.00



232231 S.R.E. Bracket w/ Regulator/ Rectifier

Replacing: md618775, md611598, a642x16070, a641t67870

Servicing: A003T00599, A003T03778, A003T04999, A003T05499, A003T06099, A003T07399, A003T07483, A003T08183, A3T00599, A3T03778

ID/ bearing hole 35.00



233384 S.R.E. Bracket

Replacing: a642x14370

Servicing: A003T11278, A003T11278A, A003T11678, A003T11678A, A003TN1578, A003TN1578A, A3T11278, A3T11278A, A3T11678, A3T11678A

ID/ bearing hole 30.00



233385 S.R.E. Bracket

Replacing: a642x16570, a642x14170, a642t14170

Servicing: A002T38391, A002T38391ZC, A002T80591, A002T80591A, A002T80591ZC, A002T81791, A002T81791A, A2T38391, A2T38391ZC

ID/ bearing hole 23.00



233386 S.R.E. Bracket

Replacing: a642x20370

Servicing: A003T08699, A003T09198, A003T09199, A003T09698, A003T09699, A003T09799, A003TA3098, A003TB1299, A3T08699, A3T09198

ID/ bearing hole 23.00



233521 S.R.E. Bracket

Servicing: A005TA0991, A005TA0991ZC, A005TA1091, A005TA1091ZC, A005TA4591, A005TA4591ZC, A005TA4791, A005TA5591, a5ta0991

ID/ bearing hole 23.00



233809# S.R.E. Bracket

Servicing: A003TA5591, A003TA5591A, a3ta5591, a3ta5591a

ID/ bearing hole 23.00



233810 S.R.E. Bracket

Replacing: a641t97770

Servicing: A002T34892, A002T34992, A002T35091, A002T35092, A002T36392, A002T38291, A002T38491, A002T38891, A002T38892, A002T38892A

ID/ bearing hole 23.00



234174 S.R.E. Bracket

Replacing: a641t62070

Servicing: A002T48292, A002T48298, A2T48292, A2T48298

ID/ bearing hole 23.00



234175 S.R.E. Bracket

Servicing: A007T00171, A007T00191, A007T00591, A007T00598, A007T01991, a7t00171, a7t00191, a7t00591, a7t00598, a7t01991

ID/ bearing hole 23.00



234329 S.R.E. Bracket

Servicing: A003TA0591, A003TA0591C, A003TA0591D, A003TA0591E, A003TA0591F, A003TA0593C, A003TA0593D, a3ta0591, a3ta0591c

ID/ bearing hole 23.00

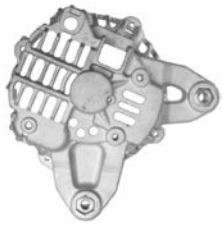


234334# S.R.E. Bracket

Replacing: a642x47970

Servicing: A007T03371, A007T03371A, A007T03771, A007T03771A, A7T03371, A7T03371A, A7T03771, A7T03771A

ID/ bearing hole 23.00



234358 S.R.E. Bracket

Servicing: A002TB6481, A002TC0981, A002TC0982, a2tb6481, a2tc0981, A2TC0982

ID/ bearing hole M8/M8



234381# S.R.E. Bracket

Replacing: a642x52170

Servicing: A003TA4399, A3TA4399

ID/ bearing hole 23.00



234565# S.R.E. Bracket

Servicing: A003TA6491, A003TB0891, A003TB0891A, A003TB0891B, A003TB0891C, a3ta6491, a3tb0891, A3TB0891A, A3TB0891B, A3TB0891C

ID/ bearing hole M10



234975 S.R.E. Bracket

Replacing: a641t78870

Servicing: A003T03099, A3T03099

ID/ bearing hole 10.00



235120 S.R.E. Bracket

Servicing: A001TA2291, A001TA2293, A1TA2291, a1ta2293



235183 S.R.E. Bracket

Servicing: A005TA7792, a5ta7792

ID/ bearing hole 23.00



235235 S.R.E. Bracket

Servicing: A002TB2291A, A002TB4791, A002TB4891A, A002TB4891B, A002TB4891C, A002TB4891D, A2TB2291A, A2TB4791, a2tb4891a, a2tb4891b

ID/ bearing hole 23.00



235303# S.R.E. Bracket

Replacing: a642x22170

Servicing: A003T14491, A003TA0791A, A003TA1191, A003TA1191A, A3T14491, a3ta0791a, A3TA1191, a3ta1191a, MD303481, MD317119

ID/ bearing hole 23.00

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



235598 S.R.E. Bracket

Servicing: A005TA6291, A005TA6291A, A005TA6291B, A005TA6291C, A005TA6291D, A005TA6291E, A005TA6291F, A005TA6291G, A005TA6291H

ID/ bearing hole 22.73

Bracket Parts

Mounting Bushings

Pkg. 10



134276 Mounting Bushing

Servicing: 1800A053, 1800A070, A002T05772X, A002T05892, A002T05892A, A002T05892ZC, A002T05893, A002T05893ZC, A002T13894

ID 10.50, **OD** 17.00/22.00, **OD/ collar** 22.00, **Length** 15.00, **Height/ collar** 3.20

Pkg. 10



134277 Mounting Bushing

Servicing: A002TB3891, A002TB3891KD, A003T12291, A2TB3891, A2TB3891KD, A3T12291, MD324755

ID 10.00, **OD** 16.50, **Length** 15.30

Pkg. 10



134278 Mounting Bushing

Servicing: A001T03274, A001T03292, A001T03391, A001T03392, A001T32371, A001T33371, A001T33771, A002T09691, A002T17783, A002T27883

ID 8.60, **OD** 15.30, **Length** 15.30

Pkg. 10



135281# Mounting Bushing

ID 8.30, **OD** 17.00/22.00, **Length** 15.00, **Height/ collar** 3.20



233338 Mounting Bushing

Servicing: A002T81292, A002T81391, A002TA3791, A002TB1491, A003TB2491ZC, A004T01591, a2t81292, a2t81391, a2ta3791, a2tb1491

ID 10.00, **OD** 17.00, **Length** 20.00

Pkg. 10



234575 Mounting Bushing

Servicing: A002T14694, A002T82491B, A002TB0491, A002TB0491A, A002TB4691, A002TB7191, A003T03099, A003TA4399, A005T03677A

ID 10.50, **OD** 17.10, **Length** 16.00

Bearing Retainer Plates

Pkg. 5



231494 Bearing Retainer Plate

Servicing: A002T05772, A002T05892, A002T05892ZC, A002T05893, A002T05893ZC, A002T17783, A002T18476, A002T27883, A002T28976

ID 29.00, **OD** 62.55, **Thickness** 3.00, **No./ mount. holes** 3

Pkg. 10



233912 Bearing Retainer Plate

Replacing: a834x08470, a834s02047

Servicing: 1800A052, 1800A053, A-PC303-05, A001T03274, A001T03292, A001T03391, A001T03392, A001T04495, A002T05772X, A002T13894

ID 29.00, **OD** 54.30, **Thickness** 2.50, **No./ mount. holes** 4

Various

NEW PRODUCT
www.hc-cargo.com

330036 Gasket

Servicing: M000T32171, M000T32172, M0T32171, M0T32172

Length 200.00, **Type** Starter

Covers



331635 S.R.E. Cover

Replacing: a210x93671

Servicing: A002TJ0391, A002TJ0391A, A002TJ0391B, A002TJ0391C, a2tj0391, A2TJ0391A, A2TJ0391B, A2TJ0391C

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Regulators

14 Volt



130615 Regulator

Replacing: rqbdh, rqbd4, rqbd2, rqb2d4, rqb2220d4, rqb2220d1, rqa2220d, rlb2es, rlb2e5, rlb2220e1, rlb2220d

Servicing: A1T00873, ah2035m, AR2115Z3

14.3 **V setting**, **Dist. mount. holes** 118.00, **Regulator type** Electronic

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130616 Regulator

Replacing: rlb2220a5, rl2220a5

14.3 **V setting**, **Dist. mount. holes** 118.00, **Regulator type** Mechanical

---



130620 Regulator

Replacing: rqa2220b, rq2220b, rlb2220b, rla2220b, rl2220b

14.3 **V setting**, **Dist. mount. holes** 115.35, **Regulator type** Electronic
Mechanic: HC-CARGO 133387.

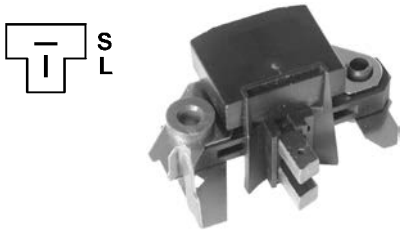


130835 Regulator

Replacing: md607570, md607372, a866t04070, a866t03270, a866t02770, a866t02570, a866t02270, a866t01970

Servicing: A001T02871, A001T03476, A001T22071, A001T22971, A001T22975, A001T23377, A001T24371, A001T24571, A001T24771, A001T25077

14.7 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** R-L

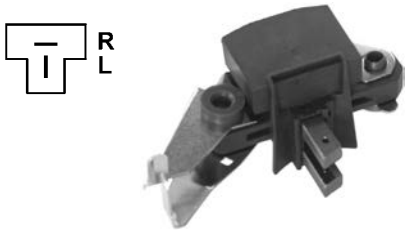


131289 Regulator

Replacing: a866x02970, a866x00870, a866t02970, a866t00870

Servicing: A001T22971, A001T24571, A001T32471, A002T14472, A002T20972, A002T24172, A002T24272, A002T24371, A002T24971, A002T24972

14.7 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L



131290 Regulator

Replacing: md618302, md607619, a866t18270, a866t07670, a866t03470, a866t03070

Servicing: A001T32084, A001T32176, A001T32876, A001T33076, A001T33576, A002T01077, A002T07677, A002T07777, A002T27477, A002T27477A

14.7 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** R-L

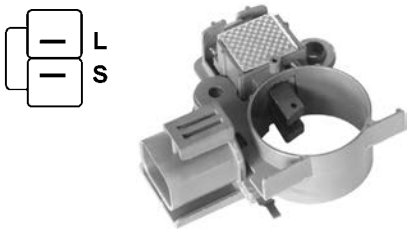


131464[#] Regulator

Replacing: md607538, md607500, a866x01671, a866x01670, a866t02170

Servicing: A002T24884, a2t24884

14.5 **V setting**, **Dist. mount. holes** 27.90, **Terminal type** R-L

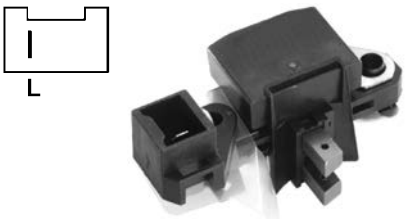


131471 Regulator

Replacing: md611668, md611481, a866x10271, a866x09171, a866x09170, a866t09170

Servicing: A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T02084, A002T06384, A002T09884, A002T10083, A002T14376

14.5 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic, **Terminal type** S-L

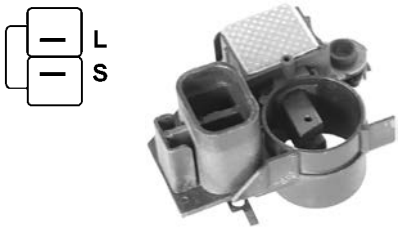


131521 Regulator

Replacing: a886t08370, a866t13370, a866t08370, a866t05670, a866t03870, a861s23087, A002T27091A

Servicing: A002T26391, A002T26391G, A002T27091, A002T27091A, A002T27091C, A002T27091D, A002T27091E, A002T27091F, A002T27091G

14.7 **V setting**, **Dist. mount. holes** 49.20, **Terminal type** I



131523 Regulator

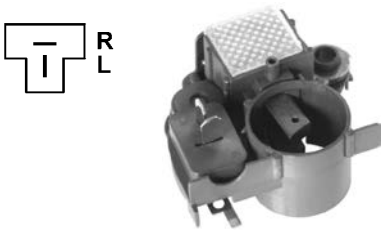
Replacing: md611710, md611588, md611565, md611432, a866x12492, a866x12472, a866x09782, a866x09771, a866x09770

Servicing: A002T02271, A002T02471, A002T02572, A002T02577, A002T02671, A002T02771, A002T02871, A002T02977, A002T03171, A002T03177

14.6 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic, **Terminal type** S-L
Repair circuit: HC-CARGO 133244.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.



131524 Regulator

Replacing: mm502532, md618207, md611146, md611032, a866x11682, a866x11681, a866x08672, a866x06072, a866x05472

Servicing: A000T25171, A000T25271, A001T01991, A001T02471, A001T03672, A001T03872, A001T03972, A001T04172, A001T33474, A001T34472

14.6 **V setting**, **Dist. mount. holes** 37.00, **Terminal type** R-L
Repair circuit: HC-CARGO 133243.



132041 Regulator

Replacing: a866x07572, a866x07570

Servicing: A002T46871, A005T10377, A005T10477, A005T16471, A005T23171, A005T30977, A005T31177, A005T31571, A005T31671, A005T31971

14.6 **V setting**, **Dist. mount. holes** 39.40, **Terminal type** R-L
Repair circuit: HC-CARGO 133243.

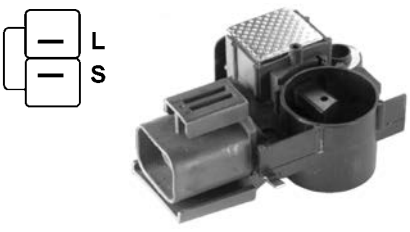


132101 Regulator

Replacing: a866x29272, a866x12980, a866x12782, a866x12780, a866x12772, a866x12770

Servicing: A002T05772, A002T05892, A002T05892A, A002T05893, A002T08577, A2T05772, A2T05892, A2T05892A, A2T05893, A2T08577

14.6 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic, **Terminal type** S-L
Repair circuit: HC-CARGO 133246.



132102 Regulator

Replacing: a866x08771, a866x08072, a866x08071, a866x08070, a866x06472, a866x06471, a866x06470

Servicing: A002T02394B, A002T16994, A002T34794, A002T34794A, A002T43099, A002T43372, A002T43472, A002T44672, A002T45799

14.6 **V setting**, **Dist. mount. holes** 40.00, **Terminal type** S-L
Repair circuit: HC-CARGO 133246.



132476 Regulator

Replacing: a866x05870

Servicing: A003T35278, A003T35278A, A3T35278, A3T35278A, A3T35299A

14.6 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L



132936# Regulator

Replacing: a866x12071, a866x08472, a866x08471

Servicing: A002T47694B, A003T45594, A005T41592, A005T41592B, A005T41792, A2T47694B, A3T45594, A5T41592, A5T41592B, A5T41792

14.6 **V setting**, **Dist. mount. holes** 40.00, **Terminal type** S-L
Repair circuit: HC-CARGO 133246.



133746# Regulator

Replacing: a866x09271, a866x09270

Servicing: A002T01976, A002T49577, a2t01976, a2t49577, MD099621, MD105606

Dist. mount. holes 38.00, **Terminal type** S-L



133872 Regulator

Replacing: MD604751

14.6 **V setting**, **Dist. mount. holes** 57.50, **Regulator type** Electronic, **Terminal type** IG-L
Repair circuit: HC-CARGO 133259. L-terminal does not drive the choke.



134026 Regulator

Replacing: a866x17172, a866x17170

Servicing: A002T34377, A005T00877, A005T00972, A005T01271, A005T01599, A005T01777, A005T02777, A2T34377, A5T00877, A5T00972

14.5 **V setting**, **Dist. mount. holes** 46.00, **Terminal type** S-L
Repair circuit: HC-CARGO 232608.

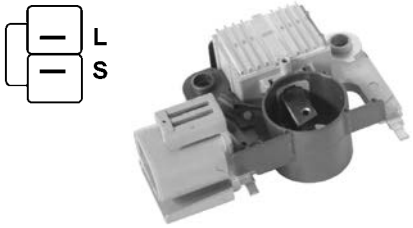


134087 Regulator

Replacing: a866x14872, a866x08271, a866x08270

Servicing: A001T01691, A001T01791, A001T02091, A001T02191, A001T02991, A001T04691, A001T41291, A001T41391, a1t01691, A1T01791

14.6 **V setting**, **Dist. mount. holes** 46.00, **Terminal type** C-IG-L



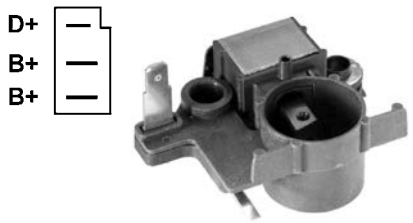
134088 Regulator

Replacing: a866x17982, a866x17972, a866x14572, a866x14570, a866x09982, a866x09972, a866x09971, a866x00179

Servicing: A002T04577, A002T04598, A002T04599, A002T06092, A002T17574, A002T19991, A002T20191, A002T20191ZC, A002T34477

14.3 **V setting**, **Dist. mount. holes** 47.00, **Terminal type** S-L

Repair circuit: HC-CARGO 232608.

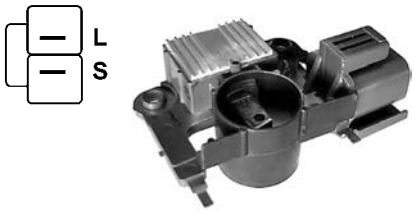


134754 Regulator

Replacing: a866x07470

Servicing: A005T31772, A005T31773, A005T31774, A5T31772, A5T31773, A5T31774

14.6 **V setting**, **Dist. mount. holes** 40.00, **Terminal type** I

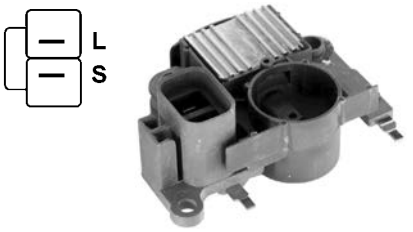


135030 Regulator

Replacing: a866x21482, a866x21472, a866x20782, a866x19172, a866x15170, a866x13272

Servicing: A002T02394, A002T13894, A002T14694, A002T27594, A002T27594A, A003T00896MA, A003T05192, A003T12792, a2t02394, a2t13894

14.5 **V setting**, **Dist. mount. holes** 49.00, **Regulator type** Electronic, **Terminal type** I- A



135032 Regulator

Replacing: a866x21072, a866x17082, a866x17072

Servicing: A002T13977, A002T18177, A002T18277, A002T18874, A002T19677, A002T19777, A002T19877, A002T32899, A005T02677, A005T03477

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L

Repair circuit: HC-CARGO 232608.

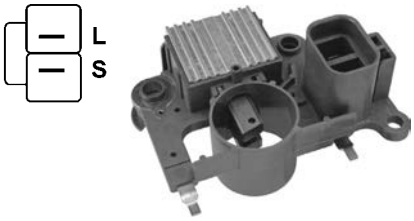


135033 Regulator

Replacing: a866x15072, a866x13571, a866x13471, a866x11872, a866x11870

Servicing: A001T02091, A001T02191, A001T03191, A001T03191ZC, A001T03195ZC, A001T04495, A001T04691, A001T04791, A007T00171

14.6 **V setting**, **Dist. mount. holes** 47.00, **Terminal type** D-IG-L



135034 Regulator

Replacing: a866x20882, a866x15772, a866x15770

Servicing: A001T03274, A001T03292, A001T03391, A001T03392, A001T03791, A001T03792, A001T05792, A1T03274, A1T03292, a1t03391

Dist. mount. holes 46.50, **Terminal type** S-L



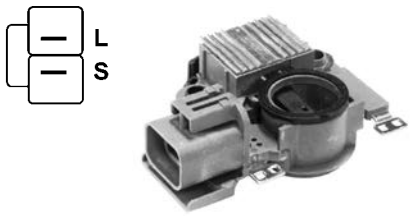
135064 Regulator

Replacing: a866x22072, a866x13671, A866X13670, a866t38570

Servicing: A001T02291, A001T02292, A001T02292ZC, A001T04892, A001T04892ZC, A001T04991, A005T04092, A005T04292, A005T06291

14.6 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** C-FR-IG-L

Repair circuit: HC-CARGO 232609.

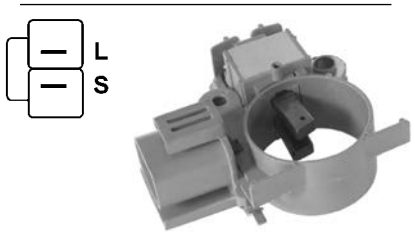


135233 Regulator

Replacing: a866x27472, a866x25372, a866x24082, a866x24072, a866x22772, a866x20972, a866x20572, a866x20472

Servicing: A002T05892B, A002T33191, A002T33191ZC, A002T33891, A002T33891ZC, A002T33991, A002T33991A, A002T34692A, A002T34692B

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L



136549 Regulator

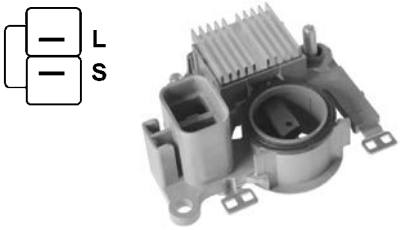
Replacing: a866x12682

Servicing: A003T01871, A003T01872, A003T01877, A003T01877A, A003T01877B, A003T04177, A003T04178, A003T04199, A003T07483, A3T01871

14.4 **V setting**, **Dist. mount. holes** 38.50, **Regulator type** Electronic, **Terminal type** S-L

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

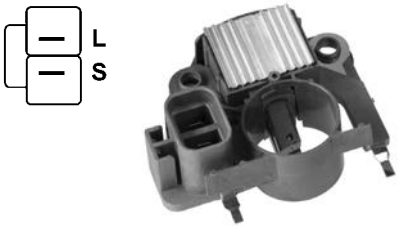


136649 Regulator

Replacing: md618696, a866x30172, a866x25472, a866x23183, a866x23182, a866x23172, a866x22272

Servicing: A002T13977X, A002T34892, A002T34992, A002T35091, A002T35092, A002T36392, A002T38291, A002T38391, A002T38391ZC

14.6 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** S-L



136731 Regulator

Replacing: md611743, a866x19072, a866x11772

Servicing: A004T01493, A004T01893, A004T02991, A004T03091, A004T03191, A004T30593, A4T01493, A4T01793, A4T01893, A4T02991

14.6 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L

Repair circuit: HC-CARGO 232607.

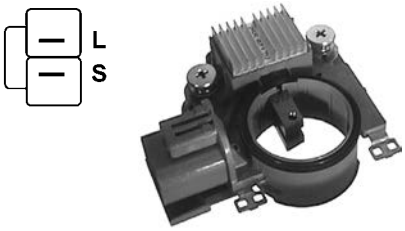


136952 Regulator

Replacing: a866x16672

Servicing: A002T18476, A002T18479, A002T28976, A2T18476, A2T18479, A2T28976

14.5 **V setting**, **Dist. mount. holes** 48.55, **Regulator type** Electronic, **Terminal type** S-L

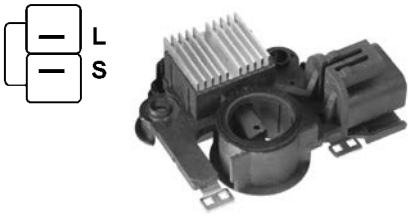


137075 Regulator

Replacing: md619167, md618735, a866x38472, a866x24972, a866x24472

Servicing: A002T36478, A002T36776, A002T82378, A002T0076, A002T0299, A002TN0399, A002TN0499, A002TN1199, A002TN1798, A002TN2476

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** S-L



137182 Regulator

Replacing: a866x23072, a866x22472

Servicing: A002T35791, A002T35791A, A002T82491, A005T06891, A005T06891A, A2T33493, A2T33493A, A2T33593, A2T33593A, A2T33593B

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L



138296# Regulator

Replacing: a866x26641

Servicing: A005T06491ZC, a5t06491zc

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** C-FR-IG-L

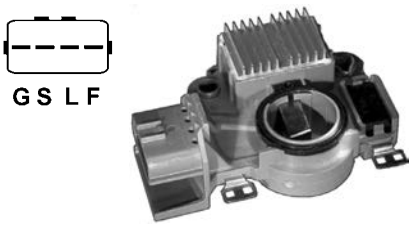


138309 Regulator

Replacing: md618845, a866x26172

Servicing: A001T06391, A007T03277, A1T06391, A1T06672, A1T06791, A1T06891, A1TA0091, A1TA0291, A1TA0491, A1TA0591, A1TA0691

14.7 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** R-L

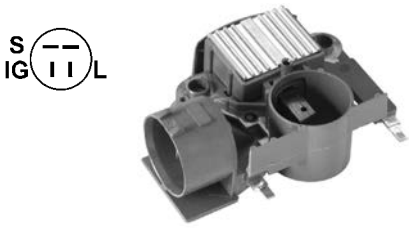


138340 Regulator

Replacing: md619268, a866x34172

Servicing: 1800A070, A002TA4991, A002TA5191, A002TA5391, A002TA5391ZT, A002TA5394, A002TB0892, A002TB5791ZC, A002TB7391

14.4 **V setting**, **Dist. mount. holes** 50.40, **Regulator type** Electronic



138631# Regulator

Replacing: a866x17272

Servicing: A002T09591, A2T09591

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L

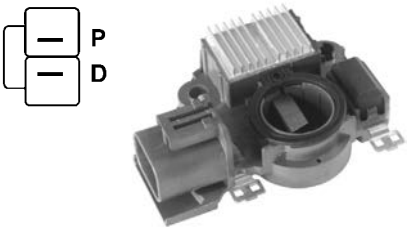


138632 Regulator

Replacing: mm502576, a866x28475, a866x24572

Servicing: A007T02071, A007T02077, A007TA0477A, A7T02071, A7T02077, A7T2071, a7t2071a, a7t2077, A7T2077A, A7TA0477A

14.7 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** R-L



138872 Regulator

Replacing: a866x35472, a866x34572

Servicing: A002TB0091, A002TB0091A, A002TB0091B, A002TB0191, A002TB0191A, A002TB0191B, A002TB2391, A002TB6191, A002TB6192

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** P-D

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

B+D+ W



139043 Regulator

Replacing: a866x23200

Servicing: A002T13391C, A002T13391D, A002T13391E, A002T14591, A002T14592, A002T17491, A002T28792, A002T32692, A002T34591

14.6 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic
Repair circuit: HC-CARGO 137478.

L
S



139110 Regulator

Replacing: me701363, a866x27572

Servicing: A003T08699, A003T09198, A003T09199, A003T09698, A003T09699, A003T09799, A003TA3098, A003TA4298, A005T05473, A005T05473A

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** S-L

IG L



139667 Regulator

Replacing: a866x23773, a866x23772

Servicing: A005T07091, A005T07091ZC, A005TA0791ZC, A007T02174, A007T02491, A007T02591, A007T02691, A5T07091, a5t07091zc

14.7 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** D-IG-L

L



139689 Regulator

Replacing: a866x14370

Servicing: A001T02674, A001T02674D, a1t02674, A1T02674D

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** I



230003 Regulator

Replacing: a866x22283, a866x22282

Servicing: A007T03371, A007T03771, A7T03371, a7t03771

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L

L
S



230042 Regulator

Replacing: a866x32672

Servicing: A007T03371A, A007T03771A, A7T03371A, A7T03771A

14.5 **V setting**, **Dist. mount. holes** 47.30, **Terminal type** S-L

L
S



230043 Regulator

Replacing: a866x70972, a866x42672, a866x36272

Servicing: A002T82491, A002T82491A, A002T82491B, A002TA4091, A002TA4091A, A002TA4092A, A002TA4092B, A002TB3191, A002TB3191A

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** S-L
Repair circuit: HC-CARGO 137478.

C F
G L



230260 Regulator

Replacing: a866x31782

Servicing: A005TA0991, A005TA0991ZC, A005TA3591, A005TA4591, A005TA4591ZC, A5TA0991, A5TA0991ZC, A5TA3591, A5TA4591, A5TA4591ZC

14.5 **V setting**, **Dist. mount. holes** 40.00, **Terminal type** C--FR-IGN-L



230502 Regulator

Servicing: A002TA0291, A002TA0291B, A002TA0291C, A002TA0291D, A002TA0291F, A002TA1991, A002TA1991D, A002TA1991F, A002TA1994

14.6 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic

---

L
S



230885 Regulator

Replacing: md618569, a866x39772

Servicing: A002T38892A, A002T39992A, A002T40092A, A002TA2871A, A002TA5991A, A005T07592A, A2T38892A, A2T39991A, A2T39992A

14.6 **V setting**, **Dist. mount. holes** 47.00, **Terminal type** S-L, **Capacitor** w/

L W



230985 Regulator

Replacing: a866x40371

Servicing: A003TN1791, A3TN1791

Dist. mount. holes 47.00, **Regulator type** Electronic

O.E.M. names and numbers are used for reference purposes only.

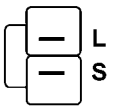
All measurements are in mm, unless else stated.
Available while stock last, * Program development.



230990 Regulator

Servicing: A003TA0593, A004T00891, A004T00891C, A004T00891D, A004T00891E, A004T00991, A004T00991D, A004T00991E, A004T02891

14.6 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic



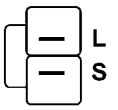


231075 Regulator

Replacing: a866x28972, a866x25272

Servicing: A002T37291, A002T37391, A002T37391ZC, A002T39091, A2T37291, A2T37391, A2T37391ZC, A2T39091

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L



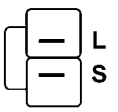


231151 Regulator

Replacing: a866x27772

Servicing: A002T39391, A002T83491, A002T1191, A002TA3991, A002TA5891, A2T39391, A2T83491, A2TA1191, A2TA3991, A2TA5891

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L



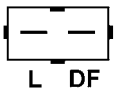


231510 Regulator

Replacing: A866X50170, a866x47672, a866x40272, a866x37272, a866x35672

Servicing: A002T33191A, A002T33991A, A002T36578A, A002T39391A, A002T83491A, A002TA1099A, A002TA6099, A002TA6099A, A002TA6099AT

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** L-S





233745 Regulator

Replacing: a866x35872

Servicing: A002T82091, A005TA2591, A005TA4391, A005TA6591, A2T82091, A5TA2591, a5ta4391, a5ta6591

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** FR-L



234309 Regulator

Servicing: A002TB2291, A002TB2291A, A002TB4791, A002TB4791A, A002TB4791B, A002TB4891, A002TB4891A, A002TB4891B, A002TB4891C

14.5 **V setting**, **Dist. mount. holes** 50.00



234313 Regulator

Replacing: md618957, a866x28572

Servicing: A002TA0891, A003TA1491, a2t80491, A2TA0891, a2ta5393zc, A3TA1491, A3TA2291, MD313392, MD315304X, MD317515

14.4 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** C-S-L-FR



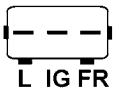


234541 Regulator

Replacing: a866x31882

Servicing: A005TA1091, A005TA1091ZC, A5TA1091, A5TA1091ZC, A5TA1191, A5TA1191ZC, A5TA4891, A5TA4891ZC

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** L-IG-FR





234631 Regulator

Replacing: a866x44582

Servicing: A005TA4791, A005TA5591, a5ta4791, a5ta5591

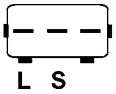
14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** L-IG-FR



235078 Regulator

Servicing: A002TB2291A, A002TB4891A, A002TB4891B, A002TB4891C, A2TB2291A, a2tb4891a, a2tb4891b, A2TB4891C

14.6 **V setting**, **Regulator type** Electronic, **Capacitor** w/, **Resistor** w/o, Not insulated return





235102 Regulator

Servicing: A002TB2891, A002TB2891ZC, A002TB2991, A002TB6291, a2tb2891, a2t-b2891zc, A2TB2991, A2TB6291

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** D-S-L





235278 Regulator

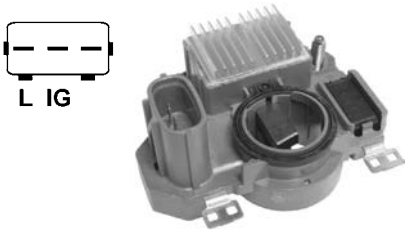
Replacing: A866X48782

Servicing: A002TB7591, A002TB7591ZE, A002TB8691, A002TC0691, A002TC0691A, A002TC0691AE, A002TC0691ZE, A005TA7091, A005TA7091ZC

14.5 **V setting**, **Terminal type** L-IG-FR-C

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



235279 Regulator

Replacing: a866x42572

Servicing: A005TA3891, A005TA3891A, A005TA3891AC, A005TA3891C, A005TA3891ZC, A005TA4291, A005TA6191, A005TA6191ZC, A005TA6191ZE

60 **Amp**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** IG-D-L



235328 Regulator

Replacing: a866x47072, a866x38172

Servicing: A002T80591A, A003TA0791A, A003TA1191A, A2T80591A, A3T13191B, A3T13291B, A3TA0791A, A3TA1191A, A3TA7099, a3tb6277

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** L-S

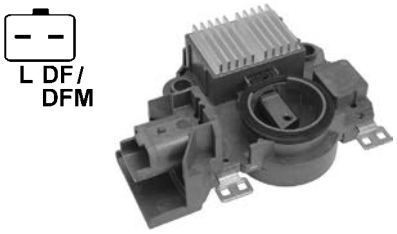


235355 Regulator

Replacing: A866X29582

Servicing: A002TA2191, A2TA2191

14.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** IG-L-C-FR

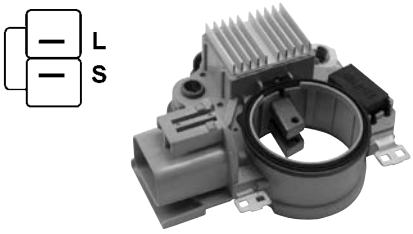


235450 Regulator

Replacing: a866x49872

Servicing: A005TA6291A, A005TA6291B, A005TA6291C, A005TA6291D, A005TA6291F, A005TA6291G, A005TA6291H, A005TA6291ZE, A005TA6292C

14.5 **V setting**, **Terminal type** L-DFM



235541 Regulator

Replacing: a866x41072

Servicing: A002T82899A, A002TN1199A, A002TN1199AT, A002TN1798A, A002TN1798AT, A2T82899A, a2tn1199a, A2TN1199AT, A2TN1798A

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** L-S



235543 Regulator

Replacing: a866x47172, a866x39172

Servicing: A003TA3098A, A003TB1999, A003TB1999KD, a3t09678a, A3T09698A, A3T09798A, A3TA3098A, A3TA4298A, A3TA6098A, A3TB1999

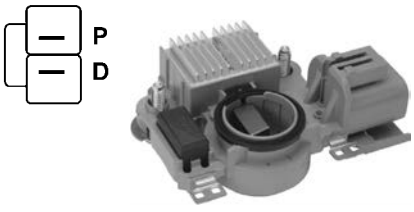
14.5 **V setting**, **Terminal type** L-S



235547 Regulator

Servicing: A001TA2291, A001TA2293, A002TB6481, A002TC0981, a1ta2291, a1ta2293, a2tb6481, a2tc0981

14.5 **V setting**, **Dist. mount. holes** 56.00, **Terminal type** I

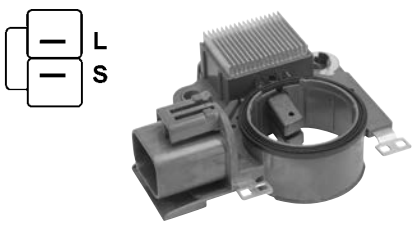


235665 Regulator

Replacing: a866x46572

Servicing: A003TB1081, A003TG0081, A003TG0081A, A003TG0091, A003TG0291, A3TB1081, A3TB1081A, A3TG0081, A3T-G0081A, A3TG0081B

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** P-D

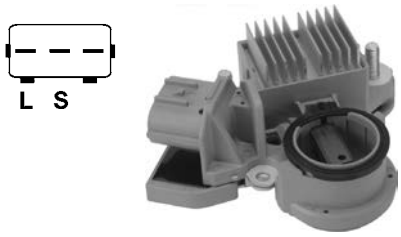


235762 Regulator

Replacing: a866x25572

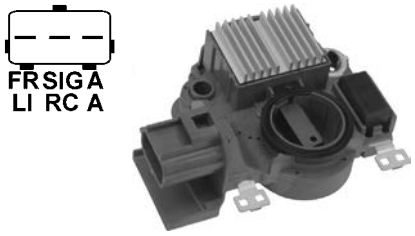
Servicing: A002T36478, A002T37976, A002T38676, A002T81499, A002T82378, A002T82899, A002T82899A, A002T82899AT, A002T82899ZT

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** L-S, **Battery sensor** w/, **Capacitor** w/o, **Resistor** w/o, Not insulated return



235836 Regulator

Dist. mount. holes 50.00, **Regulator type** Electronic



235843 Regulator

Replacing: A866X60372, A866X50372

Servicing: A005TA7792, a5ta7792

90 **Amp**, **Dist. mount. holes** 50.00

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235857* Regulator

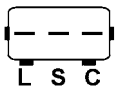
Replacing: A860X44682

Servicing: A007TA0171B, A7TA0171B

14.8 **V setting**

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



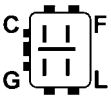


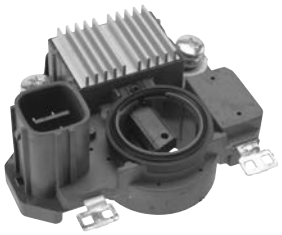
235897 Regulator

Replacing: a866x47272

Servicing: A002TB3091, A002TB5391, A002TB6991, A002TG0391, A003TB1891, A003TG0491, A003TG0591, a2tb3091, A2TB5391, A2TB6991

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** L-S-C



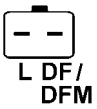


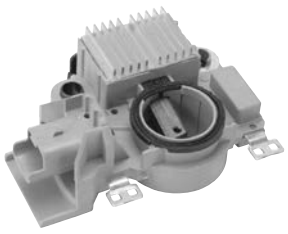
238493 Regulator

Servicing: A005TB0091, A005TB1391, A005T-B1391ZD, A5TB0091, a5tb1391, A5TB1391ZD

14.5 **V setting**, 80 **Amp**, **Regulator type** Electronic, **Terminal type** C-FR-IG-L, **Capacitor** w/o

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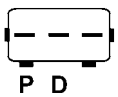




239735 Regulator

Servicing: A001TA3391A, A005TA6291, A005TA6291A, A005TA6291B, A005TA6291C, A005TA6291D, A005TA6291E, A005TA6291F, A005TA6291G

14.5 **V setting**, **Dist. mount. holes** 49.75, **Regulator type** Electronic, **Terminal type** L-DF/DFM



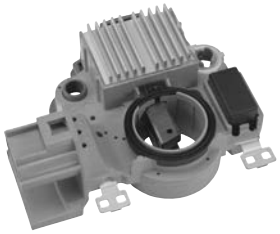


330828 Regulator

Servicing: A002TG1391, A003TB6581, a2tg1391, A3TB6581

Dist. mount. holes 50.00, **Regulator type** Electronic, **Terminal type** P-D, **Battery sensor** w/o, **Capacitor** w/





331005 Regulator

Servicing: A005TA7692, a5ta7692

Dist. mount. holes 50.00, **Regulator type** Electronic, **Capacitor** w/





331571 Regulator

Replacing: a866x55772

Servicing: 1800a053, A003TG3181, a3tg3181

Dist. mount. holes 50.00, **Regulator type** Electronic, **Terminal type** G-S-L-F, **Battery sensor** w/, **Capacitor** w/





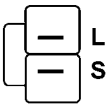
331633 Regulator

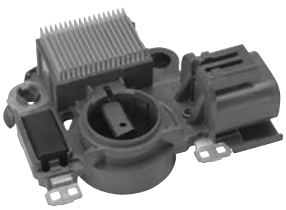
Replacing: a866x50572

Servicing: A002TJ0391, A003TJ1181, a2tj0391, A3TJ0191, a3tj0191a, a3tj0291a, a3tj1091, a3tj1181, a3tj1191

Dist. mount. holes 50.00, **Regulator type** Electronic, **Terminal type** P-D, **Battery sensor** w/o, **Capacitor** w/o

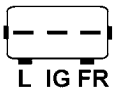
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333039 Regulator

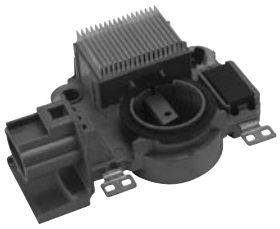
Dist. mount. holes 50.00, **Regulator type** Electronic, **Terminal type** S-L





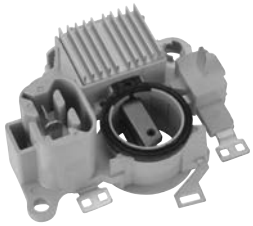
333041 Regulator

Dist. mount. holes 50.00, **Regulator type** Electronic, **Terminal type** L-IG-FR



333044 Regulator

Dist. mount. holes 50.00, **Regulator type** Electronic, **Terminal type** S-L



333325 Regulator

Replacing: a866x44682, a866x28472

Servicing: A007T02071A, A007T02071C, A007T02077A, A007T02077C, A007T03877, A007TA0171, A007TA0477A, A7T02071A, A7T02071C, A7T02072

14.7 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** R-L

NEW PRODUCT
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333685* Regulator

14.5 **V setting**

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

28 Volt



131517 Regulator

Replacing: me700571, a866t06670

Servicing: A005T70178, A005T70183, A005T70283, A5T70178, A5T70183, A5T70283, A5T70383, A5T70483, ME007578, ME017560, ME017561

28.3 **V setting**, **Dist. mount. holes** 48.00, **Terminal type** R-L

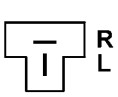


131518 Regulator

Replacing: me700091, a866x01071, a866x01070, a866t01070

Servicing: A002T70571, A002T70772, A002T70774, A2T70571, A2T70671, A2T70772, A2T70774, A2T71683, A2T71978, A3T67171, A3T76071

28.3 **V setting**, **Dist. mount. holes** 29.00





137396 Regulator

Replacing: me700635, a866t06870

Servicing: A002T72185, A002T72186, A002T72189, A002T72383, A002T72483, A002T72883, A002T72985, A002T72986, A002T72987, A002T72999

28.3 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** R-L



137397 Regulator

Replacing: a866t02070

Servicing: A001T70783, A1T70783

28.3 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** R-L



233379 Regulator

Replacing: a866x14672

Servicing: A003T76182, A003T76682, A3T76182, A3T76682, ME017600

28.3 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic, **Terminal type** R-L

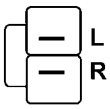


233777# Regulator

Replacing: r8t10472, r8t10471

Servicing: A3T66976, AT4025Q5

28.3 **V setting**, **Dist. mount. holes** 60.00, **Terminal type** F-D-IG-B





234304 Regulator

Replacing: me701399, a866x41272, a866x28372

Servicing: A003TN5188, A003TN5288, A003TN5883, A3TN5188, A3TN5283, A3TN5288, A3TN5293, A3TN5379, A3TN5386, A3TN5387, A3TN5399

28.5 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** R-L



235884 Regulator

Replacing: a866x19972, a866x08871

Servicing: A4T57786, A4T58285, A4T58286, A4T58289, A4T58686, A4T58689, A4T58699, A4T58786, A4T58799, A4T58986, A4T58987, A4T58989

28.6 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic, Not insulated return

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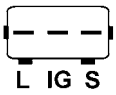


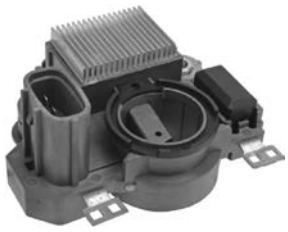
237134 Regulator

Servicing: A004TR5291AT, A004TR5291ZT, A4TR5191ZT, A4TR5291AT, A4TR5291ZT

100 **Amp**, **Dist. mount. holes** 50.00, **D+ type** Bolt, **Regulator type** Electronic

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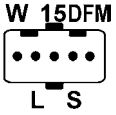




238949 Regulator

Servicing: A004TA0591, A004TA0592, A004TA0594, A004TA8291, A004TA8292, A4TA0591, a4ta0592, a4ta0594, A4TA8291, A4TA8292

28.3 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** L-IG-S



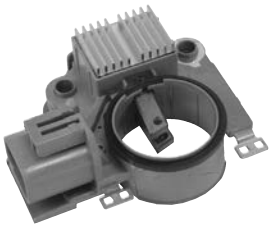
NEW PRODUCT
www.hc-cargo.com

330970* Regulator

Servicing: A004TR5491, A4TR5491

Dist. mount. holes 57.40, **Regulator type** Electronic, **Terminal type** W-L-15-S-DFM, **Battery sensor** w/, **Capacitor** w/, **Resistor** w/o, Not insulated return

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333024 Regulator

Replacing: a866x38672

Servicing: A002T74684, A002T75176, A2T74684, A2T74776, A2T74876, A2T74976, A2T75076, A2T75176, A2T75282, A2T75376, A2T75476

Dist. mount. holes 49.50

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.



333354 Regulator

Replacing: a866x26072, A866X26070

Servicing: A004T40386, A004TU3088, A4T40286, A4T40287, A4T40289, A4T40299, A4T40386, A4T40389, A4T70078, A4T70086, A4T70099

28.5 **V setting**, **Dist. mount. holes** 49.00, **Regulator type** Electronic

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NEW PRODUCT
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333684* Regulator

28.3 **V setting**, Insulated return

Repair Circuits

14 Volt



133243 Repair Circuit

Servicing: A001T01991, A001T40791, A001T40891, A002T00991, A002T03792, A002T04191, A002T04677, A002T06577, A002T28091, A002T34377

Terminal type R-L
4 pin.



133244 Repair Circuit

Servicing: A002T01384, A002T01483, A002T01583, A002T01783, A002T02084, A002T02572, A002T02577, A002T02671, A002T02771, A002T02871

Terminal type S-L
4 pin.



133245 Repair Circuit

Servicing: A002T02394, A002T02394B, A002T48292, a2t02394, a2t02394b, a2t48292, a866x08472

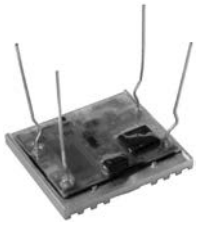
Terminal type S-L
5 pin. Right hand plug.



133246 Repair Circuit

Servicing: A002T08577, A002T08577A, A002T08577B, A002T43472, A002T44672, A005T22971, A005T22971B, A005T22997, A005T22997B

Terminal type S-L
5 pin. Left hand plug.



137478 Repair Circuit

Servicing: A002T13391C, A002T13391D, A002T13391E, A002T14591, A002T14592, A002T17491, A002T18476, A002T28792, A002T28976



232607 Repair Circuit

Servicing: a866x11772, a866x14072, a866x19072

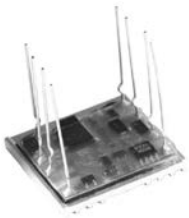
14.6 **V setting**, **Terminal type** S-L



232608 Repair Circuit

Servicing: a866x00179, a866x13970, a866x13971, a866x14570, a866x14572, a866x15472, a866x17072, a866x17972, A866X18972, a866x21072

14.6 **V setting**, **Regulator type** Electronic, **Terminal type** S-L



232609# Repair Circuit

Servicing: a866t38570, A866X13670, a866x22072

14.6 **V setting**, **Regulator type** Electronic, **Terminal type** C-FR-IG-L

Regulator Parts

Various

Pkg. 5



134717 Insulator

Pkg. 5



134718# Insulator

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5

NEW PRODUCT
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237140 Cover for regulator

Servicing: A004TR5091ZT, A004TR5188ZT, A004TR5191ZT, A004TR5291AT, A004TR5291ZT, A004TR5491, A4TR5091ZT, A4TR5188ZT, A4TR5191ZT

Brush Boxes

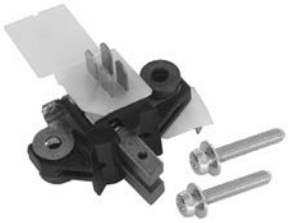


135814[#] Brush Box

Replacing: a649x03970, a649t09270, a649t03970

Servicing: A001T22581, A001T24371, A001T24471, A003T00291, A1T22581, A1T24371, A1T24471, A2T26572, A3T00271, A3T00291, AG2035A

14 **V**



136112 Brush Box

Replacing: md602797, a649x08071, a649x04070, a649t02971

Servicing: A001T11574, A001T21377, A001T22074, A002T12271, A002T15372, A002T16071, A002T16071A, A002T20571, A002T20971, A002T20972

14/28 **V**



234500 Brush Box

Servicing: A002TB1491, A002TB1491ZC, A002TB2791ZC, A003TB2491ZC, a2tb1491, a2tb1491zc, A2TB2491, A2TB2492, A2TB2791, A2TB2791ZC

14 **V**

Brush Box Parts

Brush Sets



140350 Brush Set

Replacing: md602458, md602457, a648c00570

14 **V**, **Length** 14.00, **Lead length** 31.50, **Height** 7.00, **Thickness** 6.00



140351 Brush Set

Replacing: a648d01070, a648c01570, a648c01270, a648c00471

Servicing: AG2025A, AG2030A, AG2035A, AG2035A2, AG2035T2, AG2035T3, AG2050T5, AG2060N3, AG2060N4, AG2060N5

14 **V**, **Length** 17.50/18.50, **Lead length** 50.50, **Height** 7.00, **Thickness** 6.00



140352 Brush Set

Replacing: md607373, md602783, a648d01671, a648d01670

Servicing: A001T11574, A001T20572, A001T20574, A001T21374, A001T22074, A001T22581, A001T22971, A001T30471, A001T30474, A001T31377

14 **V**, **Length** 18.50/19.50, **Lead length** 53.00, **Height** 7.00, **Thickness** 6.00



140353 Brush Set

Replacing: m648d02070, a648d02070

Servicing: A001T02871, A001T03476, A001T22071, A001T22581, A001T22971, A001T22975, A001T23377, A001T24371, A001T24471, A001T24571

14 **V**, **Length** 18.50/19.50, **Lead length** 51.50, **Height** 7.00, **Thickness** 6.00



140354 Brush Set

Replacing: mm502377, a648d01971, a648d01970

Servicing: A002T24884, A002T25377, A002T25578, A002T25584, A002T25598, A002T70571, A002T70772, A002T70774, A002T70972, A002T72185

14 **V**, **Length** 23.00, **Lead length** 58.00, **Height** 7.00, **Thickness** 6.00



140365 Brush Set

Replacing: MD604018

14 **V**, **Length** 16.50/18.00, **Lead length** 52.00, **Height** 8.00, **Thickness** 5.00



140371 Brush Set

Replacing: a648c01271

14 **V**, **Length** 15.00, **Lead length** 51.50, **Height** 7.00, **Thickness** 5.00

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



140392 Brush Set

Replacing: md602019, md602018

Servicing: A002T22077, A002T30477, A002T30571, A002T30577, A2T22077, A2T30477, A2T30571, A2T30577, AC2025T, AC2025T5, AG2035T2

14 **V**, **Length** 18.00, **Lead length** 51.00, **Height** 7.00, **Thickness** 6.00



140437 Brush Set

Replacing: md611707, a648x03271, a648d03470, a648d03370, a648d03091, a648d02970, a648d02771, a648c02981

Servicing: A001T01791, A001T01991, A001T02091, A001T02191, A001T02291, A001T02292ZC, A001T02674, A001T02991, A001T03191

14 **V**, **Length** 18.00, **Lead length** 50.00, **Height** 8.00, **Thickness** 5.00



140576 Brush Set

Replacing: md611689, a648d04170, a648d03871, a648d03870, a648d03070, a648d02770

Servicing: A001T01591, A001T01691, A001T02091, A001T02191, A001T02674, A001T02674D, A001T03191, A001T03191ZC, A001T03195ZC

14 **V**, **Length** 21.50/23.00, **Lead length** 46.00, **Height** 8.00, **Thickness** 5.00



140577 Brush Set

Replacing: md611566, md611035, a648d02571, a648d02570, a648c02970

Servicing: A000T25171, A000T25271, A000T25371, A000T25373, A001T03672, A001T03872, A001T03972, A001T04172, A001T34472, A001T34572

14 **V**, **Length** 18.00, **Lead length** 41.00, **Height** 8.00, **Thickness** 5.00



140817 Brush Set

Replacing: md618851, md618815, md618689, md618570, a647x50870, a647x50270, a647x50170

Servicing: 1800A052, 1800A053, 1800A070, A-PC303-05, A001T03191, A001T04495, A001T06391, A001T06471A, A001T06471B, A001T06491A

14/28 **V**, **Length** 21.50/23.00, **Lead length** 31.50, **Height** 8.00, **Thickness** 5.00
Alternative no.: 610165



141239 Brush Set

Replacing: 141239

Servicing: A003TA8491, A004TR5091ZT, A004TR5188ZT, A004TR5191ZT, A004TR5291AT, A004TR5291ZT, A004TR5491, A3TA8491, A4TR5091ZT

14/28 **V**, **Length** 24.50, **Lead length** 44.50, **Height** 8.00, **Thickness** 5.00

Brushes

Pkg. 100



B140371 Brush

Replacing: a648c01271

14 **V**, **Length** 15.00, **Lead length** 51.50, **Height** 7.00, **Thickness** 5.00

Springs

Pkg. 10



135263 Brush Spring

Replacing: md618465, a389d01901, a389d01601

Servicing: A001T01591, A001T01691, A001T01791, A001T02091, A001T02191, A001T02291, A001T02991, A001T03191, A001T03292, A001T03392

OD 6.75, **Length** 37.75

Pkg. 10



135264 Brush Spring

Replacing: md602227, a389c01101

Servicing: A000T25171, A000T25271, A000T25371, A000T25373, A001T02871, A001T03476, A001T03672, A001T03872, A001T03972, A001T04172

OD 6.75, **Length** 28.65

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Rectifiers



132460# Rectifier

Replacing: a860x00170, a860t02170

Servicing: A002T12271, A002T15372, A002T16071, A002T16071A, A002T20971, A002T20972, A002T22571, A002T30571, A2T12271, A2T15372

30 **Amp/ diode**, **B+/ threaded** M5/32.00, **ID** 51.30, **OD** 110.00, **Mount. dist.** 38.51, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



136739 Rectifier

Replacing: a860t01970, a860t01770

Servicing: A001T11574, A001T21171, A001T21377, A001T22074, A001T22581, A001T31471, A1T11574, a1t21171, A1T21377, A1T21971

35 **Amp/ diode**, **B+/ threaded** M5/32.00, **ID** 49.40, **OD** 115.00, **Mount. dist.** 32.41, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

NEW PRODUCT
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235851* Rectifier

Replacing: a860x52870

Servicing: A007TA0171, A007TA0171B, A7TA0171, A7TA0171B, A7TA2071



331632 Rectifier

Replacing: a860x93471

Servicing: A002TJ0391, a2tj0091, a2tj0391

14 **V**, **B+/ threaded** M6/10.80, **OD** 122.20, **Mount. dist.** 68.00, **B+ type** Bolt, **No./ diodes** 12, **Capacitor** w/o

53 mm



133866 Rectifier

Replacing: a860t14670

Servicing: A007T30371, A007T30374, A007T30392, A007T30471, A007T30471A, A007T30471B, A007T30571, A007T30674, A7T30371, A7T30374

30 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 75.30, **Mount. dist.** 53.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



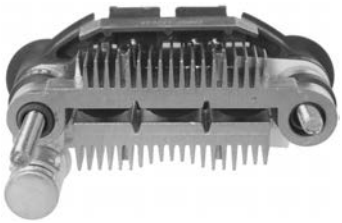
138961 Rectifier

Replacing: mm502507, a860x21699, a860t21670

Servicing: A000T25171, A000T25271, A000T25371, A000T25373, a0t25171, A0T25271, A0T25371, A0T25373, A0T25471

30 **Amp/ diode**, **B+/ threaded** M6, **OD** 69.00, **Mount. dist.** 53.00, **No./ diodes** 8, **Capacitor** w/

65 mm



132039 Rectifier

Replacing: md607828, a860t13370, a860t11970

Servicing: A001T33474, A001T40391, A001T40491, A002T41674, A002T42177, A002T44277, A002T49177, A005T22877, A005T30574, A005T30871

50 **Amp/ diode**, **B+/ threaded** M5/24.00, **OD** 80.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/

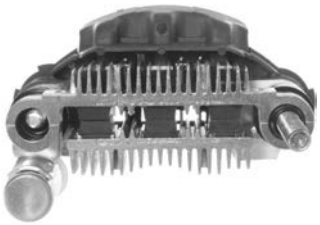


132715 Rectifier

Replacing: a860t27870, a860t21770

Servicing: A005T10377, A005T10377A, A005T10477, A005T10477A, A005T16471, A005T23171, A5T10377, A5T10377A, A5T10477, A5T10477A

B+/ threaded M5/21.55, **OD** 86.50, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



132789 Rectifier

Replacing: a866t22770, a860x18371, a860t22770

Servicing: A001T01591, A001T01691, A001T01791, A001T02991, A001T41391, A1T01591, A1T01691, A1T01791, A1T02592, A1T02991, A1T41391

50 **Amp/ diode**, **B+/ threaded** M6/24.00, **OD** 81.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



132791 Rectifier

Replacing: md611254, a860t27970, a860t16770

Servicing: A001T01991, A001T02091, A001T02191, A001T02291, A001T02292ZC, A001T04691, A001T04791, A001T04892, A001T04892ZC

50 **Amp/ diode**, **B+/ threaded** M5, **OD** 81.00, **Mount. dist.** 65.00, **Diode type** Block, **No./ diodes** 6, **Capacitor** w/

All measurements are in mm, unless else stated.
O.E.M. names and numbers are used for reference purposes only.
#Available while stock last, * Program development.

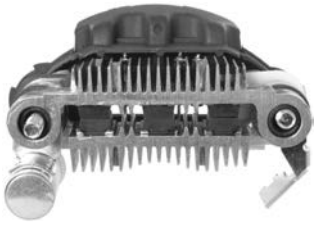


133263 Rectifier

Replacing: a860x20599, a860t20570

Servicing: A005T41592, A005T41592B, A005T41792, A5T41592, a5t41592b, A5T41792

50 **Amp/ diode**, **B+/ threaded** M6/24.00, **OD** 81.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 6, **Capacitor** w/



133756 Rectifier

Replacing: a860x18899, a860t18899, a860t18870

Servicing: A005T01497, A005T01897, A005T22971, A005T22971B, A005T22997, A005T22997B, A5T01497, A5T01897, A5T22971, A5T22971B

30 **Amp/ diode**, **B+/ threaded** M5, **OD** 85.00, **Mount. dist.** 65.00, **No./ diodes** 6



136981 Rectifier

Replacing: a866x18371, a860t19870

Servicing: A005T23171, A005T31571, A005T31671, A005T31971, A005T31971A, A005T32071, A005T32571, A5T23171, A5T30874, A5T31571

30 **Amp/ diode**, **B+/ threaded** M5/17.50, **OD** 85.15, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



138396 Rectifier

Replacing: a860t40570

Servicing: A007T02071, A007T02071A, A007T02077, A007T02077A, A007T02174, A007T02491, A007T02491A, A007T02491B, A007T02591

30 **Amp/ diode**, **B+/ threaded** M6/21.00, **OD** 86.60, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



231777 Rectifier

Replacing: a860x61670

Servicing: A007T03371A, A7T03371A

30 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 85.80, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

71,5 mm



131538 Rectifier

Replacing: a860t11270

Servicing: A001T03476, A001T23377, A001T25083, A001T31374, A001T31699, A001T33277, A003T03291, A003T03291A, A003T03291B

35 **Amp/ diode**, **B+/ threaded** M5, **OD** 85.00, **Mount. dist.** 71.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



132087 Rectifier

Replacing: md607429, a860x04870, a860t15570, a860t11070, a860t10670, a860t05070, a860t04370, a860t00570

Servicing: A001T02871, A001T03476, A001T22071, A001T22971, A001T22975, A001T24371, A001T24571, A001T24771, A001T25077, A001T25083

35 **Amp/ diode**, **B+/ threaded** M5, **OD** 85.00, **Mount. dist.** 71.00, **No./ diodes** 6, **Capacitor** w/o



134373 Rectifier

Servicing: A003T03291, A003T03291A, A003T03291B, A003T03292, A003T03292A, A003T03292B, A003T03298, A003T03298A, A003T03298B

35 **Amp/ diode**, **B+/ threaded** M5, **OD** 84.15, **Mount. dist.** 71.00, **No./ diodes** 6, **Capacitor** w/o



138974# Rectifier

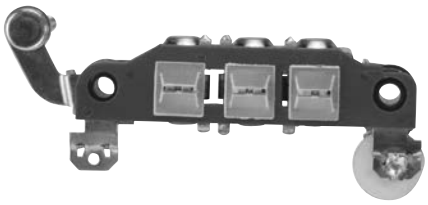
Replacing: a860t09470

Servicing: A001T22581, A001T24371, A001T24471, A1T22581, A1T24371, A1T24471, A1T25477, A1T25483, A1T70883, AH4020Z1

35 **Amp/ diode**, **B+/ threaded** M5, **OD** 85.00, **Mount. dist.** 71.00, **No./ diodes** 6, **Capacitor** w/o

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



333055 Rectifier

Replacing: A860T12870

Servicing: A001T32876, A001T33076, A001T70676, A1T32876, A1T33076, A1T70676

35 **Amp/ diode**, **B+/ threaded** M5/40.50, **Mount. dist.** 71.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/

---

75 mm

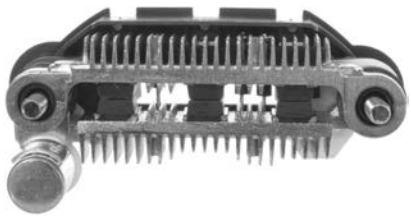


132040 Rectifier

Replacing: a860t27370, a860t26970, a860t25270, a860t24970, a860t24270, a860t19970, a860t17970, a860t17570

Servicing: A002T04474, A002T04599, A002T04677, A002T06274, A002T06577, A002T07371, A002T07474, A002T13471, A002T13571, A002T16994

50 **Amp/ diode**, **B+/ threaded** M5/24.00, **OD** 96.00, **Mount. dist.** 75.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 6, **Capacitor** w/



132466 Rectifier

Replacing: md611256, MD607917, a860t22670, a860t22570, a860t16970, a860t13170

Servicing: A001T41991, A002T00991, A002T02271, A002T02471, A002T02572, A002T02577, A002T02671, A002T02771, A002T02871, A002T02977

50 **Amp/ diode**, **B+/ threaded** M5, **OD** 95.00, **Mount. dist.** 75.00, **Diode type** Block, **No./ diodes** 6, **Capacitor** w/



132467 Rectifier

Replacing: a860x17299, a860t17285, a860t17270

Servicing: A002T46395, A002T46395B, A002T48292, A002T48298, A2T45771A, A2T45799A, A2T46395, A2T46395B, A2T48292, A2T48298

50 **Amp/ diode**, **B+/ threaded** M5, **OD** 96.00, **Mount. dist.** 75.00, **Diode type** Block, **No./ diodes** 6, **Capacitor** w/



132468 Rectifier

Replacing: md611479, a860t32470, a860t25470, a860t22970, a860t22370

Servicing: A002T01077, A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T02084, A002T06384, A002T07677, A002T07777

50 **Amp/ diode**, **B+/ threaded** M6/44.00, **OD** 90.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



132469 Rectifier

Replacing: md611778, md611776, md611688, a860t27170, a860t25870

Servicing: A002T03591, A002T03691, A002T03792, A002T05291, A002T05892, A002T06092, A002T09291, A002T09392, A002T28091, A002T42571

50 **Amp/ diode**, **B+/ threaded** M6/24.00, **OD** 97.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



132792 Rectifier

Replacing: a860x20299, a860t20270

Servicing: A002T02394, A002T02394B, A002T43472, A002T48472, A2T02394, A2T02394B, A2T43472, a2t48472

30 **Amp/ diode**, **B+/ threaded** M5/14.00, **OD** 89.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



132794 Rectifier

Replacing: a860t18570, a860t18501

Servicing: A002T46591, A2T46591

50 **Amp/ diode**, **B+/ threaded** M5/24.00, **OD** 97.00, **Mount. dist.** 75.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 8, **Capacitor** w/



133265 Rectifier

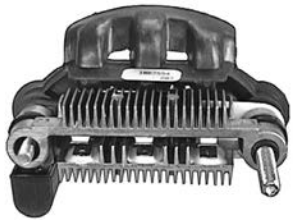
Replacing: md611307, a860t17779, a860t17770

Servicing: A002T00991, A002T02271, A002T02471, A002T02572, A002T02577, A002T02671, A002T02771, A002T02871, A002T02977, A002T03177

30 **Amp/ diode**, **B+/ threaded** M5, **OD** 97.00, **Mount. dist.** 75.00, **No./ diodes** 6, **Capacitor** w/

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Available while stock last, * Program development.



133539 Rectifier

Replacing: a860t41470, a860t28370, a860t27020, a860t16470, a860t13470

Servicing: A002T05892, A002T05892A, A002T05892B, A002T05892ZC, A002T05893, A002T05893ZC, A002T08577, A002T08577A, A002T08577B

50 **Amp/ diode**, **B+/ threaded** M6/24.00, **OD** 96.00, **Mount. dist.** 75.00, **B+ type** Screw, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/



134027 Rectifier

Replacing: a860x45281, a860t37870, a860t37770, a860t32570

Servicing: A002T05772X, A005T00877, A005T01577, A005T01599, A005T01777, A005T01977, A005T02777, A005T03677, A005T03777, A005T06291

30 **Amp/ diode**, **B+/ threaded** M5/18.00, **OD** 96.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/

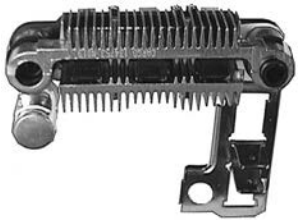


134295 Rectifier

Replacing: a860x36499, a860x27299, a860t32670, a860t27270

Servicing: A005T00192, A005T00972, A005T03092, A005T03192, A005T07591, A005T07592, A5T00192, A5T00972, A5T03092, A5T03192

30 **Amp/ diode**, **B+/ threaded** M6/24.00, **OD** 95.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



134753# Rectifier

Servicing: A005T31772, A005T31773, A005T31774, a5t31772, A5T31773, A5T31774

30 **Amp/ diode**, **B+/ threaded** M6/44.00, **OD** 89.00, **Mount. dist.** 75.00, **No./ diodes** 6, **Capacitor** w/



135215 Rectifier

Replacing: a860x39770, a860t39770, a860t34570, a860t30370

Servicing: A001T02674, A001T02674D, A001T03191, A001T03191ZC, A001T03195ZC, A001T04495, A005T00972, A005T01271, A005T02477

30 **Amp/ diode**, **B+/ threaded** M6/24.00, **OD** 96.30, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



135228 Rectifier

Replacing: md611501, a860t19370

Servicing: A002T01077, A002T01976, A002T07677, A002T07777, A002T32277, A002T41599A, A002T47299, A002T49577, A2T01077, A2T01976

14 **V**, 30 **Amp/ diode**, **B+/ threaded** M5/39.00, **OD** 91.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



135247 Rectifier

Replacing: a860t27070

Servicing: A002T05772, A2T05772

30 **Amp/ diode**, **B+/ threaded** M5/18.00, **OD** 97.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



135248# Rectifier

Replacing: a860t24570

Servicing: A002T03591, A002T03691, A002T04191, A002T45272, A002T45272A, A2T03591, A2T03691, A2T04191, A2T45272, A2T45272A

30 **Amp/ diode**, **B+/ threaded** M5/24.00, **OD** 96.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



139195 Rectifier

Replacing: a860x45670, a860t37070

Servicing: A005T03391, A005T04392B, A005T04492A, A005T04492B, A005T05091, A005T07091, A005T07091ZC, A005TA0791ZC, A5T03391

B+/ threaded M6/21.55, **OD** 97.40, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

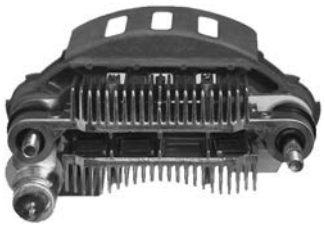


230041 Rectifier

Replacing: a860x43570

Servicing: A005T05372, A005T05473, A005T05473A, A005T05473B, A005T06891, A005T06891A, A5T05372, A5T05472, A5T05473, A5T05473A

B+/ threaded M8/27.40, **OD** 97.40, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



230261 Rectifier

Servicing: A005TA0991, A005TA0991ZC, A005TA4591, A005TA4591ZC, A5TA0991, a5ta0991zc, A5TA4591, A5TA4591ZC

30 **Amp/ diode**, **B+/ threaded** M6/16.80, **OD** 95.75, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



231339 Rectifier

Servicing: A005TA2591, A005TA4391, A005TA6591, a5ta2591, A5TA4391, A5TA6591

50 **Amp/ diode**, **B+/ threaded** M5/15.00, **OD** 97.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 8



232606 Rectifier

Replacing: a860t38570

Servicing: A005T04092, A005T04292, A5T04092, a5t04292

30 **Amp/ diode**, **B+/ threaded** M5, **OD** 89.00, **Mount. dist.** 75.00, **No./ diodes** 8, **Capacitor** w/

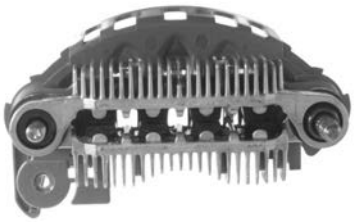


234629 Rectifier

Replacing: a860x45270

Servicing: A005TA1091, A005TA1091ZC, A005TA3591, A5TA1091, A5TA1091ZC, A5TA3591

14 **V**, 30 **Amp/ diode**, **B+/ threaded** M5/17.00, **OD** 97.40, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o

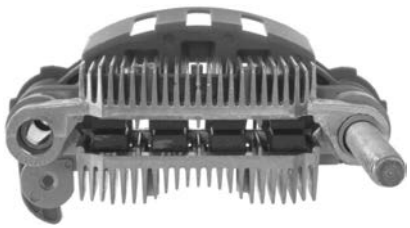


234632 Rectifier

Replacing: A860X74470

Servicing: A005TA4791, A005TA5591, A5TA4791, a5ta5591

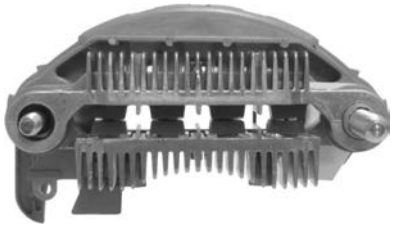
30 **Amp/ diode**, **B+/ threaded** M5/17.00, **OD** 97.85, **Mount. dist.** 71.50, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



235266 Rectifier

Servicing: A001TA2291, A001TA2293, a1ta2291, a1ta2293

14 **V**, **B+/ threaded** M8/27.50, **Mount. dist.** 75.00, **No./ diodes** 8

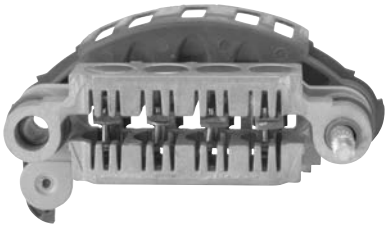


235297 Rectifier

Replacing: A860X83370

Servicing: A005TA7091, A005TA7091ZC, A005TA7091ZE, A005TA7191ZC, a5ta7091, A5TA7091ZC, A5TA7091ZE, A5TA7191, A5TA7191ZC

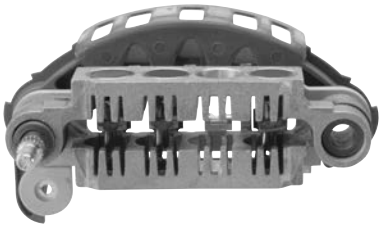
30 **Amp/ diode**, **B+/ threaded** M6/24.00, **Mount. dist.** 75.00, **No./ diodes** 8, **Capacitor** w/o



235526 Rectifier

Servicing: A005TA7792, a5ta7792

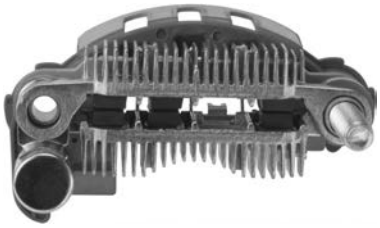
19-25 **Zener V**, 30 **Amp/ diode**, **B+/ threaded** M5/15.00, **OD** 97.06, **Mount. dist.** 75.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



235527 Rectifier

Servicing: A005TA6291, A005TA6291A, A005TA6291B, A005TA6291C, A005TA6291D, A005TA6291E, A005TA6291F, A005TA6291G, A005TA6291H

14 **V**, 30 **Amp/ diode**, **OD** 97.65, **B+/ threaded** M5/18.00, **Mount. dist.** 75.00, **No./ diodes** 6, **Capacitor** w/o

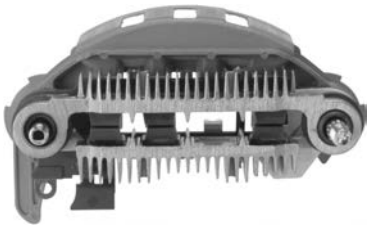


235890 Rectifier

Replacing: a860x46570, A860T46570

Servicing: A001T06391, A1T06391, A1T06672, A1TA0091, A1TA0291, A1TA0491, A1TA0591, A1TA0691, A1TA0791, A1TA0891, A1TA1091

30 **Amp/ diode**, **B+/ threaded** M8/32.00, **Mount. dist.** 75.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/



235892 Rectifier

Replacing: a860x70970

Servicing: A005TA3891, A005TA3891A, A5TA3891, A5TA3891A

14 **V**, **B+** M5, **B+/ threaded** M5/16.00, **ID** 14.00, **OD** 89.00, **Mount. dist.** 75.00, **B+ type** Bolt, **No./ diodes** 6, **Brush gear** w/o, **Capacitor** w/o

O.E.M. names and numbers are used for reference purposes only.

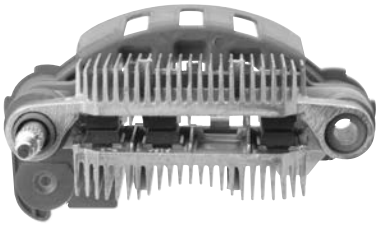
All measurements are in mm, unless else stated.
Available while stock last, * Program development.



235894 Rectifier

Servicing: A002TB2991, a2tb2991

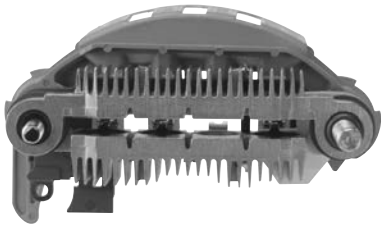
14 **V**, **B+** M5, **B+/ threaded** M5/15.80, **ID** 39.00, **OD** 99.00, **Mount. dist.** 85.00, **B+ type** Bolt, **No./ diodes** 6, **Brush gear** w/o



236741 Rectifier

Servicing: A001TA3391, A001TA3391A, A001TA3391B, A001TA3391C, A001TA3392, A001TA3392A, A001TA3392C, A1TA3391, A1TA3391A, A1TA3391B

28 **V**, 30 **Amp/ diode**, **B+/ threaded** M5/16.00, **Mount. dist.** 75.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o

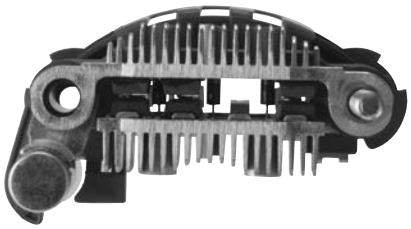


238492 Rectifier

Replacing: 2338492

Servicing: A005TB0091, A005TB1391, A005T-B1391ZD, A5TB0091, a5tb1391, A5TB1391ZD

14 **V**, 30 **Amp/ diode**, **B+/ threaded** M6/21.35, **Mount. dist.** 75.00, **B+ type** Bolt, **No./ diodes** 6



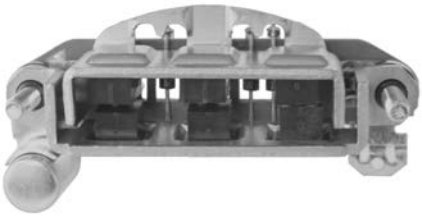
333326 Rectifier

Replacing: a860t40670

Servicing: A007T02071, A007T02071A, A007T02071C, A007T02077, A007T02077A, A007T02077C, A007T03277, A7T02071, A7T02071A, A7T02071C

12 **V**, **B+/ threaded** M6, **Mount. dist.** 65.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/

80 mm



131221 Rectifier

Replacing: md607568, a860t06470, a860t06082, a860t06070

Servicing: A001T70379, A002T16371, A002T16471, A002T23277, A002T23477, A002T30271, A003T30271, A005T10271, A005T15171, A005T15471

35 **Amp/ diode**, **OD** 94.00, **Mount. dist.** 80.00, **No./ diodes** 6, **Capacitor** w/

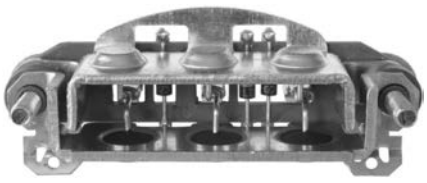


131542 Rectifier

Replacing: a860t10770

Servicing: A005T21471, A005T21472, A005T30171, A5T21471, A5T21472, A5T30171

35 **Amp/ diode**, **B+/ threaded** M5, **OD** 92.00, **Mount. dist.** 80.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



131543 Rectifier

Replacing: a860t08470

Servicing: A005T00272, A005T20871, A005T20872, A005T20972, A005T21871, A005T21897, A5T00272, A5T20871, A5T20872, A5T20972

35 **Amp/ diode**, **B+/ threaded** M5, **OD** 92.70, **Mount. dist.** 80.00, **No./ diodes** 6, **Capacitor** w/o



132130 Rectifier

Replacing: md607616, a860t08270

Servicing: A005T15584, A005T15684, A005T15784, A005T15884, A005T16084, A005T16384, A005T20484, A005T21684, A005T21984, A005T21984B

35 **Amp/ diode**, **B+/ threaded** M5/40.00, **OD** 92.00, **Mount. dist.** 80.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



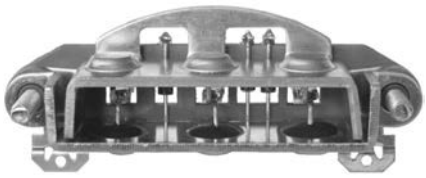
136726 Rectifier

Replacing: me700555, a860t14570

Servicing: A005T70178, A005T70183, A005T70283, A2T13278, A5T22578, A5T22583, A5T23678, A5T70178, A5T70183, A5T70283, ME001570

35 **Amp/ diode**, **B+/ threaded** M5/40.00, **OD** 92.00, **Mount. dist.** 80.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

85 mm



130833 Rectifier

Replacing: md607441, md607370, a860t05170, a860t03970

Servicing: A002T12671, A002T14472, A002T14972, A002T16371, A002T16471, A002T16477, A002T16871, A002T21982, A002T23277, A002T23471

14 **V**, 35 **Amp/ diode**, **OD** 98.50, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/o

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



131544[#] Rectifier

Replacing: a860t02720

Servicing: A002T24371, A002T25071, A002T25081, A002T25171, A002T26072, A002T26172, A002T31574, A002T40571, A002T40577, A2T24371

35 **Amp/ diode**, **B+/ threaded** M5, **OD** 98.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



131545 Rectifier

Replacing: md607693, a860t18370, a860t10470, a860t09370, a860t08370

Servicing: A002T23494, A002T26391, A002T26391G, A002T27091, A002T27091A, A002T27091C, A002T27091D, A002T27091E, A002T27091F

35 **Amp/ diode**, **OD** 100.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/

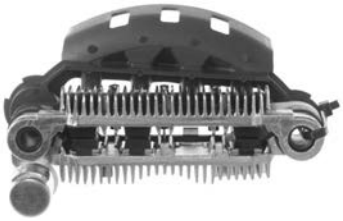


132463 Rectifier

Replacing: me700636, md607680, a860t15170, a860t08770

Servicing: A002T27477, A002T27477A, A002T32077, A002T32277, A002T40483, A002T40484, A002T41477, A002T41599, A002T43183, A002T43583

35 **Amp/ diode**, **B+/ threaded** M5/40.10, **OD** 98.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



134297 Rectifier

Replacing: a860t28670

Servicing: A002T34377, A002T34591, A002T34591A, A002T34591B, A002T34598, A002T34598A, A002T34598B, A002T34598C, A003T01596

50 **Amp/ diode**, **B+/ threaded** M6/44.50, **OD** 101.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 6, **Capacitor** w/

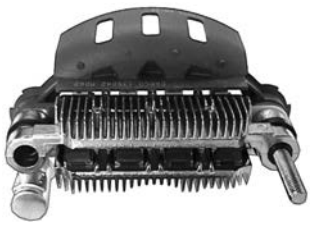


135041 Rectifier

Replacing: a860t34070, a860t31370

Servicing: A002T13977, A002T19677, A002T19777, A002T19877, A002T19991, A002T20191, A002T20191ZC, A002T32899, A2T13977, A2T19677

30 **Amp/ diode**, **B+/ threaded** M6/24.00, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/

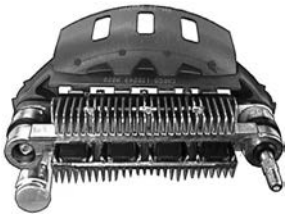


135042 Rectifier

Replacing: md611586, a860t23270

Servicing: A003T00692, A003T04292, A3T00692, A3T04292, MD112323

50 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 8, **Capacitor** w/



135249 Rectifier

Servicing: A002T80391, A002TA5891, A2T80391, A2TA5891, a3t01691

30 **Amp/ diode**, **B+/ threaded** M5/18.00, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



135260 Rectifier

Replacing: a860x29999, a860t35070, a860t29999, a860t29970

Servicing: A002T13894, A002T14694, A2T13894, A2T14694, A2T18792

30 **Amp/ diode**, **B+/ threaded** M5/18.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



135948 Rectifier

Replacing: a860x35472, a860t42270, a860t42170, a860t38970

Servicing: A002T33191, A002T33191ZC, A002T34692A, A002T34692B, A002T37291, A002T37391, A002T37391ZC, A002T39091, A2T33191

30 **Amp/ diode**, **B+/ threaded** M5/18.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



136552 Rectifier

Replacing: a860x60670, a860t41670

Servicing: A002T36478, A002TN0678, A002TN1299, A002TN1299ZT, A2T36478, A2TN0678, A2TN0684, A2TN1299, A2TN1299ZT, MD332546

50 **Amp/ diode**, **B+/ threaded** M5/16.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 6, **Capacitor** w/

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[#]Available while stock last, ***** Program development.



136977 Rectifier

Replacing: a860t38270, a860t33470

Servicing: A002T17574, A002T18874, A002T34477, A2T17574, A2T18874, a2t34477

30 **Amp/ diode**, **B+/ threaded** M5/18.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



136978 Rectifier

Replacing: a860t39170, a860t37670

Servicing: A002T33991, A002T33991A, A002T35177, A002T35277, A002T82091, A2T33991, A2T33991A, A2T35177, A2T35277, A2T82091

30 **Amp/ diode**, **B+/ threaded** M5/18.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



136979 Rectifier

Replacing: md618568, a860t38770

Servicing: A002T13977X, A002T34892, A002T34992, A002T35091, A002T35092, A002T36392, A002T38491, A002T38891, A002T38892

30 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



137076 Rectifier

Replacing: md618950, a860x49270, a860x44170

Servicing: A002T33891, A002T33891ZC, A002T38676, A002T80591, A002T80591A, A002T80591ZC, A002T1099, A002T5291, A002TA5791

14 **V**, 30 **Amp/ diode**, **B+/ threaded** M8/30.00, **OD** 108.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



137077 Rectifier

Replacing: a860x42770

Servicing: A002T37976, A002T81499, A002T82899, A002T82899A, A002T82899AT, A002T82899ZT, A002TN0299, A002TN0399, A002TN0499

B+/ threaded M8/27.70, **OD** 107.55, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



137849 Rectifier

Replacing: md618752, md618734, a860x67170, a860t42770, a860t42670

Servicing: A002T38391, A002T38391ZC, A002T81791, A002T81791A, A002TA0291, A002TA0291B, A002TA0291C, A002TA0291D, A002TA0291F

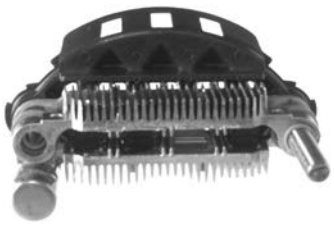
50 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 6, **Capacitor** w/



137860 Rectifier

Servicing: A002T14591, A002T14592, A002T28792, A002T81891, A002TA2292, A002TA2392, A002TA2591, A2T14591, A2T14592, A2T28792

14 **V**, 30 **Amp/ diode**, **B+/ threaded** M6/32.00, **D+ threaded** M5/20.00, **OD** 106.50, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/



137861 Rectifier

Servicing: A002T13391, A002T13391B, A002T13391C, A002T13391D, A002T13391E, A002T17491, A002T37691, A002T37691A, a2t13391

30 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 108.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



138628 Rectifier

Replacing: a860t39870

Servicing: A002T35791, A002T35791A, A2T35791, A2T35791A

B+/ threaded M5/16.60, **OD** 107.65, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

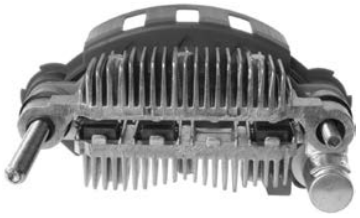


138873 Rectifier

Replacing: md619267, a860x57870, a860t57870

Servicing: A002TA4991, A002TA5191, A002TA6099, A002TA6099A, A002TA6099AT, A002TB0091, A002TB0091A, A002TB0091B, A002TB2391

50 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



138893 Rectifier

Servicing: A002T81291, A002T81391, A002TA7491, A2T81291, a2t81391, A2TA7491, m2t81391

14 **V**, 30 **Amp/ diode**, **B+/ threaded** M6/32.15, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



139197 Rectifier

Replacing: a860x45170

Servicing: A002T82491, A002TA0491, A2TA4091, A002TA4091, A2T38091, A2T82491, A2TA0491

B+/ threaded M5/15.80, **OD** 107.70, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/

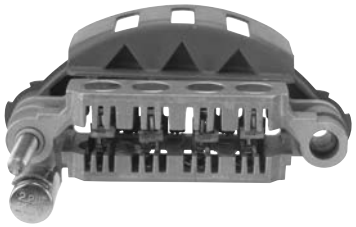


230046 Rectifier

Replacing: a860x63270

Servicing: A002T82491A, A002T82491B, A002TA4091, A002TA4091A, A002TA4092A, A002TB3891, A002TB3891KD, A2T82491A, A2T82491B

30 **Amp/ diode**, **B+/ threaded** M5/16.25, **OD** 107.60, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



230593 Rectifier

Servicing: A002T32692, A002TA2492, a2t32692, A2TA2492

30 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 106.75, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



230643 Rectifier

Replacing: a860x58070, a860t58070

Servicing: A002T80591A, A002TA1099A, A002TA5391, A002TA5391ZT, A002TA5394, A002TB0892, A002TB1298, A002TB1299, A002TB5791ZC

30 **Amp/ diode**, **B+/ threaded** M8/27.00, **OD** 107.40, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



230660 Rectifier

Replacing: a860x68670

Servicing: A002T33191A, A002T37391A, A002TB0191, A002TB0191A, A002TB0191B, A002TB7191, A002TB7791, A002TC0091, A2T33191A

B+/ threaded M5/16.00, **OD** 107.50, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



232628 Rectifier

Replacing: a860t32170, 232628

Servicing: A002T18177, A002T18277, A002T20091, A002T20091ZC, A2T18177, A2T18277, a2t20091, a2t20091zc

30 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



233483 Rectifier

Servicing: A002T37291, A002T39091, a2t37291, a2t39091

30 **Amp/ diode**, **B+/ threaded** M5/19.00, **OD** 108.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/

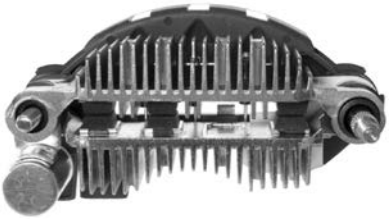


233511 Rectifier

Replacing: a860t28770

Servicing: a3t01496

30 **Amp/ diode**, **B+/ threaded** M6/24.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/

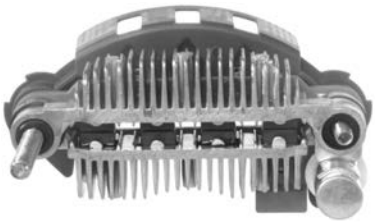


233748 Rectifier

Replacing: a860x47770, a860t06870

Servicing: A002T39391, A002T70772, A002T70774, A002T80391, A002T83491, A002TA1191, A002TA1994, A002TA1994B, A002TA1994C

14 **V**, 30 **Amp/ diode**, **B+/ threaded** M5/17.00, **OD** 106.30, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



234643# Rectifier

Servicing: A002TA3791, A002TA7491, a2ta3791, a2ta7491

30 **Amp/ diode**, **B+/ threaded** M6/34.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 8, **Capacitor** w/

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

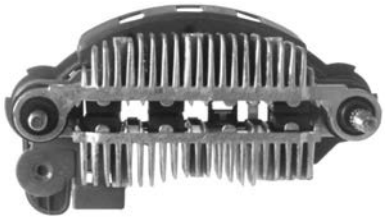


234647 Rectifier

Replacing: a860t41070

Servicing: A002T36776, A002T74684, A2T19276, A2T36684, A2T36776, A2T36876, A2T38776, A2T74684, A2T74776, A2T74876, A2T75376

30 **Amp/ diode**, **B+/ threaded** M5/18.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/

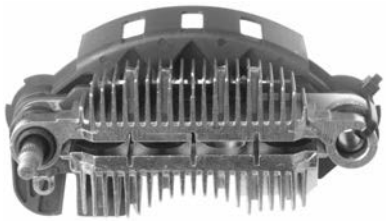


234702 Rectifier

Replacing: a860x61970

Servicing: A002TA7691, A2TA7691

14 **V**, 30 **Amp/ diode**, **B+/ threaded** M5/16.00, **OD** 85.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



234814 Rectifier

Servicing: A002TB2291A, A002TB4891A, A002TB4891B, A002TB4891C, A002TB4891D, A2TB2291A, a2tb4891a, a2tb4891b, A2TB4891C, A2TB4891D

50 **Amp/ diode**, **B+/ threaded** M5, **OD** 106.50, **Mount. dist.** 85.00, **Diode type** Avalanche, **No./ diodes** 6

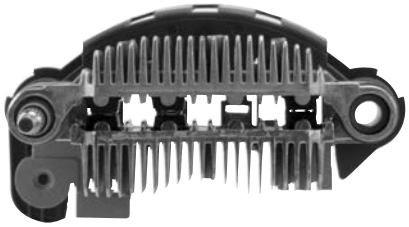


234827 Rectifier

Replacing: a860t42470

Servicing: A002T38291, A002T39991, A002T39992, A2T38291, A2T39991, A2T39992, A2T83591, A2T83592, MD190812, MD194466, MD194467

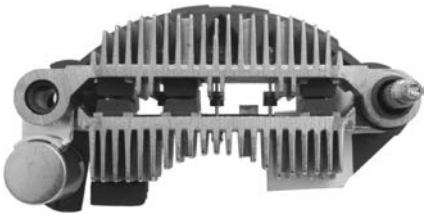
30 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 106.00, **Mount. dist.** 85.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



235265 Rectifier

Servicing: A002TB4791, A002TB4791A, A002TB4791B, a2tb4791, a2tb4791a, a2tb4791b

14 **V**, 30 **Amp/ diode**, **B+/ threaded** M5/16.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/o



236254 Rectifier

Servicing: A002TA1991, A002TA1991D, A002TA1991F, A002TA2094, A002TA2094B, A002TA2094C, A002TA2094D, A2TA1991, A2TA1991D, a2ta1991f

24 **Zener V**, 30 **Amp/ diode**, **B+/ threaded** M5/16.00, **Mount. dist.** 85.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/



236559 Rectifier

Servicing: A002TB7591, A002TB7591ZE, A002TB8691, A002TC0691, A002TC0691A, A002TC0691AE, A002TC0691ZE, A2TB7591, A2TB7591ZE

B+ M6, **B+/ threaded** M6/24.53, **ID** 28.00, **OD** 99.00, **Mount. dist.** 85.00, **B+ type** Bolt, **No./ diodes** 8, **Capacitor** w/



239748# Rectifier

Replacing: a860x47570

Servicing: A002T39291, A2T39291

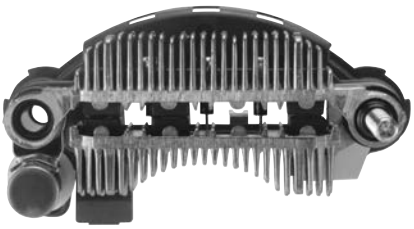
14 **V**, 30 **Amp/ diode**, **B+/ threaded** M5/18.29, **Mount. dist.** 85.00, **B+ type** Bolt, **No./ diodes** 8, **Capacitor** w/



330593 Rectifier

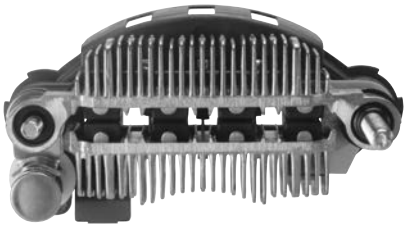
Servicing: A002TC1391ZC, a2tc1391zc

14 **V**, **B+/ threaded** M5/14.12, **ID** 29.00, **OD** 99.00, **Mount. dist.** 85.00, **B+ type** Bolt, **No./ diodes** 8, **Capacitor** w/o



333050 Rectifier

14 **V**, **B+/ threaded** M6/25.10, **ID** 37.00, **OD** 100.00, **Mount. dist.** 85.00, **B+ type** Bolt, **No./ diodes** 9, **Capacitor** w/



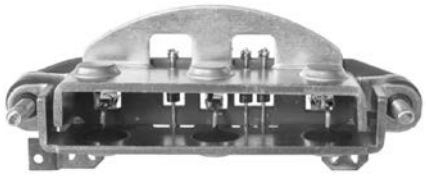
333056 Rectifier

14 **V**, **B+/ threaded** M6/25.20, **ID** 24.00, **OD** 100.00, **Mount. dist.** 85.00, **B+ type** Bolt, **No./ diodes** 11, **Capacitor** w/

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

100 mm

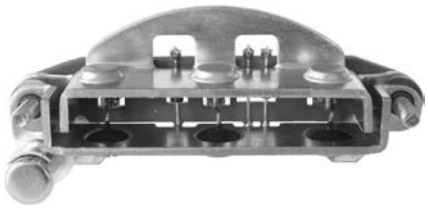


131227 Rectifier

Replacing: md607529, md607385, a860t08970, a860t07370, a860t05270, a860t04170

Servicing: A002T26172, A003T02972, A003T21277, A003T21278, A003T21371, A003T21471, A003T21677, A003T32272, A003T32872, A003T32877

35 **Amp/ diode**, **OD** 114.00, **Mount. dist.** 100.00, **No./ diodes** 6, **Capacitor** w/o



131547 Rectifier

Replacing: md607818, a860t11370, a860t10370, a860t07770

Servicing: A002T41191, A002T41599A, A002T47299, A003T21277, A003T33977, A003T34391, A003T34672, A003T34677, A003T34872, A003T35091

35 **Amp/ diode**, **B+/ threaded** M5, **OD** 115.00, **Mount. dist.** 100.00, **No./ diodes** 6, **Capacitor** w/

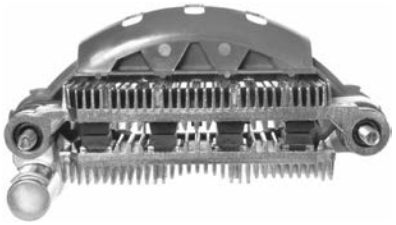


132714 Rectifier

Replacing: a860t26470

Servicing: A003T01871, A003T01872, A003T01877, A003T01877A, A003T01877B, A003T04177, A003T04178, A003T04199, A3T01871, A3T01872

30 **Amp/ diode**, **B+/ threaded** M5/16.50, **OD** 121.85, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



132793 Rectifier

Replacing: md611564

Servicing: A003T02193, A003T03392, A003T03393, A003T03393ZC, A003T03471, A003T03492, A003T03493, A003T03493ZC, A003T04493

14 **V**, 30 **Amp/ diode**, **B+/ threaded** M5, **OD** 122.50, **Mount. dist.** 100.00, **No./ diodes** 8, **Capacitor** w/



135229 Rectifier

Servicing: a3t03891

30 **Amp/ diode**, **B+/ threaded** M5/17.45, **OD** 121.65, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



135252 Rectifier

Replacing: a860t35270

Servicing: A003T08293, A003T45691, A003T45693, A004T00796, A3T06691, A3T08293, A3T45691, A3T45693, a4t00796, MD149750, MD153357

30 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 121.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/

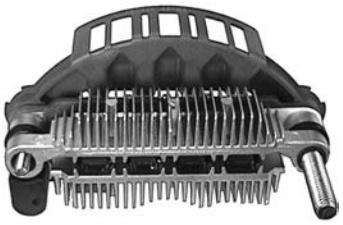


135882 Rectifier

Replacing: a860t40270, a860t38670

Servicing: A003T08491, A003T08491C, A003T08491ZC, A003T08591, A3T08491, A3T08491C, A3T08491ZC, a3t08591

30 **Amp/ diode**, **B+/ threaded** M5/18.00, **OD** 122.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



135900 Rectifier

Replacing: a860t33970

Servicing: A004T02591, A3T76276, A3T76376, A4T02591

30 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 122.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



135901 Rectifier

Replacing: a860t36770

Servicing: A003T07592, A003TA0592, A003TA0592C, A003TA0592D, A003TA0592E, A3T07592, A3TA0592, A3TA0592C, A3T-A0592D, A3TA0592E

30 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 122.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



137486 Rectifier

Replacing: MD611742, md611599, a860t28070, a860t26070, a860t23370, a860t23070, a600c10301, 137486

Servicing: A003T00599, A003T02192, A003T02193, A003T02198, A003T02792, A003T02892, A003T03391, A003T03392, A003T03393, A003T03471

14 **V**, 30 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/

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Available while stock last, * Program development.

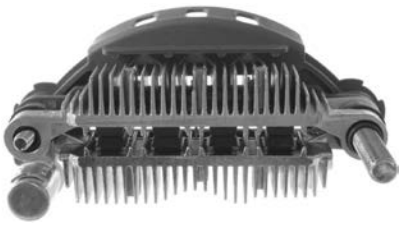


139111 Rectifier

Replacing: me701716, me701353, a860x64870, a860x47070

Servicing: A003T08699, A003T08799, A003T09698, A003T09699, A003T09799, A003TA3098, A003TA8199, A003TB1299, A2T33593C, A3T08699

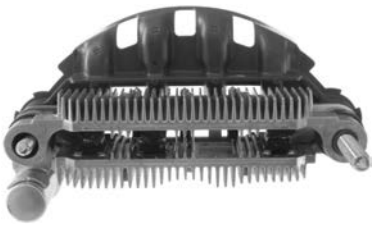
14 **V**, 30 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 123.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



139222 Rectifier

Servicing: A003TA0593, A004T00891, A004T00891C, A004T00891D, A004T00891E, A004T02891, A004T02891A, A004T02891B, A004T02892

30 **Amp/ diode**, **B+/ threaded** M8/30.00, **OD** 122.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/

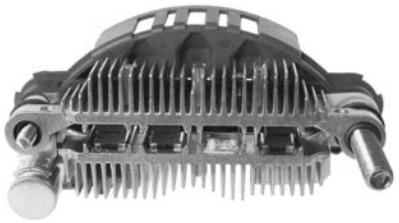


139269 Rectifier

Replacing: a860t36070

Servicing: A004T01893, A004T02991, A004T03091, A4T01793, A4T01893, A4T02991, A4T03091, MD160540, MD197468, MD197469

B+/ threaded M6/20.55, **OD** 121.90, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



139427 Rectifier

Replacing: a860x53870, a860x49970

Servicing: A003TA0491, A003TA0591, A003TA0591C, A003TA0591D, A003TA0591E, A003TA0591F, A003TA0593C, A003TA0593D, A003TA0791

30 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 120.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



139949 Rectifier

Replacing: md618745, a860x42970

Servicing: A003T11678, A003T11678A, A003TN0199, A003TN0699, A003TN1578, A003TN1578A, A3T11678, A3T11678A, A3TN0199, A3TN0699

14 **V**, **B+/ threaded** M8/27.60, **OD** 122.35, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/



230884 Rectifier

Replacing: md619280, a860x64570, a860x62770, a860x58270

Servicing: A003TA1191A, A003TA2291A, A003TA4399, A003TA4791, A003TA5491, A003TA5492, A003TA7791, A003TA7791K1, A003TB0291

B+/ threaded M8/27.25, **OD** 122.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8



231079 Rectifier

Servicing: A003TA8491, A003TN1791, A3TA8491, a3tn1791

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 122.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8



231423 Rectifier

Replacing: md618741, a860x42870

Servicing: A003T11278, A003T11278A, A003T15099, A003TN0299, A003TN0399, A003TN0499, A3T11278, A3T11278A, A3T15099, A3TN0299

30 **Amp/ diode**, **B+/ threaded** M8/28.00, **OD** 121.25, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6

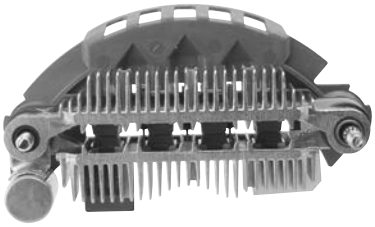


233515 Rectifier

Replacing: A860X34799, a860x31799, a860t31770

Servicing: A003T05192, A3T05192

30 **Amp/ diode**, **B+/ threaded** M6/22.00, **OD** 122.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o



233518 Rectifier

Servicing: A006T41491, A6T41491

50 **Amp/ diode**, **B+/ threaded** M5/18.00, **OD** 100.00, **Mount. dist.** 100.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 8, **Capacitor** w/

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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233651 Rectifier

Servicing: A004T00891, A004T00991, A004T00991B, A004T00991C, A004T00991D, A004T00991E, A004T03392, A004T03392A, A004T03392B

50 **Amp/ diode**,
B+/ threaded M8/28.00, **OD** 123.00, **Mount. dist.** 100.00, **B+ type** Screw, **Diode type** Block, **No./ diodes** 8, **Capacitor** w/



233851 Rectifier

Replacing: a860x52670, a860x49570

Servicing: A003TN5288, A3TN5283, A3TN5288, A3TN5293, A3TN6493, ME017615, ME018230

30 **Amp/ diode**, **B+/ threaded** M8/30.00, **OD** 121.65, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/
w/ terminal W.



234305 Rectifier

Replacing: me701569, a866x52570

Servicing: A002TN5188, A002TN5386, A002TN5387, A2TN5188, A2TN5386, A2TN5387

30 **Amp/ diode**, **B+/ threaded** M8/30.00, **OD** 122.35, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



234310 Rectifier

Servicing: A003TA6491, A003TA6491A, A003TB0891, A003TB0891A, A003TB0891B, A003TB0891C, A003TB2691, A003TB2691C, A003TB2691D

14 **V**, 30 **Amp/ diode**,
B+/ threaded M5/17.00, **OD** 122.75, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8



234700 Rectifier

Replacing: md619592, md618913, a860x68070, a860x48270

Servicing: A003T14491, A003TA0991, A003TA0991A, A003TA1191, A003TA2391, A3T14491, a3ta0991, a3ta0991a, A3TA1191, A3TA2391

14 **V**, 30 **Amp/ diode**,
B+/ threaded M8/30.00, **Mount. dist.** 100.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/

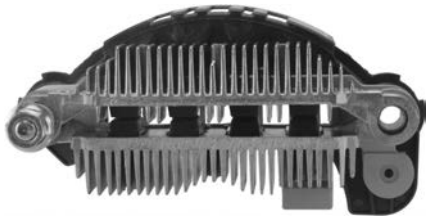


235879 Rectifier

Replacing: a860x86870

Servicing: A003TG0191, A003TG3181, A3TG0191, a3tg0391, a3tg0891, a3tg3181

14 **V**, 20/26 **Zener V**, 50 **Amp/ diode**, **B+** 34.40, **B+/ threaded** M8x1.25, **Mount. dist.** 100.00, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 8



235888 Rectifier

Replacing: a860x79470

Servicing: A003TB1081, A3TB1081, A3TB1081A

B+/ threaded M6, **Mount. dist.** 100.00, **No./ diodes** 8, **Capacitor** w/o

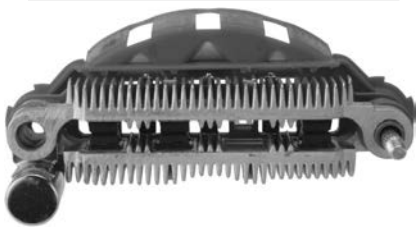


235895 Rectifier

Replacing: a860x58170

Servicing: A003TA0791A, A003TA4691, A003TB4591, A003TB5491, A004T02891, A004T02891A, A004T02891B, A004T02892, A004T02892A

14-28 **V**, 30 **Amp/ diode**, **B+** M8, **B+/ threaded** M8, **OD** 122,00, **Mount. dist.** 100.00, **B+ type** Bolt, **No./ diodes** 8, **Brush gear** w/o, **Capacitor** w/o



236816 Rectifier

Replacing: a860t29770

Servicing: A003T03099, A3T03099

30 **Amp/ diode**, **B+/ threaded** M5/19.00, **OD** 116.80, **Mount. dist.** 100.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/o



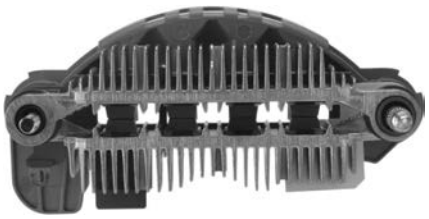
238948 Rectifier

Servicing: A004TA0592, a4ta0592

28 **V**, **B+/ threaded** M8/32.50, **Mount. dist.** 100.00, **B+ type** Bolt, **No./ diodes** 8

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All measurements are in mm, unless else stated.
Available while stock last, * Program development.



239995 Rectifier

Servicing: A003TG1391, A003TG1391A, a3tg1391, a3tg1391A

14 **V**, 35 **Amp/ diode**, **B+/ threaded** M5, **ID** 23.00, **OD** 114.00, **Mount. dist.** 100.00, **B+ type** Bolt, **No./ diodes** 8, **Capacitor** w/o

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NEW PRODUCT
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330969

Servicing: A004TR5491, A4TR5491

28 **V**, 100 **Amp/ diode**, **B+/ threaded** M8/29.56, **OD** 122.82, **Mount. dist.** 100.00, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 8, **Capacitor** w/o

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Rectifier Parts

Diode Avalanche

Pkg. 100



236888 Diode (+)

Servicing: A002TB3091, A002TB5391, A003TG0081, A003TG0081A, A005TG0192A, A005TG0192B, a2tb3091, A2TB5391, A3TG0081, A3TG0081A

24-32 **V**, 50 **Amp**, **Polarity** Positive, **Diode type** Square

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Pkg. 100



236889 Diode (--)

Servicing: A002TB3091, A002TB5391, A003TG0081, A003TG0081A, A005TG0192A, A005TG0192B, a2tb3091, A2TB5391, A3TG0081, A3TG0081A

24/32 **V**, 50 **Amp**, **Polarity** Negative, **Diode type** Block

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Diode Trios

Pkg. 10



138379 Diode Trio

Servicing: A003T03392, A003T03393, A003T03393ZC, A003T03471, A003T03492, A003T03493, A003T03493ZC, a3t03392, a3t03393, A3T03393ZC

ID/ mount. hole 9.00, **OD** 115.90, **Dist./ mount. holes** 99.80



138947 Diode Trio

Servicing: A007T00171, A007T00191, A007T00591, A007T00598, A007T01991, A007T02491, A7T00171, A7T00191, a7t00591, A7T00598

ID/ mount. hole 9.00, **OD** 80.40, **Dist./ mount. holes** 62.35

Terminals

Pkg. 5



233334 Terminal Bolt

Thread size M6, **Total length** 48.65, **Thread length** 35.40

Various



133701# Connection

Mount hole 7.85, **Total length** 62.30

Pkg. 100



133980 Insulator

Pkg. 5



135280 Connection

Mount hole 6.20, **Total length** 54.50 *B+.*

Pkg. 10

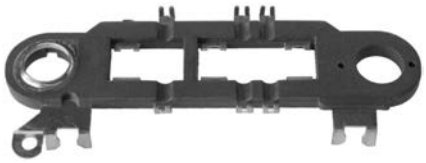


136295# Insulator for Diode Trio

Servicing: A002T14694, A2T14694, a860t29970, a860t29999

ID/ mount. hole 8.90, **OD** 101.00, **Dist./ mount. holes** 84.80

Pkg. 10



136330# Insulator for Diode Trio

Servicing: A001T01791, A001T02991, A005T01497, A007T00171, A007T00191, A007T00591, A007T00598, A007T01991, A007T02691, A1T01791

ID/ mount. hole 9.15, **OD** 80.00, **Dist./ mount. holes** 66.80



137207# Insulator

HC-CARGO 134026, 134088, 134344, 135032, 135033, 134064, 135233.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Bearings

Needle Bearings

Pkg. 5



140503 Needle Bearing

Replacing: 140503

Servicing: M002T56272, M002T60171, M002T60172, M002T60185, M002T61071, M002T61171, M002T62771, M002T63171, M002T66871, M002T66873

ID 14.00, **OD** 20.00, **Height** 12.00, **Rolls** 16

Special Bearings

Pkg. 5



140231 Ball Bearing

Replacing: s930p17170

Servicing: A001T01991, A001T40391, A001T40491, A001T40791, A001T40891, A001T41991, A002T00991, A002T04191, A002T06577, A002T40571B

ID 8.00, **OD** 22.00, **Height** 11.00, **Lock ring** w/

Pkg. 10



140232 Ball Bearing

Replacing: s930p17970, s930p17901, md611150

Servicing: A000T25171, A000T25271, A000T25371, A000T25373, A001T01591, A001T01691, A001T01991, A001T02471, A001T34472, A001T34572

ID 8.00, **OD** 23.00, **Height** 11.00, **Lock ring** w/

Pkg. 10



140234 Ball Bearing

Replacing: s930p18570, s930p18501

Servicing: A001T01791, A001T02091, A001T02191, A001T02291, A001T02292ZC, A001T02991, A001T04691, A001T04791, A001T04892

ID 8.00, **OD** 23.00, **Height** 14.00, **Lock ring** w/, **Oil seals** w/o, **Teflon ring** w/o, **Bushing** w/o

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Pkg. 10



140266 Ball Bearing

Replacing: s930p80670, s930p70170, me701254, me700778

Servicing: A4T25699, A4T25788, A4T57786, A4T58285, A4T58286, A4T58289, A4T58686, A4T58689, A4T58699, A4T58786, A4T58799, A4T58986

ID 17.00, **OD** 47.00, **Height** 19.00

Pkg. 8



140411 Ball Bearing

Replacing: s930p18470, s930p18402, md611410

Servicing: A002T02394, A002T02394B, A002T04577, A002T04598, A002T04599, A002T06092, A002T13391C, A002T14694, A002T17491

ID 15.00, **OD** 47.00, **Height** 18.00

Pkg. 10



140417 Ball Bearing

Replacing: s930p65370, s930p61201

Servicing: A001T32084, A001T32176, A001T33076, A001T33576, A001T33771, A001T70676, A001T71076, A001T71176, A001T71276, A002T23277

ID 12.00, **OD** 32.00, **Height** 10.00, **Lock ring** w/

Pkg. 5



140419 Ball Bearing

Replacing: s933p63670, s930p63670, s930p63605

Servicing: 1800A052, 1800A053, 1800A070, A-PC303-05, A001T02674, A001T02674D, A001T03191, A001T03191ZC, A001T03195ZC, A001T03274

ID 8.00, **OD** 23.00, **Height** 14.00, **Teflon ring** w/

Pkg. 10



140420 Ball Bearing

Replacing: s930p65270, s930p65170, s930p63070, s930p63012, s930p31170, S5930R63070

Servicing: A001T01591, A001T01691, A001T02091, A001T02191, A001T02291, A001T02292ZC, A001T02674, A001T02674D, A001T03191

ID 15.00, **OD** 47.00, **Height** 14.00

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#Available while stock last, * Program development.

Pkg. 10



140432 Ball Bearing

Replacing: md611476

Servicing: A002T25377, A003T15099, A003TN0399, A003TN0499, A003TN0699, A2T25377, A3T15099, A3TN0399, A3TN0499, A3TN0699, MD306834

ID 15.00, **OD** 35.00, **Height** 11.00, **Lock ring** w/



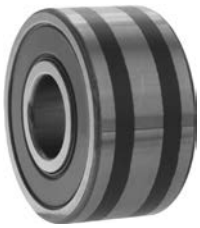
140434 Ball Bearing

Replacing: s930p64370, s930p64301, s930p18370, s930p18301

Servicing: A002T01077, A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T01976, A002T02084, A002T06384, A002T07677

ID 15.00, **OD** 35.00, **Height** 13.00, **Lock ring** w/
Alternative no.: B140434

Pkg. 5



140588 Ball Bearing

Replacing: s930p64570, md618179

Servicing: A003TA0593, A004T00891, A004T00891C, A004T00891D, A004T00891E, A004T00991, A004T00991B, A004T00991C, A004T00991D

ID 10.00, **OD** 27.00, **Height** 14.00, **Lock ring** w/, **Teflon ring** w/

Pkg. 8



140589 Ball Bearing

Replacing: s930p65470, s930p64470

Servicing: A002T13391, A002T13391C, A002T13391D, A002T13391E, A002T13894, A002T14591, A002T14592, A002T17491, A002T27594

ID 17.00, **OD** 47.00, **Height** 18.00

Pkg. 10



140754 Ball Bearing

Replacing: s930p80570

Servicing: A002T37691, A002T37691A, A003T08491, A003T08491A, A003T08491C, A003T08491ZC, A003T12291, A003T12491, A003T14491

ID 17.00, **OD** 52.00, **Height** 18.00
Alternative no.: B140754

Pkg. 6



140783 Ball Bearing

Replacing: s930p64870, md618338

Servicing: 3G series, A002T16994, A002T21072, A002T34794, A002T37591, A002T41599, A002TA0291, A002TA1991, A003T01872, A004T01493

ID 17.00, **OD** 47.00, **Height** 24.00, **Lock ring** w/o, **Teflon ring** w/o, **Bushing** w/o

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Pkg. 5



140879 Ball Bearing

Replacing: s930p70070, me700776

Servicing: A4T25699, A4T25788, A4T57786, A4T58285, A4T58286, A4T58289, A4T58686, A4T58689, A4T58699, A4T58786, A4T58799, A4T58986

ID 25.00, **OD** 62.00, **Height** 24.00

Pkg. 5



141236 Ball Bearing

Replacing: s930p80870, s930p35670

Servicing: A001T41291, A002T25578, A002T41191, A002T41791, A002T45272A, A002T45877, A002T46871, A002T70972, A002T72185, A002T72186

ID 15.00, **OD** 42.00, **Height** 13.00
w/ 2 teflon tolerance rings.



141272 Ball Bearing

Replacing: s930p90670

Servicing: a4tu3586, a4tu6481, a4tu7686

ID 25.00, **OD** 72.00, **Height** 19.00, **Lock ring** w/o, **Oil seals** w/o, **Teflon ring** w/o, **Bushing** w/o

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Pkg. 10



142005 Ball Bearing

Replacing: 6805D2

Servicing: A003TA6581A, A003TA6581KD, A3TA6581A, A3TA6581KD, M009T60471, M009T60672, M009T61171, M009T61571, M9T60471, M9T60672

ID 25.00, **OD** 37.00, **Height** 7.00

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Pkg. 5

NEW PRODUCT
www.hc-cargo.com

142313 Ball Bearing

Replacing: s930p64570, md618179

Servicing: A003TA0593, A004T00891, A004T00891C, A004T00891D, A004T00891E, A004T00991, A004T00991B, A004T00991C, A004T00991D

ID 10.00, **OD** 27.00, **Height** 14.00, **Lock ring** w/, **Teflon ring** w/

NEW PRODUCT
www.hc-cargo.com

142317 Ball bearing

Replacing: s933p63670, s930p63670, s930p63605

ID 8.00, **OD** 23.00, **Height** 14.00, **Teflon ring** w/

Fans & Pulleys



133883 Fan & Pulley

Replacing: md611491, a628t35370

Servicing: A003T32997, A003T33684, A003T33698, A005T15684, A005T15784, A005T15884, A005T16084, A005T16384, A005T20484, A005T21684

OD 93.50, **Bore dia.** 15.00, **Width** 25.40, **Depth** 11.10, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1



133884# Fan & Pulley

Replacing: a628t44370

Servicing: A002T27477, A002T27477A, A002T32077, A002T41477, A2T27477, A2T27477A, A2T32077, A2T41477, A3T35577, MD061430

OD 73.75, **Bore dia.** 15.00, **Width** 28.80, **Depth** 15.00, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



135267 Fan & Pulley

Replacing: md618330, md611492, a628t60370, a628t55770, a628t47970

Servicing: A001T70783, A002T01483, A002T01583, A002T01683, A002T01783, A002T10083, A002T17783, A002T27883, A005T70178, A005T70183

OD 83.50, **Bore dia.** 17.00, **Width** 24.50, **Depth** 10.00, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1



135274 Fan & Pulley

Replacing: md611486, a628t55570

Servicing: A002T01976, A002T14376, A002T14876, A002T41599, A002T49377, A002T49476, A002T49577, A2T01976, A2T14376, A2T14876

OD 78.80, **Bore dia.** 17.00, **Width** 28.90, **Depth** 14.90, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1

Pulleys



131204 Pulley

Replacing: md607513, a628t56470, a628t20670

Servicing: A002T14472, A002T44672, A002T45272, A003T02972, A003T32272, A003T32872, A003T32877, A003T33272, A003T34672, A003T34677

OD 73.00, **Bore dia.** 15.00, **Width** 22.00, **Depth** 18.80, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



132833 Pulley

Replacing: a679c02170, a679c02070, a679c-02070, a629t39670, a628t39670

Servicing: A002T17491, A002T41091, A002T41191, A002T44991, A002T45091, A002T46591, A002T46596, A002T47891, A002T48091, A003T34391

OD 54.80, **Bore dia.** 15.00, **Width** 24.70, **Depth** 12.00, **Pulley type** SP, **Grooves** 5



133343# Pulley

Replacing: a679c00770

Servicing: A002T48292, A002T81391, A005T41592, A005T41792, A2T48292, a2t81391, A5T41592, A5T41792

OD 61.05, **Bore dia.** 17.00, **Dist./ back** 7.25, **Width** 21.10, **Depth** 7.20, **Pulley type** SP, **Grooves** 4



133344 Pulley

Replacing: a630d10401

Servicing: A001T04991, A001T40191, A1T04991, A1T40191

OD 57.00, **Bore dia.** 15.00, **Dist./ back** 4.75, **Width** 21.40, **Depth** 12.00, **Pulley type** SP, **Grooves** 3



133345 Pulley

Replacing: md611792, md611791, md611448, md611426, a679c05870, a679c01670

Servicing: A001T01791, A001T01991, A001T02991, A001T03191, A001T03191ZC, A001T03195ZC, A001T04495, A001T40391, A001T40491

OD 54.60, **Bore dia.** 15.00, **Dist./ back** 11.20, **Width** 24.00, **Depth** 8.40, **Pulley type** SP, **Grooves** 4

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Available while stock last, * Program development.



133348 Pulley

Replacing: a679c00670

Servicing: A002T48292, A002T48298, A2T48292, A2T48298

OD 59.80/62.80, **Bore dia.** 17.00, **Dist./ back** 8.50, **Width** 48.40, **Depth** 33.40, **Pulley type** DSP, **Grooves** 4/6



133460 Pulley

Servicing: A002T26391, A002T26391G, A002T27091, A002T27091A, A002T27091C, A002T27091D, A002T27091E, A002T27091F, A002T27091G

OD 56.50, **Bore dia.** 15.00, **Width** 21.90, **Depth** 11.10, **Pulley type** SP, **Grooves** 4



133623 Pulley

Replacing: a679c14270

Servicing: 1800A052, A002T33191, A002T33191A, A002T33191ZC, A002TB0191, A002TB0191A, A002TB0191B, A002TB7791, A005TG0991, A2T33191

OD 55.00, **Bore dia.** 17.00, **Dist./ back** 9.20, **Width** 25.30, **Depth** 10.00, **Pulley type** SP, **Grooves** 4



133690 Pulley

Replacing: a679c09070, a679c04470, a630x86270

Servicing: A002T05892, A002T05892A, A002T05892B, A002T05892ZC, A002T05893, A002T05893ZC, A002T19991, A002T19991A, A002T20191

OD 59.80, **Bore dia.** 15.00, **Dist./ back** 9.40, **Width** 24.90, **Depth** 10.00, **Pulley type** SP, **Grooves** 3



133868 Pulley

Replacing: a679c03370

Servicing: A005T01497, A005T01897, A005T22997, A005T22997B, A5T01497, A5T01897, A5T22997, A5T22997B

OD 48.50, **Bore dia.** 15.00, **Dist./ back** 6.50, **Width** 20.50, **Depth** 4.50, **Pulley type** SP, **Grooves** 3



134711 Pulley

Replacing: s628t59670, md611260, a860t44270, a628t59470, a628t54870, a628t50670, a628t49870, a628t44270

Servicing: A001T03476, A001T22074, A001T23377, A001T25077, A001T25083, A001T25097, A001T31374, A001T31377, A001T31685, A001T31699

OD 73.80, **Bore dia.** 15.00, **Width** 19.20, **Depth** 6.30, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



134712 Pulley

Replacing: md611264, md607198, a640t24370, a640t24340, a628t50570, a628t36470, a628t31070, a628t29278

Servicing: A001T02471, A001T02674, A001T02871, A001T22071, A001T22581, A001T22971, A001T22975, A001T24371, A001T24471, A001T24571

OD 67.95, **Bore dia.** 15.00, **Width** 14.00, **Depth** 4.90, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



134860 Pulley

Replacing: a679c03070

Servicing: A003T03298, A003T03298A, A003T03298B, A003T04493, A003T45298, A003T45298D, A003T45298F, A3T03298, A3T03298A, A3T03298B

OD 62.50, **Bore dia.** 15.00, **Width** 25.25, **Depth** 13.85, **Pulley type** SP, **Grooves** 5



135272 Pulley

Replacing: a628t61270, a628t56070

Servicing: A002T01077, A002T07677, A002T07777, A002T21072, A002T32277, A002T34477, A002T35177, A002T35277, A002T37976, A005T02477X

OD 73.45, **Bore dia.** 17.00, **Width** 20.75, **Depth** 7.80, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



135424 Pulley

Replacing: md611835, md611790, a679c06470, a679c05570

Servicing: A002T14792, A003T02792, A003T02892, A003T03392, A003T03393, A003T03393ZC, A003T03471, A003T03492, A003T03493

OD 65.30, **Bore dia.** 15.00, **Dist./ back** 10.90, **Width** 21.10, **Depth** 5.00, **Pulley type** SP, **Grooves** 4

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135594 Pulley

Replacing: md618298, a628x64570, a628t57370

Servicing: A001T03672, A001T03872, A001T03972, A001T04172, A001T34572, A001T34672, A002T05772, A002T25081, A002T26072, A002T26172

OD 72.20, **Bore dia.** 15.00, **Width** 16.05, **Depth** 4.60, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



135595 Pulley

Replacing: a679c00370

Servicing: A002T02394, A002T02394B, A002T14694, A002T47794, A002T48594, A002T48594B, A002T48594C, A002T49094, A002T49094B

OD 69.70, **Bore dia.** 15.00, **Dist./ back** 6.25, **Width** 21.30, **Depth** 8.30, **Rotation** CR/ACR, **Pulley type** SP, **Grooves** 4



135743 Pulley

Servicing: A002T34598, A002T34598A, A002T34598B, A002T34598C, A2T34598, A2T34598A, a2t34598b, A2T34598C

OD 62.90, **Bore dia.** 17.00, **Dist./ back** 11.25, **Width** 33.00, **Depth** 19.00, **Pulley type** SP, **Grooves** 5



136039 Pulley

Replacing: a679c14070, a679c09370

Servicing: A003T08491, A003T08491A, A003T08491C, A003T08491ZC, A004T00891C, A004T02892, A004T02892A, A004T03292, A004T03292A

OD 55.00, **Bore dia.** 17.00, **Dist./ back** 7.00, **Width** 26.00, **Depth** 14.00, **Pulley type** SP, **Grooves** 5



136041 Pulley

Replacing: md611779, a679c05470, a679c03470

Servicing: A002T09493, A003T05192, A005T41592B, A2T09493, A3T05192, A5T41592B, A5T41792B, MD114620

OD 65.00, **Bore dia.** 15.00, **Dist./ back** 10.40, **Width** 24.60, **Depth** 9.00, **Pulley type** SP, **Grooves** 4



136608 Pulley

Servicing: A002T14592, A002TA2292, a2t14592, a2ta2292

OD 60.10, **Bore dia.** 17.00, **Dist./ back** 7.30, **Width** 28.60, **Depth** 16.80, **Pulley type** SP, **Grooves** 5



136676# Pulley

Replacing: a630d19370

Servicing: A007T02174, A007T02174A, A007T02874, A7T01474, A7T01874, A7T01874A, A7T02174, A7T02174A, A7T02874, A7T02974, A7T02974A

OD 62.00, **Bore dia.** 17.00, **Width** 16.05, **Depth** 5.00, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



136941 Pulley

Replacing: a679c12670, a630c80370

Servicing: A002T33891, A002T33891ZC, A002T33991, A002T33991A, A002T39291, A002T39391, A002T39391A, A002T80391, A002T83491

OD 54.60, **Bore dia.** 17.00, **Dist./ back** 9.90, **Width** 22.40, **Depth** 6.80, **Pulley type** SP, **Grooves** 4



136953 Pulley

Replacing: a679c04570

Servicing: A003T01871, A003T01872, A003T01877, A003T01877A, A003T04177, A003T04178, A003T04199, A3T01871, A3T01872, A3T01877

OD 72.20, **Bore dia.** 17.00, **Dist./ back** 9.00, **Width** 26.20, **Depth** 10.30, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



136955# Pulley

Replacing: a679c12070

Servicing: A002T36478, A002T36578, A002T36578A, A002TN0678, A003T01877B, A003T04178, A2T36478, A2T36578, A2T36578A, A2TN0678

OD 82.00, **Bore dia.** 17.00, **Dist./ back** 9.00, **Width** 26.00, **Depth** 10.50, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

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137433 Pulley

Replacing: a679c06570

Servicing: A003T03099, A3T03099

OD 88.00, **Bore dia.** 17.00, **Dist./ back** 8.00, **Width** 37.60, **Depth** 13.30, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



137551 Pulley

Replacing: md618722, a628t63470

Servicing: A002TA8383, A003T07483, A003T08183, A2TA8383, A2TA8483, A3T07483, A3T07983, A3T08083, A3T08183, A5TA2183, A5TA5083A

OD 83.00, **Bore dia.** 17.00, **Width** 24.80, **Depth** 9.90, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1



137552 Pulley

Replacing: md618742, a628x65670, a628x63670

Servicing: A003T11278, A003T11278A, A003T11678, A003T11678A, A003TN0078, A003TN1578, A003TN1578A, A3T11278, A3T11278A, A3T11678

OD 83.55, **Bore dia.** 17.00, **Width** 20.30, **Depth** 6.00, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



137553 Pulley

Replacing: md611600, a679c03170

Servicing: A003T00599, A003T04999, A003T05499, A003T06099, A003T07399, A3T00599, A3T04999, A3T05499, A3T06099, A3T07399, MD111932

OD 83.50, **Bore dia.** 17.00, **Dist./ back** 13.20, **Width** 37.00, **Depth** 13.85, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



137554 Pulley

Replacing: md618341, a679c10070

Servicing: A004T01493, A004T01893, A4T01493, A4T01793, A4T01893, MD150657, MD160540

OD 65.00, **Bore dia.** 17.00, **Width** 26.00, **Depth** 9.20, **Pulley type** SP, **Grooves** 6



137702 Pulley

Servicing: A004T01591, A4T01591

OD 55.10, **Bore dia.** 17.00, **Dist./ back** 6.20, **Width** 30.30, **Depth** 18.00, **Pulley type** SP, **Grooves** 6



137844 Pulley

Replacing: md618753, a630c81870, a630c61870

Servicing: A002T38391, A002T38391ZC, A002T39891, A002T80591, A002T80591A, A002T80591ZC, A002T81791, A002T81791A, A002TA0891

OD 63.40, **Bore dia.** 17.00, **Dist./ back** 10.00, **Width** 23.00, **Depth** 7.80, **Pulley type** SP, **Grooves** 4



137958 Pulley

Servicing: A002T34591, A002T34591A, A002T34591B, a2t34591, A2T34591A, A2T34591B

OD 56.35, **Bore dia.** 17.00, **Dist./ back** 10.70, **Width** 28.60, **Depth** 12.80, **Pulley type** SP, **Grooves** 4



137960 Pulley

Servicing: A002T82091, A002TB4791, A003TA6491, A003TB0891, A003TB0891A, A003TB0891B, A003TB0891C, A003TG1891, A005TA2591

OD 52.10, **Bore dia.** 17.00, **Width** 30.30, **Depth** 15.00, **Pulley type** SP, **Grooves** 6



137963 Pulley

Replacing: a630x86870

Servicing: A002T81891, A002TA1991F, A002TA2591, A003TB2691, A2T81891, A2TA1991F, A2TA2591, A3TB2691

OD 55.00, **Bore dia.** 17.00, **Dist./ back** 11.35, **Width** 35.50, **Depth** 19.75, **Pulley type** SP, **Grooves** 6



137964 Pulley

Servicing: A002TA1991, A002TA1991D, A002TA2091, A002TA2091D, A002TA2091E, A002TA2091F, A003TA0591, A003TA0591C, A003TA0591D

OD 56.50, **Bore dia.** 17.00, **Dist./ back** 10.50, **Width** 34.10, **Depth** 18.85, **Pulley type** SP, **Grooves** 6

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138395 Pulley

Replacing: a679c14470

Servicing: A002T38491, A002T38891, A002T38892, A002T38892A, A002T39991, A002T40091, A002T40092, A002T40092A, A002TA0091

OD 65.00, **Bore dia.** 17.00, **Dist./ back** 11.20, **Width** 22.20, **Depth** 7.10, **Pulley type** SP, **Grooves** 4



138624 Pulley

Replacing: md618921, a629x50470

Servicing: A002T81499, A002T82899, A002T82899A, A002T82899AT, A002T82899ZT, A002TN0299, A002TN0399, A002TN0499, A002TN0499AT

OD 78.60, **Bore dia.** 17.00, **Dist./ back** 8.00, **Width** 36.60, **Depth** 21.00, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



138658 Pulley

Servicing: A003TA0593, A004T02893, A004T02893A, A004T02893B, A004T03293, A004T03293A, a3ta0593, a4t02893, A4T02893A, A4T02893B

OD 62.30, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 25.70, **Depth** 14.50, **Pulley type** SP, **Grooves** 5



139191 Pulley

Replacing: a630x82070, a630c82070

Servicing: A002T34692A, A002T34692B, A002T35791, A002T35791A, A002T82491, A002T82491A, A002TA0491, A002TA4091, A002TA4091A

OD 67.05, **Bore dia.** 17.00, **Dist./ back** 10.70, **Width** 30.30, **Depth** 15.30, **Pulley type** SP, **Grooves** 6



139324 Pulley

Replacing: a679c13970

Servicing: A003TN1791, A005T06291, A005T06391, A005T06391ZC, A3TN1791, A5T06291, A5T06391, A5T06391ZC

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 10.30, **Width** 23.40, **Depth** 9.20, **Pulley type** SP, **Grooves** 4



139346 Pulley

Replacing: a679c14170

Servicing: A002T34892, A002T34992, A002T35091, A002T35092, A002T36392, A002TA5991, A002TA5991A, A2T34892, A2T34992, A2T35091

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 11.00, **Width** 22.27, **Depth** 7.00, **Pulley type** SP, **Grooves** 4



139348# Pulley

Replacing: md618834, a679x04070

Servicing: A002T07292, A002T07292A, A2T07292, A2T07292A, MD116418

OD 60.00, **Bore dia.** 15.00, **Dist./ back** 11.27, **Width** 26.60, **Depth** 11.78, **Pulley type** SP, **Grooves** 4



139947 Pulley

Replacing: a628t59070

Servicing: A2T18874, A3T04674, A001T11574, A002T17574, A002T18874, A005T31772, A005T31773, A005T31774, A1T11574, A2T17574,

OD 62.10, **Bore dia.** 15.00, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



230037 Pulley

Replacing: a628t62170

Servicing: A002T05772X, A002T22871, A007T02071, A007T02071A, A007T02071C, A007T03371, A007T03371A, A007T03771, A007T03771A

OD 68.00, **Bore dia.** 17.00, **Width** 16.10, **Depth** 4.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



230139 Pulley

Replacing: a679c07770

Servicing: A001T03274, A001T03292, A001T03391, A001T03392, A001T03791, A001T03792, A001T05792, A1T03274, A1T03292, A1T03391

OD 60.00, **Bore dia.** 15.00, **Dist./ back** 10.30, **Width** 21.35, **Depth** 6.50, **Pulley type** SP, **Grooves** 4

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Available while stock last, * Program development.



230504 Pulley

Replacing: a629x50370

Servicing: A002T82378, A2T82378

OD 83.60, **Bore dia.** 17.00, **Dist./ back** 10.45, **Width** 30.70, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



230505 Pulley

Replacing: me701017, a679c06670

Servicing: A003T76182, A003T76682, A3T04582, A3T76182, A3T76682, A4T04582, ME017600

OD 88.30, **Bore dia.** 17.00, **Dist./ back** 6.70, **Width** 26.10, **Depth** 10.00, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1



230534 Pulley

Servicing: A003T01596, A003T01598, A3T01498, a3t01596, a3t01598

OD 54.30, **Bore dia.** 15.00, **Dist./ back** 6.65, **Width** 32.30, **Depth** 20.90, **Pulley type** SP, **Grooves** 6



230791 Pulley

Replacing: me701549, a629x56870, a629x51570

Servicing: A003T09198, A003T09199, A003T09698, A003TA3098, A003TA3098A, A003TA4298, A003TB1999, A003TB1999KD, A2TA3098, A3T09198

OD 71.80, **Bore dia.** 17.00, **Dist./ back** 7.80, **Width** 34.00, **Depth** 18.90, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



230792 Pulley

Replacing: a629x52470

Servicing: A002TA1099, A002TA1099A, A002TA6099, A002TA6099A, A002TA6099AT, A003TB5099, A2TA1099, A2TA1099A, A2TA6099, A2TA6099A

OD 84.00, **Bore dia.** 17.00, **Dist./ back** 8.00, **Width** 37.60, **Depth** 22.40, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



230953 Pulley

Replacing: a630c80270

Servicing: A002T37291, A002T37391, A002T37391A, A002T37391ZC, A002T39091, A002TA7591, A002TA7691, A002TB2891, A002TB2991

OD 55.00, **Bore dia.** 17.00, **Dist./ back** 11.00, **Width** 34.30, **Depth** 18.80, **Pulley type** SP, **Grooves** 5



230957 Pulley

Replacing: a679c02970

Servicing: A001T01591, A001T01691, A001T02091, A001T02191, A001T02291, A001T02292ZC, A001T04691, A001T04791, A001T04892

OD 57.80, **Bore dia.** 15.00, **Dist./ back** 7.70, **Width** 20.15, **Depth** 5.00, **Pulley type** SP, **Grooves** 3



230958 Pulley

Replacing: md619386, a630x88270, a630x86970

Servicing: A002TA5191, A002TA5291, A002TA5394, A003TA5492, A003TA7791, A003TB2291ZC, A2TA5191, A2TA5291, a2ta5394, A2TA5492

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 11.00, **Width** 26.80, **Depth** 10.60, **Pulley type** SP, **Grooves** 5



231112 Pulley

Servicing: A002TA0291, A002TA0291B, A002TA0291C, A002TA0291D, A002TA0291F, A2TA0291, A2TA0291B, A2TA0291C, A2T-A0291D, A2TA0291F

OD 56.00, **Bore dia.** 17.00, **Dist./ back** 10.60, **Width** 34.00, **Depth** 19.00, **Pulley type** SP, **Grooves** 6



231113 Pulley

Replacing: a679c13870, a679c08870

Servicing: A002T09591, A2T09591

OD 55.00, **Bore dia.** 15.00, **Dist./ back** 10.44, **Width** 32.00, **Depth** 17.00, **Pulley type** SP, **Grooves** 5



231119 Pulley

Replacing: a630x92670, a630x88470

Servicing: A002T82491B, A002TA4092A, A002TA4092B, A002TB0491, A002TB0491A, A002TB3691, A002TB3691KD, A002TB3891, A002TB3891KD

OD 64.50, **Bore dia.** 17.00, **Dist./ back** 11.50, **Width** 30.50, **Depth** 15.00, **Pulley type** SP, **Grooves** 6

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231284 Pulley

Servicing: A002T13391, A002T13391D, A002T13391E, A004T00891, A004T00891C, A004T00891D, A004T00891E, A004T00991, A004T00991B

OD 56.50, **Bore dia.** 17.00, **Dist./ back** 7.00, **Width** 24.00, **Depth** 13.00, **Pulley type** SP, **Grooves** 5



231671 Pulley

Replacing: a629x52270

Servicing: A003TA2799, A003TA2799A, A003TA4399, A3TA2799, A3TA2799A, A3TA4399

OD 88.00, **Bore dia.** 17.00, **Dist./ back** 10.85, **Width** 37.50, **Depth** 22.00, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



231672 Pulley

Replacing: md618817, a630c83470

Servicing: A003T14491, A003TA0791, A003TA0791A, A003TA1191, A003TA1191A, A3T11591, A3T13091, A3T13291, A3T13291A, A3T13291B

OD 65.00, **Bore dia.** 17.00, **Dist./ back** 7.00, **Width** 23.50, **Depth** 11.50, **Pulley type** SP, **Grooves** 5



232155# Pulley

Servicing: A004T00796, A4T00796

OD 54.50, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 38.50, **Depth** 28.00, **Pulley type** SP, **Grooves** 8



232334 Pulley

Servicing: A002T37691, A002T37691A, A004T02891, A004T02891A, A004T02891B, a2t37691, A2T37691A, A4T02891, A4T02891A, A4T02891B

OD 56.00, **Bore dia.** 17.00, **Dist./ back** 8.00, **Width** 29.50, **Depth** 17.80, **Pulley type** SP, **Grooves** 6



232354 Pulley

Replacing: a629x53870

Servicing: A002TN1798, A002TN1798A, A002TN1798AT, A002TN1798ZT, A2TN1798, A2TN1798A, A2TN1798AT, A2TN1798ZT, MD340419, MD366052

OD 72.00, **Bore dia.** 17.00, **Dist./ back** 7.80, **Width** 36.20, **Depth** 21.20, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



233538 Pulley

Servicing: A002TA1994, A002TA1994B, A002TA1994C, A002TA1994D, A002TA2094, A002TA2094B, A002TA2094C, A002TA2094D, A002TB4391

OD 63.70, **Bore dia.** 17.00, **Dist./ back** 11.10, **Width** 34.20, **Depth** 19.20, **Pulley type** SP, **Grooves** 6



233610 Pulley

Replacing: a679c04970

Servicing: A005T00192, A005T03092, A005T03192, a5t00192, a5t03092, a5t03192

OD 59.60, **Bore dia.** 15.00, **Dist./ back** 10.50, **Width** 23.30, **Depth** 7.45, **Pulley type** SP, **Grooves** 4



234028 Pulley

Replacing: a629x50270

Servicing: A003T08699, A003T08799, A003T09199, A003T09698, A003T09699, A003T09799, A003TA8199, A003TB1299, A3T08699, A3T08799

OD 84.00, **Bore dia.** 17.00, **Dist./ back** 7.00, **Width** 34.00, **Depth** 19.00, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



234029 Pulley

Replacing: a629x54670

Servicing: A002TB1298, A002TB1299, A2TB1298, A2TB1299

OD 91.90, **Bore dia.** 17.00, **Dist./ back** 7.70, **Width** 36.80, **Depth** 22.50, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



234096 Pulley

Replacing: a628x65570, a628x64770

Servicing: A002T37976, A002T38676, A002TN0076, A002TN0076A, A002TN2476, A002TN2476A, A2T37976, A2T38676, A2TN0076, A2TN0076A

OD 78.70, **Bore dia.** 17.00, **Dist./ back** 5.70, **Width** 19.50, **Depth** 5.50, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



234116# Pulley

Replacing: a630x92570

Servicing: A002TB3191, A002TB3191A, A003TB0091, A003TG0191, A2T38091, A2TB3191, A2TB3191A, a2tb4291, a2tb6891, a2tb7291, a2tg0091

OD 59.50, **Bore dia.** 17.00, **Dist./ back** 11.00, **Width** 31.00, **Depth** 15.00, **Pulley type** SP, **Grooves** 6

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#Available while stock last, * Program development.



234155[#] Pulley

Servicing: A004TA0094, A004TA0094A, A004TA0094B, A004TA0094C, A4TA0094, A4TA0094A, a4ta0094b, A4TA0094C

OD 62.50, **Bore dia.** 17.00, **Dist./ back** 11.00, **Width** 33.00, **Depth** 17.00, **Pulley type** SP, **Grooves** 6



234897 Pulley

Replacing: md618930, a630x83870

Servicing: A002TA4991, A002TA5391, A002TA5391ZT, A002TB0892, A002TB5491, A002TB5791ZC, A003TA5491, A003TA5492, A003TA7791

OD 59.00, **Bore dia.** 17.00, **Dist./ back** 11.50, **Width** 23.50, **Depth** 7.50, **Pulley type** SP, **Grooves** 4



235039 Pulley

Servicing: A001TA2291, A001TA2293, A1TA2291, a1ta2293

OD 59.40, **Bore dia.** 17.00, **Dist./ back** 11.55, **Width** 27.30, **Depth** 12.00, **Pulley type** SP, **Grooves** 3



235228 Pulley

Servicing: A001TA3392, A001TA3392A, A001TA3392C, A003TG1391, A003TG1391A, A005TA6292C, A005TA6292F, A005TA6292G, A005TA6292ZE

OD 49.00, **Bore dia.** 17.00, **Dist./ back** 11.40, **Width** 30.30, **Depth** 15.30, **Pulley type** SP, **Grooves** 6



238486 Pulley

Replacing: A630X94870

Servicing: A002TC0091, A002TG1391, A002TJ0391, A002TJ0391A, A002TJ0391B, A002TJ0391C, A003TG0081, A003TG0081A, A003TG0091

OD 55.00, **Bore dia.** 17.00, **Dist./ back** 12.40, **Width** 30.50, **Depth** 15.00, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6



331554 Pulley

Replacing: a630x89870

Servicing: A005TB0391, A005TG0291, a1ta4091, A5TB0391, a5tb0691, a5tg0291

OD 54.80, **Bore dia.** 17.00, **Dist./ back** 11.50, **Width** 27.20, **Depth** 11.80, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 5



332011 Pulley

Servicing: A004TA0592, A004TA0594, A004TA8291, A004TA8292, a4ta0592, a4ta0594, A4TA8291, A4TA8292

OD 68.90, **Bore dia.** 17.00, **Dist./ back** 6.80, **Width** 47.90, **Depth** 36.30, **Pulley type** SP, **Grooves** 12

Freewheel Pulleys



230308[#] Freewheel Pulley

Replacing: a638x91171, a628x91171

Servicing: A003TB1081, A3TB1081

Thread size M16-1.50, **OD** 59.60, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 37.00, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



230309 Freewheel Pulley

Replacing: a660c300ex

Servicing: A002TB6481, A002TC0981, a2tb6481, a2tc0981, A2TC0982

Thread size M16-1.50, **OD** 55.50, **Bore dia.** 17.00, **Dist./ back** 1.00/4.5, **Width** 37.25/40.75, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843.

Alternative no.: 333026, B333026



234867 Freewheel Pulley

Replacing: a628x91371

Servicing: A3TB1081A

Thread size M17-1.50, **OD** 59.60, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 36.90, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

All measurements are in mm, unless else stated.
[#]Available while stock last, * Program development.

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235071 Freewheel Pulley

Replacing: a628x91871

Servicing: A003TA6581, A003TA6581A, A003TA6581KD, A003TB0681, A3TA6581, A3TA6581A, A3TA6581KD, A3TB0681

Thread size M17-1.50, **OD** 82.00, **Bore dia.** 17.00, **Width** 34.20, **Rotation** CR, **Belt type** Single, **Pulley type** P/FW, **Grooves** 1



235424 Freewheel Pulley

Replacing: a628x92171

Servicing: A003TG0081, A003TG0081A, A3TG0081, A3TG0081A, A3TG0081B, a3tg2881

Thread size M17-1.50, **OD** 55.65, **Bore dia.** 17.00, **Dist./ back** 3.75, **Width** 36.55, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



235801 Freewheel Pulley

Servicing: A005TG0881ZE, A5TG0881, a5t-g0881ze, A5TG0881ZEA, A5TG0881ZEB

Thread size M17-1.50, **OD** 49.40, **Bore dia.** 17.00, **Dist./ back** 4.60, **Width** 41.80, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6



235873 Freewheel Pulley HC-CARGO

Thread size M16-1.50, **OD** 53.00, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 36.50, **Depth** 17.30, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Alternative no.: 333463 5★



235877 Freewheel Pulley

Replacing: a628x93171

Servicing: A003TN2581, A003TN2581A, a3tn2581, a3tn2581a

Thread size M17-1.50, **OD** 58.00, **Bore dia.** 17.00, **Dist./ back** 14.70, **Width** 49.20, **Depth** 26.40, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** FW, **Grooves** 6



238068 Freewheel Pulley

Replacing: F236001

Servicing: A003TB4981, A003TB6581, A3TB4981, A3TB6581

Thread size M17-1.50, **OD** 59.60, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 39.00, **Pulley type** SP/FW, **Grooves** 8

Pulley tool: HC-CARGO 210843.

Alternative no.: 332313



330240 Freewheel Pulley

Servicing: A004TJ0084, A004TJ0084A, A004TJ0084B, A004TJ0084C, A4TJ0084, A4TJ0084A, a4tj0084b, A4TJ0084C

Thread size M17-1.50, **OD** 54.30, **Bore dia.** 17.00, **Dist./ back** 6.30, **Width** 38.25, **Pulley type** SP/FW, **Grooves** 6



330339 Freewheel Pulley

Servicing: A002TC0982

Thread size M16-1.50, **OD** 55.00, **Bore dia.** 17.00, **Dist./ back** 11.00, **Width** 44.70, **Pulley type** SP/FW, **Grooves** 6



330341 Freewheel Pulley

Replacing: A252C564FE

Servicing: A003TJ0781, A3TJ0781

Thread size M17-1.50, **OD** 64.74, **Bore dia.** 17.00, **Dist./ back** 4.34, **Width** 39.32, **Pulley type** SP/FW, **Grooves** 7



330516 Freewheel Pulley

Replacing: A252C55875

Servicing: A003TJ2481, A003TJ2481ZE, A004TJ0282, A3TJ2481, a3tj2481ze, a4tj0282

Thread size M17-1.50, **OD** 49.10, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 38.20, **Depth** 2.26, **Pulley type** SP/FW, **Grooves** 7



332313 Freewheel Pulley HC-CARGO

Replacing: F236001

Servicing: A003TB4981, A003TB6581, A3TB4981, A3TB6581

Thread size M17-1.50, **OD** 59.50, **Bore dia.** 17.00, **Dist./ back** 3.80, **Width** 42.50, **Pulley type** SP/FW, **Grooves** 8

Pulley tool: HC-CARGO 210843.

Alternative no.: 238068



333065 Freewheel Pulley

Thread size M16-1.50, **OD** 49.80, **Bore dia.** 17.00, **Dist./ back** 4.30, **Width** 39.80, **Depth** 17.00, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6

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333067 Freewheel Pulley

Replacing: a628x92371

Servicing: A003TN2481A, a3tn2481a

Thread size M15-1.50, **OD** 68.00, **Bore dia.** 17.00, **Height** 34.50, **Dist./ back** 1.50, **Width** 26.00, **Depth** 25.00, **Rotation** ACR, **Belt type** Multi Belt, **Pulley type** FW, **Grooves** 6



333081 Freewheel Pulley

Thread size M17-1.50, **OD** 55.00, **Bore dia.** 17.00, **Dist./ back** 4.40, **Width** 42.20, **Depth** 17.62, **Pulley type** SP/FW, **Grooves** 6



333463 5★ Freewheel pulley OAD

Manufacturer: Litens

Thread size M17-1.50, **OD** 53.00, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 49.00, **Depth** 17.40, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6

Alternative no.: 235873

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333468* Freewheel Pulley

Pulley Parts

Spacers

Pkg. 5



136238 Spacer for Pulley

ID 17.00, **OD** 22.00, **Height** 9.00

Pkg. 5



233341 Spacer for Pulley

ID 15.00, **OD** 47.00, **Thickness** 14.00, **Material** Steel

Pulley: HC-CARGO 132835, 133345.

Tools



210843 Combi Tool

Replacing: 210843

Servicing: Bosch Alternators

33 teeth combi tool for the disassembly and assembly of the free wheel pulley. XZN 10x110 mm, w/ 1/2" socket and 22 mm hexagon.



210948 Combi Tool

Replacing: 210948

Servicing: Audi, VW, MB, SEAT, Skoda

33 teeth combi tool for the disassembly and assembly of the free wheel pulley, XZN 10x135 mm, w/ 1/2" socket and 22 mm hexagon.

Vacuum Pumps



230136 Vacuum Pump

Replacing: md611493, md611489, a595t04070, a595t03970

Servicing: A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T02084, A002T06384, A002T09884, A002T10083, A003T00599

Splines/ rotor 8, **Splines/ shaft** 8



231313# Vacuum Pump

Replacing: md611852, a595t05970, a595t05870

Servicing: A002T14376, A002T14876, A2T14376, a2t14876, MD127087, MD132130

Splines/ rotor 8, **Splines/ shaft** 8



231438 Vacuum Pump

Replacing: md619007, md618922, a595x30470, a595x30170

Servicing: A002T82899, A002T82899A, A002T82899AT, A002T82899ZT, A002TN0299, A002TN0499, A002TN0499AT, A002TN0499ZT, A002TN1199

Splines/ rotor 8, **Splines/ shaft** 8



231439 Vacuum Pump

Replacing: md619043, a595x20570

Servicing: A002T81499, A002TN0399, A003TN0399, A2T81499, A2TN0399, A3TN0399, MD304129, MD306648, MD313942

Splines/ rotor 8, **Splines/ shaft** 8

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231492 Vacuum Pump

Replacing: a595x09770, a595t03170, a595t01570, a595t01470, a595t00870, a595t00170

Servicing: A002T27477, A002T27477A, A002T32077, A002T40484, A002T43183, A002T43583, A005T15684, A005T15784, A005T15884, A005T16084

Splines/ rotor 8, **Splines/ shaft** 8



232232# Vacuum Pump

Replacing: a595t05770

Servicing: A003T03099, A3T03099

Splines/ rotor 8, **Splines/ shaft** 8



232427 Vacuum Pump

Replacing: a595t07470

Servicing: A002T17783, A002T27883, A003T04999, A003T06099, A003T07483, A003T08183, A2T17783, A2T27883, A3T04999, A3T06099

Splines/ rotor 8, **Splines/ shaft** 8



235037 Vacuum Pump

Servicing: 3ATN1791, A003TN1791, a3tn1791

Splines/ rotor 8, **Splines/ shaft** 8

Vacuum Pump Parts

Rotors



136685 Rotor for Vacuum Pump

Replacing: me700957, a882c90970, a882c90901

Servicing: A002T17783, A002T27883, A002T72383, A002T82899, A002T82899A, A002T82899AT, A002T82899ZT, A002T0299, A002TN0499

OD 58.80, **Height** 33.00, **No./ splines** 8
Vane set: HC-CARGO 133962.



136686 Rotor for Vacuum Pump

Replacing: md607625, a882c90101

Servicing: A001T32084, A001T33076, A001T33576, A001T70676, A001T71076, A001T71176, A001T71276, A002T27477, A002T32277, A002T40484

OD 48.80, **Height** 24.10, **No./ splines** 8
Vane set: HC-CARGO 133585.



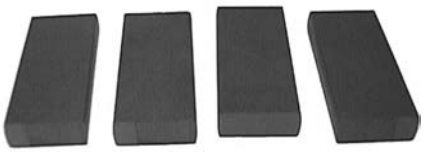
136687 Rotor for Vacuum Pump

Replacing: me700565, a882c91101, a882c90501

Servicing: A002T01077, A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T01976, A002T02084, A002T06384, A002T07677

OD 48.80, **Height** 28.00, **No./ splines** 8
Vane set: HC-CARGO 133280.

Vane Sets



133280 Vane Set

Replacing: md607505, a990d01101, a990d00101

Servicing: A002T01077, A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T01976, A002T02084, A002T06384, A002T07677

Length 28.00, **Height** 5.00, **Width** 12.60



133585 Vane Set

Replacing: md607626, a990d01401

Servicing: A001T32084, A001T33076, A001T33576, A001T70676, A001T71076, A001T71176, A001T71276, A002T27477, A002T32077, A002T32277

Length 24.00, **Height** 5.00, **Width** 15.10



133962 Vane Set

Replacing: me700944, md619432, a990d01970, a990d01901, a990d01570, a990d01501

Servicing: A002T17783, A002T27883, A002T72383, A002T82899, A002T82899A, A002T82899AT, A002T82899ZT, A002TN0299, A002TN0499

Length 33.00, **Height** 4.90, **Width** 17.60

Various



135132 Valve Set

Replacing: a584x04371

Servicing: A002T01077, A002T07677, A002T07777, A002T18476, A002T28976, A002T32277, A2T01077, A2T07677, A2T07777, A2T18476

Thread size M18-1.50, **Length** 36.40, **Thread length** 6.85
Rubber seal: HC-CARGO 231522.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



135133[#] Valve Set

Replacing: a584x01970

Servicing: A002T41599, A002T41599A, A002T41599B, A002T47299, A2T08799, A2T41599, A2T41599A, A2T41599B, A2T47299

Thread size M18-1.50, **Length** 36.45, **Thread length** 6.45

Rubber seal: HC-CARGO 231522.



135134 Valve Set

Replacing: md607876, md607753, a584x05471, a584x05071, a584x02671, a584c03071

Servicing: A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T01976, A002T02084, A002T06384, A002T09884, A002T10083

Thread size M18-1.50, **Length** 35.95

Rubber seal: HC-CARGO 231522.



136663 Hollow Screw

Replacing: me700955, a584x04971

Servicing: A002T72383, A002T72483, A003T76182, A003T76682, A005T70178, A005T70183, A005T70283, A2T72378, A2T72383, A2T72483

Thread size M18-20.00, **Length** 34.65

Pkg. 10



137046 Valve

Replacing: a361x05271

Servicing: A001T32084, A001T33076, A001T33576, A001T70676, A001T71076, A001T71176, A002T01077, A002T07677, A002T07777, A002T18476

Thread size M10-1.25/M12-1.50, **Total length** 26.00, **Thread length** 9.10/9.40

Sundry Parts

Insulators

Pkg. 10



132783 Insulator

Replacing: md604303

ID 5.00, **Height** 13.50

Pkg. 10



134671 Insulator

Servicing: A001T03191, A001T03191ZC, A001T03195ZC, A001T03274, A001T03292, A001T03391, A001T03392, A001T03791, A001T03792

ID 6.00, **OD** 21.70, **Height** 7.90

Pkg. 5



135273 Insulator

Replacing: md619213, md618673

ID 6.00, **Height** 20.40

Pkg. 10



135311 Insulator

Servicing: A002T13391C, A002T13391D, A002T13391E, A002T17491, A002T37691, A002T37691A, A002TA0291, A002TA0291B, A002TA0291C

Pkg. 10



135312 Insulator

Servicing: A002T13391C, A002T13391D, A002T13391E, A002T17491, A002T37691, A002T37691A, A002TA0291, A002TA0291B, A002TA0291C

ID 5.40, **OD** 25.00, **Height** 21.25

Pkg. 5



233305 Insulator

Servicing: A001T03476, A001T22581, A001T23377, A001T25077, A001T25083, A001T25097, A001T31374, A001T31377, A001T31685, A001T31699

Part of terminal kit: HC-CARGO 231316.

Pkg. 5



233306 Insulator

Servicing: A001T03476, A001T23377, A001T25077, A001T25083, A001T31374, A001T32471, A001T33277, A001T70783, A002T23477, A002T24371

ID 6.00

Part of terminal kit: HC-CARGO 137843.

Pkg. 5



233307 Insulator

Servicing: A002T81192, A002T81292, A002TA3791, A002TB1491, A003T14292, A003TB2491ZC, a2t81192, a2t81292, a2ta3791, a2tb1491

I.D. 6.00 mm.

Terminals

Pkg. 5



133092 Terminal Switch

Replacing: a450x16371

Servicing: A002T04474, A002T06274, A002T07371, A002T07474, A002T13471, A002T13571, A002T43671, A002T46871, A002T46871A, A002T47371

Thread size M5, **Total length** 50.80, **Thread length** 11.55

Pkg. 5



133093 Terminal Switch

Replacing: a450x23371, a450x19371, a450x19271, a450x17471

Servicing: A001T01591, A001T02471, A001T40191, A002T02394, A002T02394B, A002T04474, A002T05772, A002T05772X, A002T06274

Thread size M6, **Total length** 52.00

Pkg. 5



133560# Terminal

Servicing: A002T25171, A002T26172, A002T41191, a2t25171, a2t26172, a2t41191

Total length 37.35



135371 Terminal Kit

Replacing: a450x21371, a450t21371

Servicing: A003T08491, A003T08491A, A003T08491C, A003T08491ZC, A3T08491, A3T08491A, A3T08491C, A3T08491ZC

Thread size M8, **Total length** 92.00, **Thread length** 14.85

Pkg. 5



135880 Terminal Block

Servicing: A002T14591, A002T14592, A002T28792, A002T32692, A002T81891, A002TA2292, A002TA2392, A002TA2492, A002TA2591, A2T14591

ID/ mount. hole 6.10, **Length** 108.00, **Height** 22.85

B+ M6.



136421 Terminal Kit

Replacing: a450x21871

Servicing: A002T33191, A002T33191A, A002T33191ZC, A002TB0191, A002TB0191A, A002TB0191B, A002TB7191, A002TB7791, A003TB0991

Thread size M8, **Total length** 90.00, **Thread length** 15.10

Pkg. 10



136550 Terminal Switch

Replacing: a450x22671

Servicing: A002T36478, A002T82091, A002TN0678, A005TA2591, A005TA4391, A005TA6591, A2T36478, A2T82091, A2TN0678, A2TN0684

Thread size M6, **Total length** 54.00, **Thread length** 10.95

B+.



136551 Terminal Switch

Replacing: a450x17871

Servicing: A001T01691, A001T02091, A001T02191, A001T02291, A001T04691, A001T04791, A001T04892, A003T01871, A003T01872, A003T01877

Thread size M6, **Total length** 51.00, **Thread length** 11.75

B+.



137209 Terminal Switch

Replacing: a450x17571

Servicing: A001T01591, A001T02091, A001T02191, A001T02291, A001T02292ZC, A001T04691, A001T04791, A001T04892, A001T04892ZC

Thread size M6, **Total length** 50.50, **Thread length** 11.35

B+.



137842 Terminal Kit

Replacing: a450x16271

Servicing: A002T48292, A002T48298, A2T48292, A2T48298

Thread size M6, **Total length** 60.00, **Thread length** 11.90

Terminal: HC-CARGO 133251.



137843 Terminal Kit

Replacing: md611483, md611431, a450x20871, a450x16871

Servicing: A002T02271, A002T02471, A002T02572, A002T02577, A002T02671, A002T02771, A002T02871, A002T02977, A002T03171, A002T03177

Thread size M6, **Total length** 46.50, **Thread length** 28.50

B+ insulator: HC-CARGO 233306.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.



138629 Terminal Kit

Replacing: a450x20771

Servicing: A002T35791, A002T35791A, A004T01693, A2T35791, A2T35791A, A3T09591, A4T01693, A4T02691, A4T02691A

Thread size M8, **Total length** 55.00

B+.



139189 Terminal Kit

Replacing: a450x23471

Servicing: A002T39291, A002T39391, A002T39391A, A002T80391, A002T83491, A002T83491A, A002TA1191, A002TA3991, A002TA5891

Pkg. 10



139190 Terminal Kit

Replacing: a450x23671

Servicing: A002T82191, A002T82491, A002T82491A, A002T82491B, A002TA0491, A002TA4091, A002TA4091A, A002TA4092A, A002TA4092B

Thread size M8, **Total length** 55.00, **Thread length** 14.95



139364 Terminal Block

Servicing: A002TA1991, A002TA1991D, A002TA1991F, A002TA1994, A002TA1994B, A002TA1994C, A002TA1994D, A002TA2091, A002TA2091D

ID/ mount. hole 6.30, **Length** 138.00

B+ M8.



231316 Terminal Kit

Replacing: a450x11071, a450x09371

Servicing: A001T03476, A001T23377, A001T25077, A001T25083, A001T25097, A001T31374, A001T31377, A001T31685, A001T31699, A001T32471

B+ insulator: HC-CARGO 233305.



231499# Terminal Kit

Replacing: a450x16471, a450x11671

Servicing: A001T32084, A001T32176, A001T33076, A001T33576, A001T70676, A001T71076, A001T71176, A001T71276, A002T07677, A002T07777



232464 Terminal Block

Servicing: A003TA5591, A003TA5591A, A3TA5591, A3TA5591A

ID/ mount. hole 6.40, **Length** 119.70, **Height** 28.65



233823 Terminal Block

Servicing: A002TB2191, A002TB2291A, A002TB4791, A002TB4791A, A002TB4791B, A002TB4891A, A002TB4891B, A002TB4891C, A002TB4891D

ID/ mount. hole 6.50, **Length** 137.00, **Height** 28.70

B+ M8. D+ M5.



234069 Terminal Block

Servicing: A001TA3391A, A001TA3391B, A001TA3391C, A001TA3392, A005TA6291, A005TA6291A, A005TA6291B, A005TA6291C, A005TA6291D

ID/ mount. hole 6.50, **Length** 135.55, **Type** Single

B+ M8.



234110 Terminal Block

Servicing: A003TA6491, A003TA6491A, A003TB0891, A003TB0891A, A003TB0891B, A003TB0891C, A3TA6491, A3TA6491A, a3tb0891, A3TB0891A

ID/ mount. hole 6.50, **Length** 137.00, **Height** 28.70

B+ M8. D+ M5.

Pkg. 5



234641 Terminal Switch

Servicing: A002T43472, A003T03099, A005TA7792, a2t43472, A3T03099, A3TA0399, A5TA7792

Thread size M6, **Total length** 52.00, **Thread length** 10.75



235048 Terminal Block

Servicing: A004TF0091A, A004TF0091B, a4tf0091a, a4tf0091b

B+ M8. D+ M5.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



235298 Terminal Block

Servicing: A-PC303-05, A003TB2691, A003TB2691C, A003TB2691D, A003TB2691E, A003TB2691F, A003TB2691G, A003TG1891, A003TG3691

ID/ mount. hole 6.50, **Length** 150.60, **Height** 28.58, **Type** Single, **Mount.** Screw, **No./ poles** 1

Terminal Plugs



133252 Plug

Pkg. 5



134719 Repair Plug



134996 Coupler

Plug Adaptor
2P-2P Coupler.



134999 Coupler



135000 Coupler

4P-3P coupler.



135230 Plug Extension

Colour Green/yellow, **No./ wires** 2

Pkg. 5



232778 Conversion Plug

Servicing: A002T25081, A002T26072, A002T26172, A2T25081, A2T26072, A2T26172

Plug Male
w/ wire.

Thru Bolts

Pkg. 20



191584 Through Bolt

Replacing: m981s70101

Servicing: M001T60081, M001T60181, M001T60281, M001T60285, M001T60285A, M001T60381, M001T60581, M001T61181, M001T70283

Thread M5, **Length** 125.00, **Thread length** 60.00, **Head type** Cheese head, **Screw type** Pozidriv

Pkg. 20



191585 Through Bolt

Replacing: m981d73205

Servicing: M001T84381ZC, M001T85781, M001T87081, M002T10171, M002T20181, M002T20181A, M002T40081, M003T34781, M003T34782

Thread size M5, **Total length** 138.70, **Length/ rear collar** 134.80, **Thread length** 61.2

Pkg. 4



230731 Through Bolt

Replacing: a414x19271

Servicing: A001T01791, A001T02871, A001T02991, A001T03191, A001T03672, A001T03872, A001T03972, A001T04172, A001T04495, A001T06471A

Thread size M5, **Total length** 65.00, **Length/ rear collar** 59.80, **Thread length** 22.15
Alternative no.: B230731

Screws



138868 Screw Set

Replacing: md611558, a414x19371, a414x18371

Servicing: 1800A052, 1800A053, 1800A070, A-PC303-05, A000T25171, A000T25271, A000T25371, A000T25373, A001T01791, A001T02991

Thread M5, **Total length** 18.75, **Thread length** 14.75

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Pkg. 200



191586 Machine Screw

Replacing: a414x24671, a414x24271

Servicing: A002TJ0291ZE, A002TJ0391, A002TJ0391A, A002TJ0391B, A002TJ0391C, A003TJ0781, A003TJ1181, A003TJ2481, A004TF0091A

Thread M4, **Length** 6.00, **Head type** Pan head, **Screw type** Pozidriv, **DIN norm** 7985, **ISO norm** 7045

Nuts

Pkg. 10



138194 Nut Set B+

Replacing: md611480, a529x10871, a529x07676, a529x07671

Servicing: A002T01077, A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T02084, A002T06384, A002T07677, A002T07777

Dim. M6



138626 Nut Set B+

Replacing: md618807, a529x08971

Servicing: A001TA2291, A001TA2293, A002T18177, A002T18277, A002T37976, A002T38391, A002T38391ZC, A002T38676, A002T80591

Thread M8, **OD** 11.85, **Lock nut** No



138869 Nut Kit

Replacing: md618749, a529x10571

Servicing: A001T06391, A002T37976, A002T81499, A002T82899, A002T82899A, A002TA0091, A002TA0291, A002TA0491, A002TA1099A

Thread M8, **OD** 17.85, **Lock nut** No



138912 Terminal Nut Set

Replacing: a529x06471

Servicing: A002T04377, A002T04577, A002T04598, A002T04599, A002T04677, A002T05892, A002T05892A, A002T05892B, A002T05892ZC

Thread M6, **OD** 13.80, **Lock nut** No



231500 Nut Set

Replacing: a529x06071

Servicing: A001T32084, A001T32176, A001T33076, A001T33576, A001T70676, A001T71076, A001T71176, A001T71276, A002T01976, A002T27477

Thread M5, **OD** 11.80, **Lock nut** No



231501 Nut Set

Replacing: a529x11371

Servicing: 1800A052, 1800A053, 1800A070, A002T82191C, A002TA2991, A002TA7191, A002TA7191A, A002TB0591A, A003TA2799, A003TA2799A

Thread M8, **Spanner size** 12.00, **OD** 15.80, **Lock nut** No

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Pkg. 5



234572 Nut Set B+

Servicing: A002TB6481, A002TC0981, a2tb6481, a2tc0981

Thread M8

Oil Seals



132662 Oil Seal Kit

Replacing: me700547, md619244, a351x90971, a351x90571

Servicing: A002T01077, A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T01976, A002T02084, A002T06384, A002T07677

ID 14.80, **OD** 30.00, **Height** 5.00



132663 Oil Seal Kit

Replacing: a351x90471

Servicing: A001T32084, A001T32176, A001T33076, A001T33576, A001T70676, A001T71076, A001T71176, A001T71276, A002T27477, A002T27477A

ID 11.50/11.50, **OD** 25.40/25.40, **Height** 4.50/5.00



132664 Oil Seal Kit

Replacing: a351x90371

Servicing: A002T01077, A002T07677, A002T07777, A002T24884, A002T25377, A002T25578, A002T25584, A002T25598, A002T41599B, A003T32997

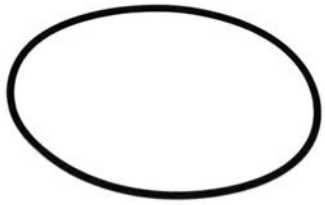
ID 14.00/14.00, **OD** 30.20/30.30, **Height** 5.00/4.50

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

O-rings

Pkg. 5



132659 O-ring

Replacing: s809p56470

Servicing: A001T32084, A001T33076, A001T33576, A001T70676, A001T71076, A001T71176, A001T71276, A002T24884, A002T25377, A002T25578

ID 61.00, **Thickness** 2.00, **Material** Synthetic rubber

Pkg. 5



132660 O-ring

Replacing: s809p60270

Servicing: A002T01077, A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T01976, A002T02084, A002T06384, A002T07677

ID 25.00, **Thickness** 2.00

Pkg. 5



133598 O-ring

Replacing: s809p60170, s809p59201, me700564

Servicing: A002T01077, A002T01384, A002T01483, A002T01583, A002T01683, A002T01783, A002T01976, A002T02084, A002T06384, A002T07677

ID 72.00, **Thickness** 2.00

Pkg. 10



134482 O-ring

Replacing: s809p58470, md607675

Servicing: A001T32084, A001T33076, A001T33576, A001T70676, A001T71076, A001T71176, A001T71276, A002T01384, A002T01483, A002T01583

ID 16.00, **Thickness** 2.50

Various

Pkg. 10



134768 Washer

ID 15.00, **OD** 22.00, **Thickness** 2.00, **Material** Fiber

Pkg. 10



231522 Rubber Seal

Servicing: a584x01970, a584x02671, a584x04371

ID 18.00, **OD** 21.00, **Thickness** 3.00

Pkg. 5



233340 Washer

ID 9.00, **OD** 22.25, **Thickness** 2.00, **Material** Steel

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

Rotors

14 Volt



131942 Rotor

Replacing: 512-073, 512-070, 512-066, 512-056, 512-054, 512-053, 512-052, 512-048, 512-039, 512-027, 512-026

Servicing: 2940090, 9AL2502K, 9AL2507G, 9AL2538K, 9AL2559G, 9AL2560G, 9AL2572K, 9AL2577G, 9AL2578G, 9AL2579G, 9AL2582K, 9AL2583K

14 **V**, 55 **Amp**, **Thread size** M14-1.50, **OD** 88.00, **Shaft dia.** 17.00, **Total length** 147.00, **Rotation** CR



131964 Rotor

Replacing: 512-081, 512-077

Servicing: 9AR2970, 9AR2973, 9AR2973G, 9AR2974, 9AR5044, 9AR5044K, 9AR5081, 9AR5084, 9AR5084L

14 **V**, 65 **Amp**, **Thread size** M14-1.50, **OD** 88.40, **Shaft dia.** 17.00, **Total length** 150.00, **Rotation** CR



137525 Rotor

Replacing: 512-082, 512-075, 512-057, 512-049, 512-045, 512-038, 512-037, 512-036, 512-029, 512-028, 512-019

Servicing: 2940080, 510-859, 9al2505p, 9AL2512P, 9AL2607P, 9AL2628P, 9AL2767P, 9AL2793P, 9AL2834K, 9AL2924K, 9AL2940K, 9AL2967P

14 **V**, 75 **Amp**, **Thread size** M16-1.50, **OD** 88.00, **Shaft dia.** 17.00, **Total length** 147.00



139743 Rotor

Replacing: 512-025

Servicing: 2940077, 9AR2671T, 9AR2674T, 9AR2731R, 9AR2753T, 9AR2754T, 9AR2795T, 9AR2796T, 9AR2874R, 9AR2938T, 9AR2991T, 9AR2995R

14 **V**, 90 **Amp**, **Thread size** M14-1.50, **OD** 88.40, **Shaft dia.** 17.00, **Total length** 152.00, **Rotation** CR

28 Volt



136583 Rotor

Replacing: 512-071, 512-015, 512-014

Servicing: 510-864, 9AL3580G, 9AL3581G, 9AL3586G, 9AL3776G, 9AL3911G, 9AL3925G, 9AL3926G, 9AL3955G, 9AL3956G, 9AL3985G, 9AL3986G

28 **V**, 40 **Amp**, **Thread size** M14-1.50, **OD** 88.50, **Shaft dia.** 17.00, **Total length** 147.00, **Rotation** CR

Rotor Parts

Slip Rings



131218 Slip Ring

Replacing: 512-003

Servicing: 2940060, 2940080, 9AL2538K, 9AL2590K, 9AL2615, 9AL2685K, 9AL2707L, 9AR2500K, 9AR2506K, 9AR2511F, 9AR2519F, 9AR2520K

ID 32.00, **OD** 19.00, **Total length** 22.50
Alternative no.: B131218



131219 Slip Ring

Replacing: 512-055

Servicing: 2541163, 9AL2696G, 9AL2708G, 9AR2636G, 9AR2652F, 9AR2662F, 9AR2687F, 9AR2687G, 9AR2700G, 9AR2707G, 9AR2708G, 9AR2720K

ID 26.00, **OD** 13.30, **Total length** 25.00
Alternative no.: B131219



131818 Slip Ring

Servicing: 2940080, 510-859, 510-864, 9AL2538K, 9AL2590K, 9AL2685K, 9AL2707L, 9AL5050K, 9AR2553, 9AR2566K, 9AR2605L, 9AR2621L

ID 17.00, **OD** 32.00, **Total length** 22.50
Alternative no.: B131818

Pkg. 5



133055 Slip Ring

Servicing: 2541163, 9AR2636G, 9AR2652F, 9AR2662F, 9AR2687F, 9AR2687G, 9AR2700G, 9AR2707G, 9AR2728F, 9AR2728G, 9AR2748G, 9AR2828G

ID 15.20, **OD** 26.60, **Total length** 31.60
Alternative no.: B133055

Pkg. 10



133925 Slip Ring

ID 19.00, **OD** 39.50, **Total length** 21.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



231400 Slip Ring

Servicing: 2541163, 9AL2696G, 9AR2636G, 9AR2652F, 9AR2662F, 9AR2687F, 9AR2687G, 9AR2700G, 9AR2707G, 9AR2728F, 9AR2728G, 9AR2843G

ID 13.30, **OD** 26.60, **Total length** 22.60



233220 Slip Ring

ID 18.90, **OD** 39.60, **Total length** 23.50

Pkg. 50



B131218 Slip Ring

ID 19.00, **OD** 32.00, **Total length** 22.50
Alternative no.: 131218

Spacers

Pkg. 5



139039# Spacer

Replacing: 520-061

Servicing: 9AR2636G, 9AR2687F, 9AR2687G, 9AR2728F, 9AR2728G, 9AR2759K, 9AR2759K01, 9AR2765, 9AR2784K, 9AR2785, 9AR2845, 9AR2846

ID 17.00, **OD** 25.00, **Height** 5.30

Stators

14 Volt



131980 Stator

Replacing: nb282, 592625, 513-025, 513-020, 513-019, 513-013, 513-003, 513-002, 513-001

Servicing: 2518032, 2518033, 2518099, 2541128, 2541148, 2541198, 2541290, 2940034, 2940080, 2940090, 2940119, 2940146, 2940148

14 **V**, 75 **Amp**, **ID** 89.00, **OD** 133.00, **OD 2** 127.00, **Height** 27.00, **Terminals** 3

Brackets

D.E. Brackets



138191 D.E. Bracket

Replacing: 514-004

Servicing: 510-020, 510-094, 510-108, 510-115, 510-123, 510-237, 510-255, 510-256, 9AL2615G, 9AR2500K, 9AR2506K, 9AR2511F

Bearing: HC-CARGO 142269.

Bracket Parts

Mounting Brackets



139582 Mounting Bracket

Replacing: 518-006

Servicing: 9AR2663K, 9AR2672P, 9AR2673K, 9AR2964, 9AR2964K

Mount hole 5.85,
ID 10.80, **Thickness** 4.10,
Dist. mount. holes 86.75

Mounting Bushings

Pkg. 10



333332 Mounting Bushing

ID 10.57, **OD** 17.52, **Length** 15.99
Washer w/ gasket.

Mounting Bushing Kits



131605 Mounting Bushing Kit

Servicing: 9al2505p, 9ar2730p, 9AR2731P, 9ar2872p

ID M10, **OD** 14.85, **OD/ collar** 24.95, **Length** 12.55, **Height/ collar** 2.45

Covers



131213# S.R.E. Cover

Replacing: 514-080

Servicing: 2541163, 9AL2708G, 9AR2636G, 9AR2652F, 9AR2700G, 9AR2707G, 9AR2708G, 9AR2726G, 9AR2727, 9AR2727G, 9AR2792G, 9AR2839



131617 S.R.E. Cover

Replacing: 514-115

Servicing: 510-859, 9AL5050K, 9AR2659G, 9AR2659K, 9AR2660K, 9AR2695K, 9AR2746P, 9AR2747P, 9AR2760K, 9AR2778K, 9AR2854P, 9AR2934K

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



132234[#] S.R.E. Cover

Replacing: 514-027

Servicing: 2940080, 9AL2615, 9AR2539K, 9AR2545K, 9AR2561K, 9AR2562K, 9AR2569G, 9AR2570G, 9AR2594G, 9AR2602F, 9AR2603F, 9AR2611F



132235 S.R.E. Cover

Replacing: 514-267

Servicing: 9AR2748K, 9AR2759K, 9AR2759K01, 9AR2759K02, 9AR2765, 9AR2784K, 9AR2785, 9AR2785K, 9AR2845, 9AR2846, 9AR2846K, 9AR2970G



134657 S.R.E. Cover

Replacing: 514-122, 514-012

Servicing: 9AL2505P, 9AL2628P, 9AL2885K, 9AR2671T, 9AR2674T, 9AR2730P, 9AR2753T, 9AR2754T, 9AR2795T, 9AR2796, 9AR2796T, 9AR2872P

Regulators

14 Volt



130017 Regulator

Replacing: 9rh7014, 505-046

15.2 **V setting**, **Dist. mount. holes** 89.00, **D+ type** Spade, **Regulator type** Electronic
Single phase.

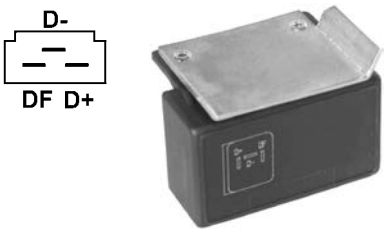


130613 Regulator

Replacing: 9rh7044, 9rh7029, 9rh7021, 505-053

Servicing: 9AL5004G, 9AL5050K, 9AL5051P

14.7 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic



130632 Regulator

Replacing: 9rh7015, 505-047

Servicing: 9AL2502K, 9AL2505P, 9AL2628P, 9AL2762G, 9AL2937K

14.4 **V setting**, **Dist. mount. holes** 68.00, **Regulator type** Electronic



130637 Regulator

Replacing: 9rc7037, 505-052

Servicing: ACR

14.5 **V setting**



130675 Regulator

Replacing: 505-043

Servicing: 9AL2615G, 9AL2618G, 9AL2658K, 9AL2688K, 9AL2689K, 9AL2834K, 9AL2940K, 9AL5002K

14.7 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic
Adjustable type: HC-CARGO 136325.



130676 Regulator

Replacing: 9rc7062, 505-055

Servicing: AA108

14.7 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic

Alternative no.: 333253 5★, B130676

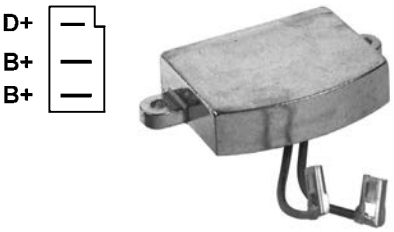


130679 Regulator

Replacing: 9rh7017, 9rh7016, 9rh7013, 505-049, 505-048, 505-045

Servicing: 9AL2507G, 9al2538k, 9al2540g, 9al2546g, 9al2559g, 9al2560g, 9al2572k, 9al2576g, 9al2577g, 9al2578g, 9al2579g, 9al2582k

14.5 **V setting**, **Dist. mount. holes** 78.00, **Regulator type** Electronic
Triple phase.

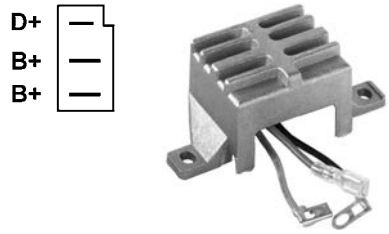


130849 Regulator

Replacing: 9rc7093, 9rc7073, 9rc7071, 9rc7065, 9rc7063, 9rc7059, 9rc7038, 9rc7036, 9rc7031, 9rc7028, 9rc7022

Servicing: 2541148, 2541198, 2541290, 2940034, 2940044, 2940077, 2940080, 2940119, 2940146, 2940148, 2940347, 2940349, 2940526

14.5 **V setting**, **Dist. mount. holes** 69.00

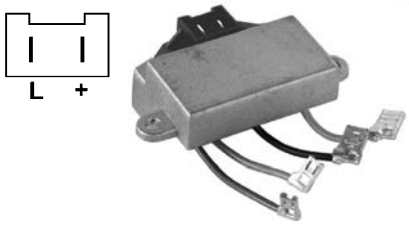


130974 Regulator

Replacing: 9rc7057, 9rc7056, 9rc7042, 9rc7041, 9rc7025, 9rc7024, 505032, 505-072, 505-069, 505-032, 505-031

Servicing: 2518071, 2541163, 2541164, 2940137, 2940138, 2940139, 2940140, 2940173, 2940861, 2941095, 9AL2708G, 9AR2610G, 9AR2627G

14.5 **V setting**, **Dist. mount. holes** 72.00



131066 Regulator

Replacing: 9rc7101, 9rc7030, 505-103, 505-026, 2522098

Servicing: 9AR2659K, 9AR2660K, 9AR2675K, 9AR2676K, 9AR2689K, 9AR2695K, 9AR2760K, 9AR2778K, 9AR2869K, 9ar2933p, 9AR2934K, 9AR2935

14.5 **V setting**, **Dist. mount. holes** 67.00



131175 Regulator

Replacing: 105-267

14.1 **V setting**, **Dist. mount. holes** 40.00
Adjustable voltage.



131224 Regulator

Replacing: 9rc7104, 9rc7088, 9rc2018, 592888, 592806, 505-105, 505-100, 2522939

Servicing: 2940359, 2940409, 9ar2970k, 9ar2971g, 9ar2972g, 9ar2973l, 9ar2974l, 9ar2975l, 9ar2976k, 9ar2977l, 9ar5044k, 9ar5046g

14.5 **V setting**, **Dist. mount. holes** 66.15, **Regulator type** Electronic

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132231 Regulator

Replacing: 9rc7080, 9rc7068, 9rc7051, 9rc7050, 505-089, 505-085, 505-074, 505-073

Servicing: 9AR2730P, 9AR2872P

14.5 **V setting**, **Dist. mount. holes** 68.00



132232 Regulator

Replacing: 9rc7102, 9rc7097, 505-106, 505-102

Servicing: 9AR2663K, 9AR2673K, 9AR2951, 9AR2951L, 9AR2964K, 9AR5006G, 9AR5033P, 9AR5097P

14.5 **V setting**, **Dist. mount. holes** 68.00



133664 Regulator

Servicing: 9AL2977, 9ar5044k, 9AR5099K

15 **V setting**, **Dist. mount. holes** 66.35
As HC-CARGO 131224.



133669 Regulator

Servicing: 2940077, 2940080, 9AR2500K, 9AR2501K, 9ar2506k, 9AR2510K, 9AR2511F, 9AR2512P, 9AR2513F, 9AR2514F, 9AR2515K, 9AR2516F

15 **V setting**, **Dist. mount. holes** 68.00

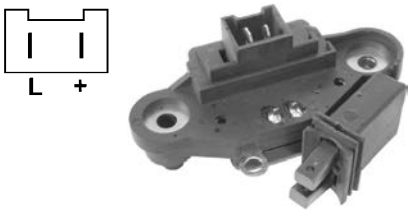


134475 Regulator

Replacing: 9rc6065, 9rc2054

14.7 **V setting**, **Dist. mount. holes** 61.00, **Regulator type** Electronic

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135513 Regulator

Replacing: 9rc2062

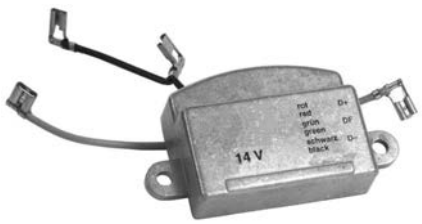
14.7 **V setting**, **Dist. mount. holes** 62.00, **Terminal type** L-IG



136546 Regulator

Replacing: 9rc6074

14.7 **V setting**, **Dist. mount. holes** 64.00, **D+ type** Screw, **Regulator type** Electronic, **Terminal type** I



231421 Regulator

Replacing: 9rc7054, 9rc7052, 505-038, 505-037

Servicing: 510-859, 9AR2732P, 9AR2733P, 9AR2734P, 9AR2735P, 9AR2736P, 9AR2737P, 9AR2738P, 9AR2741P, 9AR2742P, 9AR2744P, 9AR2745P

14.5 **V setting**, **Dist. mount. holes** 67.60

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Available while stock last, * Program development.



233640 Regulator

Replacing: 105-368

Servicing: 8SC2023Z

14.5 **V setting**, **Dist. mount. holes** 146.00



333253 5★ Regulator

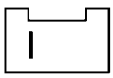
Manufacturer: Bosch

Replacing: 9rc7062

Servicing: AA108

14.7 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic
Alternative no.: 130676

28 Volt





130575 Regulator

Replacing: 9rc8085, 9rc8055, 9rc8046, 505-094, 505-039, 505-035

Servicing: 510-804, 510-864, 9AR3711G01, 9AR3711G02, 9AR3713, 9AR3713G, 9AR3739G, 9AR3743G, 9AR3790G, 9AR3791G, 9AR3855G, 9AR3894D

28.3 **V setting**, **Dist. mount. holes** 70.45, **D+ type** Spade



130592 Regulator

Replacing: 9rc8090, 505-059

28.3 **V setting**, **Dist. mount. holes** 66.00, **Regulator type** Electronic
Slip ring O.D. 32.00 mm.



130610 Regulator

Replacing: 9rh8043, 505-054

28.3 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic



130677 Regulator

Replacing: 9rh8092, 505-058

28.3 **V setting**, **Dist. mount. holes** 39.25, **Terminal type** D-DF-D+



130678 Regulator

Replacing: 9rh8091, 505-057

28.3 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic, **Terminal type** D-/DF/D+/L



130934 Regulator

Replacing: 9rc8072, 9rc8061, 9rc8027, 9rc8026, 505-084, 505-077, 505-021, 505-017, 505-013, 494500, 494498

Servicing: 290413, 290414, 290776, 2940060, 2940413, 2940414, 2940776, 9AR3599, 9AR3599G, 9AR3620, 9AR3620G, 9AR3631, 9AR3631L

28.3 **V setting**, **Dist. mount. holes** 68.50



131181 Regulator

Replacing: 8RL3024S

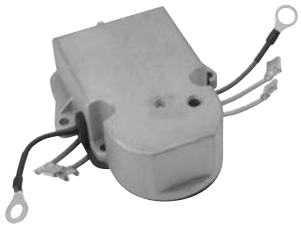
26.7-30.6 **V/ adjustable**, **Dist. mount. holes** 146.00, **Regulator type** Electronic
Adjustable voltage.



132970 Regulator

Replacing: 9rc8048

28.5 **V setting**, **Dist. mount. holes** 68.00

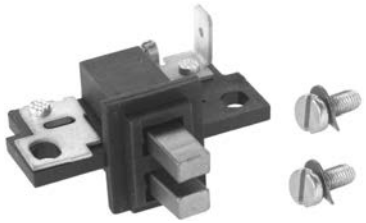


333047 Regulator

Replacing: 8RG3078S, 8rg3078c

Dist. mount. holes 75.50, **Regulator type** Electronic

Brush Boxes



130933 Brush Box

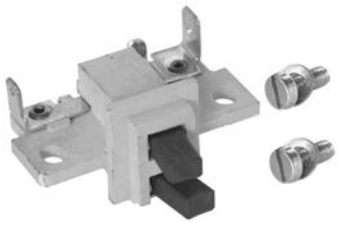
Replacing: 503-011, 503-005, 503-001, 501-016

Servicing: 2940080, 2940087, 9AL2502K, 9AL2615, 9AL2707L, 9al2969f, 9AR2501K, 9AR2510K, 9AR2511F, 9AR2512P, 9AR2515K, 9AR2516F

14 **V**, **OD** 44.80

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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130979 Brush Box

Replacing: 503025, 503-025, 503-012

Servicing: 2518099, 2940020, 2940208, 2940732, 2940733, 2940754, 2940925, 2940926, 2940928, 2941123, 2941389, 510-859, 510-864

28 **V**, **OD** 45.00



131060 Brush Box

Replacing: 503-007

Servicing: 9AL2633G, 9AL2666F, 9AL2696G, 9AL2762G, 9AL2765G, 9AL2774G, 9AL2817G

14 **V**, **OD** 37.60

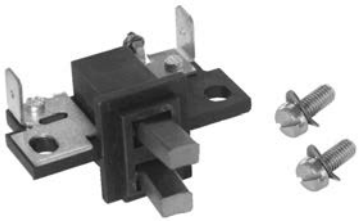


131092 Brush Box

Replacing: 503-020, 503-019, 503-014, 503-004

Servicing: 2940060, 2940077, 9al2688, 9AL3926G, 9AL3955G, 9AL3956G, 9AL5002K, 9AL5004G, 9AL5050K, 9AL5051P, 9AR2500K, 9AR2501K

14 **V**, **OD** 44.75



132317 Brush Box

Replacing: 503-024, 503-021, 503-010, 503-008, 494488

Servicing: 2541423, 2940090, 2940815, 2940817, 9al2615, 9AL2615G, 9al2618, 9AL2618G, 9AL2688K, 9AL2689K, 9AL2834K, 9AL2924K

14 **V**, **OD** 44.70

Brush Box Parts

Brush Sets



MX12 Brush Set

Replacing: mx12

Servicing: 9AR2786K, 9AR2826K, 9AR2851, 9AR2851K, 9AR2861K, 9AR2944K, 9AR5040K, 9AR5070K

14/28 **V**, **Length** 14.50, **Lead length** 48.50, **Height** 6.40, **Thickness** 4.50



SVX52 Brush Set

Replacing: svx52

Length 14.50, **Lead length** 48.55, **Height** 6.40, **Thickness** 4.50



SVX72 Brush Set

Replacing: 300821

Servicing: 2541163, 2940060, 2940080, 2940275, 2940356, 2940359, 2940409, 9AL2510, 9AL2538K, 9AL2590K, 9AL2595K, 9AL2615, 9AL2685K

12/24 **V**, **Length** 14.50, **Lead length** 50.00, **Height** 6.40, **Thickness** 4.60
Alternative no.: SV7



SVX92 Brush Set

Replacing: svx92

Length 16.00, **Lead length** 49.70, **Height** 6.40, **Thickness** 4.50

Rectifiers



130980 Rectifier

Replacing: 501-124, 501-123, 501-105, 501-058, 501-044, 501-029, 501-007, 501-006, 501-004, 2522165

Servicing: 2940080, 9AL2615, 9AL2615G, 9AL2688K, 9AL2689K, 9AL2834K, 9AR2512P, 9AR2533P, 9AR2539K, 9AR2545K, 9ar2561k, 9ar2562k

14 **V**, 35 **Amp/ diode**, **OD** 101.00, **No./ diodes** 6, **Capacitor** w/o

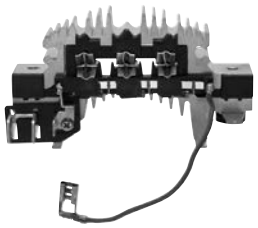


130981 Rectifier

Replacing: 501-063, 501-024, 494476

Servicing: 2518071, 2518098, 2541163, 2541164, 2541194, 2541195, 2541263, 2940137, 2940138, 2940139, 2940140, 2940930, 2941095

14 **V**, 35 **Amp/ diode**, **OD** 95.00, **Mount. dist.** 65.00, **No./ diodes** 6, **Capacitor** w/o



131135 Rectifier

Replacing: 501-111, 501-093, 501-076, 501-053, 501-009, 501-001

Servicing: 9AL2707L, 9AR2500K, 9AR2506K, 9AR2511F, 9AR2515K, 9AR2516F, 9AR2517K, 9AR2518F, 9AR2519F, 9AR2520K, 9AR2524F, 9AR2525K

35 **Amp/ diode**, **B+/ threaded** 9.40, **D+ threaded** 6.30, **OD** 100.00, **Mount. dist.** 80.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o

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Available while stock last, * Program development.

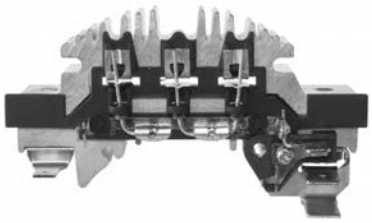


131565 Rectifier

Replacing: 501-119, 501-117, 501-113, 501-097, 501-079, 501-078, 501-066, 501-061, 501-034, 501-031

Servicing: 9AR2659K, 9AR2660K, 9AR2675K, 9AR2676K, 9AR2695K, 9AR2760K, 9AR2778K, 9AR2869K, 9AR2933P, 9AR2934K, 9AR2935, 9AR2935P

35 **Amp/ diode**, **OD** 101.00, **Mount. dist.** 53.00, **No./ diodes** 6, **Capacitor** w/o

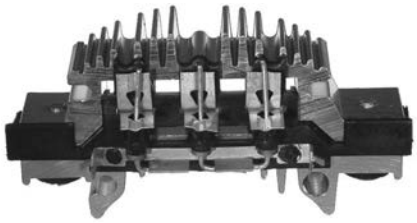


131566 Rectifier

Replacing: 501-092, 501-089, 501-030, 2522148

Servicing: 9AR2759K, 9AR2759K01, 9AR2759K02, 9AR2765, 9AR2784K, 9AR2785, 9AR2785K, 9AR2845, 9AR2846, 9AR2846K, 9AR2970G, 9ar2970k

35 **Amp/ diode**, **OD** 101.00, **Mount. dist.** 53.00, **No./ diodes** 6, **Capacitor** w/o

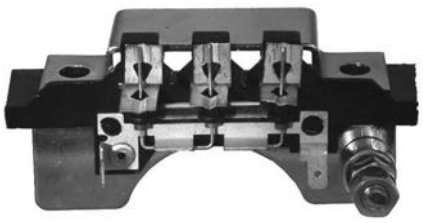


131698 Rectifier

Replacing: 592554, 501096, 501-118, 501-115, 501-114, 501-112, 501-108, 501-107, 501-102, 501-101, 501-100

Servicing: 2518032, 2518033, 2518073, 2518074, 2518099, 2541128, 2541129, 2541423, 2940020, 2940060, 2940090, 2940208, 2940275

35 **Amp/ diode**, **B+/ threaded** M6, **OD** 100.00, **Mount. dist.** 53.00, **No./ diodes** 6



131699 Rectifier

Replacing: 501-065, 501-055, 501-049, 501-046, 501-038, 501-037, 501-035

Servicing: 2940087, 9AL2696G, 9AL2762G, 9AL2765G, 9AL2817G, 9AL2969F, 9AR2641G, 9AR2642G, 9AR2662F, 9AR2682F, 9AR2687F, 9AR2687G

35 **Amp/ diode**, **B+/ threaded** M6, **OD** 95.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



131887# Rectifier

Replacing: 101-10

25 **Amp/ diode**, **B+/ threaded** 1/4" UNF/1-3/8", **OD** 89.00, **B+ type** Bolt, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o

Used w/ HC-CARGO 131888, 233244.

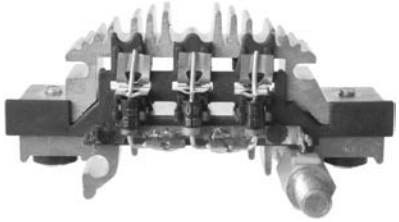


131892 Rectifier

Replacing: 101-113, 101-103

35 **Amp/ diode**, **OD** 89.00, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o

Used w/ HC-CARGO 131891, 131893, 233239, 233243.



132673 Rectifier

Replacing: 501-104, 501-011, 2522200

Servicing: 2941253, 9AR2512P, 9AR2533P, 9AR3802L, 9AR3825L, 9AR3835L, 9AR6035L, 9AR6053L, 9AR6057L, 9AR6058L

35 **Amp/ diode**, **B+/ threaded** M8/12.00, **OD** 101.00, **B+ type** Screw, **No./ diodes** 6



132938 Rectifier

Replacing: 2523321

35 **Amp/ diode**, **B+/ threaded** M8/18.00, **D+ threaded** M5/16.00, **ID** 46.00, **OD** 113.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



231736 Rectifier

Replacing: 259-0913

50 **Amp/ diode**, **B+/ threaded** M8/23.00, **OD** 107.00, **Mount. dist.** 80.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

Fans & Pulleys

Fans



133091 Fan

Replacing: 590553

Servicing: 2541423, 2940754, 2940793, 2940815, 510-864, 9al5004g, 9AR3806G, 9AR3855G, 9AR3959G, 9ar5006g, 9ar5049k, 9AR6000

OD 135.00, **Bore dia.** 17.00, **Height** 14.40, **Fans** 12, **Pulley** w/o

Pulleys



131048 Pulley

Replacing: 507-088

Servicing: 9AR2759K02, 9AR2785K, 9AR5028K02

OD 83.50, **Bore dia.** 17.00, **Width** 17.00, **Depth** 6.50, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



133936 Pulley

Replacing: 507-084, 507-082, 507-030

Servicing: 10SI, 12SI, 15SI, 17SI, CS130, 2940347, 2940351

OD 65.00, **Bore dia.** 17.00, **Width** 16.50, **Depth** 6.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



136364 Pulley

Replacing: 507-042

Servicing: 2940060, 9AL2628P, 9AR2730P

OD 67,80, **Bore dia.** 17.00, **Dist./ back** 6,50, **Width** 15,70, **Depth** 4,40, **Rotation** CR/ACR, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1
Alternative no.: 610338



231675 Pulley

Replacing: 507-106, 507-008

Servicing: 9ar2726g, 9AR2763G, 9AR2764G, 9AR2964K, 9ar5039l, 9ar5044k, 9ar5082g, 9ar5083g, 9ar5085l

OD 63.00, **Bore dia.** 17.00, **Dist./ back** 5.10, **Width** 18.80, **Depth** 7.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



232351 Pulley

Replacing: 507-058

Servicing: 510-859, 9AR2746P, 9AR2747P, 9AR2754P, 9ar2854p, 9AR2958, 9AR2958P

OD 84.00, **Bore dia.** 17.00, **Dist./ back** 3.30, **Width** 19.50, **Depth** 5.00, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1

Sundry Parts

O-rings

Pkg. 10



139561 O-ring

Replacing: 511-004

Servicing: 9AR2687F, 9AR2687G, 9AR2728F, 9AR2728G, 9AR2759K, 9AR2759K01, 9AR2765, 9AR2784K, 9AR2785, 9AR2786K, 9AR2826K, 9AR2845

ID 30.00, **Thickness** 2.00

Various



132237 Terminal Kit

Replacing: 520-035

Servicing: 2940060, 9al2507g, 9AL2510, 9al2540g, 9al2560g, 9al2578g, 9al2579g, 9al2582k, 9al2585g, 9al2595k, 9AL2685K, 9AR2510

All measurements are in mm, unless else stated.
O.E.M. names and numbers are used for reference purposes only.
Available while stock last, * Program development.

Rotors

28 Volt



135378 Rotor

Replacing: 112-49

Servicing: 8SC3009, 8SC3009Z, 8SC3017, 8SC3017V, 8SC3021, 8SC3021V

28 **V**, 175 **Amp**, **Thread size** 5/8" UNF, **OD** 126.00, **Shaft dia.** 22.23, **Total length** 229.00

Nut: HC-CARGO 136911.



231436 Rotor

Replacing: 112-54, 112-33

Servicing: 110-298, 8SC3002U, 8SC3008U, 8SC3014U

28 **V**, 100 **Amp**, **Thread size** 5/8" UNF, **OD** 126.00, **Shaft dia.** 22.00/25.00, **Total length** 230.00

Nut: HC-CARGO 136911.

Rotor Parts

Slip Rings

Pkg. 5



132625 Slip Ring

Replacing: 112-22

Servicing: 110-555, 12N72, 12NP72, 12SA101A, 12SA101B, 12SA102A, 12SA102B, 12SA103A, 12SA103B, 12SA105A, 12SA105B, 12SA106A

ID 10.00, **OD** 25.00, **Total length** 22.40

Nuts

Pkg. 10



132346 Shaft Nut

Replacing: 120-292

Servicing: 10DN, 10SI, 3G series, 8AR2200L, 8AR2201L, 8AR2202L, 8AR3200G, 8EA2017NA, 8EA2023NA, 8EM2008NA, 8EM2015NA, 8MR2034L

Thread .668-20T/IN, **OD** 5/16", **Lock nut** No

Pkg. 5



136911 Nut

Replacing: 120-128

Servicing: 12NP60, 12SA101A, 12SA101B, 12SA102A, 12SA102B, 12SA103A, 12SA103B, 12SA105A, 12SA105B, 12SA106A, 12SA106B, 12SA108A

Thread 5/8"-UNF, **OD** 23.55, **Lock nut** No

Stators

14 Volt



131870# Stator

Replacing: 113-23, 113-22, 113-12, 113-1

Servicing: 12N37, 12N37A, 8AL2004F, 8AL2005F, 8AL2006F, 8AL2007F, 8AL2011F, 8AL2012F, 8AL2019F, 8AL2022F, 8AL2051F, 8AL2055F

14 **V**, 35 **Amp**, **ID** 89.00, **OD** 127.50, **Height** 15.00, **Terminals** 3



131871# Stator

Replacing: 113-3, 113-19, 113-18

Servicing: 12N51, 12N51A, 8AL2002K, 8AL2008K, 8AL2009K, 8AL2010K, 8AL2039K, 8AL2052K, 8AL2056K, 8AL2059K, 8AL2067K, 8AL2069K

14 **V**, 55 **Amp**, **ID** 88.50, **OD** 127.50, **Height** 21.50, **Terminals** 3x2



234399 Stator

Replacing: 113-40

Servicing: 110-238, 110-242, 110-244, 110-310, 110-402, 110-403, 110-411, 8MA2015T, 8MR2025T, 8MR2027T, 8MR2028T, 8MR2030T

14 **V**, 90 **Amp**, **ID** 88.80, **OD** 127.00, **Height** 26.50, **Terminals** 3

28 Volt



133063 Stator

Replacing: 113-81, 113-7, 113-25

Servicing: 12SA101A, 12SA101B, 12SA105A, 12SA105B, 12SA110A, 12SA110B, 8SA2004R, 8SA2007R, 8SB2001R, 8SB3002R, 8SC2001R, 8SC3002U

28 **V**, 100 **Amp**, **ID** 126.50, **OD** 167.50, **OD 2** 163.00, **Height** 32.50, **Terminals** 3



133064 Stator

Replacing: 113-63, 113-28

Servicing: 8SC3005V, 8SC3009Z, 8SC3009ZA

28 **V**, 175 **Amp**, **ID** 126.00, **OD** 167.50, **OD 2** 163.00, **Height** 32.60, **Terminals** 3

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Brackets

D.E. Brackets



232408 D.E. Bracket

Replacing: 114-1

Servicing: 12n37, 12n40, 12n51, 8al2019f, 8al2022f, 8al2023g, 8al2071k, 8al2105l, 8al2106f, 8al2106fa, 8al2107k, 8al2109f

Bearing: HC-CARGO 142269.



232410 D.E. Bracket

Replacing: 14-55, 114-55

Servicing: 8AL2055F, 8AL2055FA, 8AL2056K, 8AL2067K, 8AL2068F, 8AL2069K, 8AL2080K, 8AL2080KA, 8MA2010P, 8MA2013P, 8MA2014P

Bearing: HC-CARGO 142269.

Bracket Parts

Various

Pkg. 10



134781 Bearing Plate

Replacing: 511-010

ID 35.80, **OD** 59.25, **Thickness** 2.40, **No./ mount. holes** 3, **Gasket** w/o

Regulators

14 Volt



131166 Regulator

Replacing: 8rh2038, 8rh2035, 8rh2029, 8rh2025, 8rg2025, 8rd2035, 8rb2009, 105-233, 105-232, 105-223, 105-210

Servicing: 8ha2003f, 8LHA2024R, 8SA2024R

13.8 **V setting**, **Dist. mount. holes** 40.60

Adjustable voltage.



131175 Regulator

Replacing: 8rh2032, 8rh2026, 8rh2023, 8rh2006, 8rh2002, 8rc2010a, 105-230, 105-228, 105-205, 105-174, 105-173

Servicing: 8al2056k, 8ma2014p

14.1 **V setting**, **Dist. mount. holes** 40.00

Adjustable voltage.



131851 Regulator

Replacing: 8rf2021a, 8rf2012a, 8rf2012, 8rc2004, 105-242, 105-152, 105-108

Servicing: 8AR2021K, 8AR2028F, 8AR2043F, 8AR2060F, 8AR2062K, 8AR2066F, 8AR2067L, 8AR2068F, 8AR2068FM, 8AR2069F, 8AR2070K, 8AR2072F

14.2 **V setting**, **Dist. mount. holes** 72.00

Adjustable voltage.



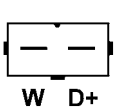
131910 Regulator

Replacing: r7-1, 8rg2010a, 105-64, 105-197

Servicing: 8HC2005L, 8MR2002, 8MR2003, 8MR2011F, 8MR2016K, 8MR2018K, 8MR2019K, 8MR2052K

15 **V setting**, **Dist. mount. holes** 74.45

w/ insulation diode.





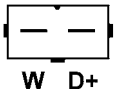
131911 Regulator

Replacing: r3jd1b, r3jd18a, 8rf2014c, 8ar2019k, 105-92, 105-26, 105-153

Servicing: 8AR2006, 8AR2012K, 8AR2013F, 8ar2019k, 8AR2025K, 8AR2044F, 8AR2045K, 8AR2048F, 8AR2049K, 8AR2050F, 8AR2051K, 8AR2052F

15 **V setting**, **Dist. mount. holes** 71.40

Adjustable voltage. w/ insulation diode.





131912 Regulator

Replacing: 8rg2010c, 8rg2006, 8rg2001, 105-89, 105-88, 105-69, 105-181

Servicing: 8HC2003P, 8HC2004F, 8HC2007F, 8HC2008F, 8MR2004, 8MR2006, 8MR2007K, 8MR2008P, 8MR2009P, 8MR2010P, 8MR2012P, 8MR2013K

15 **V setting**, **Dist. mount. holes** 74.00

Adjustable voltage. w/ insulation diode.



133383 Regulator

Replacing: 8rc2008a, 105-265

Servicing: 8EA2003FA, 8EA2003FB, 8EA2005KA, 8EA2006KA, 8EA2016FA, 8EA2017NA, 8EA2019DA, 8EA2019DB, 8EA2020NA, 8EA2020NB, 8EA2023NA

14.4 **V setting**, **Dist. mount. holes** 51.30, **D+ type** Screw

BS type, battery sense.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



133384 Regulator

Replacing: 8rc2009a, 105-266

Servicing: 8EA2001FA, 8EA2002FA, 8EA-2004FA, 8EA2007KA, 8EA2008KA, 8EA2009KA, 8EA2010KA, 8EA2011NA, 8EA2012NA, 8EA2013NA, 8EA2014FA

14.4 **V setting**, **Dist. mount. holes** 48.60, **D+ type** Screw

FD type, battery sensor.



135305# Regulator

Replacing: 8rg2027, 8rg2018, 8rg2015, 105-286, 105-240, 105-214, 105-193

Servicing: 8MR2023F, 8MR2024F, 8MR2036K, 8MR2039K, 8MR2044K, 8MR2072LS

14.4 **V setting**, **Dist. mount. holes** 74.70

Adjustable voltage.



135855 Regulator

Replacing: 8rc2060a, 8rc2013, 105-276

Servicing: 3D97387G0, 5D357H1G01, 8EK2003FB, 8EK2004DC, 8EK2005NB, 8EK2006FB, 8EK2007NB, 8EK2008FB, 8EK2009FB, 8EK2009FC

14 **V setting**, **Dist. mount. holes** 61.45, **D+ type** Screw

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138593 Regulator

Replacing: 8rg2031, 105-245

Servicing: 110-284, 8HC2023K, 8HC2024K

13.8 **V setting**, **Dist. mount. holes** 74.00

Adjustable voltage. Wiring code: red: positive, black: ground, green: field, yellow: stator.



138765 Regulator

Replacing: 8rg2083, 8rg2043, 105-280

Servicing: 110-402, 110-403, 110-534, 110-602, 110-603, 8MR2069T, 8MR2070T, 8MR2401U

14.2 **V setting**, **Dist. mount. holes** 75.00

Adjustable voltage. Marine applications.



139459 Regulator

Replacing: 8rg2060a, 105-335

Servicing: 110-600, 8MR2175F, 8MR2185L

14 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic

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233373# Regulator

Replacing: 8RG2035A, 8RG2009A, 105-250, 105-207

Servicing: 8MR2026P, 8MR2048K, 8MR2049K, 8MR2050F, 8MR2050FC, 8MR2051F

14.2 **V setting**, **Dist. mount. holes** 74.00, **Regulator type** Electronic

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233640 Regulator

Replacing: 8RL2105, 105-340

Servicing: 110-565

14.5 **V setting**, **Dist. mount. holes** 146.00



235353 Regulator

Replacing: 8rg2112b, 8rg2029a, 105-292

Servicing: 110-555, 8lha2027r, 8LHA2057V, 8LHA2070V, 8LHA2070VA, 8LHA2073V, 8LHA2081V

14.2 **V setting**

Wiring code: red: positive, black: ground, green: field, yellow: stator.

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28 Volt



131178 Regulator

Replacing: 8rg3032, 8RG3030, 105-291, 105-249

Servicing: 10-296, 8LHA3025P, 8LHA3025R, 8LHA3056R, 8LHA3071P, 8LHA3072P, 8LHA3076R

28 **V setting**, **Dist. mount. holes** 76.00

Adjustable voltage.



131180 Regulator

Replacing: 8rl3011, 105-246

Servicing: 10-298, 8SC3014U

26.6-30 **V/ adjustable**, **Dist. mount. holes** 147.00

Adjustable voltage.



131181 Regulator

Replacing: 8RL3024, 8RL3022, 8RL3021, 8rl3007, 8rl021, 105-396, 105-352, 105-351, 105-229

Servicing: 8SC3009Z, 8SC3009ZA, 8SC3015U, 8SC3019U, 8sc3029z, 8SC3068V

26.7-30.6 **V/ adjustable**, **Dist. mount. holes** 146.00, **Regulator type** Electronic

Adjustable voltage.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



135307 Regulator

Replacing: 8rg3029, 105-247

Servicing: 8HC3022F, 8HC3025F

27.7 **V setting**, **Dist. mount. holes** 75.00
Adjustable voltage.

Regulator Parts

Various



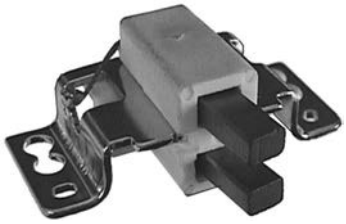
234585 Gasket

Replacing: 130-49, 103-49

Servicing: 110-555, 8CHA2022R, 8CHA2023V, 8CHA2024R, 8CHA2040RA, 8CHA2041VA, 8CHA2050VS, 8CHA2057V, 8CHA2070V, 8CHA2070VA

Length 97.00,
Thickness 2.20, **Width** 66.00,
Material Fiber, **No./ mount. holes** 2

Brush Boxes



130543 Brush Box

Replacing: 103-15, 103-1

Servicing: 8HC-, 8LHA-, 8MR-, 8SA-, 12SA-, 12N37, 12N37A, 12N40, 12N51, 12N51A, 12N72, 12SA201, 8AL2002K, 8AL2004F, 8AL2005F

14 **V**, **OD** 53.50



131920 Brush Box

Replacing: 103-8, 103-16, 103-02

Servicing: 114-65, 12NP60, 12NP600, 12NP72, 12NP802, 12SA101A, 12SA101B, 12SA102A, 12SA102B, 12SA103A, 12SA103B, 12SA105A

14 **V**, **OD** 54.15
2 terminals.



133069 Brush Box

Replacing: 103-31, 103-27

Servicing: 8LHC2004Z, 8LHC2010Z, 8SC2001R, 8SC2004Z, 8SC2007ZR, 8SC2010Z, 8SC3002U, 8SC3003U, 8SC3005V, 8SC3008U, 8SC3009Z

28 **V**

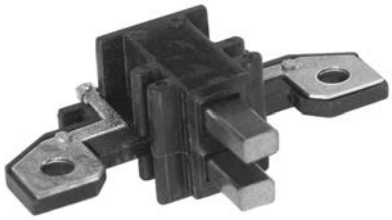


133070 Brush Box

Replacing: 103-60, 103-46

Servicing: 8LHA..., 110-555, 8AR2013L, 8AR2018L, 8AR2062KA, 8AR2070KA, 8AR2160F, 8AR2160FS, 8AR2169F, 8HC2027P, 8HC2027PAS

14 **V**



133385 Brush Box

Replacing: 103-55

Servicing: 8EA2001FA, 8EA2002FA, 8EA-2003FA, 8EA2003FB, 8EA2004FA, 8EA2005KA, 8EA2006KA, 8EA2007KA, 8EA2008KA, 8EA2009KA, 8EA2010KA

14 **V**

Rectifiers



131887# Rectifier

Replacing: 101-5, 101-41, 101-40, 101-38, 101-151, 101-1

Servicing: 114-65, 12N37, 12N37A, 12N40, 12N51A, 12NP60, 12NP600, 12NP802, 8AL2002K, 8AL2004F, 8AL2005F, 8AL2006F, 8AL2007F

25 **Amp/ diode**, **B+/ threaded** 1/4" UNF/1-3/8", **OD** 89.00, **B+ type** Bolt,
Diode type Press-fit, **No./ diodes** 3,
Capacitor w/o
Used w/ HC-CARGO 131888, 233244.



131888 Rectifier

Replacing: 101-96, 101-6, 101-42, 101-39, 101-37, 101-2, 101-174, 101-156, 101-154, 101-152, 101-111, 101-11

Servicing: 114-65, 12N37, 12N37A, 12N40, 12N51, 12N51A, 12NP60, 12NP600, 8AL2002K, 8AL2004F, 8AL2005F, 8AL2006F, 8AL2007F

25 **Amp/ diode**, **OD** 89.00, **B+ type** Bolt,
Diode type Press-fit, **No./ diodes** 3,
Capacitor w/o
Used w/ HC-CARGO 131887, 131889, 233239.



131889# Rectifier

Replacing: 101-98, 101-95, 101-75, 101-63, 101-60, 101-46, 101-45, 101-171, 101-160, 101-146, 101-145, 101-138

Servicing: 12SA202, 8AL2010K, 8AL2011F, 8AL2012F, 8AL2051F, 8AL2052K, 8AL2053L, 8AL2055F, 8AL2056K, 8AL2059K, 8AL2060L, 8AL2063K

25 **Amp/ diode**, **B+/ threaded** 1/4" UNF/1-3/8", **OD** 89.00, **B+ type** Screw,
Diode type Press-fit, **No./ diodes** 3,
Capacitor w/o
Used w/ HC-CARGO 131888.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



131891 Rectifier

Replacing: 101-91, 101-76, 101-187, 101-162, 101-137, 101-116, 101-108

Servicing: 12NP72, 8AR2057L, 8AR2067L, 8AR2071L, 8AR2072F, 8AR3077F, 8HC2009P, 8MH2002P, 8MH2007P

50 **Amp/ diode**, **B+/ threaded** 1/4" UNF/1-3/4", **OD** 89.00, **B+ type** Screw, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o

Used w/ HC-CARGO 131890, 131892.



131892 Rectifier

Replacing: 101-59, 101-57, 101-49, 101-48, 101-47, 101-20, 101-193, 101-18, 101-175, 101-166, 101-150, 101-148

Servicing: 12N72, 8HC2001L, 8hc2003p, 8HC2004F, 8HC2005L, 8HC2008F, 8HC2009P, 8HC2012F, 8HC2013P, 8HC2014K, 8HC2015L, 8HC2018L

35 **Amp/ diode**, **OD** 89.00, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o

Used w/ HC-CARGO 131891, 131893, 233239, 233243.



131893 Rectifier

Replacing: 101-71, 101-68, 101-66, 101-50, 101-19, 101-17, 101-149, 101-147

Servicing: 12N72, 8HC2001L, 8HC2003P, 8HC2005L, 8HC2007F, 8HC2008F, 8MA2003P, 8MA2004K, 8MA2008K, 8MA2015G, 8MH2001P, 8MR2002

50 **Amp/ diode**, **B+/ threaded** 10-24 UNC/1-3/8", **OD** 89.00, **B+ type** Screw, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o

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133380 Rectifier

Replacing: 101-207

Servicing: 8EA2001FA, 8EA2002FA, 8EA-2003FA, 8EA2003FB, 8EA2004FA, 8EA2005KA, 8EA2006KA, 8EA2007KA, 8EA2008KA, 8EA2009KA, 8EA2010KA

50 **Amp/ diode**, **OD** 89.00, **Mount. dist.** 80.00, **Diode type** Button, **No./ diodes** 6



139460 Rectifier

Replacing: 101-235

Servicing: 8MR2049K, 8MR2072LS, 8MR2084K, 8MR2085K, 8MR2185L, 8mr2198ls, 8MR2199KS, 8MR3005C, 8MR3005CA, 8MR3404G, 8MR3405G

35 **Amp/ diode**, **B+/ threaded** 1/4" UNF/1-3/8", **OD** 89.00, **B+ type** Spade, **No./ diodes** 3, **Capacitor** w/o

Used w/ HC-CARGO 139461.



139461 Rectifier

Replacing: 101-236, 101-197, 1-197

Servicing: 8AL2046FA, 8AL2055FA, 8AL-2106FA, 8AL2108FA, 8AL2109FA, 8AL2110FD, 8AL2111FA, 8AL2116FB, 8AL2171K, 8AR2013L, 8AR2015F

35 **Amp/ diode**, **B+/ threaded** 10-24 UNC/1-3/8", **OD** 89.00, **B+ type** Screw, **No./ diodes** 3, **Capacitor** w/o

Used w/ HC-CARGO 139460, 233239.



233241 Rectifier

Replacing: 101-170, 1-170

Servicing: 8MA2015T, 8MR2025T, 8MR2027T, 8MR2028T, 8MR2033T, 8MR2035T, 8MR2059T, 8MR2071T

50 **Amp/ diode**, **B+/ threaded** 10-24 UNC/ 35.00, **OD** 89.00, **B+ type** Screw, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o

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233242 Rectifier

Replacing: 101-169, 1-169

Servicing: 8mr2025t, 8mr2027t, 8mr2028t, 8mr2030t, 8mr2033t, 8mr2035t, 8MR2175F

50 **Amp/ diode**, **B+/ threaded** 1/4" UNF/1-3/4", **OD** 89.00, **B+ type** Screw, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o

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Rectifier Parts

Diodes



131885# Isolation Diode

Replacing: 101-7, 101-58, 101-3, 101-23, 101-12, 101-017

Servicing: 8AL2004F, 8AL2005F, 8AL2006F, 8AL2007F, 8AL2022F, 8HA2003F, 8HA2006F, A12N451, A12N451D, A12N452, A12N525, A12NAM451

B+ terminal 1/4" UNF.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Diode Trios

Pkg. 5



131899 Diode Trio

Replacing: 101-94, 101-73, 101-130, 101-100

Servicing: 8AL2010K, 8AL2011F, 8AL2012F, 8AL2046FA, 8AL2051F, 8AL2052K, 8AL2053L, 8AL2055F, 8AL2055FA, 8AL2056K, 8AL2059K

B+ termial 10-24x1 1/2".



133068 Diode Trio

Replacing: 101-87, 101-184, 101-144

Servicing: 8LHC2004Z, 8SB2001R, 8SB2003W, 8SB3002R, 8SC2001R, 8SC2004Z, 8SC2007ZR, 8SC3002U, 8SC3003U, 8SC3005V, 8SC3008U

OD 17.45

B+ terminal 10-24x23/32".



133381 Diode Trio

Replacing: 101-206

Servicing: 8EA2001FA, 8EA2002FA, 8EA-2003FA, 8EA2003FB, 8EA2004FA, 8EA2005KA, 8EA2006KA, 8EA2007KA, 8EA2008KA, 8EA2009KA, 8EA2010KA

ID/ mount. hole 4.60, **OD** 90.25, **Dist./ mount. holes** 80.55, **No./ diodes** 3

B+ terminal 10-24 & 1/4" UNF.

Bearings

Needle Bearings



141019 Inner Race

Replacing: 111-74

Servicing: 8HDB3004U, 8LHB2001Z, 8LH-B2002V, 8LHB2003U, 8LHC2004Z, 8LHC2010Z, 8SB2001R, 8SB2003W, 8SB3002R, 8SC2001R, 8SC2004Z

ID 20.00, **OD** 27.00, **Height** 37.00

Used w/ roller bearing: HC-CARGO 140490.

Roller Bearings



140490 Roller Bearing

Replacing: 111-73

Servicing: 8HDB3004U, 8LHB2001Z, 8LH-B2002V, 8LHB2003U, 8LHC2004Z, 8LHC2010Z, 8SB2001R, 8SB2003W, 8SB3002R, 8SC2001R, 8SC2004Z

ID 27.00, **OD** 47.00, **Height** 14.00

Inner race: HC-CARGO 141019.

Fans & Pulleys

Fans



134317 Fan

Replacing: 107-97, 107-20

Servicing: 10-298, 12SA101A, 12SA101B, 12SA102A, 12SA102B, 12SA103A, 12SA103B, 12SA105A, 12SA105B, 12SA106A, 12SA106B, 12SA108A

OD 165.00, **Bore dia.** 22.33, **Height** 18.50, **Fans** 16, **Pulley** w/o

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Pulleys



131176 Pulley

Replacing: 107-51

Servicing: 25SI, 27SI/200, 29SI, 30SI

OD 78.80, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 4.65, **Width** 40.00, **Depth** 6.60, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



133406# Pulley

Replacing: 107-87

Servicing: 8MA2014P, 8MA2014PA, 8MA2015T

OD 79.00, **Bore dia.** 15.88, **Bore dia. 2** 5/8", **Width** 18.90, **Depth** 3.90, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



232160# Pulley

Replacing: 107-37

Servicing: 8AR2041F, 8MR2001, 8MR2002, 8MR2003, 8TA2009E, MA12NJD1201, MA12N-JD602, TA12NJD400

OD 72.30, **Bore dia.** 15.88, **Bore dia. 2** 5/8", **Width** 30.00, **Depth** 14.20, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.

Sundry Parts

Oil Seals

Pkg. 10



133065 Oil Seal

Replacing: 111-76, 111-54, 111-50, 111-46

Servicing: 8HC2001L, 8HC2003P, 8HC2004F, 8HC2005L, 8HC2007F, 8HC2008F, 8HC2009P, 8HC2012F, 8HC2013P, 8HC2014K, 8HC2015L, 8HC2018L

ID 28.00, **OD** 47.00, **Height** 7.00



133066 Oil Seal

Replacing: 111-77, 111-5

Servicing: 12SA101A, 12SA101B, 12SA102A, 12SA102B, 12SA103A, 12SA103B, 12SA105A, 12SA105B, 12SA106A, 12SA106B, 12SA108A, 12SA108B

ID 31.50, **OD** 52.20, **Height** 7.30

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Rotors

Rotor Parts

Slip Rings



135535# Slip Ring

Replacing: 1-33130-0172

Servicing: 0-33000-2153, 0-33000-2155, 0-33000-2200, 0-33000-2280, 0-33000-2281, 0-33000-2290, 0-33000-2300, 0-33000-2330

ID 20.60, **OD** 34.20, **Total length** 32.50



135536# Slip Ring

Replacing: 7-33130-0230, 1-33130-0230

Servicing: 0-33000-3630, 0-33000-3631, 0-33000-3640, 0-33000-3650, 0-33000-3651, 0-33000-3690, 0-33000-3700, 0-33000-3710

ID 34.00, **OD** 20.60, **Total length** 33.40

Various



135690 Rotor Coil

Replacing: 0-33120-0220

Servicing: 0-35000-3000, 0-35000-3010, 0-35000-3011, 0-35000-3012, 0-35000-3013, 0-35000-3020, 0-35000-3040, 0-35000-3050

28 **V**, 40 **Amp**

Stators

28 Volt



135540 Stator

Replacing: 0-33200-1410

Servicing: 0-33000-5280, 0-33000-5840, 0-33000-5850, 0-33000-5860, 0-33000-5870, 0-33000-5880, 0-33000-6000, 0-33000-6200

28 **V**, 25 **Amp**, **ID** 88.00, **OD** 125.10, **OD 2** 121.00, **Height** 24.00, **Terminals** 3



135686# Stator

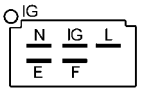
Replacing: 1-33200-1210

Servicing: 0-35000-3010, 0-35000-3011, 0-35000-3012, 0-35000-3013, 0-35000-3210, 0-35000-3270, 0-35000-3370, 0-35000-3410

28 **V**, 40 **Amp**, **ID** 106.50, **OD** 145.40, **OD 2** 141.00, **Height** 28.40, **Terminals** 4

Regulators

28 Volt





131537 Regulator

Replacing: 0-41000-2640, 0-41000-2390, 0-41000-2190

Servicing: 0-33000-3630, 0-33000-3690

Dist. mount. holes 110.50,
Regulator type Mechanical

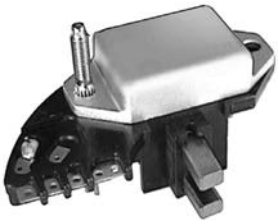


132092 Regulator

Replacing: 1-44000-0731, 1-44000-0730, 1-44000-0581, 1-44000-0580

Servicing: 0-33000-0050, 0-33000-0060, 0-33000-0120, 0-33000-0140, 0-33000-2200, 0-33000-2280, 0-33000-2281, 0-33000-2290

28.5 **V setting**, **Dist. mount. holes** 73.00



135296 Regulator

Replacing: 7-44000-0901, 0-33719-0031, 0-33719-0030

Servicing: 0-33000-5280, 0-33000-5840, 0-33000-5850, 0-33000-5860, 0-33000-5870, 0-33000-5880, 0-33000-6000, 0-33000-6200

Dist. mount. holes 47.40, **D+ type** Screw



135321 Regulator

Replacing: 7-44000-0900

Servicing: 0-35000-0050, 0-35000-0060, 0-35000-0070, 0-35000-0080, 0-35000-0110, 0-35000-0160, 0-35000-0200, 0-35000-0230

28.8 **V setting**, **Dist. mount. holes** 48.00, **Terminal type** S-B-(L) R-F-E
Repair circuit: HC-CARGO 133696.



135322 Regulator

Replacing: 7-44000-0907

Servicing: 0-35000-3000, 0-35000-3020, 0-35000-3050, 0-35000-3070, 0-35000-3150, 0-35000-3180, 0-35000-3190, 0-35000-3220

28.8 **V setting**, **Dist. mount. holes** 48.00, **Terminal type** S-B-(L) R-F-E
Repair circuit: HC-CARGO 133696.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



139331 Regulator

Replacing: 0-33719-0080

Servicing: 0-33000-5480, 0-33000-5510, 0-33000-5540, 0-33000-5670, 0-33000-5700, 0-33000-5710, 0-33000-6240, 0-33000-6250

Dist. mount. holes 48.00



230160 Regulator

Replacing: 0-33719-0090

Servicing: 0-33000-5771, 0-33000-6542, 0-33000-6552

Dist. mount. holes 48.00, **D+ type** Screw, **Terminal type** E-F-T-R-B-S(L)



C

234999 Regulator

Replacing: 0-37519-0151, 0-37519-0150

Servicing: 0-35000-0481, 0-35000-0521, 0-35000-0531, 0-35000-0541, 0-35000-0561, 0-35000-0571, 0-35000-0591, 0-35000-0601

Dist. mount. holes 50.00, **Regulator type** Electronic, **Terminal type** S-B-(L) R-F-E

I.C.Regulators

28 Volt



C

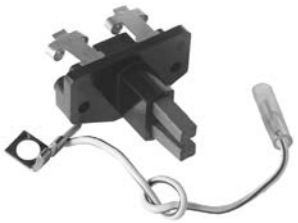
133696 Repair Circuit

Replacing: 1-44000-0920, 1-44000-0906, 1-44000-0905, 1-44000-0903, 1-44000-0902, 1-44000-0901, 1-44000-0900

Servicing: 0-33000-6552, 0-35000-0050, 0-35000-0060, 0-35000-0070, 0-35000-0080, 0-35000-0110, 0-35000-0160, 0-35000-0200

28.8 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** S-B-(L) R-F-E

Brush Boxes



132504# Brush Box

Replacing: 1-33720-0691

Servicing: 0-33000-3700, 0-33000-3760, 0-33000-4010, 0-33000-4181, 0-33000-5090, 0-39000-0120, 0-39000-0140

28 **V**, **OD** 51.65



132505 Brush Box

Replacing: 1-33720-0792

Servicing: 0-33000-2200, 0-33000-2280, 0-33000-2281, 0-33000-2290, 0-33000-2330, 0-33000-2841, 0-33000-2870, 0-33000-3070

28 **V**, **OD** 35.90

Brush Box Parts

Brush Sets

Pkg. 10



140605 Brush Set

Replacing: 1-33740-0440, 1-33740-0430, 1-33740-0020, 1-33720-0630

Servicing: 0-33000-1130, 0-33000-1140, 0-33000-1180, 0-33000-1321, 0-33000-2050, 0-33000-2200, 0-33000-2270, 0-33000-2280

28 **V**, **Length** 18.00/20.00, **Lead length** 51.00, **Height** 7.00, **Thickness** 6.00

Pkg. 10



C

140606 Brush Set

Replacing: 140606

28 **V**, **Length** 18.00, **Lead length** 65.50, **Height** 7.80, **Thickness** 4.90

Pkg. 10



140607 Brush Set

Replacing: 1-33740-0380, 1-33740-0190, 1-33740-0180

Servicing: 0-33000-1503, 0-33000-1840, 0-33000-2070, 0-33000-2500

14/28 **V**, **Length** 14.00/16.00, **Lead length** 50.50, **Height** 7.00, **Thickness** 6.00

Pkg. 10



140951 Brush Set

Replacing: 1-33740-0450

Servicing: 0-33000-5280, 0-33000-5650, 0-33000-5660, 0-33000-5770, 0-33000-5771, 0-33000-5840, 0-33000-5850, 0-33000-5860

14/28 **V**, **Length** 17.00/19.00, **Lead length** 61.50, **Height** 7.00, **Thickness** 5.00

Regulators/Rectifiers



135680 Regulator/Rectifier

Replacing: 0-33730-2560

Servicing: 0-33000-5280, 0-33000-5840, 0-33000-5850, 0-33000-5860, 0-33000-5870, 0-33000-5880, 0-33000-6290, 0-33000-6430

28 **V**, **ID** 48.65, **OD** 106.00, **No./ diodes** 6, **Brush gear** w/, **Capacitor** w/o

Terminals: E-F-(L)R-B-S.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

28 Volt



132509[#] Rotor

Replacing: 7-33100-0121, 7-33100-0120

Servicing: 0-33000-2200, 0-33000-2280, 0-33000-2281, 0-33000-2290, 0-33000-2300, 0-33000-2330, 0-33000-3300, 0-33000-3450

28 **V**, 13 **Amp**, **OD** 92.20, **Shaft dia.** 22.23, **Total length** 183.00

Rectifiers



132490 Rectifier

Replacing: 0-33730-1600

Servicing: 0-33000-2200, 0-33000-2280, 0-33000-2281, 0-33000-2290, 0-33000-2841, 0-33000-2870, 0-33000-3070, 0-33000-3071

ID 50.00, **OD** 105.50, **Mount. dist.** 75.00, **No./ diodes** 6, **Capacitor** w/o



132491[#] Rectifier

Replacing: 0-33730-1800

Servicing: 0-33000-3700, 0-33000-3760, 0-33000-4010, 0-33000-4181, 0-33000-5090, 0-39000-0120, 0-39000-0140

ID 65.00, **OD** 111.00, **Mount. dist.** 75.00, **Capacitor** w/o



132511 Rectifier

Replacing: 0-33730-2300

Servicing: 0-33000-5480, 0-33000-5510, 0-33000-5540, 0-33000-5670, 0-33000-5700, 0-33000-5710, 0-33000-5910, 0-33000-6250

B+/ threaded M5/27.75, **ID** 50.30, **OD** 100.45, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



135681 Rectifier

Replacing: 0-33730-2190

Servicing: 0-35000-3000, 0-35000-3020, 0-35000-3040, 0-35000-3050, 0-35000-3070, 0-35000-3080, 0-35000-3100, 0-35000-3110

25 **Amp/ diode**, **ID** 74.15, **OD** 124.00, **Mount. dist.** 90.86, **No./ diodes** 6



135682 Rectifier

Replacing: 0-35730-0080

Servicing: 0-35000-0030, 0-35000-0040, 0-35000-0050, 0-35000-0060, 0-35000-0070, 0-35000-0080, 0-35000-0090, 0-35000-0100

ID 68.25, **OD** 118.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/o



135684 Rectifier

Replacing: 0-35730-0011

Servicing: 0-35000-3013, 0-35000-3270, 0-35000-3370, 0-35000-3410, 0-35000-3480, 0-35000-3571, 0-35000-3610, 0-35000-3612

ID 74.00, **OD** 124.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/o

Bearings

Needle Bearings

Pkg. 10



140136 Needle Bearing

Replacing: 1-09202-0070

Servicing: 20SI, 27SI type 200, 0-35000-3000, 0-35000-3013, 0-35000-3020, 0-35000-3050, 0-35000-3070, 0-35000-3150, 0-35000-3180

ID 17.00, **OD** 23.80, **Height** 32.00, **Rolls** 15

Closed end.

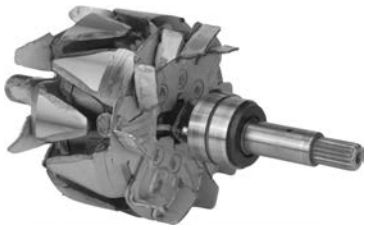
All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

[#]Available while stock last, ***** Program development.

Rotors

14 Volt



235774 Rotor

Servicing: 02131-9040, 02131-9070

14 **V**, 85 **Amp**, **OD** 101.00, **Shaft dia.** 17.00, **Total length** 210.00, **Splines** 16



236464 Rotor

Servicing: 02121-8025, 02121-8027, 02121-8070, 02121-8071, 02121-8073, 02121-8074, 37300-2W000

14 **V**, 60 **Amp**, **Thread size** M16-1.50, **OD** 94.00, **Shaft dia.** 17.10, **Total length** 204.00, **Rotation** CR, **Splines** 16

Rotor Parts

Shafts



234546 Rotor Shaft

Servicing: 02131-9040, 02131-9070

Thread size M16-1.50, **OD/ shaft** 17.00, **Total length** 210.00, **No./ splines** 16



236693 Rotor Shaft

Servicing: 02121-8025, 02121-8027, 02121-8070, 02121-8071, 02121-8073, 02121-8074

OD/ shaft 17.00, **Total length** 204.00, **No./ splines** 16

Brackets

Bracket Parts

Various

Pkg. 10



238071 Gasket

Servicing: 02121-8025, 02121-8027, 02121-8070, 02121-8071, 02121-8073, 02121-8074

ID 16.50, **OD** 33.00, **Thickness** 2.00, **Material** Felt wiper

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Regulators

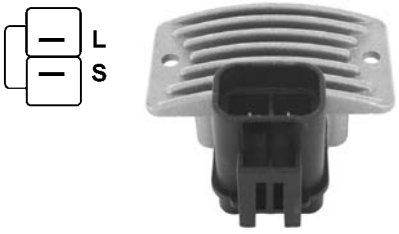
14 Volt



139469 Regulator

Servicing: 02121-8025, 02121-8027, 02121-8070, 02121-8071, 02121-8073, 02121-8074, 02121-9012, 02121-9020, 02121-9021, 02121-9022

14.7 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** L-R



235035 Regulator

Servicing: 02131-9040, 02131-9070

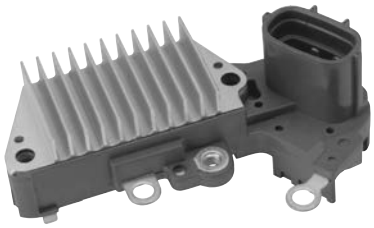
14.7 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** L-F



235522 Regulator

Servicing: 02131-9110, 02131-9111, 02131-9112, 02131-9113, 02131-9261, 02131-9262, 02131-9310, 02131-9311

14.5 **V setting**, **Terminal type** L-S



235887 Regulator

Servicing: 02131-9153

14.3 **V setting**, **Dist. mount. holes** 51.00, **Regulator type** Electronic

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Brush Boxes



235198 Brush Box

Servicing: 02131-9110, 02131-9111, 02131-9112, 02131-9113, 02131-9261, 02131-9262, 02131-9310, 02131-9311

14 **V**



236468 Brush Box

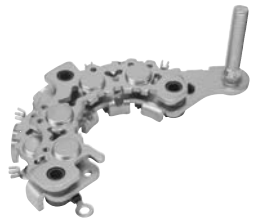
Servicing: 02121-8025, 02121-8027, 02121-8070, 02121-8071, 02121-8073, 02121-8074, 37300-2W000, 37300-2W001

14 **V**

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Rectifiers



235599 Rectifier

Servicing: 02131-9110, 02131-9111, 02131-9112, 02131-9261, 02131-9262, 02131-9310

14 **V**, **B+/ threaded** M8/41.90, **ID** 48.00, **OD** 127.00, **Mount. dist.** 75.00, **B+ type** Bolt, **No./ diodes** 8



236466 Rectifier

Servicing: 02121-8025, 02121-8027, 02121-8070, 02121-8071, 02121-8073, 02121-8074, 02121-9020, 02121-9021, 02121-9022, 37300-2W000

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M6, **ID** 52.80, **OD** 111.21, **B+ type** Bolt, **No./ diodes** 6



332284 Rectifier

Servicing: 02131-9113, 02131-9311

14 **V**, 22 **Zener V**, **B+/ threaded** M8/42.50, **OD** 102.75, **Mount. dist.** 65.00, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 8, **Capacitor** w/o

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Bearings

Special Bearings



141199 Ball Bearing

Replacing: 141199

Servicing: 02131-9040, 02131-9070, 02131-9110, 02131-9111, 02131-9112, 02131-9113, 02131-9261, 02131-9262, 02131-9310, 02131-9311

ID 17.00, **OD** 52.00, **Height** 15.00

Fans & Pulleys

Pulleys



236461 Pulley

Servicing: 02121-8025, 02121-8027, 02121-8070, 02121-8071, 02121-8073, 02121-8074, 37300-2W000, 37300-2W001

OD 76.10, **Bore dia.** 17.00, **Width** 30.00, **Depth** 15.50, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2

Freewheel Pulleys



230527 Freewheel Pulley

Replacing: 72011-0740

Servicing: 02131-9070

Thread size M16-1.50, **OD** 59.60, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 34.40, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843.



333335 Freewheel Pulley HC-CARGO

Replacing: 72011-0740

Thread size M16-1.50, **OD** 60.00, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 36.50, **Depth** 7.60, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843.

Alternative no.: 230527

Vacuum Pumps

Vacuum Pump Parts

Rotors



235513 Rotor for Vacuum Pump

Servicing: 02121-8025, 02121-8027, 02121-8070, 02121-8071, 02121-8073, 02121-8074, 02131-9040, 02131-9070, 37300-2W000

OD 48.96, **Height** 24.96, **No./ splines** 16

Vane set: HC-CARGO 133277.

Vane Sets



235154 Vane Set

Servicing: 02131-9110, 02131-9111, 02131-9112

Length 33.00, **Height** 6.00, **Width** 18.50

Various

Pkg. 10



233915 Bushing

Servicing: 02121-8025, 02121-8027, 02121-8070, 02121-8071, 02121-8073, 02121-8074, 02131-9040, 02131-9070, 02131-9110, 02131-9111

ID 16.00, **OD** 18.50, **Length** 15.00

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Sundry Parts

Oil Seals

Pkg. 10



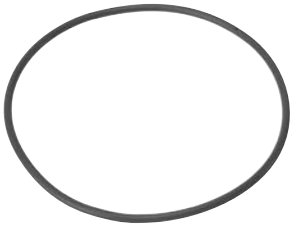
237688 Oil Seal

Servicing: 02121-8025, 02121-8027, 02121-8070, 02121-8071, 02121-8073, 02121-8074, 37300-2W000

ID 15.80, **OD** 30.00, **Height** 7.00

O-rings

Pkg. 10



235757 O-ring

Servicing: 02131-9110, 02131-9111

ID 72.00, **Thickness** 2.40

Pkg. 10



237684 O-ring

Servicing: 02121-8074

ID 50.00, **Thickness** 1.80

Various

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333342 Disc

Servicing: 02131-9110, 02131-9111, 02131-9112, 02131-9113, 02131-9261, 02131-9262, 02131-9310, 02131-9311

ID 38.05, **OD** 119.85, **Material** Plastic

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Rotors

Rotor Parts

Slip Rings

Pkg. 5



132625 Slip Ring

Replacing: 12-22
Servicing: MA12NDM451
ID 10.00, **OD** 25.00, **Total length** 22.40

Nuts

Pkg. 5



136911 Nut

Replacing: 20-128
Servicing: 859327
Thread 5/8"-UNF, **OD** 23.55, **Lock nut** No

Stators

14 Volt



131870# Stator

Replacing: 13-22, 13-1
Servicing: 12N37B, 8AL2001, 8AL2013F, 8AL2014F, 8AL2017F, 8AL2025F, 8AL2026F, 8AL2031F, 8AL2037F, 8AL2038F, 8AL2040F, 8AL2046F
14 **V**, 35 **Amp**, **ID** 89.00, **OD** 127.50, **Height** 15.00, **Terminals** 3



131871# Stator

Replacing: 13-3, 13-2, 13-19
Servicing: 8AL2002, 8AL2015K, 8AL2016K, 8AL2018K, 8AL2032K, 8AL2049K
14 **V**, 55 **Amp**, **ID** 88.50, **OD** 127.50, **Height** 21.50, **Terminals** 3x2

28 Volt



131872# Stator

Replacing: BRC-3001J, BRC-3001G, ANB-3008S1, ANB-3008A, 13-187, 13-186, 13-180
Servicing: anb7004
28 **V**, 22 **Amp**, **ID** 89.00, **OD** 127.00, **Height** 35.00, **Terminals** 6



133064 Stator

Replacing: 0142000T32S
28 **V**, 175 **Amp**, **ID** 126.00, **OD** 167.50, **OD 2** 163.00, **Height** 32.60, **Terminals** 3

Brackets

D.E. Brackets



232408 D.E. Bracket

Replacing: 14-9, 14-1, 114-9
Servicing: 8AL2017F, 8AL2018K
Bearing: HC-CARGO 142269.



232410 D.E. Bracket

Replacing: 14-55
Servicing: 8AL2048F, 8AL2049K
Bearing: HC-CARGO 142269.

Regulators

14 Volt



131910 Regulator

Replacing: 5-197
15 **V setting**, **Dist. mount. holes** 74.45
w/ insulation diode.



233373# Regulator

Replacing: 5-207
14.2 **V setting**, **Dist. mount. holes** 74.00, **Regulator type** Electronic

28 Volt



131181 Regulator

Replacing: 5-229
26.7-30.6 **V/ adjustable**, **Dist. mount. holes** 146.00, **Regulator type** Electronic
Adjustable voltage.

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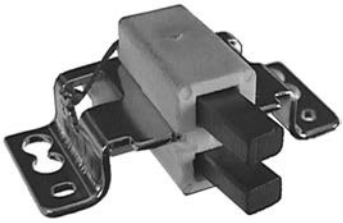


131687 Regulator

Replacing: VSH-6401ES, VSH-6401D, VSH-6401CS, VSH-6401C, 83-94, 83-93, 8-394, 8-393

27.5 **V setting**, **Dist. mount. holes** 68.50
Green field. Orange aux.

Brush Boxes



130543 Brush Box

Replacing: 3-15, 3-1

Servicing: 8HC-, 8LHA-, 8MR-, 8SA-, 12SA-, 12N37B, 12N51B, 12N62, 8AL2001, 8AL2002, 8AL2013F, 8AL2014F, 8AL2015K, 8AL2016K

14 **V**, **OD** 53.50



131920 Brush Box

Replacing: 3-2, 3-16

Servicing: SA12012

14 **V**, **OD** 54.15
2 terminals.



133070 Brush Box

Replacing: 3-60

Servicing: 8LHA…

14 **V**

Brush Box Parts

Brush Sets



141179 Brush Set

Replacing: ama1012s, AMA-1012S, 11-70

Servicing: anb7004

14 **V**, **Length** 19.00, **Lead length** 31.00, **Height** 8.00, **Thickness** 6.00



141180 Brush Set

Replacing: ALE-1013C, 11-73

14 **V**, **Length** 6.23, **Lead length** 15.00, **Height** 11.60, **Thickness** 6.30



EX912# Brush Set

Replacing: ALA-1012CS

14 **V**, **Length** 12.73, **Lead length** 25.96, **Height** 6.29, **Thickness** 6.22

Rectifiers



131887# Rectifier

Replacing: 1-5, 1-151, 1-110, 1-11, 1-10, 1-1

Servicing: 8AL2001, 8AL2002, 8AL2047F, 8AL2050F

25 **Amp/ diode**, **B+/ threaded** 1/4" UNF/1-3/8", **OD** 89.00, **B+ type** Bolt, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o
Used w/ HC-CARGO 131888, 233244.



131888 Rectifier

Replacing: 1-96, 1-6, 1-2, 1-167, 1-157, 1-156, 1-152

Servicing: 12N37B, 12N51B, 12N62, 8AL2001, 8AL2002, 8AL2013F, 8AL2014F, 8AL2015K, 8AL2016K, 8AL2017F, 8AL2021L, 8AL2024L, 8AL2025F

25 **Amp/ diode**, **OD** 89.00, **B+ type** Bolt, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o
Used w/ HC-CARGO 131887, 131889, 233239.



131889# Rectifier

Replacing: 1-95, 1-75, 1-171, 1-161, 1-115, 1-112

Servicing: 8AL2024L

25 **Amp/ diode**, **B+/ threaded** 1/4" UNF/1-3/8", **OD** 89.00, **B+ type** Screw, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o
Used w/ HC-CARGO 131888.



131891 Rectifier

Replacing: 1-137

50 **Amp/ diode**, **B+/ threaded** 1/4" UNF/1-3/4", **OD** 89.00, **B+ type** Screw, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o
Used w/ HC-CARGO 131890, 131892.

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131892 Rectifier

Replacing: 1-49, 1-48, 1-47, 1-193, 1-18, 1-175, 1-150, 1-148, 1-113, 1-103

Servicing: MA12NDM451

35 **Amp/ diode**, **OD** 89.00, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o

Used w/ HC-CARGO 131891, 131893, 233239, 233243.



131893 Rectifier

Replacing: 1-149, 1-147

50 **Amp/ diode**, **B+/ threaded** 10-24 UNC/1-3/8", **OD** 89.00, **B+ type** Screw, **Diode type** Press-fit, **No./ diodes** 3, **Capacitor** w/o



133380 Rectifier

Replacing: 1-207

Servicing: 8EA37N12, 8EM37N12, 8EM42N24, 8EM65N12

50 **Amp/ diode**, **OD** 89.00, **Mount. dist.** 80.00, **Diode type** Button, **No./ diodes** 6

Rectifier Parts

Diodes



131885# Isolation Diode

Replacing: 1-7, 1-23

Servicing: 8AL2001, 8AL2046F

B+ terminal 1/4" UNF.

Diode Trios

Pkg. 5



131899 Diode Trio

Replacing: 1-130, 1-102

B+ termial 10-24x1 1/2".

Bearings

Roller Bearings



140230 Roller Bearing Kit

Replacing: 90-2058

Servicing: anb7004

Roller bearing: 19.00x31.00 mm, 70.00x19.00 mm. Inner race: 12.70x19.00x25.40 mm.

Fans & Pulleys

Pulleys



232103# Pulley

Replacing: 34-111

Servicing: 25SI, 29SI, 30SI

OD 88.00, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 7.90, **Width** 59.00, **Depth** 25.50, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



232117 Pulley

Servicing: 20SI

OD 94.00, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 26.80, **Width** 93.00, **Depth** 59.00, **Belt type** Double=22, **Pulley type** DP, **Grooves** 2



232118# Pulley

Servicing: 20SI

OD 93.80, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 29.50, **Width** 82.50, **Depth** 48.70, **Belt type** C=17.5, **Pulley type** DP, **Grooves** 2



232160# Pulley

Replacing: 7-37

OD 72.30, **Bore dia.** 15.88, **Bore dia. 2** 5/8", **Width** 30.00, **Depth** 14.20, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



232167 Pulley

Replacing: pu-598g

Servicing: 10SI

OD 78.40, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 25.60, **Depth** 6.50, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1

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232168 Pulley

Replacing: pu-697, 34-399

OD 91.30, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 1.50, **Width** 45.90, **Depth** 12.10, **Belt type** C=17.5, **Pulley type** DP, **Grooves** 2

Sundry Parts

Oil Seals

Pkg. 10



133065 Oil Seal

Replacing: 11-76

ID 28.00, **OD** 47.00, **Height** 7.00

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Rotors

14 Volt



130527 Rotor

Replacing: d3195, d3154, 1986817, 1985493, 1971990, 1891598, 1891587, 1891527, 1891310, 1877070, 1876470

Servicing: 10SI, 1100109, 1100110, 1100111, 1100113, 1100115, 1100119, 1100120, 1100121, 1100122, 1100124, 1100125, 1100127

14 **V**, 61 **Amp**, **Thread size** 0.669-20, **OD** 104.00, **Shaft dia.** 17.00, **Total length** 163.00
Nut: HC-CARGO 132346.



137132 Rotor

Replacing: d3187, d3181, d3177, d3174, d3173, d3172, 1989632, 10499985, 10495681, 10479985, 10474093, 10472287

Servicing: CS130, 10463007, 10463011, 10463012, 10463013, 10463014, 10463015, 10463016, 10463017, 10463043, 10463097, 10463172

14 **V**, 100/105 **Amp**, **Thread size** 0.669-20, **OD** 95.80, **Shaft dia.** 17.00, **Total length** 149.50, **Rotation** CR
Nut: HC-CARGO 132346.



138052 Rotor

Replacing: 120494728, 10490878, 10489033, 10475748, 10451617

Servicing: CS130D, 10463651, 10463940, 10479991, 10480017, 10480071, 10480072, 10480119, 10480167, 10480168, 10480187, 10480189

14 **V**, 100/105 **Amp**, **Thread size** 0.669-20, **OD** 96.00, **Shaft dia.** 17.00, **Total length** 149.00, **Rotation** CR
Nut: HC-CARGO 132346.



138771 Rotor

Replacing: d3159, d3156, 1985646, 1975333, 10472051, 10472050

Servicing: 15SI type 116, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 10479858, 10479860, 10479862

14 **V**, 97/105 **Amp**, **Thread size** 0.669-20, **OD** 107.50, **Shaft dia.** 17.00, **Total length** 167.20
Nut: HC-CARGO 132346. Inner Race: HC-CARGO 141111.



139402 Rotor

Replacing: 10475523, 10475022

Servicing: 10479384, 10479914, 10479923, 10479947, 10479955, 10480214, 10480215, 10480222, 10480225, 10480226, 10480273, 10480384

14 **V**, 100 **Amp**, **Thread size** 0.669-20, **OD** 96.00, **Shaft dia.** 17.00, **Total length** 153.00, **Rotation** CR
Nut: HC-CARGO 132346.



232803 Rotor

Replacing: 10497317, 10495197, 10474407, 10472665, 10470887

Servicing: CS121, 00219091, 10479990, 10479999, 10480000, 10480073, 10480095, 10480096, 10490000, 10490073, 96109301, 96109302

14 **V**, 85 **Amp**, **Thread size** 0.669-20, **OD** 88.50, **Shaft dia.** 17.00, **Total length** 150.00, **Rotation** CR
Nut: HC-CARGO 132346.



232813 Rotor

Replacing: d3158, d3157, 1985476, 1984466, 10475405

Servicing: 12SI, 10480005, 10480058, 1100200, 1100203, 1100204, 1100206, 1100207, 1100208, 1100209, 1100217, 1100225, 1100226

14 **V**, 78/94 **Amp**, **Thread size** 0.669-20, **OD** 104.00, **Shaft dia.** 17.00, **Total length** 163.00
Nut: HC-CARGO 132346.



232818 Rotor

Replacing: d3186, 10470606, 10467263

Servicing: 21SI, 1117839, 1117880, 1117885, 1117886, 1117887, 1117890, 1117891, 1117892, 1117894, 1117895, 1117896, 1117898

14 **V**, 90/160 **Amp**, **Thread size** UNF 5/8", **OD** 108.00, **Shaft dia.** 22.23, **Total length** 201.00
Nut: HC-CARGO 136911.



232820 Rotor

Replacing: 10477782, 10477018

Servicing: 21SI, 19010100, 19010114, 19010115, 19010118, 19010120, 19010124, 19010126, 19010127, 19010129, 19010134, 19010136

14 **V**, 90/160 **Amp**, **Thread size** UNF 5/8", **OD** 108.00, **Shaft dia.** 25.00, **Total length** 209.50
Nut: HC-CARGO 136911. Needle bearing: HC-CARGO 140773.

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232821 Rotor

Replacing: 10492756

Servicing: 22SI

14 **V**, 100 **Amp**, **Thread size** UNF 5/8", **OD** 108.00, **Shaft dia.** 22.23, **Total length** 209.50
Nut: HC-CARGO 136911.



232822 Rotor

Replacing: 10493722

Servicing: 22SI, 19020310

14 **V**, 145 **Amp**, **Thread size** UNF 5/8", **OD** 108.00, **Shaft dia.** 22.23, **Total length** 209.50
Nut: HC-CARGO 136911.



233390 Rotor

Servicing: 219137, 219138, 219139, 219187, 219199, 219202, 96224431, 96224432, 96252115, 96252551

14 **V**, 85 **Amp**, **Thread size** 0.669-20, **OD** 88.50, **Shaft dia.** 17.00, **Total length** 150.50, **Rotation** CR
Nut: HC-CARGO 132346.

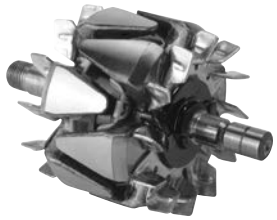


234341 Rotor

Replacing: 19052897

Servicing: AD244

14 **V**, 130 **Amp**, **Thread size** M17-1.25, **OD** 108.00, **Shaft dia.** 17.00, **Total length** 152.00, **Rotation** CR
Draw 7.5 A. Stator: HC-CARGO 233665. Nut: HC-CARGO 132346.



331772 Rotor

Servicing: 8400157, 8400159, 8400219

14 **V**, 100 **Amp**, **Thread size** M16-1.50, **OD** 96.00, **Shaft dia.** 17.00, **Total length** 154.20

28 Volt



138127 Rotor

Replacing: 1978873

Servicing: 27SI, 1100077, 1100211, 1100274, 1105474, 1105475, 1105476

28 **V**, 65 **Amp**, **Thread size** UNF 5/8", **OD** 117.00, **Shaft dia.** 22.23, **Total length** 218.00
Nut: HC-CARGO 136911.



138129 Rotor

Replacing: 10470690

Servicing: 21SI, 1117897, 1117900, 1117915, 1117944

28 **V**, 55/70 **Amp**, **Thread size** UNF 5/8", **OD** 108.00, **Shaft dia.** 22.23, **Total length** 200.50, **Rotation** CR
w/ short needle bearing: HC-CARGO 140772.
Nut: HC-CARGO 136911.



232823 Rotor

Replacing: 10477863

Servicing: 21SI, 19010108, 19010111, 19010182, 19010185, 19010193, 19020382, 19020391

28 **V**, 50/70 **Amp**, **Thread size** M16-1.50, **OD** 108.00, **Shaft dia.** 22.23, **Total length** 210.00
Nut: HC-CARGO 136911. Needle bearing: HC-CARGO 140136.

Rotor Parts

Slip Rings



130561 Slip Ring

Servicing: 10DN, 10SI, 27SI/100, 27SI/200, 1100127, 1100140, 1100141, 1100145, 1100150, 1100151, 1100153, 1100158, 1100159

ID 18.00, **OD** 30.00, **Total length** 27.80

Pkg. 10



130843 Slip Ring

Replacing: 92100510

Servicing: 014, 018, 023, 026, 027, 028, 037, 038, 042, 048, 049, 050, 051, 052, 058, 059, 060, 061, 062, 065, 066, 067, 068, 069

ID 12.00, **OD** 22.50, **Total length** 24.40

Pkg. 10



132295 Slip Ring

Servicing: 15SI, 1117900

ID 30.00, **OD** 17.00, **Total length** 28.00

Pkg. 10



133924 Slip Ring

Replacing: 1989640

Servicing: CS121, -130, 10463007, 10463011, 10463012, 10463013, 10463014, 10463015, 10463016, 10463017, 10463043, 10463097

ID 13.20, **OD** 26.40, **Total length** 23.80

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Pkg. 16



136682 Slip Ring

Replacing: 10475751

Servicing: CS130D, 10463651, 10463940, 10479384, 10479914, 10479923, 10479947, 10479955, 10479991, 10480017, 10480072, 10480167

ID 7.10/8.40, **OD** 14.85, **Total length** 20.30

Pkg. 10



232401 Slip Ring

Servicing: AD230, -237, -244, 15062413

ID 8.45, **OD** 15.00, **Total length** 20.00

Pkg. 5



233118 Slip Ring

Replacing: 10492757

Servicing: 22SI, 19020307, 19020346, 19020366, 19020376, 19020382, 19020383

ID 17.12, **OD** 28.00, **Total length** 32.80

Rotors: HC-CARGO 232821, 232822.

Pkg. 5



233281 Slip Ring

Servicing: CS144

ID 17.15, **OD** 29.50, **Total length** 33.14

Used on late style rotor.

Pkg. 5



233936 Slip Ring

Servicing: 15SI, 17SI, CS144

ID 17.30, **OD** 29.30, **Total length** 33.00

Spacers

Pkg. 10



234717 Spacer

Replacing: 1984476

Servicing: 1100200, 1100206, 1100207, 1100208, 1100209, 1100217, 1100237, 1100239, 1100240, 1100241, 1100242, 1100243, 1100244

ID 17.50, **OD** 26.00, **Height** 6.80

Nuts

Pkg. 10



132346 Shaft Nut

Replacing: 806915, 2909321, 1915172, 10457349

Servicing: 10DN, 10SI, 3G series, 10480206, 15062413

Thread .668-20T/IN, **OD** 5/16", **Lock nut** No

Pkg. 5



136911 Nut

Replacing: 9439567, 9418881, 443344, 1941881, 10476337

Servicing: 10459002, 10459003, 10459004, 10459005, 10459006, 10459007, 10459008, 10459009, 10459010, 1100056, 1100057, 1100059

Thread 5/8"-UNF, **OD** 23.55, **Lock nut** No

Various



230026 Rotor Coil

Replacing: 1894474

Servicing: 20SI, 1117619, 1117622, 1117623, 1117625, 1117640, 1117642, 1117643, 1117644, 1117645, 1117647, 1117655

28 **V**, 35/50 **Amp**, **OD** 82.50



230027 Rotor Coil

Replacing: 1969133

Servicing: 25SI, 10459006, 10459007, 1117069, 1117226, 1117229, 1117236, 1117238, 1117239, 1117243, 1117248, 1117249, 1117250

28 **V**, 50 **Amp**



232811 Rotor Coil

Replacing: 10491238

Servicing: 33SI, 34SI, 19011150, 19011151, 19011152, 19011154, 19011155, 19011156, 19011157, 19011158, 19011159, 19011160

14 **V**, 135 **Amp**

Stators



131862 Stator

Replacing: 1968892

Servicing: 25SI, 26SI, 10459003, 10459005, 10459007, 1117069, 1117155, 1117225, 1117227, 1117228, 1117231, 1117232, 1117234

28 **V**, 75 **Amp**, **ID** 115.00, **OD** 157.80, **OD 2** 152.00, **Height** 25.50, **Terminals** 3

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131864 Stator

Replacing: 1971465

Servicing: 10459006, 1117226, 1117233, 1117236, 1117237, 1117239, 1117246, 1117248, 1117250, 1117253, 1117254, 19010001, 19010003

28 - 36 **V**, 50 **Amp**, **ID** 116.00, **OD** 158.20, **OD 2** 152.00, **Height** 25.50, - **Terminals** 3

Grommet: HC-CARGO 232685.

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14 Volt



130525 Stator

Replacing: 800137, 1971986, 1962025, 1959531, 1959381, 1891581

Servicing: 10DN, 10480058, 1100056, 1100057, 1100059, 1100063, 1100064, 1100065, 1100066, 1100067, 1100068, 1100071, 1100092

14 **V**, 61 **Amp**, **ID** 103.55, **OD** 139.70, **OD 2** 134.50, **Height** 20.60, **Terminals** 3



130526 Stator

Replacing: 1971639, 1894562, 1851572

Servicing: 10SI, 1100109, 1100111, 1100113, 1100114, 1100119, 1100120, 1100121, 1100122, 1100124, 1100125, 1100129, 1100130

14 **V**, 61 **Amp**, **ID** 104.00, **OD** 140.40, **OD 2** 134.50, **Height** 19.50, **Terminals** 3



131855 Stator

Replacing: 1986931, 1986757, 1986130, 1984584, 1984445

Servicing: 12SI, 10480005, 10480058, 1100154, 1100155, 1100156, 1100162, 1100164, 1100165, 1100166, 1100167, 1100168, 1100169

14 **V**, 66/78 **Amp**, **ID** 104.50, **OD** 140.50, **OD 2** 134.50, **Height** 25.20, **Terminals** 3



131856 Stator

Replacing: 1987074, 10497041

Servicing: 12SI, 1101134, 1101240, 1101241, 1101245, 1101299, 1101301, 1101302, 1101304, 1101305, 1101308, 1101324, 1101484

14 **V**, 94 **Amp**, **ID** 104.50, **OD** 140.50, **OD 2** 134.50, **Height** 24.00, **Terminals** 3



133927 Stator

Replacing: 10497320, 10495208, 10472397

Servicing: CS121, 10479816, 1101176, 1101199, 1101291, 1101321, 1101483, 1101551, 1102615, 219053, 96109301, 96109302

14 **V**, 61/74 **Amp**, **ID** 89.00, **OD** 121.50, **OD 2** 118.00, **Height** 20.30, **Terminals** 3



133933 Stator

Replacing: 10498145, 10495643, 10495350, 10471482

Servicing: CS130, 10463007, 10463011, 10463012, 10463013, 10463014, 10463015, 10463016, 10463017, 10463043, 10463097, 10463172

14 **V**, 105 **Amp**, **ID** 96.00, **OD** 130.00, **OD 2** 126.00, **Height** 21.40, **Terminals** 3



133934 Stator

Replacing: 1989705, 10494279, 10472882, 10472540, 10469216, 10468714

Servicing: CS144, 21SI, 22SI, 10479809, 10479836, 10479838, 10479839, 10479843, 10479844, 10479847, 10479852, 10479853, 10479854

14 **V**, 145 **Amp**, **ID** 108.00, **OD** 144.20, **Height** 28.00, **Terminals** 3



135145# Stator

Replacing: 1894594

Servicing: 10SI, 1102918, 1102919, 1102920, 1102924, 1102925, 1102927, 1102934, 1102940, 1103132, 1103164, 1103167, 1103171

14 **V**, 18/42 **Amp**, **ID** 104.00, **OD** 140.50, **OD 2** 134.50, **Height** 20.00, **Terminals** 3

24 V. 40 A.



135611 Stator

Replacing: 3493138, 3493108, 3493014

Servicing: 062, 093, 106, 121, 130, 134, 170, 210, 230, 234, 244, 3472062, 3472093, 3472105, 3472106, 3472120, 3472121, 3472130

14 **V**, 70 **Amp**, **ID** 93.00, **OD** 128.00, **Height** 26.00, **Terminals** 3



137052 Stator

Replacing: 10476400, 10475742, 10475450, 10475030

Servicing: CS130D, 10463651, 10463940, 10479384, 10479914, 10479923, 10479947, 10479955, 10479991, 10480017, 10480071, 10480072

14 **V**, 100/105 **Amp**, **ID** 97.00, **OD** 130.00, **Height** 26.00, **Terminals** 3

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#Available while stock last, * Program development.

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232798[#] Stator

Replacing: 1876804

Servicing: 30SI, 10459004, 10459009, 10459010, 1117067, 1117068, 1117481, 1117482, 1117483, 1117484, 1117485, 1117732, 1117735

14 **V**, 90 **Amp**, **ID** 117.00, **OD** 158.50, **OD 2** 152.00, **Height** 25.20, **Terminals** 3

Grommet: HC-CARGO 232634.



232799 Stator

Replacing: 10471056

Servicing: 21SI, 22SI, 1117899, 1117916, 1117917, 1117919, 1117920, 1117921, 1117922, 1117924, 1117926, 1117933, 1117934, 1117936

14 **V**, 145/160 **Amp**, **ID** 108.00, **OD** 144.30, **Height** 28.00, **Terminals** 3



232801 Stator

Replacing: 10497825

Servicing: 30SI, 10459008, 1117801, 1117802, 1117807, 1117809, 1117811, 1117812, 1117813, 1117816, 1117817, 1117818, 1117819

14 **V**, 105 **Amp**, **ID** 116.00, **OD** 158.00, **OD 2** 152.00, **Height** 25.50, **Terminals** 3



232802 Stator

Replacing: 10476626, 10469997

Servicing: CS121, 00219091, 00219099, 10479949, 10479990, 10479999, 10480000, 10480073, 10480095, 10480096, 10490000, 10490073

14 **V**, 80 **Amp**, **ID** 89.00, **OD** 121.50, **OD 2** 118.00, **Height** 19.80, **Terminals** 3



232804 Stator

Replacing: 10470439

Servicing: CS144, 10479817, 10479821, 10479891, 10479895, 10480008, 10480018, 10480019, 10480023, 10480026, 10480048, 10480051

14 **V**, 145 **Amp**, **ID** 108.00, **OD** 144.20, **Height** 28.10, **Terminals** 3



232806 Stator

Replacing: 10491242

Servicing: 33SI, 34SI, 19011152, 19011155, 19011156, 19011159, 19011161, 19011163, 19011167, 19011170, 19011171, 19011172

14 **V**, 135 **Amp**, **ID** 116.00, **OD** 158.00, **OD 2** 152.00, **Height** 25.39, **Terminals** 3



233114 Stator

Replacing: 10492139

Servicing: 33SI, 34SI, 19011150, 19011157, 19011213

14 **V**, 110 **Amp**, **ID** 116.00, **OD** 158.10, **OD 2** 152.00, **Height** 26.00, **Terminals** 3



233391 Stator

Servicing: 219187, 96224431, 96224432, 96252551

14 **V**, 85 **Amp**, **ID** 89.00, **OD** 122.25, **OD 2** 118.00, **Height** 22.50, **Terminals** 4



234343 Stator

Replacing: 10467994, 10467261

Servicing: 21SI, 22SI, 1117839, 1117880, 1117885, 1117886, 1117887, 1117890, 1117892, 1117894, 1117895, 1117903, 1117912, 1117927

14 **V**, 100 **Amp**, **ID** 108.00, **OD** 144.00, **Height** 28.00, **Terminals** 3



235259 Stator

Servicing: 96380673

14 **V**, 65 **Amp**, **ID** 90.00, **OD** 115.00, **OD 2** 112.00, **Height** 20.40, **Terminals** 4

28 Volt



131861 Stator

Replacing: 1974548, 1894467

Servicing: 20SI, 1117619, 1117622, 1117623, 1117625, 1117640, 1117642, 1117643, 1117644, 1117645, 1117647, 1117655

28 **V**, 45 **Amp**, **ID** 104.50, **OD** 141.60, **OD 2** 134.50, **Height** 26.00, **Terminals** 3



132045 Stator

Replacing: 1988085, 1876769

Servicing: 29SI, 30SI, 1117163, 1117648, 1117649, 1117733, 1117734, 1117746, 1117747, 1117825, 1117826

28 **V**, 60 **Amp**, **ID** 115.00, **OD** 152.00, **Height** 24.80, **Terminals** 3

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[#]Available while stock last, * Program development.



232805 Stator

Replacing: 10470875, 10470688

Servicing: 21SI, 22SI, 1117897, 1117900, 1117915, 1117944, 19010108, 19010111, 19010182, 19010185, 19010193, 19020307, 19020346

28 **V**, 55/70 **Amp**, **ID** 108.00, **OD** 144.65, **Height** 28.50, **Terminals** 3



235863 Stator

Replacing: 1986280

Servicing: 10480060, 1100203, 1100204, 1100225, 1100226, 1100227, 1100228, 1100229, 1100230, 1100231, 1100232, 1100233, 1100234

28 **V**, 40 **Amp**, **ID** 105.00, **OD** 135.00, **Height** 20.00, **Terminals** 3

Brackets

D.E. Brackets



134387 D.E. Bracket

Replacing: 3472681

Servicing: 051, 053, 220, 3472051, 3472053, 3472220

Bearing: HC-CARGO 142269.



134388# D.E. Bracket

Replacing: 3472451, 3472449, 3472447

Servicing: 022, 024, 027, 028, 037, 038, 048, 049, 3472022, 3472024, 3472027, 3472028, 3472032, 3472033, 3472037, 3472038, 3472048

Bearing: HC-CARGO 142269.



136747 D.E. Bracket

Servicing: 1101199

Bearing: HC-CARGO 142269.



136749 D.E. Bracket

Replacing: 10475013

Servicing: 10479384, 10479923, 10479947, 10480222, 10480225, 10480273, 10480384, 3493225, 3493273, 3493409, 3493459, 3493823

Bearing: HC-CARGO 142270.



137130 D.E. Bracket

Replacing: 10495358, 10476024, 10468200

Servicing: CS130, 10479807, 10479808, 10479906, 10479912, 10479921, 10479993, 10480028, 10480087, 1101054, 1101110, 1101111

Bearing: HC-CARGO 142269.



137519 D.E. Bracket

Replacing: 10496032, 10495572, 10473937, 10473402

Servicing: CS130, 10463013, 10463014, 10463016, 10463017, 10463187, 10463197, 10479806, 10479814, 10479902, 10479903, 10479905

Bearing: HC-CARGO 142269.



138696 D.E. Bracket

Replacing: 800135, 1987105, 1959917

Servicing: 10DN, 10SI, 1100486, 1100487, 1100490, 1100491, 1100492, 1100493, 1100494, 1100497, 1100542, 1100557, 1100558, 1100566

Bearing: HC-CARGO 142269.



138697 D.E. Bracket

Replacing: 1987054, 1987051, 1984464

Servicing: 12SI, 10480005, 10480058, 10480060, 1100200, 1100203, 1100204, 1100206, 1100207, 1100208, 1100209, 1100217, 1100226

Bearing: HC-CARGO 142269.



139254 D.E. Bracket

Replacing: 10498213, 10468477, 10468447

Servicing: CS130, 1101167, 1101170

Bearing: HC-CARGO 142269.



139284# D.E. Bracket

Replacing: d3453, 1989634, 1989631, 10468201

Servicing: CS130, 10463097, 10479874, 1101125, 1101126, 1101127, 1101138, 1101141, 1101150, 1101151, 1101184, 1101464, 1101465

Bearing: HC-CARGO 142269.

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139873 D.E. Bracket

Replacing: 10498009

Servicing: CS121, 10480000, 10480073, 10490000, 10490073, 1101563, 1101564, 96109301, 96109302, 96252547

Bearing: HC-CARGO 142269.



230916 D.E. Bracket

Replacing: 10496672, 10496671

Servicing: CS130, 10463007, 10480088, 1101127, 1101158, 1101179, 1101181, 1101186, 1101229, 1101264, 1101272, 1101273, 1101275

Bearing: HC-CARGO 142269.



230917 D.E. Bracket

Replacing: 10499700

Servicing: CS130, 10479901, 10479962, 10480027, 10480040, 1101310, 1101577, 1101649, 1101650, 1102604, 1102607

Bearing: HC-CARGO 142269.



230918 D.E. Bracket

Replacing: 10499096, 10499095

Servicing: CS130, 10463176, 10479097, 10479897, 10480037, 1101101, 1101107, 1101466, 1101467, 1101606, 1102602, 1102603

Bearing: HC-CARGO 142269.



230922 D.E. Bracket

Replacing: 1987997, 1986206, 1984537

Servicing: 12SI, 1100165, 1100198, 1100199, 1100280, 1100281, 1100294, 1100297, 1101303, 1101305, 1105025, 1105027, 1105028

Bearing: HC-CARGO 142269.



230925[#] D.E. Bracket

Replacing: 10476368, 10476367

Servicing: CS130, 10463011, 10463012, 10463015, 10480083, 10480085, 10480088, 10480089, 10480090, 10480091, 10480092, 10480093

Bearing: HC-CARGO 142270. Bearing plate: HC-CARGO 234041.



230927 D.E. Bracket

Replacing: 10467267

Servicing: 21SI, 1117839, 1117880, 1117885, 1117886, 1117887, 1117890, 1117891, 1117892, 1117894, 1117895, 1117896, 1117897

Bearing: HC-CARGO 142284.



230932 D.E. Bracket

Replacing: 10476293, 10476292

Servicing: CS130, 10479895, 10480105, 10480114, 10480134, 10480136, 10480137, 1101139, 1101140, 1101142, 1101143, 1101148, 1101149

Bearing: HC-CARGO 142270. Bearing plate: HC-CARGO 234041.



230933 D.E. Bracket

Replacing: 10477178, 10476236, 10475377, 10475376

Servicing: CS130, 10463172, 10480055, 10480069, 10480082, 10480084, 10480086, 10480087, 10480094, 10480097, 10480099, 10480104

Bearing: HC-CARGO 142270. Bearing plate: HC-CARGO 234041.



231939 D.E. Bracket

Servicing: 10479214, 10479215, 10480214, 10480215, 1080214, 1080215, 462, DRX08378

Bearing: HC-CARGO 142270.



232236 D.E. Bracket

Replacing: d3443, 1987104, 1985642, 1974937

Servicing: 10SI, 1100110, 1100127, 1100130, 1100131, 1100132, 1100133, 1100140, 1100141, 1100142, 1100143, 1100145, 1100146

Bearing: HC-CARGO 142269.



232256 D.E. Bracket

Replacing: 10492103, 10488598

Servicing: CS130D, 10463651, 10463940, 10480167, 10480168, 10480170, 10480198, 10480251, 10480254, 10480308

Bearing: HC-CARGO 142270.

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[#]Available while stock last, ***** Program development.



232259 D.E. Bracket

Replacing: 10492754

Servicing: 22SI, 19020300, 19020302, 19020303, 19020304, 19020305, 19020306, 19020307, 19020308, 19020309, 19020310, 19020312

Bearing: HC-CARGO 140279.



232426 D.E. Bracket

Bearing: HC-CARGO 142270.



233392 D.E. Bracket

Replacing: 210667

Servicing: 219138, 219139, 219187, 219202, 96224431, 96252551

Bearing: HC-CARGO 142269.



234659 D.E. Bracket

Replacing: 10451525

Bearing: HC-CARGO 142318.



235117 D.E. Bracket

Replacing: 3472878

Servicing: 059, 061, 082, 104, 106, 139, 204, 239, 3472059, 3472061, 3472082, 3472104, 3472105, 3472106, 3472139, 3472204, 3472706

Bearing: HC-CARGO 142269.

S.R.E. Brackets



134389 S.R.E. Bracket

Replacing: 3472571

Servicing: 022, 024, 027, 028, 032, 033, 035, 037, 038, 042, 048, 049, 050, 051, 052, 053, 220, 3472022, 3472024, 3472027, 3472028

ID/ bearing hole 17.00



135946 S.R.E. Bracket

Replacing: 3493200

Servicing: 104, 106, 121, 130, 134, 139, 219, 230, 234, 239, 242, 243, 244, 3472104, 3472105, 3472106, 3472119, 3472120, 3472121

ID/ bearing hole 17.00



136748 S.R.E. Bracket

Servicing: 1101199

ID/ bearing hole 27.95



136750 S.R.E. Bracket

Replacing: 10475007

Servicing: 10479384, 10479923, 10479947, 10480222, 10480225, 10480273, 10480384, 3493225, 3493273, 3493409, 3493459, 3493823

ID/ bearing hole 37.00

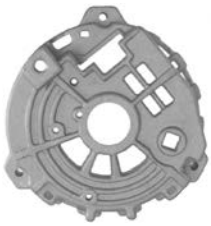


137131 S.R.E. Bracket

Replacing: 1989656, 10479357, 10474266, 10473709

Servicing: CS130, 10463007, 10463011, 10463012, 10463013, 10463014, 10463015, 10463016, 10463017, 10463043, 10463097, 10463172

ID/ bearing hole 28.00



139869 S.R.E. Bracket

Replacing: 10496053

Servicing: CS121, 00219091, 10479816, 10479990, 10479999, 1101168, 1101171, 1101172, 1101175, 1101176, 1101291, 1101321, 1101483

ID/ bearing hole 24.00



230875 S.R.E. Bracket

Replacing: 1971526, 1852101, 1851201, 1846523

Servicing: 10SI, 1100490, 1100491, 1100492, 1100493, 1100497, 1100582, 1100583, 1100584, 1100585, 1100587, 1100825, 1100826

ID/ bearing hole 24.00



230877 S.R.E. Bracket

Replacing: 1974939

Servicing: 10SI, 1100109, 1100110, 1100111, 1100113, 1100115, 1100119, 1100120, 1100121, 1100122, 1100124, 1100125, 1100127

ID/ bearing hole 24.00



230879 S.R.E. Bracket

Replacing: 1987073, 1987056, 1985837, 1984460

Servicing: 12SI, 10480005, 1100200, 1100203, 1100204, 1100206, 1100207, 1100208, 1100209, 1100217, 1100225, 1100226, 1100227

ID/ bearing hole 24.00



230939# S.R.E. Bracket

Replacing: 1892960, 1892959

Servicing: 25SI, 10459003, 10459005, 10459006, 10459007, 1117069, 1117155, 1117225, 1117226, 1117227, 1117228, 1117229, 1117231

ID/ bearing hole 30.13



232278 S.R.E. Bracket

Replacing: 10475434, 10467269

Servicing: 21SI, 1117839, 1117880, 1117885, 1117886, 1117887, 1117890, 1117891, 1117892, 1117894, 1117895, 1117896, 1117897

ID/ bearing hole 24.00



232285# S.R.E. Bracket

Replacing: 10492086, 10475766

Servicing: CS130D, 10479981, 10479984, 10479991, 10480017, 10480043, 10480072, 10480074, 10480076, 10480078, 10480187, 10480188

ID/ bearing hole 38.00

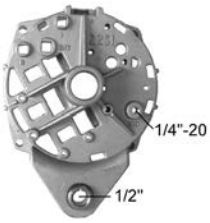


232291 S.R.E. Bracket

Replacing: 10498600, 10492080, 10488600

Servicing: CS130D, 10463651, 10463940, 10480167, 10480168, 10480170, 10480198, 10480251, 10480254, 10480308

ID/ bearing hole 38.00



232293 S.R.E. Bracket

Replacing: 10492747

Servicing: 22SI, 19020302, 19020303, 19020304, 19020305, 19020306, 19020307, 19020308, 19020309, 19020310, 19020312, 19020346



234337 S.R.E. Bracket

Replacing: 210930

Servicing: 219138, 219139, 219202



234932 S.R.E. Bracket

Servicing: 10480214, 10480215, 462, DRX08378

ID/ bearing hole 38.00

Bracket Parts

Mounting Bushings

Pkg. 5



138435 Mounting Bushing

Servicing: 170, 3472170, 3472171

ID 10.20, **OD** 14.00, **OD/ collar** 22.00, **Length** 17.80, **Height/ collar** 3.00



232737 Mounting Bushing

Replacing: 1968990, 1892765

Servicing: 20SI, 21SI, 22SI, 25SI, 26SI, 27SI/200, 29SI, 30SI, 33SI, 34SI, 10459002, 10459003, 10459004, 10459005, 10459006

ID 12.70, **OD** 22.23, **Length** 20.30



232742 Mounting Bushing

Replacing: 10498833

Servicing: CS130, 10479914, 10479923, 10479947, 10479955, 10479969, 10479976, 10480025, 10480157, 10480172, 10480181, 10480214

ID 10.00, **OD** 16.00-22.00, **OD/ collar** 21.95, **Length** 20.00, **Height/ collar** 3.10

Pkg. 5



232745 Mounting Bushing

Replacing: 10476382

Servicing: CS130D, CS144, 10479923, 10479947, 10480077, 10480211, 10480222, 3493823, 3493847, 3493848, 824

ID 10.00, **OD** 16.00-22.00, **OD/ collar** 21.90, **Length** 21.00, **Height/ collar** 3.00

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Bearing Retainer Plates



137704 Bearing Retainer

Servicing: CS121, CS130

ID 28.50

Pkg. 5



137705 Bearing Retainer

Servicing: CS130D

ID 41.35, **OD** 56.50, **Height** 17.50

For bearing 6303.

Pkg. 5



231448 Bearing Retainer

Servicing: CS144

ID 37.80, **Height** 60.00

Used w/ bearing: HC-CARGO 140093.

Pkg. 5



232734 Bearing Retainer Plate

Replacing: 1988674, 1977674, 1911263

Servicing: 10DN, 10SI, 12SI, 15SI, 17SI, 10479809, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 10479838

ID 32.60, **OD** 56.80, **Thickness** 1.35, **No./ mount. holes** 3, **Gasket** w/o

Pkg. 5



232736 Bearing Retainer

Servicing: CS130

ID 44.50, **OD** 69.20

Bearing plate for 6303. Bearing used w/ D.E bracket.

Pkg. 5



232763 Bearing Retainer Plate

Replacing: 10467271

Servicing: 21SI, 22SI, 3G series, 1117839, 1117880, 1117885, 1117886, 1117887, 1117890, 1117891, 1117892, 1117894, 1117895

ID 53.55, **ID/ threaded hole** 5.90, **OD** 75.00, **Thickness** 2.00, **No./ mount. holes** 3

NEW PRODUCT
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238165

Servicing: 219170, 219235, 219251, 219292, 96380673

ID 15.94, **OD** 43.88

Bearing Springs

Pkg. 10



136296 Spring

ID 33.00, **OD** 39.10, **Thickness** 0.50, **Material** Steel

For 6203 bearing.

Bearing Caps

Pkg. 10



133038 Bearing Cap

Replacing: 10469356

Servicing: CS121, CS130, 10463013, 10463014, 10463016, 10463017, 10463176, 10479097, 10479814, 10479874, 10479902, 10479906

ID 26.00, **OD** 28.00, **Height** 11.30

Pkg. 5



134428 Bearing Cap

Servicing: 1101551

ID 27.00, **OD** 29.20, **Height** 25.80

Pkg. 10



231447 Bearing Cap

Replacing: 10473712

Servicing: 10463172, 10463176, 10463187, 10463197, 10479097, 10479895, 10479897, 10479901, 10479902, 10479903, 10479905, 10479906

ID 26.00, **OD** 28.00, **Height** 9.50

Used w/ bearing: HC-CARGO 140271, 140784.

Pkg. 5



232049 Bearing Cap

Replacing: 10476122

ID 26.00, **OD** 28.00, **Height** 35.00

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#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



232635 Bearing Cap

Servicing: AD230, -237, -244, 10479384, 10479923, 10479947, 10479955, 10480222, 10480225, 10480384, 15062413, 219235, 219251

ID 35.00, **OD** 37.00, **Height** 12.70

Pkg. 5



331007 Bearing Cap

Servicing: 219170, 96380673

ID 35.05, **OD** 37.20, **Height** 13.60

Various

Pkg. 5



139875 Bracket

Replacing: 10476121

Servicing: CS121, 10480095, 10480096, 219137, 219138, 219139, 219187, 219199, 219202, 96224431, 96224432, 96252115, 96252551

OD 34.70, **Height** 3.00



232732[#] Debris Shield

Replacing: 10474067

Servicing: 21SI, 1117898, 1117965, 19010178, 19010180, 19010181, 19010182, 19010190, 19010191, 19010192

ID 134.25, **OD** 136.90, **Height** 45.80

Dust cover, D.E. bearing.

Pkg. 10



232754 Washer

Servicing: AD230, -237, -244, 15062413

ID 14.90, **OD** 32.00, **Thickness** 1.00, **Material** Steel

Pkg. 10



233410 Screw

Replacing: 1975736, 1965104

Servicing: 10SI, 12SI, 15SI, 17SI, 20SI, 21SI, 22SI, 27SI, 10479809, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833

Thread 10.00-24.00, **Thread length** 1/2", **Head type** Hex washer

5/16". For bearing plate.

Covers



136596 S.R.E. Cover

Replacing: 10475017

Servicing: 10479384, 10479914, 10479923, 10479947, 10479955, 10480222, 10480225, 10480226, 10480273, 10480384, 3493225, 3493226



137055 S.R.E. Cover

Replacing: 10475768

Servicing: CS130D, 10479981, 10479984, 10479991, 10480017, 10480043, 10480071, 10480072, 10480119, 10480187, 10480188, 10480189



138879 S.R.E. Cover

Servicing: 10479214, 10480214, 10480215, 462, DRX08378



232302 S.R.E. Cover

Replacing: 10493612, 10488602

Servicing: CS130D, 10463651, 10463940, 10480079, 10480167, 10480168, 10480170, 10480198, 10480251, 10480308



234066 S.R.E. Cover

Servicing: 96380673

Pkg. 10



234760 Cover

Servicing: 219137, 219138, 219139, 219187, 219199, 219202, 96252115

OD 105.00, **Height** 92.92, **Material** Plastic



238164 S.R.E. Cover

Servicing: 219170, 219235, 219292, 96380673

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

[#]Available while stock last, ***** Program development.

Regulators

7 Volt



234058 Regulator

Servicing: 10SI series

7.7 **V setting**, **Dist. mount. holes** 36.60, **Regulator type** Electronic

Converts 12 V to 6 V system. Very low "cut-in". 1 wire hook-up.

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14 Volt



130505 Regulator

Replacing: d663, d6353, d635, d634, d632, d631, 1119519, 1119515, 1119512, 1119507, 1119506

Servicing: 10DN, 20DN

14.5 **V setting**, **Dist. mount. holes** 91.00, **Regulator type** Electronic, **Terminal type** F-S-B+-L



130509 Regulator

Replacing: d27, 9343233, 1876388, 1116390, 1116369, 1116360

Servicing: 27SI, 30SI, 1100072, 1100073, 1100075, 1100076, 1102393, 1117141, 1117142, 1117143, 1117144, 1117145, 1117146

14.2 **V setting**, **Dist. mount. holes** 32.25, **Regulator type** Electronic

---



130664 Regulator

Replacing: 7982866, 7982614, 7934605, 7934604

Servicing: 7934505, 7982572, 7982574, 7982575, 7982600, 7982601, 7982604, 7982614, 7982698, 7982740, 7982741, 7982742, 7982743

14.7 **V setting**, **Dist. mount. holes** 37.50



130668 Regulator

Replacing: dr680, dr668, dr667, dr666, dr608, dr607, dr606, dr600, d680, d668, d667, d666, 7982673, 7846932

Servicing: 10SI, 12SI, 15SI, 17SI, 27SI, 014, 018, 022, 023, 024, 026, 027, 028, 032, 035, 037, 048, 050, 051, 052, 053, 060, 061

14.7 **V setting**, **Dist. mount. holes** 33.00, **Regulator type** Electronic

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131044 Regulator

Replacing: 3493050, 3472557

Servicing: 022, 024, 027, 028, 032, 033, 035, 037, 038, 048, 049, 053, 058, 059, 060, 061, 062, 065, 066, 068, 070, 091, 093, 188

14.7 **V setting**, **Dist. mount. holes** 30.80



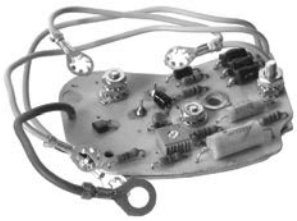
131900 Regulator

Replacing: d674, 1988988

Servicing: 12SI, 17SI, 10479864, 10479866, 10479868, 10479870, 10479915, 10479916, 1101215, 1101258, 1101290, 1101309, 1105481

14.4 **V setting**, 7 **Amp**, **Dist. mount. holes** 33.00, **Regulator type** Electronic

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131901 Regulator

Replacing: 1968949, 1892812, 10498812, 10457103

Servicing: 25SI, 1117155, 1117225, 1117227, 1117228, 1117231, 1117234, 1117240, 1117241, 1117242, 1117244, 1117251, 1117255

14.2 **V setting**, **Dist. mount. holes** 48.00, **Regulator type** Electronic

Neg. ground.



131904 Regulator

Replacing: d699, d675, 1116428, 1116408

Servicing: CS130, CS144, 10479843, 10480011, 10480033, 1101124, 1101146, 1101158, 1101184, 1101325, 1101326, 1101329, 1101331

14.6 **V setting**, **Dist. mount. holes** 67.00, **Regulator type** Electronic

Nr. 408 on regulator box. 2.5 sec. LCR. soft start.



131905 Regulator

Replacing: d698, d685, d677, 3493099, 19009769, 19009752, 1116437, 1116436, 1116429, 1116411

Servicing: CS121, CS130, CS144, 00219091, 10479806, 10479807, 10479808, 10479809, 10479817, 10479836, 10479838, 10479839, 10479844

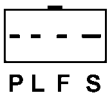
14.6 **V setting**, **Dist. mount. holes** 67.00, **Regulator type** Electronic

2.5 sec. LRC. Soft start.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.





131906 Regulator

Replacing: d684, d678, 19009712, 1116434, 1116412

Servicing: 10479806, 10479920, 10480018, 10480019, 10480120, 10480177, 10480186, 10480204, 1101133, 1101259, 1101270, 1101295

14.2 **V setting**, **Dist. mount. holes** 67.00, **Regulator type** Electronic
10 sek. LRC. Soft start.



132929 Regulator

Replacing: 3493079, 3493030, 3493029

Servicing: 219, 242, 243, 3472104, 3472105, 3472106, 3472119, 3472120, 3472121, 3472128, 3472130, 3472134, 3472135, 3472136

14.8 **V setting**, 5 **Amp**, **Dist. mount. holes** 27.45
White plastic base. Rectifier: HC-CARGO 131458.



132930 Regulator

Replacing: 3493080

Servicing: 104, 106, 121, 130, 134, 139, 230, 234, 239, 244, 3472104, 3472105, 3472106, 3472120, 3472121, 3472130, 3472134

14.8 **V setting**, 8 **Amp**, **Dist. mount. holes** 31.65, **Regulator type** Electronic
Black plastic base. Rectifier: HC-CARGO 132931.

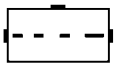


133073 Regulator

Replacing: 9345333, 9315333, 9315303

Servicing: 042, 3472042

14.7 **V setting**, **Dist. mount. holes** 30.90
As HC-CARGO 131044, but w/ long sensing pin.



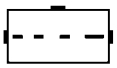


133581 Regulator

Replacing: d683, 1116425

Servicing: CS130, CS144, 10479852, 10479959, 10479976, 10480022, 10480023, 10480088, 10480089, 10480093, 10480098, 10480156

Dist. mount. holes 67.00, **Regulator type** Electronic, **Terminal type** P-L-I-S
2.5 sec. LRC. Soft start.





133582 Regulator

Replacing: d681, d600a, 19009730, 1116445, 1116430, 1116413

Servicing: CS144, 10479895, 10480008, 1101296, 10480048, 10480205, 10480227, 1101294, 1101490, 1101518, 1101519, 1101578, 1101847

Dist. mount. holes 67.00, **Regulator type** Electronic
10 sec. LRC. Soft start.



133589# Regulator

Replacing: 16148399, 1116432

Servicing: CS121, 1101199, 96109301, 96109302

14.7 **V setting**, **Dist. mount. holes** 58.30, **Regulator type** Electronic
L-terminal drives the choke. Soft start.



134343 Regulator

Replacing: 1116424

Servicing: 1101551, 3493321

14.6 **V setting**, **Dist. mount. holes** 61.70
L-terminal drives the choke.



134750 Regulator

Replacing: dr669, d672, d669, 1974623, 1894489, 1116407, 1116406, 1116389

Servicing: 10SI, 29SI, 30SI, 10459004, 10459008, 10459009, 10459010, 1100080, 1100081, 1100082, 1100083, 1100086, 1100087, 1100088

14 **V setting**, **Dist. mount. holes** 31.40, **D+ type** Screw, **Regulator type** Electronic
Webbed terminals.



135162 Regulator

14.5 **V setting**, **Dist. mount. holes** 31.00
Same as HC-CARGO 131044.



135163 Regulator

Servicing: 3472004

14.5 **V setting**, **Dist. mount. holes** 31.70
As HC-CARGO 130668.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

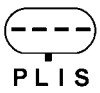


135336 Regulator

Replacing: 19009716, 19009701, 10475019

Servicing: 10479914, 10479923, 10479947, 10479955, 10480225, 10480226, 10480273, 3493273, 3493814, 3493823, 3493847, 3493848

14.6 **V setting**, 100 **Amp**, **Dist. mount. holes** 67.20, **Regulator type** Electronic





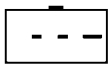
135547 Regulator

Replacing: 19009719, 19009702

Servicing: CS130D, 10463651, 10463940, 10479214, 10479991, 10480017, 10480072, 10480167, 10480168, 10480187, 10480189, 10480190

14.6 **V setting**, **Dist. mount. holes** 63.75, **Regulator type** Electronic, **Terminal type** P-L-I-S

Nr. 466 on regulator box. 2.5 sec. LRC. Soft start.





139467 Regulator

Replacing: 276010

Servicing: 219137, 219138, 219139, 219187, 219199, 219202, 96224431, 96224432, 96252115, 96252551

14.7 **V setting**, **Dist. mount. holes** 62.85, **Regulator type** Electronic





139468 Regulator

Replacing: 271910, 271710

Servicing: 219170, 219235, 219251, 219292, 96380673

14.6 **V setting**, **Dist. mount. holes** 45.70, **Regulator type** Electronic



139637 Regulator

Replacing: d690, d687, d686, 1116442, 1116435, 1116433

Servicing: 20SI, 21SI, 25SI, 26SI, 30SI, 1100188, 1100189, 1100212, 1100213, 1100214, 1100215, 1101104, 1101105, 1102553, 1117611

14.2 **V setting**, **Dist. mount. holes** 29.70, **D+ type** Screw, **Regulator type** Electronic

Webbed terminals.



231183 Regulator

Replacing: 19009703

Servicing: CS130D, 10480043, 10480182, 10480240, 10480262, 10480264

14.6 **V setting**, **Dist. mount. holes** 59.45, **Regulator type** Electronic

10 sec. LRC.



231184 Regulator

Replacing: 19009705

Servicing: CS130D, 10480074, 10480076, 10480079, 10480184, 10480191, 10480207, 10480217, 10480218, 10480250, 10480251, 10480252

14.6 **V setting**, **Dist. mount. holes** 58.65, **Regulator type** Electronic

10 sec. LRC.



231185 Regulator

Replacing: 19009706

Servicing: CS130D, 10480071, 10480119, 10480170, 10480237, 10480353

14.2 **V setting**, **Dist. mount. holes** 60.60, **Regulator type** Electronic

2.5 sec. LRC.



231796 Regulator

Replacing: 19009708, 10493240

Servicing: 3493226

14.6 **V setting**, **Dist. mount. holes** 68.30, **Regulator type** Electronic

10 sec. LRC. Soft start.



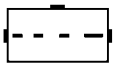


232074# Regulator

Replacing: 19009758, 19009715

Servicing: Honda, 10480228

14.8 **V setting**, **Dist. mount. holes** 62.50, **Regulator type** Electronic, **Terminal type** C-FR-IG-L





232413 Regulator

Replacing: d602a, 19009731, 1116446

Servicing: CS144, 10480135, 10480171

14.8 **V setting**, **Dist. mount. holes** 67.00, **Regulator type** Electronic, **Terminal type** P-L-I-S

10 sec. LRC.



232664 Regulator

Replacing: 10483778, 10483777, 10458198, 10453673

Servicing: AD230, AD237, 10480241, 10480244, 10480303, 10480357

14.8 **V setting**, **Dist. mount. holes** 39.20

Plug PL119. 10 sec. LCR w/ open sense indication.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

PLIS



232665 Regulator

Replacing: 19054622, 19053730, 19053013, 10494747, 10486311, 10483643, 10468311, 10458201, 10458200, 10458199

Servicing: AD230, AD244, 10464406, 10480234, 10480326, 10480327, 10480341, 10480388, 15062413

14.8 **V setting**, **Dist. mount. holes** 38.00, **Regulator type** Electronic
2.5 sec. LRC.

PLFS



233203# Regulator

Replacing: 1116440

Servicing: CS121, 10479805, 10480095, 10480096

14.8 **V setting**, **Dist. mount. holes** 67.00, **Regulator type** Electronic
2.5 sec. LRC.



233204 Regulator

Replacing: d691, d688, 1116441, 1116439, 1116438, 10470886

Servicing: 21SI, 22SI, 1117839, 1117895, 1117896, 1117898, 1117899, 1117903, 1117904, 1117912, 1117926, 1117927, 1117928, 1117936

14.2 **V setting**, **Dist. mount. holes** 31.00, **Regulator type** Electronic



233251 Regulator

Replacing: 19009761, 19009748, 19009718

Servicing: CS130D, 10437987, 10437988, 10480288, 10480292, 10480318, 10480330, 10480331, 10480336, 10480346, 10480348, 10480352

14.8 **V setting**, **Dist. mount. holes** 62.00, **Regulator type** Electronic
2.5 sec. LRC. Plug PL44.



233624 Regulator

Replacing: d646, 1119576, 1118999, 1118997, 1118779, 1118381

Servicing: 10DN

14.2 **V setting**, 18 **Amp**, **Dist. mount. holes** 97.85, **Regulator type** Mechanical, **Terminal type** L-B+-F(A)
Pos. or neg. ground. A-circuit.



233738 Regulator

Servicing: 10SI, 12SI, 15SI

14.5 **V setting**, **Dist. mount. holes** 38.60, **Regulator type** Electronic
Regulation: B- circuit, conversion regulator, does not require battery sense, eliminates diode trio, fast cut-in, very low drain, uses AC excited circuit.



233931 Regulator

Servicing: 10SI

14.8 **V setting**, **Dist. mount. holes** 30.35, **Regulator type** Electronic



233975 Regulator

Replacing: 271940

Servicing: 19020600, 19020601, 19020604, 19020606, 19020608, 19020609, 19020611, 19020612, 19020614, 19020615, 19020616

14.1 **V setting**, **Dist. mount. holes** 45.00, **Regulator type** Electronic, **Terminal type** S-L



234068 Regulator

Servicing: CS121, -131, -144

14.7 **V setting**, **Dist. mount. holes** 67.00, **Regulator type** Electronic, **Terminal type** P-L-I-S
1-wire system. B-circuit.



234306 Regulator

Replacing: iat09750, 271520

Servicing: 96206871

14 **V, Dist. mount. holes** 61.30, **Regulator type** Electronic



235542 Regulator

Servicing: 10480403, 10480407

14.3 **V setting**, **Terminal type** L-DFM



235803 Regulator

Replacing: 10521033

Servicing: 8600310, 8600889

14.2 **V setting**, **Dist. mount. holes** 39.50, **D+ type** Bolt, **Regulator type** Mechanical

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.



235864 Regulator

Regulator type Electronic

L DFM



236563 Regulator

Dist. mount. holes 40.00,
Regulator type Electronic, **Terminal type** L-DFM,
Battery sensor w/o, **Capacitor** w/,
Resistor w/o, Not insulated return

PLFS



331013 Regulator

Replacing: 10514474

14.2 **V setting**, **D+ type** Spade,
Regulator type Electronic, **Battery sensor** w/,
Capacitor w/o, Not insulated return

F
L

331774 Regulator

Servicing: 8400156, 8400157, 8400159, 8400219

Regulator type Electronic,
Terminal type L-F, **Battery sensor** w/o



333021 Regulator

14.5 **V setting**, **Dist. mount. holes** 62.00,
Regulator type Electronic

PLIS



333048 Regulator

Dist. mount. holes 61.70,
Regulator type Electronic,
Terminal type IG-L

28 Volt



130510 Regulator

Replacing: 1984287, 1116388

Servicing: 20SI, Type 200, 29SI, 30SI, 1102366, 1102379, 1103164, 1117836

27.5 **V setting**, **Dist. mount. holes** 33.00,
Regulator type Electronic



131903 Regulator

Replacing: d693, 1969110, 1892824, 10498824, 10457127

Servicing: 25SI, 1117069, 1117226, 1117229, 1117236, 1117238, 1117239, 1117243, 1117248, 1117249, 1117250, 1117253, 1117254

27.5 **V setting**, **Dist. mount. holes** 49.75,
Regulator type Electronic
Neg. ground.



134751 Regulator

Replacing: 1894460, 1116405, 1116404

Servicing: 27SI, 30SI, 10459002, 1100077, 1100078, 1100210, 1100211, 1100274, 1103132, 1105180, 1105437, 1105453, 1105454, 1105458

27.5 **V setting**, **Dist. mount. holes** 32.00,
Regulator type Electronic
Webbed terminals.



138387 Regulator

Replacing: 273310, 273110

Servicing: 102203500, 102203510, 219072, 219081

27.7 **V setting**, **Dist. mount. holes** 65.50,
Regulator type Electronic



230915# Regulator

Dist. mount. holes 29.45,
Regulator type Electronic



234060 Regulator

Servicing: 10SI, 12SI, 15SI, 17SI, 27SI

27.9 **V setting**, **Dist. mount. holes** 37.00,
Regulator type Electronic
Very low "cut-in". 1 wire hook-up.



235671 Regulator

Replacing: 1987518

Servicing: 10480060, 1101195, 1101204, 1101285, 1102348, 1102398, 1102918, 1102919, 1102934, 1103123, 1103167, 1103191, 1105077

37.5 **V setting**, **Regulator type** Electronic

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Regulator Parts

Various



134526 Regulator Repair Harness

Servicing: CS121, CS130, CS144

Pkg. 5



137352 Regulator Repair Harness

Servicing: CS130D

Pkg. 5



231591 Repair Harness

Servicing: 10SI, 12SI, 15SI, 17SI, 27SI

Pkg. 10



232689 Cap

Replacing: 10476720

Servicing: 21SI, 22SI, 27SI/200, 1101104, 1101105, 1102553, 19010114, 19010129, 19010157, 19010168, 19020307, 19020346, 19020366

OD 19.45, **Height** 15.90

For regulator terminal.

Pkg. 10



239721 Regulator Plug

Brush Boxes



130548 Brush Box

Replacing: d722, 1965276, 1964682

Servicing: 10DN, 1100056, 1100057, 1100059, 1100062, 1100063, 1100064, 1100065, 1100068, 1100074, 1100557, 1100558, 1100566

14 **V**, **OD** 50.25

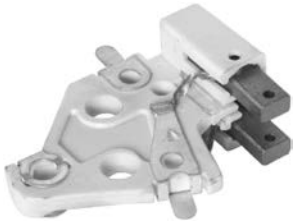


130549 Brush Box

Replacing: d766, 801466, 1971521, 1876876

Servicing: 10SI, 1100109, 1100110, 1100111, 1100113, 1100115, 1100119, 1100120, 1100121, 1100122, 1100124, 1100125, 1100127

14 **V**



130558 Brush Box

Replacing: 1984462, 1876873, 1852002

Servicing: 27SI, 10480005, 1100072, 1100073, 1100075, 1100076, 1100077, 1100078, 1100080, 1100081, 1100082, 1100083, 1100086

14 **V**



130712 Brush Box

Replacing: dr701, 3493332, 3472316

Servicing: 027, 028, 038, 049, 066, 208, 3472002, 3472014, 3472018, 3472020, 3472021, 3472022, 3472023, 3472024, 3472026, 3472027

14 **V**



130973 Brush Box

Replacing: 7982589

Servicing: 130, 139, 230, 239, 242, 243, 3472130, 3472139, 3472142, 3472143, 3493230, 3493239, 3493242, 3493243, 3493604, 3493639

14 **V**



131476 Brush Box

Replacing: 1894559

Servicing: 10SI, 10480058, 10480060, 1100114, 1100170, 1100171, 1101192, 1101193, 1101195, 1101201, 1101202, 1101203, 1101204

14 **V**, **OD** 71.00



131914 Brush Box

Replacing: d767, d728, 1985627, 1975323

Servicing: 15SI, 17SI, 1100183, 1100184, 1100187, 1100190, 1100192, 1100193, 1100194, 1100195, 1100219, 1100223, 1100224, 1100271

14 **V**



131915 Brush Box

Replacing: D789, 3493091, 1989651, 10490180, 10474290, 10473364, 10472881

Servicing: CS121, CS130 series, 10463007, 10463011, 10463012, 10463013, 10463014, 10463015, 10463016, 10463017, 10463043, 10463097

14 **V**, **OD** 35.90

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

Available while stock last, * Program development.



131916 Brush Box

Replacing: 1989702

Servicing: CS144 series, early type, 10479809, 10479817, 10479821, 10479836, 10479838, 10479839, 10479843, 10479844, 10479847

14 **V**, **OD** 27.70

Last type: HC-CARGO 139515.



136599 Brush Box

Replacing: 10475011

Servicing: 10479384, 10479914, 10479923, 10479947, 10479955, 10480222, 10480225, 10480226, 10480273, 10480384, 3493225, 3493226

14 **V**



137053 Brush Box

Replacing: 10475746

Servicing: CS130D, 10463651, 10463940, 10479991, 10480017, 10480071, 10480072, 10480119, 10480167, 10480168, 10480187, 10480189

14 **V**



138053 Brush Box

Replacing: 1979724, 10467934

Servicing: 15SI type 116, 10479924, 10479925, 10479926, 10479927, 10479929, 10479930, 1101194, 1101205, 1101439, 1101440, 1102551

14/28 **V**



230681# Brush Box

Replacing: d776, d770, 1989719, 1988986

Servicing: 15SI, 17SI, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 10479858, 10479860, 10479862

14 **V**



231346 Brush Box

Servicing: CS121D, 21023969, 21024727, 96252551

14 **V**



232046 Brush Box

Servicing: CS144

14 **V**

Early type: HC-CARGO 131916.



232306 Brush Box

Replacing: 10492749

Servicing: 22SI, 19020307, 19020310, 19020346, 19020366, 19020376, 19020382, 19020383

14/28 **V**



233449 Brush Box

Servicing: 10479990, 10480073, 10490000, 10490073, 1101517, 219137, 219138, 219139, 219187, 219199, 219202, 96224431, 96224432

14 **V**



234067 Brush Box

Servicing: 10480403, 10480407, 10480408

14 **V**

Alternative no.: B234067



234308 Brush Box

Servicing: 96206871, 96341300

14 **V**



234667 Brush Box

Replacing: 10494476

Servicing: AD230, -237, -244, 15062413

14 **V**



331008 Brush Box

Replacing: 10521657, 10503492

28 **V**, **OD** 43.50

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Brush Box Parts

Brush Sets



140134 Brush Set

Replacing: 1971523, 1942360

Servicing: 10SI, 27SI, 1100200, 1100203, 1100204, 1100206, 1100207, 1100208, 1100209, 1100217, 1100225, 1100227, 1100228, 1100229

14 **V**, **Length** 12.50, **Lead length** 17.00, **Height** 8.00, **Thickness** 5.00



140135 Brush Set

Replacing: 140135

Servicing: 27SI/200

14 **V**, **Length** 24.00, **Lead length** 23.00, **Height** 8.00, **Thickness** 5.00



140598 Brush Set

Replacing: 10499518, 10499517, 10499516, 10499515, 10499514, 10499513, 10495229, 10495222

Servicing: CS121, -130, -144, 10463007, 10463011, 10463012, 10463013, 10463014, 10463015, 10463016, 10463017, 10463043, 10463097

14 **V**, **Length** 22.50, **Lead length** 25.00, **Height** 8.00, **Thickness** 5.00



140599 Brush Set

Replacing: 140599, 10495518, 10495516

Servicing: CS121, -130, -144

14 **V**, **Length** 8.00, **Lead length** 36.00, **Height** 22.50, **Thickness** 5.00



140912 Brush Set

Replacing: 140912

Servicing: AD230, -237, -244, CS130D, 10463651, 10463940, 10479214, 10479215, 10479384, 10479991, 10480017, 10480071, 10480072

14 **V**, **Length** 22.00, **Lead length** 36.00, **Height** 8.00, **Thickness** 4.50



140924 Brush Set

Replacing: 1995564, 1894564, 10467935

Servicing: 10SI type 116, -136., 10480058, 1100127, 1100140, 1100141, 1100145, 1100150, 1100151, 1100153, 1100158, 1100159

14/28 **V**, **Length** 22.00, **Lead length** 37.00, **Height** 6.00, **Thickness** 5.00
1/4"x 7/32"x7/8"xLL 1 3/8".



140925 Brush Set

Replacing: 1989661, 140925

Servicing: 12SI, 17SI

14 **V**, **Length** 8.00, **Lead length** 29.00, **Height** 20.50, **Thickness** 5.00



140926 Brush Set

Replacing: 1986853, 140926

Servicing: 12SI type 100, 27SI type 100

14 **V**, **Length** 16.50, **Lead length** 19.00, **Height** 8.00, **Thickness** 5.00



141033 Brush Set

Replacing: RX142-143, 141033

Servicing: 10479914, 10479923, 10479947, 10479955, 10480222, 10480225, 3493225, 3493226, 3493459, 3493823, 3493847, 3493848

14 **V**, **Length** 22.00, **Lead length** 35.00, **Height** 8.00, **Thickness** 4.50



141085 Brush Set

Replacing: 141085

Servicing: 219137, 219138, 219139, 219187, 219199, 219202, 96224431, 96224432, 96252115, 96252551

14 **V**, **Length** 18.00, **Lead length** 34.50, **Height** 9.00, **Thickness** 5.00



141169 Brush Set

Replacing: 141169

Servicing: 22SI, 19020307, 19020346, 19020366, 19020376, 19020382, 19020383

14 **V**, **Length** 48.00, **Lead length** 91.00, **Height** 8.00, **Thickness** 5.40



141170 Brush Set

Replacing: 141170

Servicing: CS121D

14 **V**, **Length** 23.00, **Lead length** 31.00, **Height** 8.00, **Thickness** 5.00

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Pkg. 10



141195 Brush Set

Replacing: 141195

Servicing: 219170, 219235, 219251, 219292, 96380673

14 **V**, **Length** 5.00, **Height** 25.00, **Thickness** 8.00

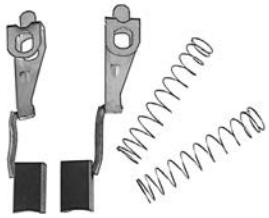


RX103E2 Brush Set

Replacing: 7982543

Servicing: 5153010, 7982574, 7982575, 7982698, 7982705, 7982710, 7982717, 7982740, 7982741, 7982742, 7982743, 7982745, 7982748

14 **V**, **Length** 13.20, **Lead length** 31.00, **Height** 8.00, **Thickness** 5.00



RX103F2 Brush Set

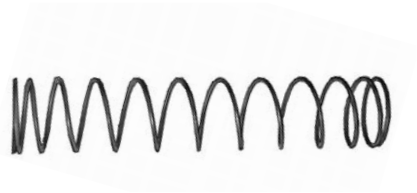
Replacing: dr702, 3472319

Servicing: 3472020, 3472021, 3472028, 3472032, 3472033, 3472037, 3472038, 3472042, 3472048, 3472049, 3472050, 3472051, 3472052

14 **V**, **Length** 13.20, **Lead length** 24.00, **Height** 8.00, **Thickness** 5.00
Alternative no.: R103F

Springs

Pkg. 10



134870 Brush Spring

Replacing: 3472506

Servicing: 037, 038, 048, 049, 066, 106, 121, 208, 219053, 3472020, 3472021, 3472028, 3472032, 3472033, 3472037, 3472038, 3472042

OD 7.00, **Length** 35.55

Pkg. 10



235681# Brush Spring

Servicing: 10si, 15si, 21si

OD 15.30, **Length** 2.30

Pkg. 10



235682# Brush Spring

Replacing: 1977357, 1964117

Servicing: 10480005, 10dn, 10si, 1100056, 1100057, 1100059, 1100061, 1100062, 1100063, 1100064, 1100065, 1100066, 1100067, 1100068

OD 6.90, **Length** 34.50

Pkg. 10



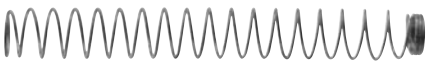
235683 Brush Spring

Replacing: d786, d774

Servicing: 15si, 17si, cs121, cs130, cs144

OD 7.10, **Length** 50.70

Pkg. 10



235685# Brush Spring

Servicing: 22si

OD 6.30, **Length** 50.60

Various

Pkg. 5



232682 Gasket

Replacing: 1970395

Servicing: 25SI, 26SI, 10459003, 10459005, 10459006, 10459007, 1117069, 1117155, 1117225, 1117226, 1117227, 1117228, 1117229

Length 169.00, **Thickness** 2.00, **Width** 163.40, **Material** Rubber

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Pkg. 5

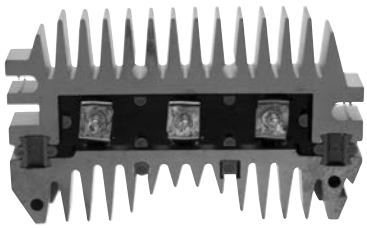


233682 Cap

Servicing: AD230, -237, -244, CS130D, 10463651, 10463940, 10479991, 10480017, 10480072, 10480167, 10480168, 10480187, 10480189

OD 20.55, **Height** 9.85
For brush box.

Rectifiers



130555 Rectifier

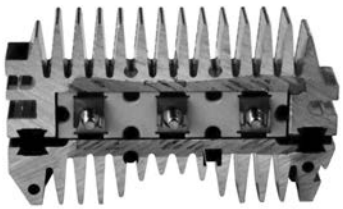
Replacing: d3983, 801816, 1975645, 1892914, 1875645

Servicing: 27SI, 10459002, 10459004, 10459009, 1100072, 1100073, 1100077, 1100078, 1100080, 1100081, 1100082, 1100086, 1100087

50 **Amp/ diode**, **OD** 102.00, **No./ diodes** 6, **Capacitor** w/o
Neg. ground.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

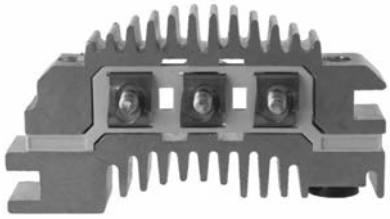


130557 Rectifier

Replacing: 1875812, 1852744

Servicing: 27SI, 10459010, 1100075, 1100076, 1100083, 1100088, 1100214, 1105461, 1105471, 1117482, 1117735, 1117743, 1117745

50 **Amp/ diode**, **OD** 102.00, **Diode type** Button, **No./ diodes** 6
Pos. ground.

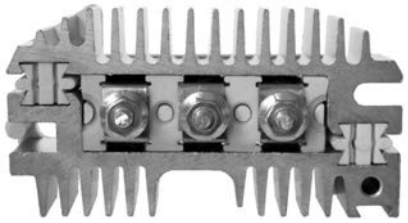


130667 Rectifier

Replacing: dr3900, 7982718, 7982716, 3472311

Servicing: 014, 018, 022, 023, 024, 026, 027, 028, 032, 033, 035, 037, 038, 042, 048, 049, 050, 051, 052, 053, 220, 3472002

25 **Amp/ diode**, **OD** 83.00, **No./ diodes** 6, **Capacitor** w/o

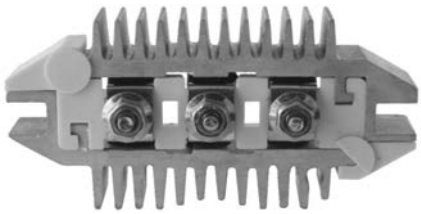


130673 Rectifier

Replacing: d3915, 1984638, 1971987, 1891055, 1875627, 1852209

Servicing: 10SI, 20SI, 30SI, 32SI, 40SI, 10459009, 10459010, 1100092, 1100109, 1100110, 1100111, 1100113, 1100114, 1100115

35 **Amp/ diode**, **OD** 80.00, **No./ diodes** 6, **Capacitor** w/o
Neg. ground.

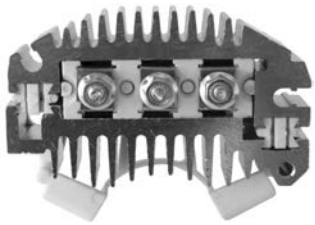


131458 Rectifier

Replacing: 6065301, 3472813

Servicing: 060, 091, 104, 202, 3472057, 3472058, 3472059, 3472060, 3472061, 3472062, 3472065, 3472066, 3472067, 3472068, 3472069

25 **Amp/ diode**, **OD** 80.50, **Mount. dist.** 71.50, **No./ diodes** 6, **Capacitor** w/o
Only used w/ HC-CARGO: 132929. White plastic base.



131873 Rectifier

Replacing: d3924, 1984454

Servicing: 12SI, 10480005, 10480058, 10480060, 1100200, 1100203, 1100204, 1100206, 1100207, 1100208, 1100209, 1100217, 1100225

25 **Amp/ diode**, **OD** 80.00, **No./ diodes** 6, **Capacitor** w/o

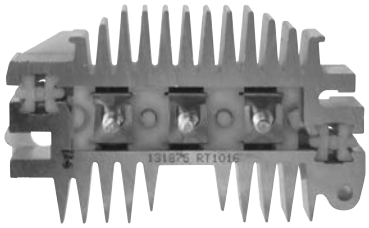


131874 Rectifier

Replacing: d3986, 1987061

Servicing: 12SI, 1101134, 1101240, 1101241, 1101245, 1101299, 1101301, 1101302, 1101304, 1101305, 1101308, 1101324, 1101484

50 **Amp/ diode**, **OD** 80.00, **No./ diodes** 6

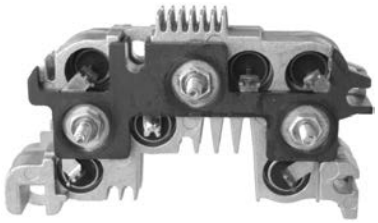


131875 Rectifier

Replacing: d3919, 1975313

Servicing: 15SI, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 1100183, 1100184, 1100187, 1100190, 1100192

14 **V**, 25 **Amp/ diode**, **OD** 84.00, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
Pos. ground.



131877 Rectifier

Replacing: d3987, 1988976

Servicing: 17SI, 10479864, 10479868, 10479870, 10479915, 1101215, 1105585, 1105613, 1117839, 1117880, 1117885, 1117886, 1117887

70 **Amp/ diode**, **OD** 102.00, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



131879 Rectifier

Replacing: 1971670

Servicing: 25SI, 26SI, 10459003, 10459007, 1117069, 1117155, 1117225, 1117226, 1117227, 1117228, 1117229, 1117231, 1117233

35 **Amp/ diode**, **ID** 68.55, **OD** 152.60, **No./ diodes** 3, **Capacitor** w/o
Positive. Negative diode: HC-CARGO 133194.

All measurements are in mm, unless else stated.
O.E.M. names and numbers are used for reference purposes only.
Available while stock last, * Program development.

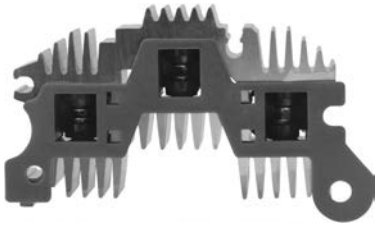


131880 Rectifier

Replacing: d3991, 1989658, 10472597, 10470730, 10457690, 10457236, 10456401

Servicing: CS121, CS130, 00219091, 00219099, 10479806, 10479807, 10479808, 10479874, 10479902, 10479903, 10479905, 10479906

50 **Amp/ diode**, **OD** 100.00, **Mount. dist.** 65.00, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.

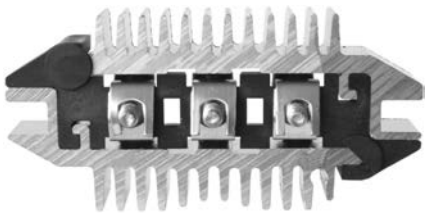


131881 Rectifier

Replacing: d3931, 1989774, 10471170

Servicing: CS144, 10479836, 10479838, 1117895, 1117903, 1117927, 1117937, 1117958, 1117959, 1117962, 1117963, 19010114, 19010120

50 **Amp/ diode**, **ID** 34.20, **OD** 102.55, **No./ diodes** 6, **Capacitor** w/o
w/ 3 jumbo Avalanche . w/ 3 jumbo non Avalanche diodes.



132931 Rectifier

Replacing: 3493008

Servicing: 3472106, 3472121, 3472130, 3472134, 3472137, 3472144, 3493606, 3493621, 3493634, 3493641, 3493644, 3493706

35 **Amp/ diode**, **OD** 80.00, **Mount. dist.** 71.50, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o
Regulator: HC-CARGO 132930. Black plastic base.



135337 Rectifier

Replacing: 10492838, 10491097

Servicing: CS130D, 10463651, 10463940, 10479214, 10479991, 10480017, 10480072, 10480167, 10480168, 10480187, 10480189, 10480190

50 **Amp/ diode**, **B+/ threaded** M8/33.00, **OD** 104.20, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/
Heat transfer compound: HC-CARGO 200618.



136595 Rectifier

Replacing: 10475034

Servicing: 10479914, 10479923, 10479947, 10479955, 10480225, 3493814, 3493823, 3493847, 3493855, 3493947

50 **Amp/ diode**, **B+/ threaded** M8/35.00, **D+ threaded** 34.30, **OD** 94.00, **Mo unt. dist.** 75.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
Use heat transfer compound: HC-CARGO 230618.



138389 Rectifier

Replacing: 276000, 267800, 267000, 262100

Servicing: 219187, 96224431, 96224432, 96252551

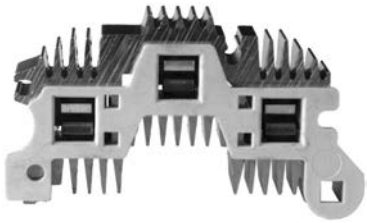
50 **Amp/ diode**, **OD** 103.00, **Mount. dist.** 53.00, **No./ diodes** 8, **Capacitor** w/o
Heat transfer compound: HC-CARGO 200618.



230983 Rectifier

Replacing: 10475039

25 **Amp/ diode**, **OD** 102.00, **Mount. dist.** 67.87, **No./ diodes** 6

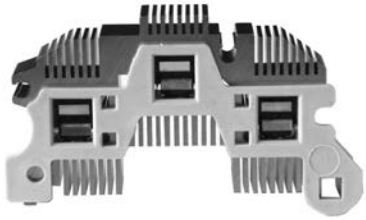


231061 Rectifier

Replacing: d3929, 10469265

Servicing: 21SI, 22SI, 1117891, 1117898, 1117913, 1117914, 1117932, 1117946, 1117966, 19010178, 19011157, 19011213

50 **Amp/ diode**, **OD** 103.00, **Mount. dist.** 85.00, **Diode type** Avalanche, **No./ diodes** 6



231062 Rectifier

Replacing: d3992, d3990, 10470609, 10467052

Servicing: 21SI, 22SI, 10479809, 10479839, 10479843, 10479844, 10479847, 10479853, 10479854, 10479855, 10479884, 10479904

50 **Amp/ diode**, **OD** 102.00, **Mount. dist.** 85.00, **Diode type** Avalanche, **No./ diodes** 6



231200 Rectifier

Replacing: 10492837, 10475758, 10475757

Servicing: CS130D, 10480361

60 **Amp/ diode**, **B+/ threaded** M8/32.50, **OD** 103.00, **Mount. dist.** 71.50, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6
w/ terminal W.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



231762 Rectifier

Replacing: 3478687, 3472820

Servicing: 3472020, 3472021, 3472063, 3472064, 3493226, 3493273

60 **Amp/ diode**, **B+/ threaded** M8/36.00, **OD** 95.00, **Mount. dist.** 75.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



231797 Rectifier

Replacing: 10493596

50 **Amp/ diode**, **B+/ threaded** M8/13.00, **OD** 97.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6
w/ terminal W. Use coolant: HC-CARGO 200618.

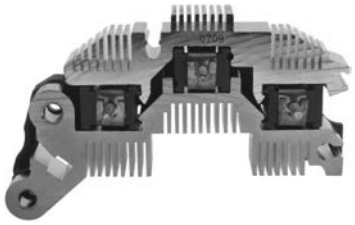


232068 Rectifier

Replacing: 10475800

Servicing: CS144, 10479996, 10480010, 1102625

50 **Amp/ diode**, **OD** 115.00, **Mount. dist.** 100.00, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



232069 Rectifier

Replacing: 10472095

Servicing: CS144, 10479821, 10479852, 10479891, 10479895, 10480008, 10480011, 10480018, 10480019, 10480022, 10480023, 10480024

50 **Amp/ diode**, **B+/ threaded** M8/13.50, **OD** 116.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6



232070 Rectifier

Replacing: 10492300

Servicing: 21023969, 21024727

50 **Amp/ diode**, **OD** 96.50, **Mount. dist.** 53.00, **Diode type** Avalanche, **No./ diodes** 6

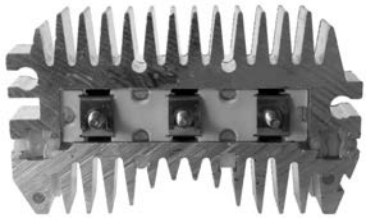


232668 Rectifier

Replacing: 10494503

Servicing: AD237, -244, 10480229, 10480326

70 **Amp/ diode**, **B+/ threaded** M6/15.70, **ID** 33.00, **OD** 116.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o

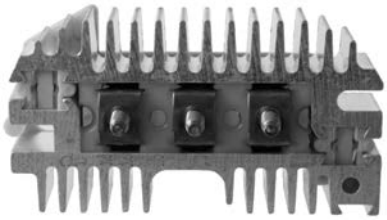


233194 Rectifier

Replacing: 1880132

Servicing: 30SI, 10459008, 1117648, 1117649, 1117733, 1117734, 1117738, 1117746, 1117747, 1117825, 1117826, 1117827, 1117836

50 **Amp/ diode**, **OD** 102.00, **Mount. dist.** 85.00, **Diode type** Button, **No./ diodes** 6, **Capacitor** w/o



233195 Rectifier

Servicing: 10SI

25 **Amp/ diode**, **OD** 80.00, **Diode type** Button, **No./ diodes** 6, **Capacitor** w/o
Pos. ground.



234307 Rectifier

Replacing: iat08790

Servicing: 96206871, 96341300

B+/ threaded M8/11.70, **OD** 100.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6



235026 Rectifier

Replacing: 10494744

Servicing: AD230, 10327068, 10327069, 10442782, 10442783, 10464404, 10464421, 10464438, 10464439, 10480229, 10480234, 10480241

55 **Amp/ diode**, **B+/ threaded** M6/16.00, **OD** 116.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6



235028 Rectifier

Servicing: 7SI, 19020604, 19020606, 19020608, 19020609, 19020614, 19020615, 19020617, 1902604, 1902608, 1902609, 1902614, 1902615

50 **Amp/ diode**, **B+/ threaded** M6/23.00, **OD** 100.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6
w/ terminal P.



235139 Rectifier

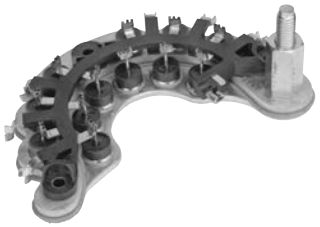
Replacing: 266600

Servicing: 219170, 219292, 96380673

50 **Amp/ diode**, **B+/ threaded** M6/22.50, **OD** 98.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/o

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Available while stock last, * Program development.



235655 Rectifier

20-26 **Zener V**, 190 **Amp/ diode**, **B+/ threaded** M8/15.90, **ID** 39.49, **OD** 130.04, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 12, **Capacitor** w/o



239037 Rectifier

B+/ threaded M6/22.10, **B+ type** Bolt, **No./ diodes** 6



331012 Rectifier

Replacing: 10502870

14 **V**, 24/32 **Zener V**, 50 **Amp/ diode**, **B+/ threaded** M8/15.00, **ID** 36.00, **OD** 116.00, **B+ type** Bolt, **Diode type** Press-fit, **No./ diodes** 6, **Capacitor** w/o



333057 Rectifier

B+/ threaded M8/32.00, **OD** 114.00

Rectifier Parts

Diodes

Pkg. 10



233543 Diode (-)

Replacing: d3911, 1959829, 1852929

Servicing: 1100056, 1100057, 1100059, 1100061, 1100062, 1100063, 1100064, 1100065, 1100066, 1100067, 1100068, 1100071, 1100074

100 **V**, 25 **Amp**, **OD** 1/2"/12.70, **Polarity** Negative, **Diode type** Press-fit, **Mount. type** Press fit

25.00 mm flexible lead. 4.00 mm terminal.

Pkg. 10



233544 Diode (+)

Replacing: 1971672

Servicing: 10459003, 10459005, 10459006, 10459007, 1117069, 1117155, 1117225, 1117226, 1117227, 1117228, 1117229, 1117231, 1117232

100 **V**, 35 **Amp**, **OD** 1/2"/12.70, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

25.00 mm flexible lead. 4.00 mm terminal.

Diode Trios

Pkg. 5



130556 Diode Trio

Replacing: d3921, d3918, 830891, 801817, 1977064

Servicing: 27SI, 1100072, 1100073, 1100075, 1100076, 1100077, 1100078, 1100080, 1100081, 1100082, 1100083, 1100086, 1100087

ID/ mount. hole 5.20, **OD** 60.00, **Dist./ mount. holes** 51.00

Pkg. 5



130674 Diode Trio

Replacing: dr3901, 7982635, 3472312, 1984032

Servicing: 014, 018, 022, 023, 024, 026, 027, 028, 032, 033, 035, 037, 038, 042, 048, 049, 050, 051, 052, 053, 058, 059, 060, 061

ID/ mount. hole 7.20, **OD** 45.00, **Dist./ mount. holes** 35.00

Pkg. 5



131416 Diode Trio

Replacing: 1876797

Servicing: 30SI, 10459002, 10459004, 10459008, 10459009, 10459010, 1117067, 1117068, 1117432, 1117433, 1117437, 1117481, 1117482

ID/ mount. hole 5.30, **OD** 59.40, **Dist./ mount. holes** 51.65

Pkg. 5



131418 Diode Trio

Replacing: d3922, 1984459, 1975328, 1971528

Servicing: 10SI, 12SI, 15SI, 17SI, 20SI, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 10479858, 10479860

ID/ mount. hole 7.20, **OD** 44.65, **Dist./ mount. holes** 35.30

All measurements are in mm, unless else stated.
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O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



131897 Diode Trio

Replacing: d3927, 1988985

Servicing: 17SI, 10479864, 10479868, 10479870, 10479915, 1101215, 1101252, 1101258, 1101290, 1105585, 1105613, 1105643, 1105656

ID/ mount. hole 5.30,
OD 59.70, **Dist./ mount. holes** 52.20

Pkg. 5



131898# Diode Trio

Replacing: 1974626

Servicing: 29SI, 1117160, 1117161, 1117162, 1117163, 1117164, 1117165

Pkg. 5



132611 Diode Trio

Replacing: dr3901hd

ID/ mount. hole 7.30,
OD 43.75, **Dist./ mount. holes** 35.50

Pkg. 5



133867 Diode Trio

Replacing: 1987324

Servicing: 20SI/300, 1117611, 1117612, 1117616, 1117618, 1117619, 1117621, 1117622, 1117623, 1117625, 1117640, 1117641, 1117642

ID/ mount. hole 7.30,
OD 44.65, **Dist./ mount. holes** 35.45

Pkg. 5



233200 Diode Trio

Replacing: 10491182

Servicing: 33SI, 34SI, 19011157, 19011213

ID/ mount. hole 5.10,
OD 71.45, **Dist./ mount. holes** 63.00

Terminals

Pkg. 10



133198 Terminal Bolt

Thread size M6, **Total length** 53.55,
Thread length 50.00
B+.

Pkg. 5



138673# Terminal Bolt D+

Replacing: 10475020

Servicing: 10479384, 10479914, 10479923, 10479947, 10479955, 10480222, 10480225, 10480226, 10480273, 10480384, 3493225, 3493226

Thread size M8/M5, **Total length** 45.00,
Thread length 10.25/10.00
D+.

Pkg. 5



232703 Terminal Bolt B+

Replacing: 1969002

Servicing: 25SI, 26SI, 10459003, 10459006, 10459007, 1117069, 1117155, 1117233, 1117234, 1117236, 1117237, 1117238, 1117239

Thread size M12, **Total length** 35.20,
Thread length 15.55
Terminal kit: HC-CARGO 232651.



232707 Terminal Bolt

Servicing: CS121D, 21023969, 21024727, 219187, 96224431, 96252551

Thread size M6/M5, **Total length** 48.35,
Thread length 12.75/12.20

Pkg. 10



233394 Terminal Bolt B+

Replacing: 1989647

Servicing: CS121, -130, 1101551, 219138, 219202, 96224432

Various

Pkg. 5



131924 Cover for Rectifier

Replacing: 1989628

Servicing: CS121D, 10463007, 10463011, 10463012, 10463013, 10463014, 10463015, 10463016, 10463017, 10463043, 10463097, 10463172

OD 108.75, **Material** Plastic

Pkg. 5



132047# Cover for Rectifier

Servicing: CS121, 10479806, 10479807, 10479920, 1101196, 1101199, 1101253, 1101254, 1101255, 1101259, 1101551

OD 103.45, **Height** 17.00,
Material Plastic
Cover for rectifier: HC-CARGO 131880.

All measurements are in mm, unless else stated.
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Available while stock last, * Program development.



133929 Cover for Rectifier

Replacing: 10495205, 10471975

Servicing: CS121, 00219091, 00219099, 10479816, 10479949, 10479990, 10479999, 10480000, 10480073, 10480095, 10480096, 10490000

Length 87.75



138049 Battery Terminal

Replacing: 10475765, 10475675, 10475038

Servicing: CS130D, 10463651, 10463940, 10479384, 10479914, 10479923, 10479947, 10479955, 10479991, 10480017, 10480071, 10480072

Thread size M8-1.25, **Total length** 46.00, **Thread length** 13.50/13.65

Pkg. 10



230422 Hex Nut

Replacing: 453996, 453434, 120622

Servicing: CS144, 10SI, 12SI, 15SI, 10479809, 10479817, 10479821, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833

Thread 8-32x11/32I, **OD** 8.50, **Lock nut** No



231361 Cover for Rectifier

Servicing: CS121D, 96224431

OD 108.75, **Material** Plastic

Pkg. 5



232681[#] Insulator

Replacing: 1968930

Servicing: 25SI, 26SI, 10459003, 10459005, 10459006, 10459007, 1117069, 1117155, 1117225, 1117226, 1117227, 1117228, 1117229

Pkg. 5



232682 Gasket

Replacing: 1970395

Servicing: 25SI, 26SI, 10459003, 10459005, 10459006, 10459007, 1117069, 1117155, 1117225, 1117226, 1117227, 1117228, 1117229

Length 169.00, **Thickness** 2.00, **Width** 163.40, **Material** Rubber

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Pkg. 10



233414 Screw

Servicing: 10479806, 10479807, 10479920, 10479923, 10479990, 10479999, 10480000, 10480073, 10480095, 10480096, 10480214, 10480215

Thread M4-0.70, **Total length** 21.30, **Thread length** 18.25, **Slot type** Torx

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233423 Terminal

Replacing: 1986132

Servicing: 15SI type 116, 10480058, 10480060, 1100170, 1100171, 1101192, 1101195, 1101201, 1101202, 1101203, 1102920, 1102921

Total length 63.70

For regulator.

Bearings

Needle Bearings

Pkg. 10



140115 Needle Bearing

Replacing: 7982870, 3472455

Servicing: 014, 018, 022, 023, 024, 026, 027, 028, 032, 033, 035, 037, 038, 042, 048, 049, 050, 051, 052, 053, 058, 059, 060, 061

ID 11.00, **OD** 17.50, **Height** 16.50, **Rolls** 10

Closed end.

Pkg. 10



140120 Needle Bearing

Replacing: 9441879, 9438527, 9437305, 9436831, 9432068, 9427225, 9424225, 9418076, 7454763, 7451931, 7451763

Servicing: 10SI, 12SI, 15SI, 17SI, 27SI, A127, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 10479858

ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13

Closed end.

Pkg. 10



140136 Needle Bearing

Replacing: 9437171, 7451782

Servicing: 20SI, 27SI type 200, 1100056, 1100057, 1100061, 1100062, 1100066, 1100067, 1100071, 1100072, 1100073, 1100075, 1100076

ID 17.00, **OD** 23.80, **Height** 32.00, **Rolls** 15

Closed end.

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[#]Available while stock last, * Program development.

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Pkg. 10



140228 Needle Bearing

Replacing: 9436064

Servicing: 25SI, 27SI, 10459002, 10459003, 10459004, 10459005, 10459006, 10459007, 10459008, 10459009, 10459010, 1100094, 1100095

ID 22.20, **OD** 30.20, **Height** 20.50, **Rolls** 17

Pkg. 10



140229 Inner Race

Replacing: 9436063

Servicing: 25SI, 27SI, 30SI, 10459002, 10459003, 10459004, 10459005, 10459006, 10459007, 10459008, 10459009, 10459010, 1117067

ID 17.00, **OD** 22.20, **Height** 25.40

Pkg. 10



140240 Needle Bearing

Replacing: 9437222, 9437221, 9437211, 9433301

Servicing: 10DN series, A127 w/ vacuum pump, 1100619, 1100653, 1100654, 1100721, 1100722, 1100732, 1100735, 1100773, 1100806

ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13
Open end.

Pkg. 5



140241 Needle Bearing

Replacing: 3874074, 1975322

Servicing: 15SI, 1100183, 1100184, 1100187, 1100190, 1100192, 1100193, 1100194, 1100195, 1100219, 1100223, 1100224, 1100271

ID 17.00, **OD** 23.80, **Height** 20.60, **Rolls** 13
Closed end.

Pkg. 5



140771 Needle Bearing

Replacing: 1974865, 1974862, 10470441

Servicing: 10SI/116, 10SI/136, 10480058, 10480060, 1100114, 1100170, 1100171, 1100490, 1100491, 1101192, 1101193, 1101195, 1101201

ID 17.00, **OD** 23.85, **Height** 19.45, **Rolls** 13
w/ double seal. w/ closed end.

Pkg. 5



140772 Needle Bearing

Replacing: 9439542, 10472936

Servicing: 15SI/116, 21SI, 10479924, 10479925, 10479926, 10479927, 10479929, 10479930, 1101194, 1101205, 1101439, 1101440, 1102551

ID 17.00, **OD** 23.80, **Height** 22.00, **Rolls** 13
w/ double seal. w/ closed end.

Pkg. 5



140773 Needle Bearing

Replacing: 10491309, 10476418, 10474368, 10470411

Servicing: CS114, 10479817, 10479821, 10480120, 1101578, 1101590, 1101819, 1101844, 1101847, 1101850, 1102605, 1102616

ID 17.00, **OD** 23.80, **Height** 17.00, **Rolls** 13
Closed end. Used w/ inner race: HC-CARGO 141111.

Pkg. 10



141111 Inner Race

Replacing: 10470431

Servicing: 15SI, 17SI, CS144

ID 10.00, **OD** 17.00, **Height** 15.00
Used w/ needle bearing: HC-CARGO 140773.

Special Bearings

Pkg. 8



140784 Ball Bearing

Replacing: 10473711

Servicing: CS130, 10463172, 10479895, 10479901, 10479902, 10479903, 10479905, 10479906, 10479909, 10479910, 10479911, 10479912

ID 10.00, **OD** 26.00, **Height** 10.00

Pkg. 10



141002 Ball Bearing

Replacing: 1989711, 10474532, 10472207

Servicing: CS144, 3G series, 10463011, 10463012, 10463015, 10479809, 10479836, 10479838, 10479839, 10479843, 10479844, 10479847

ID 10.00, **OD** 26.00, **Height** 8.00, **Teflon ring** w/

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Fans & Pulleys

Fans



131854 Fan

Replacing: 1969481

Servicing: 25SI, 27SI, 29SI, 30SI, 40SI, 10459002, 10459004, 10459008, 10459009, 10459010, 1100072, 1100073, 1100075, 1100076

OD 167.00, **Bore dia.** 22.23, **Height** 15.75, **Fans** 11, **Pulley** w/o



133537# Fan

Replacing: 3472419

Servicing: 037, 038, 042, 048, 049, 219, 242, 243, 244, 3472020, 3472021, 3472028, 3472032, 3472033, 3472037, 3472038, 3472042

OD 130.00, **Bore dia.** 17.00, **Height** 13.20, **Fans** 11, **Pulley** w/o



133926# Fan

Replacing: 10495204

Servicing: CS121, 00219091, 00219099, 10479816, 10479949, 10479990, 10479999, 10480000, 10480073, 10480095, 10480096, 10490000

OD 117.00, **Bore dia.** 17.00, **Height** 13.50, **Fans** 11, **Pulley** w/o



133930 Fan

Replacing: 1989581

Servicing: CS130, 10463007, 10463011, 10463012, 10463013, 10463014, 10463015, 10463016, 10463017, 10463043, 10463097, 10463172

OD 123.00, **Bore dia.** 17.00, **Height** 13.25, **Fans** 11, **Pulley** w/o



133931 Fan

Servicing: CS130

OD 95.00, **Bore dia.** 30.00, **Height** 14.35, **Fans** 13, **Pulley** w/o



139045 Fan

Replacing: 3472807

Servicing: 050, 052, 053, 058, 059, 061, 065, 066, 068, 069, 070, 082, 104, 106, 121, 134, 139, 170, 188, 204, 206, 208, 220, 234

OD 128.00, **Bore dia.** 17.00, **Height** 17.30, **Fans** 11, **Pulley** w/o



233113 Fan

Replacing: 800594, 1966990, 1940994

Servicing: 10DN, 10SI, 1G series, 1100125, 1100129, 1100131, 1100132, 1100141, 1100153, 1100155, 1100159, 1100178, 1100179

OD 136.00, **Bore dia.** 17.00, **Height** 13.65, **Fans** 10, **Pulley** w/o



233826 Fan

Replacing: 10471121, 10467272

Servicing: 20SI, 21SI, 22SI, 1117619, 1117621, 1117622, 1117623, 1117625, 1117839, 1117880, 1117885, 1117886, 1117887, 1117890

OD 146.00, **Bore dia.** 22.23, **Height** 18.20, **Rotation** CR/ACR, **Fans** 11, **Pulley** w/o



234477 Fan

Replacing: 93740821

Servicing: 219137, 219139, 219187, 219199, 219235, 219251, 219292, 96224431, 96252115, 96252551

OD 87.00, **Bore dia.** 17.00, **Height** 14.50, **Fans** 12, **Pulley** w/o



236257 Fan

Replacing: 10475018

Servicing: 10479914, 10479923, 10479947, 10479955, 10480222, 10480225, 10480226, 3493225, 3493226, 3493459, 3493814, 3493823

OD 95.50, **Bore dia.** 17.00, **Height** 15.30, **Rotation** CR, **Fans** 10, **Pulley** w/o **Alternative no.:** 611006

Pulleys



131176 Pulley

Replacing: 1962567, 1953071

Servicing: 25SI, 27SI/200, 29SI, 30SI

OD 78.80, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 4.65, **Width** 40.00, **Depth** 6.60, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2

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133936 Pulley

Replacing: 1978067, 1978065, 10498301, 10495191

Servicing: 10SI, 12SI, 15SI, 17SI, CS130, 091, 10479838, 10480089, 10480090, 10480092, 10480093, 10480097, 1100109, 1100110

OD 65.00, **Bore dia.** 17.00, **Width** 16.50, **Depth** 6.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



133941 Pulley

Replacing: 1985964, 1984964, 1979846, 1979422, 10497175, 10496811

Servicing: 10SI, 12SI, 15SI, 17SI, CS121, 130, 144, 10479806, 10479807, 10479808, 10479809, 10479855, 10479862, 10479867, 10479874

OD 55.00, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 31.50, **Depth** 16.00, **Pulley type** SP, **Grooves** 6



133951# Pulley

Replacing: 1934758

Servicing: 10DN, 10SI, 15SI

OD 65.80, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 38.20, **Depth** 21.50, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



133952 Pulley

Replacing: 1877007

Servicing: 10DN, 10SI, 1102382, 1102383

OD 71.50, **Bore dia.** 17.00, **Dist./ back** 3.40, **Width** 50.00, **Depth** 33.50, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



135531 Pulley

Replacing: 3493316, 3493116, 3493115

Servicing: 170, 3472170, 3472171, 3472172

OD 55.00, **Bore dia.** 17.00, **Width** 26.60, **Depth** 15.90, **Pulley type** SP, **Grooves** 5



136364 Pulley

Replacing: 3472808

Servicing: 3472057, 3472058, 3472059, 3472060, 3472061, 3472062, 3472065, 3472066, 3472067, 3472068, 3472069, 3472070, 3472072

OD 67,80, **Bore dia.** 17.00, **Dist./ back** 6,50, **Width** 15,70, **Depth** 4,40, **Rotation** CR/ACR, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1 **Alternative no.:** 610338



136601 Pulley

Replacing: 10475021

Servicing: 10479384, 10479923, 10479947, 10480222, 10480384, 3493409, 3493823, 3493847, 3493848, 824

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 5.50, **Width** 32.50, **Depth** 19.00, **Pulley type** SP, **Grooves** 6



137056 Pulley

Replacing: 10475747

Servicing: CS130D, 10463651, 10463940, 10479991, 10480017, 10480043, 10480072, 10480167, 10480168, 10480187, 10480189, 10480190

OD 56.10, **Bore dia.** 17.00, **Dist./ back** 3.39, **Width** 29.79, **Depth** 14.50, **Pulley type** SP, **Grooves** 6



137369 Pulley

Replacing: 3472539

Servicing: 038, 049, 3472020, 3472021, 3472028, 3472032, 3472033, 3472037, 3472038, 3472042, 3472048, 3472049, 3472050, 3472051

OD 68.00, **Bore dia.** 17.00, **Dist./ back** 2.50, **Width** 16.45, **Depth** 7.90, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



139452 Pulley

Replacing: 10475460

Servicing: CS130D, 10479914, 10479955, 10480226, 3493814, 3493855, 3493914, 3493955

OD 55.00, **Bore dia.** 17.00, **Width** 31.35, **Depth** 20.00, **Pulley type** SP, **Grooves** 6



230008# Pulley

Replacing: 10497325

Servicing: 00219091, 10479990, 10479999, 96224432

OD 58.50, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 43.50, **Depth** 29.00, **Pulley type** SP, **Grooves** 5



230531 Pulley

Replacing: 1986832

Servicing: 10SI, 12SI, 1100297, 1105025, 1105027, 1105028, 1105041, 1105042, 1105561, 1105562

OD 71.00, **Bore dia.** 17.00, **Dist./ back** 3.40, **Width** 31.70, **Depth** 15.25, **Pulley type** SP, **Grooves** 6

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230535 Pulley

Replacing: 1970757, 1949357, 1949356, 1949355, 1939845, 1893675, 10495192, 10476394

Servicing: 10SI, 12SI, 15SI, 17SI, 2G series, 1100497, 1100727, 1100728, 1100729, 1102465, 1102466, 1102467, 1102472, 1102481

OD 65.30, **Bore dia.** 17.00, **Dist./ back** 3.40, **Width** 22.20, **Depth** 6.20, **Pulley type** P, **Grooves** 1



230718 Pulley

Replacing: 10467039

Servicing: 00219099, 10480000, 10480073, 10490000, 10490073, 219187, 96224431, 96252547, 96252551

OD 50.00, **Bore dia.** 17.00, **Width** 42.40, **Depth** 31.00, **Pulley type** SP, **Grooves** 5



230826# Pulley

Replacing: 3002323

Servicing: 30SI

OD 80.00, **Bore dia.** 22.00, **Dist./ back** 22.50, **Width** 63.00, **Depth** 25.90, **Pulley type** SP, **Grooves** 5



232080 Pulley

Servicing: 10SI type 116

OD 81.10, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 23.00, **Depth** 4.00, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



232081# Pulley

Servicing: 10SI type 116

OD 107.20, **Bore dia.** 17.10, **Dist./ back** 3.20, **Width** 37.80, **Depth** 18.60, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1



232084 Pulley

Replacing: 1961291

Servicing: 10SI, 1100370, 1100428, 1100642, 1100731

OD 66.10, **Bore dia.** 17.00, **Dist./ back** 3.30, **Width** 23.50, **Depth** 4.30, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



232085 Pulley

Servicing: 27SI

OD 62.80, **Bore dia.** 17.00, **Dist./ back** 3.10, **Width** 19.90, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



232087 Pulley

Replacing: 10473389

Servicing: CS130, 10479963, 10480028, 10480104

OD 54.60, **Bore dia.** 17.00, **Dist./ back** 3.30, **Width** 28.00, **Depth** 11.90, **Pulley type** SP, **Grooves** 5



232095 Pulley

Replacing: 3908560

Servicing: 12SI

OD 58.00, **Bore dia.** 19.00/25.00, **Dist./ back** 8.45, **Width** 45.00, **Depth** 30.00, **Pulley type** SP, **Grooves** 8

Stop collar: HC-CARGO 232171. (for 17.00 mm shaft).



232097# Pulley

Replacing: 10476389

Servicing: CS130D, 10480052, 10480071, 10480119, 10480207, 10480217, 10480233, 10480235, 10480236, 10480237, 10480259, 10480263

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 29.00, **Depth** 14.00, **Pulley type** SP, **Grooves** 6



232098 Pulley

Replacing: 1987810

Servicing: 10SI, 15SI, CS130, 1105429, 1105537, 1105558, 1105559, 1105560

OD 62.00, **Bore dia.** 21.50/24.50, **Dist./ back** 3.50, **Width** 44.00, **Depth** 26.50, **Pulley type** SP, **Grooves** 8

Stop collar: HC-CARGO 232170. (for 17.00 mm shaft).



232103# Pulley

Replacing: 1938553

Servicing: 25SI, 29SI, 30SI, 10480241

OD 88.00, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 7.90, **Width** 59.00, **Depth** 25.50, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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232105 Pulley

Servicing: 25SI

OD 104.80, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 5.30, **Width** 33.30, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1



232108# Pulley

Servicing: 25SI, 29SI, 30SI

OD 87.80, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 3.40, **Width** 55.00, **Depth** 20.50, **Belt type** B=12.5, **Pulley type** SP, **Grooves** 3



232109 Pulley

Replacing: 830279

Servicing: 21SI, 22SI, 25SI, 26SI, 30SI, 33SI, 34SI, 1102553, 1117067, 1117240, 1117268, 1117271, 1117272, 1117278, 1117483

OD 85.20, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 3.40, **Width** 44.00, **Depth** 10.40, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



232110# Pulley

Replacing: 1987932

Servicing: 20SI, 21SI, 1117611

OD 90.60, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 13.70, **Width** 33.60, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



232111 Pulley

Replacing: 168764401

Servicing: 21SI

OD 89.50, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 4.80, **Width** 39.65, **Depth** 6.00, **Belt type** B=12.5, **Pulley type** DP, **Grooves** 2



232112# Pulley

Replacing: 5145471

Servicing: 25SI, 30SI

OD 72.00, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 6.00, **Width** 40.40, **Depth** 6.50, **Pulley type** SP, **Grooves** 9



232114 Pulley

Replacing: 10468526

Servicing: 21SI, 25SI, 26SI, 30SI, 1117267, 1117270, 1117808, 1117813, 1117955, 1117958, 19010013, 19010159, 19010162

OD 82.60, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 3.30, **Width** 37.60, **Depth** 4.00, **Pulley type** SP, **Grooves** 8



232115 Pulley

Replacing: 10474925

Servicing: 21SI, 22SI, 33SI, 34SI, 1117931, 1117932, 1117933, 19010136, 19010137

OD 69.00, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 3.50, **Width** 41.50, **Depth** 8.00, **Pulley type** SP, **Grooves** 8



232116 Pulley

Replacing: 10499362

Servicing: 22SI, 27SI, 1101287, 1101288, 1101289

OD 57.00, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 2.85, **Width** 38.00, **Depth** 4.19, **Pulley type** SP, **Grooves** 8



232117 Pulley

Servicing: 20SI

OD 94.00, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 26.80, **Width** 93.00, **Depth** 59.00, **Belt type** Double=22, **Pulley type** DP, **Grooves** 2



232118# Pulley

Servicing: 20SI

OD 93.80, **Bore dia.** 22.23, **Bore dia. 2** 7/8", **Dist./ back** 29.50, **Width** 82.50, **Depth** 48.70, **Belt type** C=17.5, **Pulley type** DP, **Grooves** 2



232167 Pulley

Replacing: 1846529

Servicing: 10SI, 1102867, 1102927, 1103126, 1105166

OD 78.40, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 25.60, **Depth** 6.50, **Belt type** C=17.5, **Pulley type** P, **Grooves** 1

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.



233536[#] Pulley

Servicing: CS150D, 10480214, 10480215, 462, DRX08378

OD 59.50, **Bore dia.** 17.00, **Dist./ back** 4.50, **Width** 24.00, **Depth** 15.50, **Pulley type** SP, **Grooves** 4



235294 Pulley

Servicing: 219170, 219251, 96380673

OD 69.00, **Bore dia.** 17.00, **Width** 17.80, **Depth** 6.70, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1

Freewheel Pulleys



230307 Freewheel Pulley

Replacing: 10453582, 10451570

Thread size M16-1.50, **OD** 49.80, **Bore dia.** 17.00, **Dist./ back** 2.20, **Width** 35.60, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332296



230526 Freewheel Pulley

Replacing: 10484670

Servicing: AD237 series

Thread size M16-1.50, **OD** 56.65, **Bore dia.** 17.00, **Dist./ back** 2.75, **Width** 36.60, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



237263 Freewheel Pulley

Replacing: 10493077

Thread size M16-1.50, **OD** 56.00, **Bore dia.** 17.00, **Dist./ back** 0.50, **Width** 34.80, **Pulley type** SP/FW, **Grooves** 7

Pulley tool: HC-CARGO 210843.



238690 Freewheel Pulley

Replacing: 10511026

Servicing: 8400157, 8400159, 8400219

Thread size M16-1.50, **OD** 59.59, **Bore dia.** 17.00, **Dist./ back** 5.51, **Width** 39.07, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332314



332296 Freewheel Pulley HC-CARGO

Replacing: 10453582, 10451570

Thread size M16-1.50, **OD** 50.00, **Bore dia.** 17.00, **Dist./ back** 2.75, **Width** 38.00, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Alternative no.: 230307



332314 Freewheel Pulley HC-CARGO

Replacing: 10511026

Servicing: 8400157, 8400159, 8400219

Thread size M16-1.50, **OD** 59.60, **Bore dia.** 17.00, **Dist./ back** 5.20, **Width** 42.40, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 238690

Pulley Parts

Spacers

Pkg. 10



133945 Spacer for Pulley

Replacing: 1959991

Servicing: 10DN, 10SI, 15SI, CS121, 130, 042, 10479914, 10480226, 1100486, 1100487, 1100490, 1100491, 1100492, 1100493, 1100494

ID 17.00, **OD** 22.20, **Height** 5.00

Pkg. 10



133946 Spacer for Pulley

Replacing: 1986000, 1978064

Servicing: 10SI, 12SI, 15SI, CS121, 130, 00219091, 00219099, 10463176, 10479097, 10479806, 10479807, 10479808, 10479809, 10479836

ID 17.00, **OD** 25.50, **Height** 10.10

Pkg. 10



133947 Spacer for Pulley

Replacing: 1989629

Servicing: CS130, 10463011, 10463012, 10463015, 10463176, 10463187, 10463197, 10479097, 10479806, 10479807, 10479808, 10479874

ID 17.00, **OD** 25.50, **Height** 3.00

Pkg. 10



133948 Spacer for Pulley

Replacing: 1975350, 1963139

Servicing: 10DN, 10SI, 12SI, 15SI, 17SI, 10480005, 10480058, 10480060, 1100127, 1100140, 1100141, 1100145, 1100150, 1100151

ID 17.00, **OD** 22.20, **Height** 10.00

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[#]Available while stock last, ***** Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



137193 Spacer for Pulley

Replacing: 1989630

Servicing: CS121, CS130, 00219091, 00219099, 10463011, 10463012, 10463015, 10463172, 10463176, 10463187, 10463197, 10479097

ID 17.00, **OD** 25.50, **Height** 5.30

Pkg. 5



137194 Spacer for Pulley

Replacing: 1985999, 10475000

Servicing: 15SI, 17SI, CS144, 10479809, 10479817, 10479821, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834

ID 17.00, **OD** 25.50, **Height** 5.80

Pkg. 5



137195 Spacer for Pulley

Servicing: CS121, 10480095, 10480096, 3493704, 3493706, 3493715, 3493717

ID 17.00, **OD** 36.00, **Thickness** 3.00

Pkg. 5



137196 Spacer for Pulley

Replacing: 10469875

Servicing: CS130, 10463172, 10479895, 10479954, 10479969, 10479976, 10480025, 10480055, 10480069, 10480082, 10480083, 10480084

ID 17.00, **OD** 28.50, **Thickness** 1.00, **Material** Steel

Pkg. 5



137197 Spacer for Pulley

Servicing: CS130D, 10463651, 10479923, 10479947, 10479991, 10480017, 10480071, 10480072, 10480119, 10480187, 10480189, 10480190

ID 17.00, **OD** 46.60, **Thickness** 6.10

Pkg. 5



137198 Spacer for Pulley

Replacing: 10470412

Servicing: CS144, 10479817, 10479821, 10479852, 10479891, 10479895, 10480008, 10480011, 10480018, 10480019, 10480022, 10480023

ID 17.00, **OD** 25.50, **Height** 6.50

Pkg. 5



137200 Spacer for Pulley

Replacing: 10470075

Servicing: CS121, 10480095, 10480096

ID 17.00, **OD** 33.00, **Height** 5.00



232169 Spacer for Pulley

Replacing: 10495168

Servicing: 17SI, CS130D, CS144, 10479817, 1101133, 1101270, 1101296, 1101329, 1101330, 1105657

ID 17.00, **OD** 22.00, **Height** 13.50

Pulley: HC-CARGO 232090, 232094.

Pkg. 10



232170# Spacer for Pulley

Replacing: 1987801

Servicing: 10SI, 15SI, CS130, 1105429, 1105537, 1105558, 1105559, 1105560, 1105574

ID 17.00, **OD** 22.00, **Height** 17.00

Pulley: HC-CARGO 232098.



232749# Spacer for Pulley

Replacing: 1968890, 10497219

Servicing: 25SI, 30SI, 1117067, 1117068, 1117141, 1117142, 1117143, 1117144, 1117145, 1117146, 1117147, 1117148, 1117149, 1117150

ID 22.23, **OD** 35.00, **Height** 13.70

Pulley Covers

Pkg. 10



138092 Pulley Cover

Replacing: 10454850

OD 49.00, **Height** 2.00

Pkg. 10



235475 Pulley Cover

Replacing: 19054399, 19024399

Servicing: 8400157, 8400159, 8400219

OD 55.40, **Height** 4.70

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Tools



210843 Combi Tool

Replacing: 210843

Servicing: Bosch Alternators

33 teeth combi tool for the disassembly and assembly of the free wheel pulley. XZN 10x110 mm, w/ 1/2" socket and 22 mm hexagon.



210909 Combi Tool

Replacing: 210909

Servicing: Valeo Alternators

33 teeth combitool for disassembly and assembly of free wheel pulley. Torx 50x110 mm, w/ 1/2" socket and 22 mm hexagon.

Repair Kits



131504 Battery Terminal Kit

Replacing: 1846900

Servicing: 10SI, 12SI, 15SI, 17SI, CS144, 1100267, 1100486, 1100487, 1100490, 1100491, 1100492, 1100493, 1100494, 1100497, 1100499

Total length 50.00, **Thread length** 16.41
12/24 int. 12/24 ext. B+.



133319 Repair Kit

Incl.: HC-CARGO 130668, 130674, 140088, 140115, RX103F2.



133928 Terminal Kit

Replacing: 1989652, 10497130

Servicing: CS121, -130, 10463007, 10463013, 10463014, 10463016, 10463017, 10463043, 10463097, 10463172, 10463176, 10463187

Thread size M6/M5, **Total length** 43.45, **Thread length** 11.30
B+.



133935 Terminal Kit

Replacing: 10496750, 10456489

Servicing: CS130, 10463011, 10463012, 10463015, 10479807, 1101101, 1101107, 1101135, 1101136, 1101137, 1101138, 1101141, 1101154

Thread size M5, **Total length** 43.75, **Thread length** 18.10



135005 Terminal Kit B+

Replacing: 1975471, 10479702

Servicing: 10479809, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 10479836, 10479838, 10479839, 10479843

Thread size 12-24 UNC/M6, **Total length** 48.70, **Thread length** 16.00



135352 Repair Kit

Servicing: 065, 082, 206, 3472065, 3472082, 3472206

Incl.: HC-CARGO 131044, 130674, 140088, 140115, RX103F2.



136241 Repair Kit

Incl.: HC-CARGO 132930, 130674, 140088, 140115, RX103F3.



138131 Repair Kit

Servicing: 25SI, 26SI



232646# Terminal Kit

Replacing: 1959833

Servicing: 10DN series, 1100059, 1100063, 1100064, 1100065, 1100068, 1100074, 1100557, 1100558, 1100566, 1100567, 1100568, 1100569



232648 Terminal Kit

Replacing: 1851714

Servicing: 10SI, 12SI, 15SI, 17SI, 10479827, 10479834, 10480005, 1100092, 1100193, 1100194, 1100195, 1100224, 1100499, 1101228



232649 Terminal Kit

Replacing: 1974414, 1894626

Servicing: 20SI, 29SI, 30SI, 34SI, 1117160, 1117161, 1117162, 1117163, 1117164, 1117165, 1117611, 1117612, 1117616, 1117618

Thread size M8, **Total length** 31.80, **Thread length** 21.40

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232654 Terminal Kit

Replacing: 1876897, 10497168

Servicing: 30SI, 10459002, 10459004, 10459008, 10459009, 10459010, 1117067, 1117068, 1117481, 1117482, 1117483, 1117484, 1117485



232656 Terminal Kit

Replacing: 10456417

Servicing: 21SI, 22SI, 1117839, 1117880, 1117894, 1117905, 1117906, 1117911, 1117914, 1117916, 1117924, 1117925, 1117929, 1117931



232657 Terminal Kit

Replacing: 10456427

Servicing: 21SI, 22SI, 1117885, 1117886, 1117887, 1117890, 1117891, 1117892, 1117898, 1117912, 1117913, 1117915, 1117917, 1117918



232659 Terminal Kit

Replacing: 10479703

Servicing: 21SI, 22SI, 1117897, 1117900, 1117944, 1117949, 19010108, 19010111, 19010182, 19010185, 19010193, 19020382, 19020391



232706 Terminal Kit

Replacing: 10457159

Servicing: 21SI, 22SI, 1117940, 1117947, 1117948, 1117949, 1117950, 1117951, 1117952, 1117953, 1117954, 1117955, 1117956, 1117958

Sundry Parts

Insulators

Pkg. 5



133497 Insulator

Replacing: 3493053, 3493051, 3493027, 3493026, 3493025

Servicing: 104, 106, 121, 130, 134, 139, 219, 230, 234, 239, 242, 243, 244, 3472104, 3472105, 3472106, 3472119, 3472120, 3472121

ID/ mount. hole 6.45, **Length** 56.35

Pkg. 5



134327 Insulator

Servicing: 1101551

Pkg. 5



135524 Insulator

Replacing: 3493066

Servicing: 3472641, 3493641, 3493741, 3493791

ID/ mount. hole 6.50, **Length** 55.50, **Height** 12.40

Pkg. 10



135763 Insulator

Servicing: 10SI, 12SI, 15SI, 17SI, 20SI, 219235

ID 4.25, **OD** 4.45, **Length** 15.85

Pkg. 25



137054 Insulator

Replacing: 10475745, 10475012

Servicing: CS130D, 10463940, 10479384, 10479914, 10479923, 10479947, 10479955, 10479991, 10480017, 10480071, 10480072, 10480119

OD 76.30, **Height** 16.70

Pkg. 10



232695 Insulator

Servicing: CS121

ID 5.20, **OD** 25.55, **Height** 16.65

B+ terminal: HC-CARGO 232705.

Pkg. 5



235539 Insulator

Servicing: 219138, 219139, 219187, 219202, 96224431, 96252551

Total length 21.90

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Terminal Plugs

Pkg. 10



232686 Plug

Replacing: 1987869

Servicing: 10SI, 21SI, 22SI, 27SI, 1101251, 1101287, 1101288, 1101289, 1105453, 1105454, 1105455, 1105456, 1105457, 1105458

OD 22.15, **Height** 15.35
Used w/ webbed terminals.

Thru Bolts

Pkg. 20



191584 Through Bolt

Replacing: 10475057

Servicing: 10455506, 177, 3471177, 96569440

Thread M5, **Length** 125.00, **Thread length** 60.00, **Head type** Cheese head, **Screw type** Pozidriv

Pkg. 10



230421 Through Bolt

Replacing: 1956975

Servicing: 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 10479858, 10479860, 10479862, 10479864, 10479865

Thread size 10-24 UNC, **Total length** 2 1/4", **Length/ rear collar** 2 1/8", **Thread length** 1 1/8"

Pkg. 10



232051 Through Bolt

Replacing: 1989624, 10473999

Servicing: 00219091, 00219099, 10463011, 10463012, 10463015, 10463172, 10463176, 10463187, 10463197, 10479097, 10479806, 10479807

Thread size M5, **Total length** 72.35, **Length/ rear collar** 66.00, **Thread length** 20.40

Pkg. 10



232637 Through Bolt

Replacing: 1989690, 1894445

Servicing: 10479809, 10479817, 10479836, 10479838, 10479839, 10479843, 10479844, 10479847, 10479852, 10479853, 10479854, 10479855

Thread size 10-24 UNC, **Total length** 2 5/8", **Length/ rear collar** 2 1/2", **Thread length** 1 3/32"

Pkg. 10



232639 Through Bolt

Replacing: 10491236

Thread size M8, **Total length** 103.25, **Length/ rear collar** 97.50, **Thread length** 24.20

Pkg. 10



232640 Through Bolt

Replacing: 1968991

Servicing: 10459002, 10459004, 10459005, 10459006, 10459007, 10459008, 10459009, 10459010, 1117067, 1117068, 1117069, 1117141

Thread size 10-24 UNC, **Length/ rear collar** 3 5/8", **Thread length** 1"

Pkg. 2



233154 Through Bolt

Replacing: 10475638

Servicing: 8000032, 8000321, 9000786, 9000798, 9000805, 9000806, 9000812, 9000819, 9000820, 9000821, 9000822, 9000834, 9000835

Thread size M5, **Total length** 106.50, **Length/ rear collar** 102.00, **Thread length** 17.65

Pkg. 10



233422 Through Bolt

Replacing: 10475769

Servicing: 10463651, 10463940, 10479991, 10480017, 10480071, 10480072, 10480119, 10480167, 10480168, 10480187, 10480189, 10480190

Thread size M6/M6, **Total length** 68.25, **Length/ rear collar** 61.60, **Thread length** 25.00

All measurements are in mm, unless else stated.
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Screws

Pkg. 10



134077 Screw

Replacing: 1989681, 1989650, 10475002

Servicing: CS121, -130, 00219091, 00219099, 10463011, 10463012, 10463015, 10463172, 10463176, 10463187, 10463197, 10463651

Thread M4, **Total length** 25.30, **Thread length** 18.00

E5 torx.

Pkg. 10



232992 Solenoid Screw

Replacing: 10475636

Servicing: PG260F1, PG260F2, PG260M, 10479806, 10479816, 10479920, 10479923, 10479990, 10479999, 10480000, 10480071, 10480073

Thread M4-0.70, **Total length** 26.25, **Thread length** 13.70, **Slot type** Torx

E5 torx.

Pkg. 10



233425 Screw

Replacing: 1876681

Servicing: 10SI, 12SI, 15SI, 17SI, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 10479858, 10479860

Thread 8.00-32.00, **Total length** 1 1/4"

w/ insulator for brush holder.

Pkg. 10



233426# Screw

Replacing: 830338

Servicing: 20SI, 30SI, 10459009, 10459010, 1117067, 1117068, 1117141, 1117142, 1117144, 1117147, 1117148, 1117149, 1117150

Thread 8.32, **Total length** 1 15/32", **Thread length** 11/16", **Head type** Hex washer

1/4".

Pkg. 10



233427 Screw

Replacing: 1974020

Servicing: 10SI, 10480058, 10480060, 1100114, 1100170, 1100171, 1101192, 1101193, 1101195, 1101201, 1101202, 1101203, 1101204

Thread 8.00-32.00, **Total length** 1 7/16", **Thread length** 1 5/16"

For brush holder.

Pkg. 10



233428 Screw

Replacing: 1968998, 1847807, 1846955

Servicing: 20SI, 37MT, 40MT, 42MT, 1009812, 10459002, 10459003, 10459004, 10459005, 10459006, 10459007, 10459008, 10459009

Thread 1/2", **Total length** 15.60, **Thread length** 12.20

Pkg. 10



233430 Screw

Replacing: 1851612

Servicing: 10SI, 12SI, 15SI, 17SI, 10479821, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 10479858

Thread 8.00-32.00, **Total length** 39/64", **Thread length** 1/2"

Pkg. 10



233431 Screw

Replacing: 1976061

Servicing: 20SI, 26SI, 29SI, 30SI, 33SI, 34SI, CS144, 058, 070, 10459002, 10459004, 10459008, 10459009, 10459010, 1117067, 1117068

Thread 8.00-32.00, **Total length** 28.35

Pkg. 10



233432 Screw

Replacing: 1894586, 1894458

Servicing: 20SI, 21SI, 22SI, 26SI, 29SI, 30SI, 33SI, 34SI, 10459002, 10459004, 10459008, 10459009, 10459010, 10479821, 10479836

Thread 8.00-32.00, **Total length** 1 1/8", **Thread length** 1", **Head type** Hex washer

1/4".

Pkg. 10



233433 Screw

Replacing: 1894641

Servicing: 20SI, 29SI, 10459002, 10459004, 10459008, 1105075, 1105077, 1105086, 1105098, 1105099, 1105100, 1105159, 1105430

Thread 10.00-24.00, **Total length** 41/64", **Thread length** 1/2", **Head type** Hex washer

5/16".

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.

Pkg. 10



233434 Screw

Replacing: 1968945

Servicing: 20SI, 25SI, 26SI, 29SI, 30SI, 10459002, 10459003, 10459004, 10459005, 10459006, 10459007, 10459008, 10459009, 10459010

Thread 10.00-24.00, **Total length** 1", **Thread length** 13/16"

Pkg. 5



233681 Screw

Replacing: 10475737

Servicing: CS130D, 082, 091, 10463940, 10479914, 10479923, 10479955, 10479991, 10480017, 10480071, 10480072, 10480119, 10480167

Thread 8.00-32.00, **Total length** 1", **Thread length** 1/2", **Slot type** Torx

Nuts

Pkg. 200



191307 Hex Flange Nut

Replacing: 1989649

Servicing: CS121, -130, 00219091, 00219099, 10479949, 10480000, 10480073, 1101199, 1101551, 96109301, 96109302

Thread M5-0.8, **Spanner size** 8.00
Alternative no.: B191307

Pkg. 10



233435 Nut

Replacing: 1851808

Servicing: 10SI, 12SI, 15SI, 17SI, 20SI, 21SI, 22SI, 25SI, 26SI, 27SI, 29SI, 30SI, 33SI, 34SI, CS144, 10459002, 10459003, 10459004

Thread 8.00-32.00, **OD** 11/32"
For regulator terminal.

Oil Seals



138130 Oil Seal

Replacing: 1958509

Servicing: 25SI, 26SI, 1117067, 1117068, 1117069, 1117122, 1117133, 1117138, 1117139, 1117155, 1117225, 1117226, 1117227, 1117228

ID 35.00, **OD** 51.00, **Height** 8.00

Various

Pkg. 10



132582 Insulator

Replacing: 3472622

Servicing: 014, 018, 022, 023, 024, 026, 027, 028, 032, 033, 035, 037, 042, 048, 050, 051, 052, 053, 058, 059, 062, 065, 066, 067

ID 6.35, **OD** 15.15, **Thickness** 3.55, **Material** Plastic



134076 Baffle

Servicing: CS121, 10479816, 10479990, 10479999, 1101176, 1101199, 1101291, 1101321, 1101483, 1102615, 219091

OD 113.00, **Thickness** 4.20



134656 Adaptor

Thread size M6

Pkg. 10



137128 Pin

Servicing: CS121, CS130, 219235

OD 2.60, **Length** 8.50



137129 Baffle

Replacing: 1989655, 1988655

Servicing: CS130, 10463007, 10463011, 10463012, 10463013, 10463014, 10463015, 10463016, 10463017, 10463043, 10463097, 10463172

OD 121.25, **Thickness** 4.35

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



230684 Resistor

Replacing: 830478

Servicing: 10SI, 12SI, 15SI, 17SI, 10463013, 10463014, 10463016, 10463017, 10479814, 10479823, 10479825, 10479826, 10479827

ID/ mount. hole 6.00, **Length** 37.15, **Width** 17.25

40 Ohm resistor.



231359 Baffle

Replacing: 10495213

Servicing: CS121, 00219099, 10480000, 10480073, 10490000, 10490073, 1101531, 1101816, 219053, 219101, 96109301, 96109302, 96252547

OD 114.00, **Thickness** 4.00



231360 Baffle

Servicing: CS121D, 10480095, 10480096, 96224431

ID 60.00, **OD** 114.00, **Thickness** 3.40

Pkg. 10



232687 Grommet

Replacing: 1974629

Servicing: 29SI, 33SI, 34SI, 1117160, 1117161, 1117162, 1117163, 1117164, 1117165

Dim. A 37.00, **Dim. B** 28.00, **Dim. C** 9.00, **Dim. D** Ø 5.00, **Material** Rubber

Pkg. 10



232709 Repair Lead

Replacing: 1964363, 1876809, 1876080

Servicing: 10SI, 27SI/200 negative grounding 30SI, 10459009, 10459010, 10479926, 10480060, 1100077, 1100078, 1100080, 1100081

ID 4.50, **Length** 21.80, **Lead length** 45.40, **Width** 8.60

For rectifier/regulator.

Pkg. 5



232711 Connection

Replacing: 1894464

Servicing: 20SI, 1117611, 1117612, 1117616, 1117618, 1117619, 1117621, 1117622, 1117623, 1117625, 1117640, 1117641, 1117642

Mount hole 7.40, **Mount. hole 2** 6.70, **Total length** 79.45

Pkg. 5



232712 Connection

Replacing: 1894462

Servicing: 20SI, 1117611, 1117612, 1117616, 1117618, 1117619, 1117621, 1117622, 1117623, 1117625, 1117640, 1117641, 1117642

Mount hole 6.35, **Mount. hole 2** 6.35, **Total length** 55.15

Pkg. 5



232714# Connection

Replacing: 801815

Servicing: 27SI, 1100072, 1100073, 1100075, 1100076, 1100077, 1100078, 1100080, 1100081, 1100082, 1100083, 1100086, 1100087

Mount hole 6.00, **Mount. hole 2** 6.60, **Total length** 54.40

Pkg. 5



232717 Connection

Replacing: 10467339

Servicing: 21SI, 22SI, 1117839, 1117880, 1117886, 1117890, 1117891, 1117892, 1117894, 1117897, 1117898, 1117900, 1117905, 1117906

Mount hole 4.70, **Mount. hole 2** 7.90, **Total length** 42.25

Pkg. 5



232718 Connection

Replacing: 10467404

Servicing: 21SI, 22SI, 1117880, 1117885, 1117886, 1117887, 1117890, 1117891, 1117892, 1117894, 1117897, 1117900, 1117905, 1117906

Mount hole 5.15, **Mount. hole 2** 7.00, **Total length** 46.00

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.

Pkg. 5



232719 Connection

Replacing: 10468944

Servicing: 21SI, 22SI, 1117885, 1117887, 1117892, 1117897, 1117900, 1117915, 1117920, 1117934, 1117945, 1117946, 1117949, 1117950

Mount hole 5.10, **Mount. hole 2** 5.15, **Total length** 51.30

Pkg. 5



232755 Dust Cap

Replacing: 1876813

Servicing: 25SI, 26SI, 30SI, 33SI, 34SI, 10459002, 10459003, 10459004, 10459005, 10459006, 10459007, 10459008, 10459009, 10459010

OD 30.35, **Height** 4.85



232757 Adaptor

Servicing: CS121, 10480095, 10480096

Oval shape. 3 terminals.



232760# Baffle

Replacing: 10474090

Servicing: CS130, 10479998, 10480105, 10480265

ID 72.20, **OD** 120.50, **Thickness** 1.65



232761 Resistor

Servicing: 27SI/200

ID/ mount. hole 7.00

150 Ohm resistor. Resistor connects from battery terminal to pin-type R-terminal for faster 'cut-in' speed.



233119 Condenser

Replacing: 1988972

Servicing: 17SI, 21SI, 33SI, 34SI, 10479864, 10479868, 10479870, 10479915, 1101215, 1101252, 1101258, 1101290, 1105585, 1105613

Length 38.50, **Height** 13.30, **Width** 25.55

1.50 µf capacitor.



233206 Condenser

Replacing: 1988873

Servicing: 10SI, 12SI, 15SI, 27SI, 10480005, 10480058, 10480060, 1101102, 1101103, 1101104, 1101105, 1101109, 1101134, 1101155

Length 34.15, **Height** 14.35, **Width** 25.20

1.50 µf capacitor.



233448 Baffle

Servicing: 219137, 219138, 219139, 219199, 219202, 96252115

ID 59.50, **OD** 114.50, **Thickness** 3.30



233744 Condenser

Replacing: 10475016

Servicing: 10479914, 10479918, 10479923, 10479947, 10479955, 3493814, 3493823, 3493847, 3493855

Length 42.00, **Height** 20.30

Pkg. 5



234298 Condenser

Replacing: 830890, 1978146, 1976364

Servicing: 10SI, 12SI, 15SI, 17SI, 27SI, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 10479858, 10479860

Length 50.00, **Width** 17.00, **Type** Round

1.50 µf capacitor.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Brush Boxes

Brush Box Parts

Brush Sets



140447 Brush Set

Replacing: 1130041

Servicing: 1130, 1131, 1132, 1158, 1159

14 **V**, **Length** 14.81, **Lead length** 36.00, **Height** 6.50, **Thickness** 5.50

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Rotors

28 Volt



136497# Rotor

Replacing: 1221-004-00x0

Servicing: 0211-401-0210, 0211-401-0291, 0211-401-2010, 0211-401-2210, 02114010291, 270201010, 270201380, 270201820

28 **V**, 15 **Amp**, **Thread size** M14-1.50, **OD** 93.00, **Shaft dia.** 20.00, **Total length** 178.30

Brackets

Bracket Parts

Various



134554 Ring

Replacing: 1359-063-10x9

Servicing: 0350-702-0160, 0350-702-0273, 0350-702-0319

Regulators

28 Volt



133516 Regulator

Replacing: 1291-004-00x0, 1219-005-00, 1219-004-00

Servicing: 0201-102-4015, 0201-152-0053, 0201-152-0070, 0202-152-0010, 0202-152-0021, 0202-152-0043, 0202-152-0210, 0202-152-0220

Dist. mount. holes 58.20, **Terminal type** R-L-F-C-E



233493 Regulator

Replacing: 1291-010-00x0

Servicing: 0201-152-0114, 0201-152-0214, 0201-152-0310, 0201-152-0410, 0201-152-0420, 0201-152-0713, 0201-152-0811

Dist. mount. holes 61.30, **Regulator type** Electronic, **Terminal type** N-L-LA-T



233735 Regulator

Replacing: 0514-030-0610

Dist. mount. holes 114.90



234275# Regulator

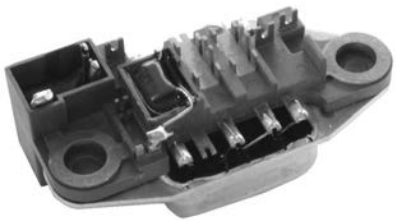
Replacing: 1291-006-10x0

Servicing: 0201-102-2310, 0201-102-2410

Dist. mount. holes 58.00, **Terminal type** L-F-C-E

I.C.Regulators

28 Volt



136168 Repair Circuit

Replacing: 1291-008-00x0

Servicing: 0201-102-0010, 0201-102-2710, 0201-102-2810, 0201-102-2910, 0201-102-2921, 0201-102-2940, 0201-102-2963, 0201-102-2973

Dist. mount. holes 59.00, **Terminal type** R-L-F-E-L-A-N

Brush Boxes



136490# Brush Box

Replacing: 1231-000-20x0

Servicing: 0211-102-0012, 0211-102-0022, 0211-102-0223, 0211-102-0232, 0211-102-4310, 0211-102-4320, 0211-401-0210, 0211-401-0291

28 **V**

Brush Box Parts

Brush Sets

Pkg. 10



140819 Brush Set

Replacing: 2660-001-10x0

Servicing: 0211-102-0012, 0211-102-0022, 0211-102-0223, 0211-102-0232, 0211-102-0412, 0211-102-2512, 0211-102-3113, 0211-102-3210

28 **V**, **Length** 19.00, **Lead length** 42.50, **Height** 6.00, **Thickness** 6.00

Pkg. 10



140820 Brush Set

Replacing: 2660-001-20x0

Servicing: 0214-501-0014, 0214-501-0114, 0214-501-0213, 0214-501-0313, 0214-501-0314, 0214-501-0513, 0214-801-0014, 0214-801-0114

28 **V**, **Length** 18.00/19.00, **Lead length** 49.00, **Height** 6.00, **Thickness** 6.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



140821 Brush Set

Replacing: 2660-014-01x0

28 **V**, **Length** 20.00/22.50, **Lead length** 45.00, **Height** 12.00, **Thickness** 6.00

Bearings

Needle Bearings

Pkg. 10



140136 Needle Bearing

Replacing: 6206-002-20x0, 6206-002-00x0

Servicing: 20SI, 27SI type 200, 0201-102-1011, 0201-102-1111, 0201-102-1210, 0201-102-1221, 0201-102-1310, 0201-102-1410

ID 17.00, **OD** 23.80, **Height** 32.00, **Rolls** 15

Closed end.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Rotors

14 Volt



130901 Rotor

Replacing: 71151203

Servicing: 71210702, 71212302, 71212602, 71212702, 71220402, 71223502, 71223702, 71228902, 71251203, 71270402, 71270802, 71271002

14 **V**, 55 **Amp**, **Thread size** M16-1.00, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 145.00



131645# Rotor

Replacing: 71153403

Servicing: 71635102, 71635502, 71635802, 71635902, 71636002, 71636102, 71636202, 71636302, 71636402, 71636802, 71650002, 71650402

14 **V**, 55 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 136.00, **Rotation** CR



131970 Rotor

Replacing: 71154303

Servicing: 71651902, 71652102, 71653202

14 **V**, 50 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 156.00, **Rotation** CR

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28 Volt



131076 Rotor

Replacing: 71151903

Servicing: 71543102

28 **V**, 45 **Amp**, **Thread size** M16-1.50 L, **OD** 88.00, **Shaft dia.** 17.00, **Total length** 157.00

Rotor Parts

Slip Rings



130718 Slip Ring

Replacing: 71951903

Servicing: 26641, 26642, 26650, 26651, 34810, 71226802, 71228102, 71229002, 71270002, 71270202, 71270302, 71271202, 71312002

ID 19.50, **OD** 39.00, **Total length** 24.60



131037 Slip Ring

Replacing: 71951703

Servicing: 71543102

ID 39.00, **OD** 17.00, **Total length** 24.00

Pkg. 5



133351 Slip Ring

Servicing: 26650, 71153403, 71226802, 71229002, 71635702, 71636202, 71636302, 71636802, 71650202, 71651302, 71651802, 71651902

ID 34.00, **OD** 17.00, **Total length** 23.00
6 splines.

Washers

Pkg. 10



234710 Washer

Servicing: 71655002

ID 6.75, **OD** 15.30, **Thickness** 1.45, **Material** Plastic

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Stators

14 Volt



131982# Stator

Replacing: 71111703

Servicing: 71770002, 71770102, 71770202

14 **V**, 80 **Amp**, **ID** 100.00, **OD** 136.50, **OD 2** 129.00, **Height** 28.00, **Terminals** 3

Brackets

Bracket Parts

Mounting Brackets



139583 Mounting Bracket

Replacing: 71998003

Servicing: 71636202, 71636302, 71636802, 71636902, 71651602, 71652002, 71652102, 71653202

Mount hole 5.30, **ID** 10.80, **Thickness** 2.95, **Dist. mount. holes** 86.85

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Mounting Bushing Kits



131608 Mounting Bushing Kit

Servicing: 70220002, 70220502, 71227102, 71227902, 71230202

ID 10.00, **OD** 13.20, **OD/ collar** 24.95, **Length** 7.15, **Height/ collar** 1.65

Bearing Caps

Pkg. 5



131827 Bearing Cap

Replacing: 71997103

Servicing: 26650, 70220002, 70220302, 70220402, 70220502, 70220702, 70225002, 70225102, 70229002, 70229102, 70229402, 70229502

ID 30.00, **OD** 32.00, **Height** 13.40

Covers



131624 S.R.E. Cover

Replacing: 71997003

Servicing: 71635102, 71635202, 71635502, 71635602, 71635702, 71635802, 71635902, 71636002, 71636102, 71636202, 71636302, 71636402

Regulators

14 Volt

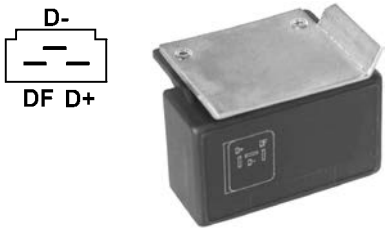


130017 Regulator

Replacing: 72711302, 72711202, 72711102, 72711002, 72710902, 72710402

Servicing: 71220402, 71220602, 71220702, 71220902, 71221002, 71223202, 71223402, 71223602, 71223802, 71226602, 71227702, 71270102

15.2 **V setting**, **Dist. mount. holes** 89.00, **D+ type** Spade, **Regulator type** Electronic
Single phase.

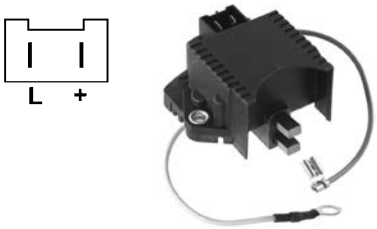


130632 Regulator

Replacing: 72718002, 72708002, 72612112

Servicing: 70220302, 70220702, 71333102, 71655002, 71655102

14.4 **V setting**, **Dist. mount. holes** 68.00, **Regulator type** Electronic

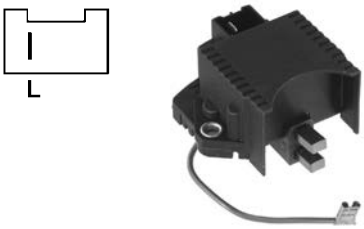


130657 Regulator

Replacing: 72591202, 72590702, 72590602

Servicing: 71651302, 71651802, 71651902, 71652402, 71652602, 71770102, 71770202

14.5 **V setting**, **Dist. mount. holes** 55.30, **Regulator type** Electronic
For 6 diode alternators.
Alternative no.: 130657Z, B130957

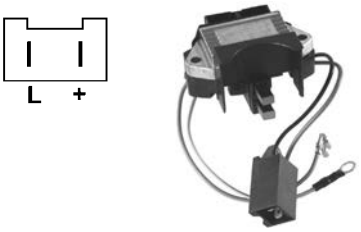


130661 Regulator

Replacing: 72590902

Servicing: 71651302, 71652202, 71652702

14.5 **V setting**, **Dist. mount. holes** 57.00, **Regulator type** Electronic
For 9 diode alternators.
Alternative no.: 130661Z, B130661



130663 Regulator

Replacing: 72591502

14.5 **V setting**, **Dist. mount. holes** 55.15



130675 Regulator

Replacing: 72717302, 72717202, 72717002, 72710502

Servicing: 71212302, 71212402, 71212602, 71233002, 71271102, 71271402, 71312002, 71314102, 71427052, 71427102, 71427202, 71523102

14.7 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic
Adjustable type: HC-CARGO 136325.



130679 Regulator

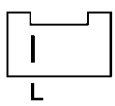
Replacing: 72717102, 72711602, 72710802, 72710602, 72710202, 72710002, 72620902, 72610502, 72610002, 72416302

Servicing: 70220402, 70220502, 70225002, 70225102, 71206002, 71210002, 71210302, 71210402, 71210502, 71210602, 71210702, 71210802

14.5 **V setting**, **Dist. mount. holes** 78.00, **Regulator type** Electronic
Triple phase.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.





130926 Regulator

Replacing: 72590302, 72590002, 72563302, 72563002

Servicing: 71635102, 71635702, 71636202, 71636302, 71636402, 71636802, 71636902, 71651502, 71652002, 71652102, 71652302, 71653102

14.5 **V setting**, **Dist. mount. holes** 44.00



130964 Regulator

Replacing: 72590102, 72567002, 72565902, 72563702, 72360102, 72115002

Servicing: 70229002, 70229102, 70229402, 70229502, 70229602, 70229702, 70229802, 70230002, 70230102, 70230202, 70230302, 70230402

14.5 **V setting**, **Dist. mount. holes** 70.70, **Regulator type** Electronic

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138990 Regulator

Dist. mount. holes 69.80

As HC-CARGO 130964, but adjustable.

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28 Volt



130015 Regulator

Replacing: 72620702, 72620602, 72620502, 72620402, 72370002, 72327002, 72270102, 72270002, 72229502, 72229402

Servicing: 71240002, 71249002, 71293502, 71340002, 71340102, 71340202, 71490502, 71490702, 71490802, 71493502, 71540202, 71543002

28 **V setting**, **Dist. mount. holes** 39.50, **D+ type** Spade, **Regulator type** Electronic

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Brush Boxes



130713 Brush Box

Replacing: 71931303, 71931093

Servicing: 26641, 26642, 26650, 26651, 34810, 71206002, 71210002, 71210202, 71210302, 71210402, 71210502, 71210602, 71210702

14 **V**, **OD** 53.00



131704 Brush Box

Replacing: 71931003

Servicing: 71200002, 71200102, 71203002, 72293202

14 **V**, **OD** 54.00



132396[#] Brush Box

Replacing: 71901903

Servicing: 71655002, 71655102, 71655502, 71770002

14 **V**, **OD** 52.80

Brush Box Parts

Brushes

Pkg. 100



SV7 Brush

Replacing: SVX72

14 **V**, **Length** 15.86, **Lead length** 48.00, **Height** 6.35, **Thickness** 4.52

Alternative no.: SVX72

Rectifiers



130839 Rectifier

Replacing: 71213403, 71213203, 71212903, 71212403, 71212003, 71211703

Servicing: 26641, 26642, 26650, 34810, 71206002, 71210002, 71210302, 71210402, 71210502, 71210602, 71210702, 71210802, 71210902

35 **Amp/ diode**, **OD** 95.00, **No./ diodes** 3, **Capacitor** w/o

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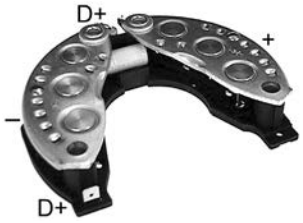
130840 Rectifier

Replacing: 71214703, 71213503, 71213303, 71211903, 71211303, 71211003, 71205003

Servicing: 26641, 26642, 26650, 34810, 71206002, 71210002, 71210302, 71210402, 71210502, 71210602, 71210702, 71210802, 71210902

35 **Amp/ diode**, **OD** 95.00, **No./ diodes** 3, **Capacitor** w/o

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131569 Rectifier

Replacing: 71216903, 71215403, 71215103

Servicing: 71635202, 71635502, 71635702, 71635802, 71636002, 71636202, 71636302, 71636402, 71636802, 71636902, 71645002, 71650202

50 **Amp/ diode**, **ID** 37.10, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/

82 Ohm resistor.

All measurements are in mm, unless else stated.

[#]Available while stock last, ***** Program development.

O.E.M. names and numbers are used for reference purposes only.



133253 Rectifier

Replacing: 70250403, 70250003

Servicing: 70220402, 70225002, 70225102, 70229002, 70229102, 70229402, 70229502, 70229602, 70229702, 70229802, 70230002, 70230102

25 **Amp/ diode**, **B+/ threaded** M6/21.90, **D+ threaded** M5/17.30, **OD** 80.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 6, **Capacitor** w/o

FRED brushless alternator.



133689 Rectifier

Replacing: 71215303

Servicing: 71635102, 71635602, 71635902, 71636102, 71650002, 71650402, 71650802, 71651802, 71651902, 71652402, 71652602, 71770102

35 **Amp/ diode**, **ID** 45.00, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/

Sundry Parts

Terminal Plugs



133199[#] Terminal Plug

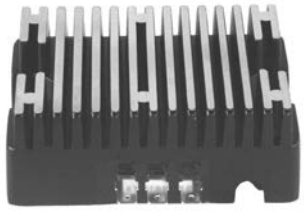
Replacing: 1234926-2

3 pin.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.

Regulators/Rectifiers



138895 Regulator/Rectifier

Replacing: 610749

Servicing: John Deere

20 **Amp**

Terminals AC-B+-AC. 10 A charging system.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Rotors



330316 Rotor

Replacing: 593561

Servicing: 2542672, 2542679, 2542685, 2542687, 2542693, 2542695, 2542697, 2542704, 2542705, 2542769, 2542772, 2542832, 2542852

14 **V**, 150 **Amp**, **Thread size** M16-1.50, **OD** 105.30, **Shaft dia.** 17.00, **Total length** 152.00, **Rotation** CR

14 Volt



130262 Rotor

Replacing: nc085, 094949, 094945, 094048, 079621, 075607

Servicing: A13R115, A13R120, A13R152, A13R171, A13R215, A13R221, A13R222, A13R225

14 **V**, 36 **Amp**, **Thread size** M14-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 144.00, **Rotation** CR



130901 Rotor

Replacing: 300684

14 **V**, 55 **Amp**, **Thread size** M16-1.00, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 145.00



131118 Rotor

Replacing: nc266, nc070, 092905, 078712

Servicing: a12r1, a12r10, a12r11, a12r12, a12r13, a12r14, a12r16, a12r17, a12r19, a12r20, a12r21, a12r22, a12r23, a12r25, a12r26

14 **V**, 40 **Amp**, **Thread size** M17-1.50, **OD** 82.40, **Shaft dia.** 17.00, **Total length** 145.00, **Rotation** CR



131455# Rotor

Replacing: nc941, nc100, 590639, 300890, 300888, 2590608

Servicing: 2541117, 2541142, 2541180, 2541181, 2541257, 2541366, 2541367, 2541489, 2541672, a13n146t, a13n15, A13N157, a13n167

14 **V**, 50 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 136.50



131645# Rotor

Replacing: 300660

14 **V**, 55 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 136.00, **Rotation** CR



131812 Rotor

Replacing: NC776, NC761, nc092, 300742, 300696, 182027, 098088, 092903

Servicing: 2518086, 2541127, 2541202, 2541225, 2541327, 2541354, 2541732, A11VI48, a14n101, a14n102, a14n11, A14N117, a14n12

14 **V**, 80 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 156.00



131963 Rotor

Replacing: nb909, 2523331

Servicing: 2541434, 2541438, 2940304, 2940305, 2940307, 2940309, 2940311, 2940371, 2940375, A13E09, A13E43, a13e45, A13E58

14 **V**, 65 **Amp**, **Thread size** M14-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 172.00, **Rotation** CR



131964 Rotor

Replacing: nb441, nb430, 2523191

Servicing: 2518057, 2541187, 2541233, 2541234, 2940275, 2940426, 2941222, 2941232, A13E19, A13E23

14 **V**, 65 **Amp**, **Thread size** M14-1.50, **OD** 88.40, **Shaft dia.** 17.00, **Total length** 150.00, **Rotation** CR



131968 Rotor

Replacing: nc247, nc239, 300886, 092968

Servicing: 2181727, 2181730, 2518058, 2541112, 2541120, 2541151, 2541331, 2541376, 2541387, 2541444, 2541464, a13n10, a13n100

14 **V**, 50 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 145.00, **Rotation** CR



131969# Rotor

Replacing: NF080, nc099, 300853

Servicing: 2183106, a13n118, a13n144, a13n32, a13n41

14 **V**, 50 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 156.50, **Rotation** CR

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



131970 Rotor

Replacing: nc096, 300734

Servicing: A13R267, A13R268

14 **V**, 50 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 156.00, **Rotation** CR



131971# Rotor

Replacing: nc098, 300846

Servicing: 2541169, 2541363, 2541768, a13n107, a13n117, a13n123, a13n129, a13n17, a13n175, a13n19, a13n215, A13N28, A13N281

12 **V**, 50 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 148.50, **Rotation** CR



133003 Rotor

Replacing: nc946, 590625, 2590625

Servicing: 2541118, 2541119, 2541121, 2541122, 2541124, 2541156, 2541171, 2541182, 2541188, 2541193, 2541245, 2541247, 2541259

14 **V**, 70 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 149.00, **Rotation** CR



136258 Rotor

Replacing: NC926, nc237, 590578, 2590510, 182022

Servicing: 2541116, 2541170, 2541364, A13N130, A13N156, A13N176, A13N216

14 **V**, 70 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 152.00, **Rotation** CR



137068# Rotor

Replacing: NC089, 182006

Servicing: 2518085, 2541197, A14N124, A14N140, A14N73, a14n75, A14N76, A14N95

14 **V**, 110 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 164.00, **Rotation** CR



137523 Rotor

Replacing: NF026, 593356, 593152, 593151, 593150, 593146, 592914, 592913, 592912, 592821

Servicing: 2541410, A11VI101, A11VI102, A11VI104, A11VI105, A11VI106, A11VI108, a11vi11, A11VI110, A11VI111, a11vi17, a11vi18

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 148.00, **Rotation** CR



137538# Rotor

Replacing: NC972, 592724, 590634

Servicing: 2541159, 2541160, 2541173, 2541174, 2541248, 2541445, 2541446, 2541469, 2541478, 2541490, 2541491, 2541712, 2541713

14 **V**, 75 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 149.00, **Rotation** CR



137580 Rotor

Replacing: 593664, 593340, 593325, 593147, 26500007, 2590941

Servicing: 2541609, 2541665, 2541665B, 2541665C, 2541758, 2541758B, 2541784, 2541784B, 2541809, 2541809A, 2541861, 2541862

14 **V**, 95/120 **Amp**, **Thread size** M16-1.50, **OD** 98.00, **Shaft dia.** 17.00, **Total length** 152.00, **Rotation** CR



137731 Rotor

Replacing: 593143, 592820, 592818, 592816

Servicing: 2541262, 2541307, 2541307C, 2541307D, 2541308, 2541310, 2541325, 2541339, 2541344, 2541348, 2541349, 2541350, 2541359

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 95.00, **Shaft dia.** 17.00, **Total length** 152.50, **Rotation** CR



138116 Rotor

Replacing: NF100, NF097, NF094, 593321, 593314, 593298, 593198, 593153, 593149, 593145, 593144

Servicing: A13VI102, A13VI104, A13VI105, A13VI106, a13vi107, A13VI108, A13VI109, A13VI113, A13VI114, A13VI117, A13VI119, a13vi121

14 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 95.30, **Shaft dia.** 17.00, **Total length** 152.00, **Rotation** CR

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

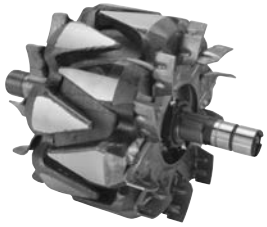


138855 Rotor

Replacing: NF099, 593274

Servicing: 2541711, 2541747, 2541760, 2541786, 2541842, 2541963, 2542202, 2542251, 2542262, 2542263, 2542267, 2542388, a14vi10

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 110.30, **Shaft dia.** 17.00, **Total length** 152.00



139447 Rotor

Replacing: 593285

Servicing: 2541834, 2541840, 2541841, 2542203, 2542228, 2542264, 2542312, 2542343, 2542351, 2542500, 2542531, 2542538, 2542556

14 **V**, 150 **Amp**, **Thread size** M16-1.50, **OD** 110.30, **Shaft dia.** 17.00, **Total length** 155.50, **Rotation** CR



230255 Rotor

Replacing: NF021, 592809, 592808, 2590724

Servicing: 2518044, 2518046, 2541297, A13V02, A13V05, A13V07, a13v2, a13v7

14 **V**, 70 **Amp**, **Thread size** M16-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 148.50, **Rotation** CR



230486 Rotor

Replacing: nc231, 092979

Servicing: 2181726, 2541328, 2541384, 2541466, 2541467, A13N10, A13N120, A13N136, A13N209, A13N226, A13N86, A13N87, A13N88, A13N89

14 **V**, 70 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 145.00, **Rotation** CR



231207# Rotor

Replacing: 300720, 092893

Servicing: A13R220, A13R231, A13R243, A13R263

14 **V**, 50 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 159.00, **Rotation** ACR



231294# Rotor

Replacing: NC230, 300737

Servicing: A14N51, A14N56

14 **V**, 90 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 171.50



231295# Rotor

Replacing: NF089, nc238, 592875, 592728, 300807

Servicing: 2104248, 2541189, 2541226, 2541258, 2541369, A14N106, A14N131, A14N139, A14N151, A14N156, A14N172, a14n173, A14N18

14 **V**, 90 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 147.00, **Rotation** CR



231296# Rotor

Replacing: NF022, nf020, 592782, 2590726, 2590691

Servicing: 2521682, 2541114, 2541115, 2541301, 2541372, A14V01, A14V04, A14V07, A14V13

14 **V**, 105 **Amp**, **Thread size** M16-1.50, **OD** 103.20, **Shaft dia.** 17.00, **Total length** 159.50, **Rotation** CR



231513 Rotor

Servicing: ab190058, HAB190140, ta000a14501

14 **V**, 90 **Amp**, **Thread size** M15-1.50, **OD** 99.50, **Shaft dia.** 15.00, **Total length** 140.00, **Rotation** CR

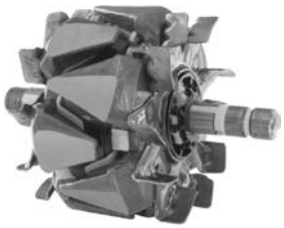


231883 Rotor

Replacing: nc720, nc708, 593263, 300873, 300740, 092964

Servicing: 2518039, 2541191, 2541663, A13N147, A13N147M, A13N148M, A13N149M, A13N186M, A13N1M, a13n259, A13N259M, A13N2M, A13N35M

14 **V**, 40 **Amp**, **Thread size** M17-1.50, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 156.00, **Rotation** CR



232766 Rotor

Replacing: 593572, 593570, 593568, 593566

Servicing: 2542232, 2542233, 2542234, 2542237, 2542272, 2542295, 2542298, 2542317, 2542319, 2542320, 2542324, 2542345, 2542377

14 **V**, 120 **Amp**, **Thread size** M16-1.50, **OD** 105.20, **Shaft dia.** 17.00, **Total length** 146.50, **Rotation** CR

Slip ring: HC-CARGO 230090.

Alternative no.: 232766Z

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.



234130 Rotor

Replacing: 593571

Servicing: 2542481, 2542483, 2542484, 2542485, 2542540, 2542543, 2542545, 2542671, 2542671A, 2542678, 2542689, 2542920, 2542921

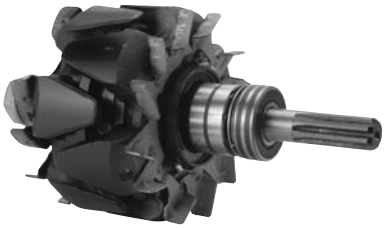
14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 91.40, **Shaft dia.** 17.00, **Total length** 143.50, **Rotation** CR



234290 Rotor

Servicing: ad165202, ad165320, ad165321, apr165aa, BM51267AR

14 **V**, 65 **Amp**, **Thread size** M17-1.50, **OD** 99.45, **Shaft dia.** 17.00, **Total length** 198.40, **Rotation** CR, **Splines** 19



234619 Rotor

Replacing: TA200C08102

Servicing: af111364, TA000A57301

14 **V**, 110 **Amp**, **Thread size** M17-1.50, **OD** 105.00, **Shaft dia.** 17.00, **Total length** 207.50, **Splines** 8

Nut set: HC-CARGO 132080.



234652# Rotor

Replacing: ta200c10901

Servicing: AB170094, ab180128, ta000a39101, TA001A33001

14 **V**, 80 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 140.00, **Rotation** CR



234981 Rotor

Replacing: 593577, 593576, 593574, 593359

Servicing: 2541970, 2542238, 2542240, 2542244, 2542257, 2542279, 2542281, 2542282, 2542286, 2542396, 2542399, 2542428, 2542486

14 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 95.00, **Shaft dia.** 17.00, **Total length** 143.00

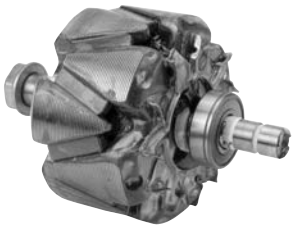


235366 Rotor

Replacing: 593569

Servicing: 2542494, 2542496, 2542497, 2542587, 2542739, 2542875, 2543237, 2543369, sg14b010, sg14b011, sg14b012, SG14B013

14 **V**, 140 **Amp**, **Thread size** M16-1.50, **OD** 105.30, **Shaft dia.** 17.00, **Total length** 148.50, **Rotation** CR

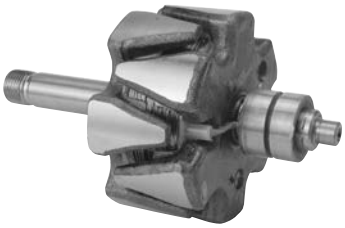


235560 Rotor

Replacing: 593681

Servicing: 2542524, 2542637, 2542751, 2542771, 2542819, 2543343, 2543344, 2543595, 2543595A, 2543596, 2543596A, 2543596B, sg15l012

14 **V**, 150 **Amp**, **Thread size** M16-1.50, **OD** 98.30, **Shaft dia.** 17.00, **Total length** 150.70, **Rotation** CR

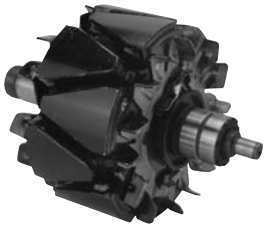


235770 Rotor

Replacing: nc264, 300885, 092985

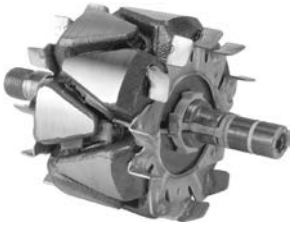
Servicing: a13n103, a13n104, a13n110, a13n113, a13n114, a13n12, a13n121, a13n150, a13n18, a13n20, a13n31, a13n85, a13n97

14 **V**, 60 **Amp**, **OD** 89.50, **Shaft dia.** 17.00, **Total length** 160.00



235776 Rotor

14 **V**, 70 **Amp**, **Thread size** M17-1.50, **OD** 94.50, **Shaft dia.** 17.00, **Total length** 137.50



236223 Rotor

Servicing: 2655103, 2655635, A0002655023

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 91.40, **Shaft dia.** 17.00, **Total length** 146.80, **Rotation** CR

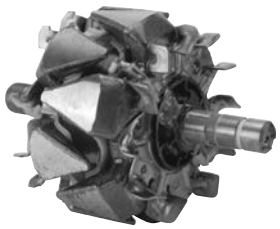


237326 Rotor

Replacing: 593811

Servicing: 2542670, 2542729, 2542851, 2542861, 2542884, 2543477, 2543479, 2543479A, 2606334, TG9C013, TG9S010, TG9S011, TG9S015

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 90.00, **Shaft dia.** 17.00, **Total length** 150.00, **Rotation** CR



239622 Rotor

Replacing: 593567

Servicing: 2542284, 2542284B, 2542284C, sg8b011, sg8b013, sg8b015, sg8b016, sg8b017, sg8b018, SG8B023, SG8B026, sg9b010, sg9b011

14 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 98.30, **Shaft dia.** 17.00, **Total length** 143.10, **Rotation** CR

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

28 Volt



133115# Rotor

Replacing: NC789, 182055

Servicing: 2541178, 2541329, 2541849, a14n104, a14n138, a14n160, a14n205

28 **V**, 75 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 167.50



133587 Rotor

Replacing: nc762, NC760, 592727, 300774, 182174

Servicing: 2181761, 2181762, 2181991, 2522104, 2541168, 2541199, 2541403, 2541624, 2541778, 2541828, 2541850, 2542359, 2542514

28 **V**, 55 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 164.50, **Rotation** CR



133969# Rotor

Replacing: nc764, 300738

Servicing: 2541147, A14N133, A14N135, A14N39

28 **V**, 60 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 159.50, **Rotation** CR



139694# Rotor

Replacing: nc751, 300681

Servicing: A14N114, a14n114t, a14n28t, A14N3, a14n32t, a14n3t

28 **V**, 60 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 156.00



230256 Rotor

Replacing: NF092, 593264

Servicing: 2541618, 2541635, 2541648, A14N182, A14N185, A14N190

28 **V**, 55 **Amp**, **Thread size** M17-1.50, **OD** 99.40, **Shaft dia.** 17.00, **Total length** 159.50



230722 Rotor

Replacing: 593275

Servicing: 2541873, 2541916, 2542415, 2542416, 2809249, a14vi19, a14vi20, HD90S010, HD90S011, HD90S016ZD

28 **V**, 90 **Amp**, **Thread size** M16-1.50, **OD** 110.50, **Shaft dia.** 17.00, **Total length** 151.50, **Rotation** CR



234623 Rotor

Servicing: 2542310, 2542471, sg12b020, sg12b045

28 **V**, 80 **Amp**, **Thread size** M16-1.50, **OD** 105.40, **Shaft dia.** 17.00, **Total length** 146.00, **Rotation** CR

Rotor Parts

Shafts



230101 Rotor Shaft

Thread size M17-1.50, **OD/ shaft** 17.00, **Total length** 198.00, **No./ splines** 19



239005# Rotor Shaft

Thread size M16-1.50, **OD/ shaft** 17.00, **Total length** 153.65

Slip Rings

Pkg. 10



130842 Slip Ring

Replacing: 949100

Servicing: 96014, A11M12, A11M4, A11M6, A13N33

ID 30.00, **OD** 15.00, **Total length** 21.40

Pkg. 5



131814 Slip Ring

Servicing: 2541127, 2541731, A11VI47, A13N113, A14N132, A14N67

ID 17.00, **OD** 30.00, **Total length** 28.00
Alternative no.: B131814

Pkg. 5



131815 Slip Ring

Servicing: 2541415, A11VI22

ID 15.00, **OD** 30.00, **Total length** 27.00
Alternative no.: B131815

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

Pkg. 10



132295 Slip Ring

Servicing: 15SI, 2541159, 2541469, 2542841, 2542850, 2543480, 2543480A, 2606333, A12M15, A12M16, A12M9, A12R22, A12R36, A12R38

ID 30.00, **OD** 17.00, **Total length** 28.00

Pkg. 5



134492 Slip Ring

Servicing: 2104248, 2181726, 2181727, 2181730, 2183106, 2518058, 2518085, 2518086, 2541116, 2541117, 2541118, 2541119, 2541120

ID 17.00, **OD** 30.00, **Total length** 29.00

Pkg. 10



135173 Slip Ring

Servicing: 2541801, A13VI114, A13VI178, A13VI202, A13VI237

ID 7.90/8.75, **OD** 14.90,
Total length 24.00
Quick repair: HC-CARGO 234489.

Pkg. 10



135179 Slip Ring

Replacing: 512006

Servicing: O.E. type: HC-CARGO 230090., 2541262, 2541307, 2541307C, 2541307D, 2541308, 2541310, 2541325, 2541339, 2541344, 2541348

ID 6.80/8.85, **OD** 14.90,
Total length 27.80

Pkg. 5



135298 Slip Ring

Servicing: 12449, 893633, A0B09601, AC155515, AC155616, AC155907, ar150aa, ar150ar, AR150BA, AR150CA, TA0B09601

ID 7.90, **OD** 24.00, **Total length** 18.50



137574 Slip Ring

Replacing: 2523992

Servicing: 2181693, 2181762, 2181991, 2518039, 2522104, 2541168, 2541191, 2541199, 2541476, 2541624, 2541663, 2541777, 2541778

ID 17.20, **OD** 29.00, **Total length** 37.50

Pkg. 10



138421 Slip Ring

Servicing: 2541299, 2541299A, 2541307, 2541307C, 2541307D, 2541308, 2541310, 2541311, 2541321, 2541325, 2541340, 2541348, 2541349

ID 6.60/8.40, **OD** 14.30,
Total length 27.80

Pkg. 5



230090 Slip Ring

Servicing: 2541298, 2541298A, 2541311, 2541321, 2541340, 2541361, 2541362, 2541410, 2541415, 2541457, 2541457B, 2541459, 2541600

ID 6.60/8.85, **OD** 14.90,
Total length 48.30

Pkg. 5



231368 Slip Ring

Servicing: 2541311, A13VI17, AD165202, AD165320, AD165321, AD225412, AF111225, AF111364, AF111390, AF111393, AF175207, AF175362

ID 17.50, **OD** 32.70, **Total length** 31.60

Pkg. 5



232295 Slip Ring

Servicing: ab180140, AB190058, AB190110, AB190111, AB190147, AB195126, AB195141, TA000A14501, TA000A33001, TA000A44301

ID 6.70, **OD** 14.20, **Total length** 47.50

Pkg. 5



233498 Slip Ring

Servicing: A12M11, A12M17, A12R1, A12R11, A12R4, A12R43, A12R5, A13R115, A13R152, A13R171, A13R221, A13R222

ID 17.00, **OD** 29.60, **Total length** 31.00

Pkg. 35



B131814 Slip Ring

ID 17.00, **OD** 30.00, **Total length** 28.00
Alternative no.: 131814

Pkg. 35



B131815 Slip Ring

ID 15.00, **OD** 30.00, **Total length** 27.00
Alternative no.: 131815

Pkg. 1000



B133365 Copper Ring

ID 30.00, **OD** 27.00, **Height** 8.40
For HC-CARGO 131814, 131815.
Alternative no.: 133365

Pkg. 150



B133366# Copper Ring

ID 30.00, **OD** 27.00, **Height** 10.00
For HC-CARGO 131814, 131815.
Alternative no.: 133366

Copper Rings

Pkg. 10



133365 Copper Ring

ID 26.60, **OD** 30.30, **Height** 8.35
Quick repair: HC-CARGO 131814, 131815.
Alternative no.: B133365

Pkg. 10



133366 Copper Ring

ID 26.50, **OD** 30.00, **Height** 10.30
Quick repair: HC-CARGO 131814, 131815.
Alternative no.: B133366

Pkg. 10



133610 Copper Ring

Servicing: 2541298, 2541298A, 2541307, 2541307C, 2541307D, 2541308, 2541310, 2541311, 2541321, 2541325, 2541340, 2541348, 2541349
ID 13.12, **OD** 15.80, **Height** 9.55
w/ 4 pins.

Pkg. 100



234489 Copper Ring

ID 13.00, **OD** 15.00, **Height** 9.40
Quick repair: HC-CARGO 131819, 135173, 135179, 230090.

Spacers

Pkg. 10



234709 Spacer

Servicing: 2541919, 2541959, 2541969, 2541970, 2541971, 2541980, 2541992, 2541995, 2542285, 2542286, 2542297, 2542342, 2542354
ID 17.20, **OD** 33.00, **Height** 8.25

Pkg. 10



234717 Spacer

Servicing: 2543208, 2543439, 2543551, 2655476, AB165104, AB170094, ab180128, ab180140, AB190119, AB195126, AB195141, AF111393
ID 17.50, **OD** 26.00, **Height** 6.80

Pkg. 5



235153 Spacer

Servicing: 2181693, 2181726, 2181727, 2181730, 2183106, 2518039, 2518058, 2541116, 2541117, 2541151, 2541159, 2541169, 2541173
ID 17.00/21.70, **OD** 27.86, **Height** 6.12

Washers

Pkg. 10



234710 Washer

Servicing: 2181693, 2181761, 2183106, 2518039, 2541124, 2541324, 2541403, 2541663, 2541713, 2541777, 2541778, 2541810, A13N10
ID 6.75, **OD** 15.30, **Thickness** 1.45, **Material** Plastic

Various

Pkg. 10



230432 Insulator

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#Available while stock last, * Program development.

Stators

14 Volt



131456 Stator

Replacing: nc118, 100958, 100930

Servicing: 2181727, 2181730, 2183106, 2518039, 2518058, 2541112, 2541120, 2541142, 2541169, 2541180, 2541181, 2541191, 2541235

14 **V**, 50 **Amp**, **ID** 90.00, **OD** 127.00, **OD 2** 120.00, **Height** 26.00, **Terminals** 3



131979 Stator

Replacing: nb902, 2523329

Servicing: 2541187, 2541221, 2541222, 2541233, 2541234, 2541254, 2541395, 2541396, 2541434, 2541435, 2541438, 2541439, 2541441

14 **V**, 65 **Amp**, **ID** 90.00, **OD** 127.00, **OD 2** 120.00, **Height** 25.00, **Terminals** 3



131980 Stator

Replacing: nb727, nb291, 592625, 2523325

Servicing: 2518051, 2518057, 2541130, 2541131, 2541148, 2541264, 2541290, 2541400, 2565994, 2565995, 2926300, 2927120, 2927550

14 **V**, 75 **Amp**, **ID** 89.00, **OD** 133.00, **OD 2** 127.00, **Height** 27.00, **Terminals** 3



131982[#] Stator

Replacing: nc119, nc117, 101868, 101025, 100273

Servicing: 2518054, 2518086, 2541127, 2541189, 2541202, 2541226, 2541230, 2541258, 2541327, 2541354, 2541369, 2541810, A14N1

14 **V**, 80 **Amp**, **ID** 100.00, **OD** 136.50, **OD 2** 129.00, **Height** 28.00, **Terminals** 3



132378 Stator

Replacing: NF103, nc262, nc123, 592729, 102885, 102778

Servicing: 2181726, 2541117, 2541151, 2541257, 2541328, 2541341, 2541384, 2541444, 2541464, 2541466, 2541467, 2541471, 2541695

14 **V**, 65 **Amp**, **ID** 90.00, **OD** 127.00, **OD 2** 120.00, **Height** 26.00, **Terminals** 3



133002 Stator

Replacing: NF028, 592827, 592826

Servicing: 2518044, 2518046, 2541116, 2541118, 2541122, 2541124, 2541156, 2541159, 2541160, 2541170, 2541171, 2541174, 2541182

14 **V**, 75 **Amp**, **ID** 90.00, **OD** 127.00, **OD 2** 120.00, **Height** 29.00, **Terminals** 3



135533 Stator

Replacing: NF030, 593334, 593160, 593154, 592832

Servicing: 2541262, 2541307, 2541307C, 2541307D, 2541311, 2541321, 2541325, 2541340, 2541348, 2541349, 2541359, 2541386, 2541393

14 **V**, 90/100 **Amp**, **ID** 96.00, **OD** 127.00, **OD 2** 120.00, **Height** 29.00, **Terminals** 6



135787 Stator

Replacing: 592833

Servicing: 2541299, 2541299A, 2541355, 2541356, 2541356A, 2541458, 2541677, 2541718, A11VI10, A11VI15, A11VI16, A11VI24, A11VI37

14 **V**, 50 **Amp**, **ID** 90.00, **OD** 116.00, **Height** 26.00, **Terminals** 6



135966 Stator

Replacing: 2518688

Servicing: 2518085, 2541197, a14n124, a14n140, a14n73, a14n75, a14n76, a14n95

14 **V**, 105 **Amp**, **ID** 99.50, **OD** 142.00, **OD 2** 136.00, **Height** 25.00, **Terminals** 7



136226 Stator

Replacing: NF027, 592823, 592699

Servicing: 2521682, 2541114, 2541115, 2541301, 2541305, a14v01, a14v02, a14v03, a14v04, a14v05, a14v13, A14V13M

14 **V**, 105 **Amp**, **ID** 104.00, **OD** 142.00, **Height** 28.00, **Terminals** 3



136612 Stator

Replacing: ta100b10601

Servicing: AF175207, AF175362, AF175363, AF175385, TA000A57401

14 **V**, 75 **Amp**, **ID** 106.20, **OD** 136.00, **OD 2** 132.00, **Height** 22.00, **Terminals** 4



137581 Stator

Replacing: NF108, 593158

Servicing: 2541665, 2541665B, 2541665C, 2541758, 2541758B, 2541784, 2541784B, 2541862, 2541863, 2541951, 2541971, 2542254, 2542256

14 **V**, 95 **Amp**, **ID** 99.00, **OD** 128.00, **OD 2** 121.00, **Height** 29.00, **Terminals** 6

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[#]Available while stock last, * Program development.

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138302 Stator

Replacing: 593355, 593161

Servicing: 2541609, 2541809, 2541809A, 2541861, 2541879, 2541941, 2541962, 2541976, 2541977, 2542265, 2542302, 2542315, 2542316

14 **V**, 130 **Amp**, **ID** 99.50, **OD** 128.00, **OD 2** 121.00, **Height** 29.00, **Terminals** 6



139448 Stator

Replacing: NF110, 593159

Servicing: 2541711, 2541747, 2541760, 2541786, 2541842, 2541963, 2542202, 2542251, 2542262, 2542263, 2542267, 2542388, a14vi10

14 **V**, 120 **Amp**, **ID** 111.00, **OD** 142.00, **OD 2** 136.00, **Height** 30.00, **Terminals** 3



139449 Stator

Replacing: NF133, 593344, 593286

Servicing: 2541834, 2541840, 2541841, 2542201, 2542203, 2542228, 2542264, 2542312, 2542343, 2542351, 2542402, 2542472, 2542500

14 **V**, 150 **Amp**, **ID** 111.00, **OD** 142.00, **OD 2** 136.00, **Height** 30.00, **Terminals** 6



230272 Stator

Replacing: NF029, 592831

Servicing: 2541308, 2541310, 2541339, 2541344, 2541350, 2541360, 2541412, 2541447, 2541447A, 2541455, 2541461, 2541475, 2541494

14 **V**, 80 **Amp**, **ID** 96.00, **OD** 127.00, **OD 2** 120.00, **Height** 29.00, **Terminals** 2



231512 Stator

Replacing: TA100C07601, 231512

Servicing: ab190058, AB190147, HAB190140, ta000a14501

14 **V**, 90 **Amp**, **ID** 100.00, **OD** 129.00, **OD 2** 126.00, **Height** 21.20, **Terminals** 4



233699 Stator

Replacing: NF105, nc945, nc236, 592830, 518630, 106027

Servicing: 2541119, 2541121, 2541173, 2541245, 2541313, 2541364, 2541368, 2541424, 2541445, 2541490, 2541859, A13N133, A13N159

14 **V**, 70 **Amp**, **ID** 90.00, **OD** 127.00, **OD 2** 120.00, **Height** 29.00



233713 Stator

Replacing: 593847, 593584, 593581, 593580

Servicing: 2542232, 2542233, 2542234, 2542237, 2542272, 2542295, 2542298, 2542317, 2542319, 2542320, 2542324, 2542345, 2542377

14 **V**, 120 **Amp**, **ID** 106.00, **OD** 135.00, **Height** 30.00, **Terminals** 3



233957 Stator

Replacing: 593358

Servicing: 2541970, 2542286, 2542396, 2542399, A13VI203, A13VI236, A13VI276, A13VI278

14 **V**, 80 **Amp**, **ID** 96.00, **OD** 127.00, **OD 2** 120.00, **Height** 25.00, **Terminals** 6



234345 Stator

Replacing: 593583

Servicing: 2542270, 2542271, 2542411, 2542466, 2542473, 2542614, 2542646, 2542715, sg10b010, sg10b011, sg10b016, sg10b019

14 **V**, 120 **Amp**, **ID** 99.00, **OD** 128.00, **OD 2** 120.00, **Height** 30.00, **Terminals** 6



234618 Stator

Replacing: ta100b09701

Servicing: AF111225, AF111364, AF111382, AF111390, AF111393, TA000A48201, TA000A56901, TA000A57301, TA000A61201, TA000A62401

14 **V**, 110 **Amp**, **ID** 106.00, **OD** 137.00, **OD 2** 133.00, **Height** 26.00, **Terminals** 4



234651 Stator

Replacing: TA100C07501

Servicing: ab180128, ta000a39101, TA001A33001

14 **V**, 75 **Amp**, **ID** 100.00, **OD** 130.00, **OD 2** 126.00, **Height** 21.00, **Terminals** 3



234823 Stator

Servicing: ab195126, AB195141, TA000A44301

14 **V**, 90 **Amp**, **ID** 106.00, **OD** 136.00, **OD 2** 133.00, **Height** 21.00, **Terminals** 4

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Available while stock last, * Program development.



234824 Stator

Servicing: ab170035, ab170094, TA000A28801

14 **V**, 70 **Amp**, **ID** 100.00, **OD** 130.00, **OD 2** 126.00, **Height** 21.00, **Terminals** 3



234978 Stator

Replacing: 593586

Servicing: 2542489, 2542490, 2542491, 2543210, 2650135, sg10b018, sg10b021, sg10b022, sg10b023, SG10B048

14 **V**, 90 **Amp**, **ID** 98.50, **OD** 127.00, **OD 2** 120.00, **Height** 29.50, **Terminals** 3



235089 Stator

Replacing: 593588

Servicing: 2542556, 2542557, 2542564, 2542565, 2542681, 2542684, 2542725, 2542726, 2542839, 2542849, sg15s016, sg15s017, sg15s018

14 **V**, 150 **Amp**, **ID** 111.00, **OD** 143.00, **OD 2** 136.00, **Height** 30.00, **Terminals** 3



235224 Stator

Replacing: 593590, 593587

Servicing: 2542342, 2542481, 2542483, 2542484, 2542485, 2542540, 2542543, 2542545, 2542678, 2542689, 2542920, 2542921, 2542926

14 **V**, 75 **Amp**, **ID** 92.50, **OD** 119.00, **Height** 30.00, **Terminals** 3



235242 Stator

Replacing: 593585, 593579

Servicing: 2542225, 2542227, 2542239, 2542241, 2542245, 2542258, 2542259, 2542260, 2542280, 2542284, 2542284B, 2542284C, 2542323

14 **V**, 150 **Amp**, **ID** 99.05, **OD** 127.00, **OD 2** 120.00, **Height** 24.20, **Terminals** 6



235243 Stator

Replacing: 593582

Servicing: 2542238, 2542240, 2542244, 2542257, 2542279, 2542281, 2542282, 2542428, 2542486, 2542487, 2542577, 2542608, 2542747

14 **V**, 80 **Amp**, **ID** 96.00, **OD** 128.00, **Height** 24.60, **Terminals** 6



235264 Stator

Replacing: 101520

Servicing: 2104248, 2181699, 2541204, 2541225, 2541324, A14N101, A14N106, a14n111, A14N13, A14N134, A14N144, A14N150, A14N163

14 **V**, 80 **Amp**, **ID** 100.00, **OD** 136.00, **OD 2** 128.50, **Height** 27.50, **Terminals** 3



235338 Stator

Servicing: 2542672, 2542679, 2542685, 2542687, 2542693, 2542695, 2542697, 2542704, 2542705, 2542769, 2542772, 2542832, 2542852

14 **V**, 150 **Amp**, **ID** 106.00, **OD** 135.00, **Height** 33.50, **Terminals** 3



235568 Stator w/ D.E. Bracket Assy

Replacing: 593665

Servicing: 2542663, 2542664, 2542818, 2542855, 2542945, 2543207, 2543342, 2543552, 2543552A, 2543560, 2543561, 2543561A, 2543562

14 **V**, 110 **Amp**

Bearing: HC-CARGO 141233.



235569 Stator

Replacing: 593591

Servicing: 2542494, 2542496, 2542497, 2542587, 2542739, 2542753, 2542875, 2543237, 2543369, sg14b010, sg14b011, sg14b012, SG14B013

14 **V**, 140 **Amp**, **ID** 106.00, **OD** 135.00, **Height** 30.00, **Terminals** 3



235777 Stator

Servicing: 2542663, 2542664, 2542696, 2542731, 2542818, 2542855, 2542945, 2543206, 2543207, 2543208, 2543291, 2543342, 2543439

14 **V**, 110 **Amp**, **ID** 99.00, **OD** 127.50, **Height** 29.50, **Terminals** 3



236099 Stator

Servicing: 2542736, 2542736A, 2655103, A0002655023, A0002655103, TG9C013

14 **V**, 90 **Amp**, **ID** 92.00, **OD** 118.00, **Height** 31.60, **Terminals** 3

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#Available while stock last, * Program development.

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236395 Stator

Replacing: 593821

Servicing: 2542694A, tg8c011

14 **V**, 80 **Amp**, **ID** 92.00, **OD** 119.00, **Height** 30.00, **Terminals** 3

NEW PRODUCT
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237152 Stator

Servicing: 2655517, A0002655517, TA000A55601

14 **V**, 70 **Amp**, **ID** 92.00, **OD** 118.30, **Terminals** 3



237327 Stator

Replacing: 593864

Servicing: 2542670, 2542851, 2542861, 2542884, 2543477, 2606334, TG9S010, TG9S015, TG9S016, TG9S021, TG9S022, TG9S036

14 **V**, 90 **Amp**, **ID** 92.00, **OD** 119.20, **Height** 32.00, **Terminals** 3



238282 Stator

Replacing: 593952

Servicing: 2542880, 2542922, 2542923, 2542938, 2542955, 2543215, 2543509, 2543521, 2543522, 2543523, 2543576, 2607210, 2607214

14 **V**, 80 **Amp**, **ID** 99.00, **OD** 127.70, **Height** 24.25, **Terminals** 3



238753 Stator

Servicing: 2542928, 2543524, TG10B013, TG10B024

14 **V**, 90 **Amp**, **ID** 98.35, **OD** 127.60, **Height** 29.29, **Terminals** 3



239514 Stator

Replacing: NF109, NF032, 593279, 592834

Servicing: 2541298, 2541298A, 2541361, 2541362, 2541410, 2541415, 2541457, 2541457B, 2541459, 2541600, 2541602, 2541602A, 2541602F

14 **V**, 70 **Amp**, **ID** 89.49, **OD** 115.93, **Height** 29.48, **Terminals** 6

NEW PRODUCT
www.hc-cargo.com

239787* Stator

Replacing: 595248

Servicing: 2543205, 2543205A, 2543378, 2543384, 2543385, 2543387, 2543441, 2543558, 2543559, 2543559A, SG12B092, SG12B105

14 **V**, 120 **Amp**, **ID** 105.50, **OD** 135.11, **Height** 30.32, **Terminals** 3

NEW PRODUCT
www.hc-cargo.com

330317* Stator

Replacing: 595236

14 **V**, 150 **Amp**, **ID** 105.00, **OD** 136.80, **Height** 32.82, **Terminals** 3



330389 Stator

Servicing: 2543370, 2543370a, 2543426a, 2605106, 2605290, tg12c021, tg12c033, tg12c037, tg12c059

14 **V**, 120 **Amp**, **ID** 99.00, **OD** 131.00, **Height** 31.00, **Terminals** 3

NEW PRODUCT
www.hc-cargo.com

333370* Stator

Replacing: 595311

Servicing: FG18S013, FG18S014, FG18S016, fg18s017, fg18s019, fg18s022, fg18s023

14 **V**

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28 Volt



131052 Stator

Replacing: NC385, nc376, 593277, 102589, 101518, 100156

Servicing: 2181761, 2181762, 2181991, 2522104, 2541147, 2541168, 2541199, 2541403, 2541618, 2541624, 2541635, 2541648, 2541778

28 **V**, 55 **Amp**, **ID** 100.00, **OD** 136.00, **OD 2** 129.00, **Height** 28.00, **Terminals** 3



133144# Stator

Replacing: 518689, 181298

Servicing: 2541178, 2541329, 2541849, a14n104, a14n138, a14n160, a14n205

28 **V**, 73 **Amp**, **ID** 100.00, **OD** 142.00, **OD 2** 136.00, **Height** 25.00, **Terminals** 7

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.



135665 Stator

Replacing: 103646, 101339

Servicing: 2181693, 2541777, A13N140, a13n140t, a13n190, a13n229t, a13n22t, a13n257, a13n270, a13n272, a13n282, A13N283, a13n283m

28 **V**, 40 **Amp**, **ID** 90.00, **OD** 127.00, **OD 2** 120.00, **Height** 25.50, **Terminals** 3



234666[#] Stator

Servicing: 2542310, 2542471, sg12b020, sg12b045

28 **V**, 80 **Amp**, **ID** 106.00, **OD** 135.50, **OD 2** 128.50, **Height** 30.00, **Terminals** 3



234674 Stator

Replacing: 593281

Servicing: 2541873, 2541916, 2542415, 2542416, 2542433, 2542479, 2542493, 2542813, 2542814, 2542815, 2809249, 2809253, 549277

28 **V**, 90 **Amp**, **ID** 111.00, **OD** 143.00, **OD 2** 136.50, **Height** 30.00, **Terminals** 3

Stator Parts

Various

Pkg. 10



233987 Stator Clamp

Servicing: 2541262, 2541298, 2541298A, 2541299, 2541299A, 2541307, 2541307C, 2541307D, 2541308, 2541310, 2541311, 2541321, 2541325

ID 5.50, **Length** 12.20
Alternative no.: B233987

Pkg. 500



B233987 Stator Clamp

Replacing: B233987

ID 5.50, **Length** 12.20
Alternative no.: 233987

Brackets

D.E. Brackets



135566 D.E. Bracket

Servicing: ar150aa, AR150BA, AR150CA, AR150CC

Bearing: HC-CARGO 142269.



138034 D.E. Bracket

Servicing: 2541434, 2940304, 2940305, 2940311, 2940375, a13e06, a13e13, A13E45

Bearing: HC-CARGO 142269.



138488 D.E. Bracket

Servicing: ab175054, ab175068

Bearing: HC-CARGO 140420.



138491[#] D.E. Bracket

Servicing: ab160044, ab160063, ab175052, AB175359

Bearing: HC-CARGO 142270.



138493 D.E. Bracket

Servicing: ab175020, AB190119, ta000a34801

Bearing: HC-CARGO 140420.



138588 D.E. Bracket

Replacing: 105627

Servicing: 2541142, 2541171, 2541180, 2541181, 2541188, 2541193, 2541365, 2541366, 2541367, 2541368, 2541489, 2541672, A13N151

Bearing: HC-CARGO 142269.



138589 D.E. Bracket

Replacing: 183026, 105899, 097489

Servicing: 2181726, 2181730, 2541119, 2541121, 2541122, 2541124, 2541156, 2541159, 2541160, 2541174, 2541245, 2541313, 2541328

Bearing: HC-CARGO 142269.

All measurements are in mm, unless else stated.
[#]Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



138590 D.E. Bracket

Replacing: 097626

Servicing: a13n293, a13n38, a13n43, a13n6

Bearing: HC-CARGO 142269.



230213 D.E. Bracket

Replacing: 106194, 105864

Servicing: 2541178, 2541197, 2541329, 2541849, A14N104, A14N138, A14N140, A14N160, A14N205, A14N73, A14N75

Bearing: HC-CARGO 142270.



230947 D.E. Bracket

Servicing: 2541299, 2541299A, 2541677, 2541718, A11VI10, a11vi37, a11vi42

Bearing: HC-CARGO 142270.



231539 D.E. Bracket

Replacing: 104297

Servicing: 2181991, 2522104, 2541199, 2541828, 2541850, a14n100, a14n100m, A14N112M, a14n118m, A14N119, a14n119m, A14N141M

Bearing: HC-CARGO 140401.



231542 D.E. Bracket

Servicing: 2541311, 2541344, 2541386, 2541608, 2541625, 2541643, 2541790, 2541954, A11VI163, A11VI195, a13vi106, a13vi163, a13vi17

Bearing: HC-CARGO 142270.



231836 D.E. Bracket

Servicing: 2541262, 2541307, 2541307C, 2541307D, 2541325, 2541339, 2541340, 2541359, 2541443, 2541448, 2541641, 2541678, 2541678B

Bearing: HC-CARGO 142270.



231935# D.E. Bracket

Servicing: 2541298, 2541298A, 2541684, 2541719, 2541720, 2541763, 2541764, 2542287, A11VI101, A11VI11, A11VI38, a11vi43, a11vi44

Bearing: HC-CARGO 142270.



231942 D.E. Bracket

Servicing: 2541725, a11vi45

Bearing: HC-CARGO 142270.



231943# D.E. Bracket

Servicing: 2541447, 2541447A, 2541724, a13vi46, A13VI83

Bearing: HC-CARGO 142270.



232205 D.E. Bracket

Replacing: 102519

Servicing: 2181761, 2541204, 2541324, 2541403, 2541778, 2541810, a13n176, a14n115m, a14n12, a14n144, a14n163, A14N176, a14n177m

Bearing: HC-CARGO 142270.



232207 D.E. Bracket

Replacing: 100955

Servicing: 2518039, 2541191, 2541663, A13N147, a13n147m, a13n148m, a13n149m, a13n186m, A13N1M, a13n234, A13N259, A13N259M, a13n2m

Bearing: HC-CARGO 142270.



232425 D.E. Bracket

Servicing: 2541350, 2541360, 2541455, 2541461, 2541475, 2541738, 2541738B, 2541740, 2541740B, 2541741, 2541741B, A13VI26, A13VI31

Bearing: HC-CARGO 142270.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



232446# D.E. Bracket

Servicing: 2541961, 2541962, 2542515, 2542516, a13vi190, A13VI200, A13VI286, A13VI287

Bearing: HC-CARGO 142270.



233127 D.E. Bracket

Servicing: 2541873, 2541916, 2542415, 2542416, a14vi19, a14vi20, hd90s010, hd90s011

Bearing: HC-CARGO 140263.



233131 D.E. Bracket

Servicing: 2542433, 2542479, 2542813, 2542814, 2809249, 549277, hd90s013, HD90S013ZD, hd90s014, HD90S014ZD, HD90S016ZD, HD90S017ZD

Bearing: HC-CARGO 140957.



233322# D.E. Bracket

Servicing: 2542255, 2542355, 2542357, 2542358, 2542376, A13VI232, a13vi260, a13vi261, a13vi262, A13VI274

Bearing: HC-CARGO 142270.



233463# D.E. Bracket

Servicing: 2541680, 2541775, 2541775A, 2541775B, 2541776, 2541838, 2541838A, 2541839, 2541839A, 2541911, 2541920, 2541960

Bearing: HC-CARGO 140263.



233464# D.E. Bracket

Servicing: 2541494, 2541835, 2541912, 2541941, a13vi132, a13vi160, A13VI180, a13vi54

Bearing: HC-CARGO 142270.



233781 D.E. Bracket

Servicing: 2541712, 2541714, a13n125, a13n180, A13N19, a13n274, a13n276, A13N91

Bearing: HC-CARGO 142269.



233784 D.E. Bracket

Servicing: a13vi35, af111364

Bearing: HC-CARGO 140754.



233800 D.E. Bracket

Servicing: 2541308, 2541310, 2541349, 2541393, 2541393E, 2541394, a13vi11, a13vi13, a13vi14, A13VI16, a13vi25, a13vi28, A13VI34

Bearing: HC-CARGO 142270.



233803 D.E. Bracket

Servicing: 2541457, 2541457B, 2541710, 2541710B, 2541731, 2541732, 2541733, 2541765, 2541765A, 2541854, a11vi15, a11vi16, a11vi23

Bearing: HC-CARGO 142270.



233806 D.E. Bracket

Servicing: 2542228, 2542351, 2542472, a14vi27, a14vi35, a14vi40

Bearing: HC-CARGO 140263.



233807 D.E. Bracket

Replacing: 593652

Servicing: 2542310, 2542441, 2542471, sg12b020, sg12b040, sg12b045

Bearing: HC-CARGO 140263.



233958 D.E. Bracket

Replacing: 100675

Servicing: 2181693, 2541777, A13N140, A13N140T, a13n229t, a13n22t, A13N283, A13N283M, A13N4T, A13N56M, A13N5T

Bearing: HC-CARGO 142270.



233963 D.E. Bracket

Servicing: 2541726, 2541863, 2542375, a13vi142, a13vi273, a13vi276, a13vi84

Bearing: HC-CARGO 142270.



234179# D.E. Bracket

Servicing: 2541767, 2541767A, 2541862, 2542307, 2542344, 2542400, 2542525, a13vi141, A13VI146, A13VI183, a13vi246, a13vi256

Bearing: HC-CARGO 142270.



234180 D.E. Bracket

Servicing: 2541922, 2541968, 2541992, 2542291, 2542347, a13vi178, a13vi202, a13vi237, A13VI257

Bearing: HC-CARGO 142270.



234183 D.E. Bracket

Servicing: 2541963, 2542251, 2542264, 2542343, 2542538, 2542602, 2542605, 2542662, 2542686, a14vi22, a14vi28, a14vi29, A14VI34

Bearing: HC-CARGO 140263.



234224 D.E. Bracket

Servicing: 2541969, 2542285, 2542394, 2542427, 2607208, a11vi106, a11vi109, a11vi91, a11vi99, TG7S014

Bearing: HC-CARGO 142270.



234279 D.E. Bracket

Servicing: 2541485, 2541610, 2541610G, 2541642, 2541642G, 2541887, 2541899, 2541903, 2541905, 2541906, 2541976, 2541981, 2541982

Bearing: HC-CARGO 142270.



234280 D.E. Bracket

Servicing: 2541321, 2541694, 2541694D, 2541770, 2541884, a13vi150, A13VI18, a13vi76, a13vi97

Bearing: HC-CARGO 142270.



234433# D.E. Bracket

Servicing: 2541617, 2541617A, 2541617B, 2541811, 2541811A, 2541861, 2542265, a13vi119, a13vi140, a13vi160, a13vi234, a13vi60

Bearing: HC-CARGO 142270.



234567 D.E. Bracket

Servicing: ab190058, TA000A14501

Bearing: HC-CARGO 142270. Bearing plate: HC-CARGO 233912.



234606 D.E. Bracket

Servicing: 2541971, 2542297, 2542397, 2542429, a13vi204, a13vi242, A13VI277, A13VI283

Bearing: HC-CARGO 142270.



234659 D.E. Bracket

Replacing: 583516, 2220306

Bearing: HC-CARGO 142318.

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#Available while stock last, * Program development.



234894 D.E. Bracket

Replacing: 593632

Servicing: 2542272, 2542393, 2542470, 2542523, 2542554, 2542573, 2542640, 2542653, 2542722, 2542817, 2542946, 2543205, 2543205A

Bearing: HC-CARGO 142270.



234979 D.E. Bracket

Replacing: 593651

Servicing: 2542489, 2542490, 2542491, sg10b021, sg10b022, sg10b023

Bearing: HC-CARGO 142270.



234990 D.E. Bracket

Servicing: 2541928, 2541953, 2541978, 2542231, a11vi81, a11vi88, a11vi92, a11vi97

Bearing: HC-CARGO 142270.



235011# D.E. Bracket

Servicing: 2541970, 2542286, 2542396, 2543215, a13vi203, a13vi236, a13vi276, TG9B028

Bearing: HC-CARGO 142270.



235015 D.E. Bracket

Servicing: 2542483, 2542484, 2542485, 2542678, 2542920, 2542921, 2543520, 2607209, 2607209A, sg7s010, sg7s014, sg7s015, sg7s016

Bearing: HC-CARGO 142270.



235031# D.E. Bracket

Servicing: 2541965, 2542305, 2542398, a11vi102, a11vi108, a11vi89

Bearing: HC-CARGO 142270.



235132 D.E. Bracket

Servicing: 2541711, 2541747, 2542262, 2542263, 2542267, 2542388, a14vi10, a14vi11, A14VI130, a14vi30, a14vi31, a14vi37

Bearing: HC-CARGO 140263.



235181 D.E. Bracket

Replacing: 593627

Servicing: 2542232, 2542233, 2542295, 2542324, 2542497, 2542546, 2542587, 2542680, 2574347, sg12b010, sg12b011, sg12b016, sg12b018

Bearing: HC-CARGO 142270.



235236# D.E. Bracket

Servicing: 2541788, 2541788E, 2541789, 2541938, 2541942, 2541985, 2542368, a13vi104, A13VI105, a13vi184, a13vi185, a13vi213

Bearing: HC-CARGO 142270.



235251 D.E. Bracket

Replacing: 593630

Servicing: 2542234, 2542237, 2542461, 2542461A, 2542496, 2542508, 2542949, 593630, sg12b012, sg12b015, sg12b042, sg12b049

Bearing: HC-CARGO 141233.



235342# D.E. Bracket

Servicing: 2541697, 2541697B, a13vi78

Bearing: HC-CARGO 142270.



235395# D.E. Bracket

Servicing: 2542223, 2542252, 2542464, 2542480, a11vi110, a11vi111, a11vi67, a11vi96, a11vi98

Bearing: HC-CARGO 142270.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



235407 D.E. Bracket

Servicing: 2541792, 2541882, 2541883, 2541908, 2541945, a11vi59, a11vi76, a11vi77, a11vi79, a11vi86

Bearing: HC-CARGO 142270.



235462 D.E. Bracket

Servicing: 2541416, 2541416F, 2542294, 2941814, A13VI123, a13vi23, a13vi241, a13vi40

Bearing: HC-CARGO 142270.



235559 D.E. Bracket

Replacing: 593644

Servicing: 2542239, 2542240, 2542241, 2542244, 2542245, 2542257, 2542260, 2542281, 2542282, 2542507, 2542577, 2542578, 2542650

Bearing: HC-CARGO 142270.



235570 D.E. Bracket

Servicing: af175207, AF175362, AF175385, af190216, AF190217

Bearing: HC-CARGO 142270.



236249[#] D.E. Bracket

Servicing: 2541438, 2940307, 2940309, 2940371, a13e09, a13e43, a13e58

Bearing: HC-CARGO 142269.



236544[#] D.E. Bracket

Servicing: 2542696, 2542731, 2543291, TG11C048

Bearing: HC-CARGO 142270. Bearing plate: HC-CARGO 231557.



238684 D.E. Bracket

Replacing: 593633

Servicing: 2542270, 2542466, sg10b010, sg10b019

Bearing: HC-CARGO 142270.

Stator w/ D.E. Bracket Assy



235568 Stator w/ D.E. Bracket Assy

Replacing: 593665

Servicing: 2542663, 2542664, 2542818, 2542855, 2542945, 2543207, 2543342, 2543552, 2543552A, 2543560, 2543561, 2543561A, 2543562

14 **V**, 110 **Amp**

Bearing: HC-CARGO 141233.

S.R.E. Brackets



138489 S.R.E. Bracket

Servicing: ab175054

ID/ bearing hole 23.00



138490[#] S.R.E. Bracket

Servicing: ab175052, AB175359

ID/ bearing hole 23.00



138492[#] S.R.E. Bracket

Servicing: ab175053

ID/ bearing hole 23.00



139035 S.R.E. Bracket

Servicing: 2541222, 2541435, 2541441, 2541442, 2940300, 2940301, 2940303, 2940304, 2940305, 2940306, 2940311, 2940363, 2940367

ID/ bearing hole 37.00



230989 S.R.E. Bracket

Replacing: 2590018, 103476, 102333, 101523, 101512

Servicing: a14n28t, A14N3, A14N3T

ID/ bearing hole 34.20

O.E.M. names and numbers are used for reference purposes only.

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[#]Available while stock last, ***** Program development.



231098 S.R.E. Bracket w/ Rectifier

Replacing: 593415

Servicing: 2542237, 2542461, 2542461A, SG12B015, SG12B042

ID/ bearing hole 37.00



231099 S.R.E. Bracket w/ Rectifier

Replacing: 593414

Servicing: 2542240, 2542241, 2542244, 2542245, 2542767, 2542948, 2543320, SG8B011, SG8B013, SG8B027, SG9B013, SG9B015, SG9B049

ID/ bearing hole 35.00



231101 S.R.E. Bracket w/ Rectifier

Replacing: 593548, 593397

Servicing: 2542270, 2542466, 2542639, 2543341, 2543555, SG10B010, SG10B019, SG9B053, SG9B089, SG9B108

ID/ bearing hole 32.00



231433# S.R.E. Bracket

Servicing: 2541604, 2541792, 2541953, 2541978, 2542231, a11vi30, A11VI59, A11VI88, A11VI92, A11VI97

ID/ bearing hole 34.50



231434 S.R.E. Bracket

Servicing: 2541325, 2541340, 2541625, 2541641, 2541643, 2541788, 2541788E, 2541789, 2541808, 2541813, 2541858, 2541875, 2541887

ID/ bearing hole 37.50



231541 S.R.E. Bracket

Servicing: 2541355, 2541356, 2541356A, 2541457, 2541457B, 2541459, 2541735, A11VI15, A11VI16, A11VI23, a11vi25, A11VI32, a11vi51

ID/ bearing hole 37.50



231544 S.R.E. Bracket

Servicing: 2541678, 2541678B, 2541678C, 2541679, 2541679C, 2541790, 2541791, 2541914, 2541954, 2541977, 2541988, 2541999, 2542224

ID/ bearing hole 37.50



231832 S.R.E. Bracket

Servicing: 2541725, 2541731, 2541732, 2541733, 2541765, 2541765A, A11VI45, a11vi47, A11VI48, A11VI49, A11VI57, a13vi132

ID/ bearing hole 37.50



231842 S.R.E. Bracket

Servicing: 2541835, a13vi132

ID/ bearing hole 37.00



231903 S.R.E. Bracket

Servicing: 2541494, a13vi54

ID/ bearing hole 34.30



231937 S.R.E. Bracket

Servicing: 2541321, 2541694, 2541694D, 2541767, 2541767A, 2541770, 2541848, 2541862, 2541884, 2542307, 2542344, 2542400, 2542525

ID/ bearing hole 37.00



232206 S.R.E. Bracket

Servicing: 2541726, 2541738, 2541738B, 2541740, 2541740B, 2541741, 2541741B, 2541863, 2542375, A13VI142, A13VI273, A13VI84

ID/ bearing hole 37.50



232422 S.R.E. Bracket

Servicing: 2541412, 2541417, 2541417K, 2541420, 2541815, 2541815A, 2541815B, A13VI124, A13VI125, A13VI39, A13VI41, A13VI44

ID/ bearing hole 34.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



232424 S.R.E. Bracket

Servicing: ab175020

ID/ bearing hole 23.00



232447 S.R.E. Bracket

Servicing: 2541758, 2541758B, 2541759, 2541784, 2541784B, 2541785, 2541922, 2541968, 2542253, 2542254, 2542255, 2542256, 2542291

ID/ bearing hole 37.50



233319# S.R.E. Bracket

Servicing: 2541321, 2541447, 2541447A, 2541724, a13vi18, A13VI46, A13VI83

ID/ bearing hole 34.50



233399 S.R.E. Bracket

Servicing: 2541873, 2541916, 2542415, 2542416, 2542433, 2542479, 2542813, 2542814, 2809249, 549277, a14vi19, a14vi20, HD90S010

ID/ bearing hole 37.50



233520 S.R.E. Bracket

Servicing: ad165202, ad165320, AD165321, BM51267AR

ID/ bearing hole 35.00



233615 S.R.E. Bracket w/ Rectifier

Replacing: 593830, 593385

Servicing: 2542272, 2542393, 2542470, 2542523, 2542526, 2542554, 2542573, 2542640, 2542653, 2542722, 2542742, 2542817, 2542946

ID/ bearing hole 35.00



233752# S.R.E. Bracket

Servicing: 2542310, 2542471, sg12b020, sg12b045

ID/ bearing hole 37.50



233783 S.R.E. Bracket

Servicing: af111364

ID/ bearing hole 31.00



233799 S.R.E. Bracket

Servicing: 2541262, 2541307, 2541307C, 2541307D, 2541308, 2541339, 2541359, 2541394, 2541485, 2541610, 2541610G, a13vi11, a13vi13

ID/ bearing hole 34.43



233805# S.R.E. Bracket

Servicing: 2542228, 2542351, 2542472, a14vi27, a14vi35, a14vi40

ID/ bearing hole 37.50



233908# S.R.E. Bracket

Servicing: 2541760, 2541786, a14vi13, a14vi14

ID/ bearing hole 37.50



234173# S.R.E. Bracket

Servicing: 2542880, ab175020, ab190025, ab190072, AB190119, SG9B077

ID/ bearing hole 23.00

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.



234177 S.R.E. Bracket

Servicing: 2541963, 2542251, a14vi22, a14vi28

ID/ bearing hole 37.50



234222 S.R.E. Bracket

Servicing: 2541969, 2542285, 2542394, 2542427, 2607208, a11vi106, a11vi109, a11vi91, a11vi99, TG7S014

ID/ bearing hole 37.50



234432 S.R.E. Bracket

Servicing: 2541912, 2542265, a13vi160, a13vi234

ID/ bearing hole 37.50



234494 S.R.E. Bracket

Replacing: ta431a15701

Servicing: TA000A57301

ID/ bearing hole 35.00



234496 S.R.E. Bracket

Replacing: TA400B18101

Servicing: ab180128, ta000a39101, TA001A33001

ID/ bearing hole 35.00



234561 S.R.E. Bracket

Servicing: ab190058, TA000A14501

ID/ bearing hole 35.00



234563 S.R.E. Bracket

Servicing: 2542441, sg12b040

ID/ bearing hole 37.50



234564 S.R.E. Bracket

Servicing: 2542264, 2542343, 2542538, 2542602, 2542605, 2542662, 2542686, a14vi29, A14VI34, A14VI45, a14vi46, A14VI47, A14VI52

ID/ bearing hole 37.50



234607 S.R.E. Bracket

Servicing: 2541971, 2542297, 2542397, 2542429, a13vi204, a13vi242, A13VI277, A13VI283

ID/ bearing hole 37.50



234634[#] S.R.E. Bracket

Servicing: 2541197, 2541849, a14n140, a14n205



234703 S.R.E. Bracket

Servicing: 2541711, 2541747, 2542262, 2542263, 2542267, 2542388, a14vi10, a14vi11, a14vi30, a14vi31, A14VI37



235009 S.R.E. Bracket

Servicing: 2542486, 2542487, 2542488, 2542793, 2542794, 2542802, 2542803, 2809464, SG8B020, SG8B021, SG8B022, SG9B063, SG9B064

ID/ bearing hole 37.50

All measurements are in mm, unless else stated.

[#]Available while stock last, ***** Program development.

O.E.M. names and numbers are used for reference purposes only.



235012 S.R.E. Bracket

Servicing: 2542489, 2542490, 2542491, 2543210, sg10b021, sg10b022, sg10b023, SG10B048

ID/ bearing hole 37.46



235013 S.R.E. Bracket

Servicing: 2542483, 2542484, 2542485, 2542678, sg7s014, sg7s015, sg7s016, SG7S024

ID/ bearing hole 33.50



235030 S.R.E. Bracket

Servicing: 2542305, 2542398, a11vi102, a11vi108, A14VI102, A14VI108



235075 S.R.E. Bracket w/ Rectifier

Replacing: 593447

Servicing: 2542441, a14vi22, SG12B040

ID/ bearing hole 35.96



235112 S.R.E. Bracket

Servicing: 2542272, 2542470, 2542523, 2542554, 2542573, 2542653, 2542817, 2542946, 2543337, 2543339, 2543340, 2543366, 2543639

ID/ bearing hole M8/M8



235126 S.R.E. Bracket

Replacing: 2590042

Servicing: 2541329, a14n160, a14n73, a14n75

ID/ bearing hole 34.26



235129 S.R.E. Bracket

Servicing: 2542234, 2542237, 2542461, 2542461A, 2542496, 2542949, sg12b012, sg12b015, sg12b042, sg12b049, SG12B090, sg14b011

ID/ bearing hole 37.50



235131 S.R.E. Bracket

Replacing: 2547221, 235131

Servicing: 2542232, 2542233, 2542295, 2542324, 2542497, 2542546, 2542587, 2542680, 2574347, sg12b010, SG12B011, sg12b018, sg12b025

ID/ bearing hole 37.39



235188 S.R.E. Bracket

Servicing: 2541750, 2541797, 2541797E, 2541882, 2541883, 2541928, 2541937, 2541945, 2541947, 2541979, 2542252, 2542366, 2542464

ID/ bearing hole 37.50



235189# S.R.E. Bracket

Servicing: 2541298, 2541298A, 2541299, 2541299A, a11vi10, a11vi11

ID/ bearing hole 34.50



235203 S.R.E. Bracket

Servicing: 2542270, 2542466, sg10b010, sg10b019

ID/ bearing hole 37.48



235343# S.R.E. Bracket

Servicing: 2541697, 2541697B, a13vi78, sg8b011

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.



235386 Rectifier w/ S.R.E. Bracket

Replacing: 593393

Servicing: 2542317, 2542319, 2542320, 2542345, 2542509, 2542572, 2542582, 2542738, 2542739, 2543369, SG12B021, SG12B022, SG12B023

14 **V**, **B+/ threaded** M8/11.66, **OD** 96.64, **No./ diodes** 3

Bearing: HC-CARGO 142272. Rectifier: HC-CARGO 332057.



235452# S.R.E. Bracket

Servicing: 2541970, 2542286, 2542396, 2542428, a13vi203, a13vi236, a13vi276, a13vi282



235454# Rectifier w/ S.R.E. Bracket

Replacing: 593475

Servicing: 2542342, 2542481, 2542540, sg7s010, SG7S012, sg7s013, SG7S028, SG7S074

14 **V**, **ID** 118.00, **OD** 130.20, **No./ diodes** 3

Bearing: HC-CARGO 142282. Rectifier: HC-CARGO 332196.



235463 S.R.E. Bracket

Servicing: 2542294, a13vi241

ID/ bearing hole 37.50



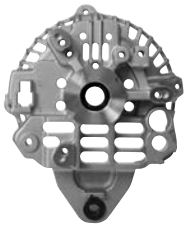
235465 Rectifier w/ S.R.E. Bracket

Replacing: 595362

Servicing: 2542663, 2542664, 2542818, 2542945, 2543206, 2543207, 2543342, 2543552, 2543552A, 2543560, 2543562, 2543563, 2543563B

110 **Amp/ diode**

Bearing: HC-CARGO 142272. Rectifier: HC-CARGO 330499.



235563 S.R.E. Bracket

Servicing: af175207, AF175362, AF175385, af190216, AF190217



235727 S.R.E. Bracket

Servicing: 2542693, 2542704, 2542832, 2542924, 2542924A, 2542925, 2542925A, 2543526, 2543526A, 2543527, TG15C020, TG15C022

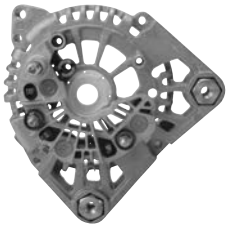
ID/ bearing hole 37.35



235743 S.R.E. Bracket

Servicing: TA000A48401, ta000a48402

ID/ bearing hole 35.00



235778 S.R.E. Bracket

Replacing: 593662, 235778

Servicing: 2542663, 2542664, 2542818, 2542945, 2543342, 2543552, 2543552A, 2543562, A0002655023, tg11c010, tg11c011, TG11C022

ID/ bearing hole 37.00

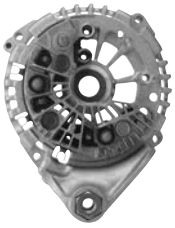


235867 Rectifier w/ S.R.E. Bracket

Replacing: 593797

Servicing: TG14C014, TG15C091, TG15C125, TG17C010, TG17C010B, tg17c011, TG17C020, tg17c048

ID/ bearing hole 35.00



236602 Rectifier w/ S.R.E. Bracket

Replacing: 593788

Servicing: tg15c012, TG15C018

14 **V**, **B+/ threaded** M8/14.80, **OD** 116.00, **B+ type** Bolt

Bearing: HC-CARGO 142272. Rectifier: HC-CARGO 239019.



237155 Rectifier w/ S.R.E. Bracket

Servicing: 2542689, 2655517, A0002655517, SG7S025, TA000A55601

14 **V**, 24 **Zener V**, **B+/ threaded** M8/31.50, **D+ threaded** M8, **Mount. dist.** 70.00, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 3

Bearing: HC-CARGO 142282. Rectifier: HC-CARGO 332770.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



237944# S.R.E. Bracket

Servicing: 2542377, 2542875, 2543237, sg12b029, SG14B019, SG14B020

ID/ bearing hole 37.40

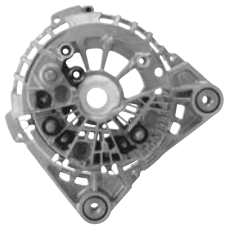


239882 S.R.E. Bracket

Replacing: 2590024

Servicing: 2181761, 2181762, 2181991, 2522104, 2541168, 2541199, 2541403, 2541778, 2541828, 2541850, A14N100, a14n100m, a14n110m

ID/ bearing hole 51.38



333213 S.R.E. Bracket w/ Rectifier

Replacing: 595247

Servicing: 2542611, 2542613, 2542784, 2542892, 2542966, 2543205, 2543205A, 2543304, 2543384, 2543385, 2543388, 2543558, 2543559

NEW PRODUCT
www.hc-cargo.com

333374* Rectifier w/ S.R.E. Bracket

Replacing: 595437

Servicing: 2607703a, FG18T033, tg14c026

14 **V**

Bearing: HC-CARGO 142272. Rectifier: HC-CARGO 330900.

NEW PRODUCT
www.hc-cargo.com

333473* S.R.E. Bracket

Servicing: 2542663, 2542818, 2542855, 2542945, 2543206, 2543207, 2543208, 2543342, 2543439, 2543551, 2543552, 2543552a, 2543560

NEW PRODUCT
www.hc-cargo.com

333474 S.R.E. Bracket

Servicing: 2542342, 2542481, sg7s010, sg7s013

ID/ bearing hole 32.00

Bracket Parts

Mounting Brackets



132330 Mounting Bracket

Replacing: 095192

Servicing: A13R172T, A13R184, a13r221, a13r222, A13R223, a13r228, a13r260, A13R269, A13R83, A13R90

Mount hole 6.00, **ID** 14.60, **Thickness** 2.85, **Dist. mount. holes** 89.55



132809 Mounting Bracket

Replacing: 101113

Servicing: 2541127, A14N101, A14N102, A14N132, a14n178, A14N28T, A14N3, A14N3T, A14N62, a14n64, a14n65, A14N74, A14N84, A14N89

Mount hole 5.95, **ID** 10.00, **Thickness** 2.95, **Dist. mount. holes** 96.30



132810 Mounting Bracket

Replacing: 104539

Servicing: 2181727, 2181730, 2518058, 2541120, 2541151, 2541247, 2541248, 2541331, 2541376, 2541387, 2541444, 2541466, 2541712

Mount hole 5.95, **ID** 10.10, **Thickness** 3.20, **Dist. mount. holes** 90.20



139582 Mounting Bracket

Replacing: 518006

Servicing: 2518057, 2929640, 2940426

Mount hole 5.85, **ID** 10.80, **Thickness** 4.10, **Dist. mount. holes** 86.75



139583 Mounting Bracket

Replacing: 101719

Servicing: a13r268

Mount hole 5.30, **ID** 10.80, **Thickness** 2.95, **Dist. mount. holes** 86.85



230906 Mounting Bracket

Replacing: 2590574, 102581

Servicing: 2181761, 2181762, 2541168, 2541403, 2541778, A14N115M, A14N116M, a14n137m, A14N177M, A14N196M, A14N198M, A14N30M

Mount hole 5.95, **ID** 10.10, **Thickness** 2.90, **Dist. mount. holes** 95.55

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.



231350 Mounting Bracket

Replacing: 581113

Mount hole 6.40, **ID** M10-1.25, **Thickness** 3.00, **Dist. mount. holes** 33.00



231824 Mounting Bracket

Replacing: 590649

Servicing: A14N1, a14n178, a14n2, a14n90, a14n91

Mount hole 5.70, **ID** M10, **Thickness** 3.25, **Dist. mount. holes** 96.45



235070 Mounting Bracket

Replacing: 593228

Servicing: 2541329, a14n124, a14n160, a14n165, a14n180, a14n73, a14n75, a14n76, a14n95

Mount hole 6.06, **ID** 10.25, **Thickness** 3.01, **Dist. mount. holes** 98.00

Mounting Bushings

Pkg. 10



134676 Mounting Bushing

Servicing: 2181762, 2541124, 2541156, 2541160, 2541204, a13n164, A13N171, A13N173, A14N116M, a14n144, A14N4

ID 10.10, **OD** 16.60, **OD/ collar** 24.70, **Length** 16.00, **Height/ collar** 6.45

Pkg. 10



134792 Mounting Bushing

Servicing: 2541171, 2541182, 2541188, 2541193, 2541365, A13N177, a13n183, A13N184, A13N217

ID 10.50, **OD** 18.00, **OD/ collar** 22.00, **Length** 16.00, **Height/ collar** 7.00

Pkg. 5



136932 Mounting Bushing

Servicing: 2541117, 2541257, 2541738, 2541738B, A13N157, A13N203, a13n95, A13VI85

ID 10.50, **OD** 18.00, **OD/ collar** 22.00, **Length** 13.00, **Height/ collar** 2.00

Nut: HC-CARGO 191898.

Pkg. 5



137497 Mounting Bushing

Servicing: 2541121, 2541202, 2541225, 2541226, 2541230, 2541245, 2541258, 2541262, 2541307, 2541307C, 2541307D, 2541308, 2541310

ID 10.00, **OD** 16.00, **OD/ collar** 24.00, **Length** 21.00, **Height/ collar** 2.00

Pkg. 5



230858 Spring Pin

Servicing: 2541712, 2541714, a13n125, a13n180, a13n274, a13n276

ID 8.00, **OD** 10.00, **Length** 25.40, **Material** Steel spring, **Heat treated** Yes, **DIN norm** 7336, **ISO norm** 13337

Pkg. 10



233658# Mounting Bushing

Servicing: 2541697, 2541697B, 2541811, 2541811A, 2541835, 2541861, 2541873, 2541912, 2541916, 2541941, 2541961, 2541962, 2541963

ID M10-1.50, **OD** 18.70, **OD/ collar** 18.90, **Length** 23.50, **Height/ collar** 4.95

Pkg. 5



234713 Mounting Bushing

Servicing: 2541665, 2541665B, 2541665C, 2541711, 2541747, 2542262, 2542263, 2542267, 2542312, 2542388, 2542441, 2542708, 2542849

ID 11.00, **OD** 18.60, **OD/ collar** 22.00, **Length** 26.00, **Height/ collar** 2.00

Pkg. 10



234835 Mounting Bushing

Servicing: 2542272, 2542393, 2542470, 2542523, 2542554, 2542573, 2542637, 2542639, 2542640, 2542653, 2542663, 2542664, 2542722

OD 18.50, **OD/ collar** 21.15, **Length** 21.00, **Height/ collar** 4.50

Pkg. 10



330706# Mounting Bushing

ID 9.43, **OD** 14.87, **OD/ collar** 17.51, **Length** 12.99, **Height/ collar** 2.38

Cover: HC-CARGO 233479, 235483.

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Mounting Bushing Kits



131606 Mounting Bushing Kit

Servicing: a14n1, A14N178, a14n2, a14n55, a14n90, a14n91, a14r17, a14r27, a14r3

ID M10, **OD** 16.60, **OD/ collar** 25.00, **Length** 12.00, **Height/ collar** 2.90



131607 Mounting Bushing Kit

Servicing: a12r1, a12r11, a12r3, A12R32, a12r4, a12r5, a13n13, a13n29, a13n49, a13n65, a13n81, a13r120, a13r141, a13r154, a13r172t

ID 10.00, **OD** 14.50, **Length** 9.00



132573 Mounting Bushing Kit

Replacing: 300709

Servicing: 2181991, 2518039, 2522104, 2541168, 2541191, 2541199, 2541663, 2541828, 2541850, A13N147, A13N147M, A13N148M, A13N149M

ID 8.00, **OD** 10.80, **OD/ collar** 23.00, **Length** 8.00, **Height/ collar** 2.00



137756 Mounting Bushing Kit

Servicing: 2541180, 2541189, 2541344, 2541350, 2541360, 2541369, 2541417, 2541417K, 2541455, 2541458, 2541461, 2541475, 2541489

ID 10.40, **OD** 18.50, **OD/ collar** 22.00, **Length** 12.20, **Height/ collar** 2.00



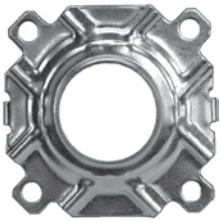
137757 Mounting Bushing Kit

Servicing: 2541118, 2541187, 2541259, 2541355, 2541356, 2541356A, 2541361, 2541362, 2541457, 2541457B, 2541459, 2541710, 2541710B

ID 10.50, **OD** 18.30, **OD/ collar** 22.00, **Length** 14.90, **Height/ collar** 2.00

Bearing Retainer Plates

Pkg. 10



139124 Bearing Plate

Servicing: 2541262, 2541298, 2541298A, 2541299, 2541299A, 2541307, 2541307C, 2541307D, 2541308, 2541310, 2541311, 2541321, 2541325

ID 26.00, **OD** 52.20, **Thickness** 6.80, **No./ mount. holes** 4
Bearing: HC-CARGO 140093.

Pkg. 10

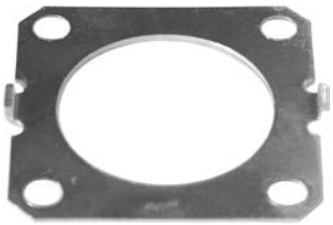


139125 Bearing Plate

Servicing: 2541658, 2541665, 2541665B, 2541665C, 2541675, 2541676, 2541680, 2541683, 2541683A, 2541703, 2541711, 2541747, 2541758

ID 25.65, **OD** 57.20, **Thickness** 6.00, **Dist. mount. holes** 44.00, **No./ mount. holes** 4
Bearing: HC-CARGO 140263.

Pkg. 5



231557 Bearing Plate

Servicing: 2541970, 2542225, 2542227, 2542232, 2542233, 2542234, 2542237, 2542238, 2542239, 2542240, 2542241, 2542244, 2542245

ID 37.00, **ID/ threaded hole** 4.00, **OD** 52.00, **Thickness** 1.50, **Dist. mount. holes** 40.00

Pkg. 10

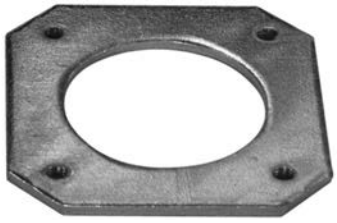


231864 Bearing Plate

Servicing: 2541180, 2541188, 2541193, 2541365, 2541366, 2541368, 2541489, 2541672, a13n181, A13N184, a13n207, A13N217, A13N218

ID 35.50, **OD** 65.00, **Thickness** 2.00, **Dist. mount. holes** 50.30, **No./ mount. holes** 2

Pkg. 5



231865 Bearing Plate

Servicing: 2181726, 2181727, 2181730, 2541117, 2541119, 2541120, 2541124, 2541142, 2541156, 2541159, 2541160, 2541171, 2541174

ID 34.00, **OD** 55.00, **Thickness** 2.50, **Dist. mount. holes** 39.00, **No./ mount. holes** 4

All measurements are in mm, unless else stated.
O.E.M. names and numbers are used for reference purposes only.
Available while stock last, * Program development.

Pkg. 10



233440 Bearing Plate

Servicing: 2541873, 2541916, 2542415, 2542416, A14VI19, A14VI20, hd90s010, hd90s011

ID 40.20, **OD** 57.00, **Thickness** 2.45, **Dist. mount. holes** 44.00, **No./ mount. holes** 4

Pkg. 5



233822 Bearing Plate

Servicing: 2542433, 2542479, 2542493, 2542813, 2542814, 2542815, 2809249, 2809253, 549277, HD90S013, HD90S013ZD, HD90S014

ID 26.00, **OD** 67.00, **Thickness** 2.40, **Dist. mount. holes** 52.00, **No./ mount. holes** 4

Pkg. 5



234573 Bearing Plate

Servicing: 2542310, 2542319, 2542441, 2542471, 2542524, 2542557, 2542565, 2542615, 2542619, 2542637, 2542708, 2542725, 2542726

ID 37.00, **OD** 57.00, **Thickness** 1.55, **Dist. mount. holes** 43.00, **No./ mount. holes** 4

Pkg. 5



234574 Bearing Plate

Servicing: 2181693, 2181761, 2518039, 2541147, 2541151, 2541178, 2541189, 2541191, 2541324, 2541329, 2541369, 2541403, 2541444

OD 72.00, **Thickness** 2.00, **Dist. mount. holes** 60.00, **No./ mount. holes** 2

Pkg. 5



235234 Bearing Plate

Servicing: 2181762, 2181991, 2522104, 2541168, 2541199, 2541476, 2541624, 2541828, 2541850, 2542359, 2542514, a13n23, a13n230

ID 32.30, **OD** 76.80, **Thickness** 4.00, **Dist. mount. holes** 61.00, **No./ mount. holes** 3, **Gasket** w/o

Bearing Caps

Pkg. 5



130903 Bearing Cap

Replacing: 079058

Servicing: 2541187, 2541233, 2541234, 2940304, 2940363, 2941293, A12M11, A12M15, A12M16, A12M17, A12M9, A12R1, A12R11, A12R22

ID 30.00, **OD** 33.00, **Height** 13.30

Neg. ground.

Pkg. 10



131826 Bearing Cap

Replacing: 590629, 105299

Servicing: 2104248, 2104264, 2181693, 2181761, 2181762, 2181991, 2518039, 2518054, 2518085, 2518086, 2522104, 2541147, 2541168

ID 32.00, **OD** 34.00, **Height** 14.00

Pkg. 5



131827 Bearing Cap

Replacing: 590627, 104810, 104809, 104808

Servicing: 2181699, 2181726, 2181727, 2181730, 2183106, 2518058, 2541112, 2541116, 2541117, 2541118, 2541119, 2541120, 2541121

ID 30.00, **OD** 32.00, **Height** 13.40

Pkg. 5



131828 Bearing Cap

Replacing: 592785, 077973

Servicing: 2518017, 2518044, 2541114, 2541115, 2541297, 2541301, 2541305, 2541372, 2541428, 2541479, 2541480, 2541497, 2541498

ID 32.00, **OD** 35.00, **Height** 15.00

Pkg. 5



133648 Bearing Cap

Replacing: 590650

Servicing: a13e10, a13e11, a13e12, a13e13, a13e2, a13e3, a13e30, a13e5, a13e6, a13e7, a13e9

ID 30.00, **OD** 32.50, **Height** 11.50

Pkg. 10



135170 Bearing Cap

Servicing: 2541299, 2541299A, 2541307, 2541307C, 2541307D, 2541355, 2541356, 2541356A, 2541360, 2541361, 2541362, 2541412, 2541443

ID 32.00, **OD** 32.80, **Height** 16.20

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



135171 Bearing Cap

Servicing: 2518017, 2521682, 2541189, 2541262, 2541298, 2541298A, 2541299, 2541299A, 2541308, 2541310, 2541311, 2541321, 2541339

ID 32.00, **OD** 34.30, **Height** 16.20

Pkg. 10



135508 Bearing Cap

Servicing: 2541299, 2541299A, 2541321, 2541325, 2541340, 2541349, 2541359, 2541361, 2541362, 2541410, 2541417, 2541417K, 2541447

ID 35.00, **OD** 37.30, **Height** 19.50
Alternative no.: B135508

Pkg. 5



234146 Bearing Cap

Servicing: 2542342, 2542481, 2542483, 2542484, 2542485, 2542540, 2542543, 2542545, 2542678, 2542689, 2655476, 2655517, A0002655517

ID 14.00, **OD** 33.80, **Height** 14.00

Pkg. 5



331007 Bearing Cap

Servicing: 219170

ID 35.05, **OD** 37.20, **Height** 13.60

Pkg. 10



332583 Bearing Cap

Servicing: 2541299, 2541321, 2541325, 2541340, 2541349, 2541359, 2541410, 2541447, 2541457, 2541459, 2541461, 2541475, 2541485

ID 35.00, **OD** 37.50, **Height** 17.50

Pkg. 300



B332583 Bearing Cap

Replacing: B332583

ID 35.00, **OD** 37.50, **Height** 17.50

Various

Pkg. 10



231867 Screw

Servicing: 2541494, 2541612, 2541617, 2541617A, 2541617B, 2541697, 2541697B, 2541726, 2541835, 2541840, 2541841, 2541861, 2541922

Thread M5, **Total length** 43.00/46.00, **Thread length** 26.00
KNURL O.D. 5.50 mm.

Pkg. 10



231868 Screw

Servicing: 2541262, 2541298, 2541298A, 2541299, 2541299A, 2541310, 2541321, 2541325, 2541339, 2541340, 2541348, 2541349, 2541359

Thread M5, **Total length** 40.00, **Thread length** 22.85
KNURL O.D. 5.50 mm.

Pkg. 10



231869 Screw

Servicing: 2541262, 2541298, 2541298A, 2541299, 2541299A, 2541310, 2541311, 2541321, 2541325, 2541339, 2541340, 2541348, 2541349

Thread M5, **Total length** 36.00, **Thread length** 25.80
KNURL O.D. 5.50 mm.

Covers



131585 S.R.E. Cover

Replacing: 590580, 590564, 100845

Servicing: 2181693, 2181726, 2181727, 2181730, 2183106, 2518039, 2518058, 2541117, 2541119, 2541122, 2541142, 2541151, 2541156

Alternative no.: B131585



131623# S.R.E. Cover

Replacing: 098979, 098978

Servicing: a13r203, a13r214, a13r218, a13r220, a13r221, a13r222, a13r228, a13r230, a13r231, a13r242, a13r243, a13r244, a13r245



131624 S.R.E. Cover

Replacing: 100155

Servicing: A13R259, A13R266, A13R267, A13R268, a14n1, a14n2

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



131626 S.R.E. Cover

Replacing: 590563, 100995

Servicing: 2104248, 2181699, 2181761, 2181762, 2181991, 2518054, 2522104, 2541127, 2541147, 2541168, 2541189, 2541199, 2541202



132602 S.R.E. Cover

Replacing: 590651

Servicing: 2541221, 2541222, 2541395, 2541396, 2541402, 2541434, 2541435, 2541438, 2541439, 2541441, 2541442, 2541645, 2940300



132902# S.R.E. Cover

Servicing: 2518086, a13n127, a13n160, a14n1, a14n117, a14n125, a14n2, a14n96



132925 S.R.E. Cover

Replacing: 590566

Servicing: 2541178, 2541197, 2541329, 2541849, a14n104, a14n138, a14n140, A14N160, a14n180, a14n205, a14n73, a14n75, a14n95



133491 S.R.E. Cover

Replacing: 590565

Servicing: 2541112, 2541116, 2541118, 2541120, 2541121, 2541124, 2541159, 2541160, 2541245, 2541247, 2541248, 2541259, 2541313



134975 S.R.E. Cover

Replacing: 592942, 2519621

Servicing: 2541298, 2541298A, 2541299, 2541299A, 2541447, 2541447A, 2541457, 2541457B, 2541458, 2541459, 2541461, 2541475, 2541655



134976 S.R.E. Cover

Replacing: 592946, 2519836

Servicing: 2541350, 2541355, 2541356, 2541356A, 2541360, 2541361, 2541362, 2541455, 2541731, 2541732, 2541738, 2541738B, 2541758

Pkg. 5



135207 S.R.E. Cover

Servicing: 2518044, 2518046, 2541297, a13v02, a13v05, a13v07



135243 S.R.E. Cover

Replacing: 592945

Servicing: 2541307, 2541307C, 2541307D, 2541325, 2541359, 2541485, 2541603, a11vi29, a13vi113, a13vi13, a13vi28, a13vi30, a13vi52



135428 S.R.E. Cover

Replacing: 592949, 592939

Servicing: 2541348, 2541473, 2541658, A13VI24, a13vi70



135430 S.R.E. Cover

Replacing: 593241, 592943

Servicing: 2541410, 2541415, 2541416, 2541416F, 2541417, 2541417K, 2541420, 2541675, 2541676, 2541801, 2541802, 2541815, 2541815A



135436 S.R.E. Cover

Replacing: 592944

Servicing: 2541262, 2541308, 2541310, 2541311, 2541339, 2541340, 2541344, 2541349, 2541386, 2541393, 2541393E, 2541394, 2541443

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



136119[#] S.R.E. Cover

Replacing: 590716

Servicing: 2518017, a14n95



136584 S.R.E. Cover

Replacing: 180733

Servicing: 2518085, a14n124, a14n76, A14N95



136585 S.R.E. Cover

Replacing: 590695

Servicing: 2521682, 2541115, a14v03, A14V04, a14v13



136622 S.R.E. Cover

Replacing: 592947

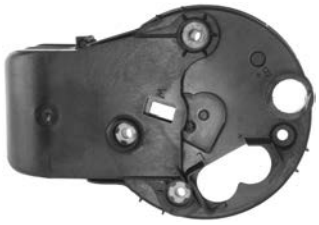
Servicing: 2541494, 2541835, a13vi132, a13vi54



136662 S.R.E. Cover

Replacing: 593237, 592941

Servicing: 2541321, 2541694, 2541694D, a13vi18, a13vi76



137761 S.R.E. Cover

Servicing: 2541625, 2541643, a13vi62, a13vi66



137762 S.R.E. Cover

Replacing: 593291, 591105

Servicing: 2541903, 2541905, 2541906, 2541908, 2541928, 2541937, 2541938, 2541942, a11vi67, a11vi79, A11VI81, a11vi85, a13vi157



137945 S.R.E. Cover

Replacing: 593238

Servicing: 2541678, 2541678B, 2541678C, 2541679, 2541679C, A13VI72, A13VI73



137946 S.R.E. Cover

Replacing: 593235

Servicing: 2541680, 2541683, 2541683A, 2541775, 2541775A, 2541775B, 2541776, 2541838, 2541838A, 2541839, 2541839A, 2541911



138051 S.R.E. Cover

Replacing: 593247, 591015

Servicing: 2541711, 2541760, 2541786, 2542262, 2542263, 2542267, a14vi10, A14VI11, a14vi13, a14vi14, a14vi30, a14vi31



138300 S.R.E. Cover

Replacing: 593295, 592940

Servicing: 2541412, 2541696, 2541817, 2541844, 2541856, 2541894, 2541895, 2541917, a13vi10, A13VI126, A13VI137, A13VI138, a13vi155



138500[#] S.R.E. Cover

Replacing: 590607

Servicing: 2104264, 2541476, a13n166, a13n23, A13N236, A13N236M



138501[#] S.R.E. Cover

Replacing: 593252

Servicing: 2541620, 2541620A, 2541620B, A13VI61



138502 S.R.E. Cover

Replacing: 593249

Servicing: 2541609, 2541809, 2541809A, A13VI118



138909 S.R.E. Cover

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
[#]Available while stock last, ***** Program development.



139444 S.R.E. Cover

Replacing: 593244

Servicing: 2541770, A13VI97



139445 S.R.E. Cover

Replacing: 593250

Servicing: 2541873, 2541916, 2542415, 2542416, 2809249, 2809253, A14VI19, A14VI20, HD90S010, HD90S011, HD90S016ZD, HD90S018ZD



139453 S.R.E. Cover

Replacing: 593289

Servicing: 2541834, 2541840, 2542228, 2542351, 2542500, 2542531, A14VI15, A14VI16, A14VI27, A14VI35, A14VI41, A14VI42



139462 S.R.E. Cover

Replacing: 593315

Servicing: 2541899, 2541914, 2541927, 2541976, 2541977, 2541978, 2541979, 2541981, 2541982, 2541983, 2541984, 2541985, 2541988



139474 S.R.E. Cover

Replacing: 593317

Servicing: 2541946, 2541947, 2542275, a11vi87, a13vi188, a13vi235



139480 PA Cover

Replacing: 593322

Servicing: 2541922, 2541968, 2542291, 2542347, a13vi178, a13vi202, a13vi237, a13vi257



139484 S.R.E. Cover

Replacing: 593294

Servicing: 2541842, 2542202, a14vi18, a14vi24



230676 S.R.E. Cover

Replacing: 593374, 593335

Servicing: 2541953, 2541954, 2541980, 2542252, 2542302, 2542322, 2542326, 2542327, 2542354, 2542464, 2542480, 2542495, 2542551



230943 S.R.E. Cover

Replacing: 593354

Servicing: 2541961, 2541962, 2542515, 2542516, a13vi190, a13vi200, a13vi286, a13vi287



231094 S.R.E. Cover

Replacing: 593376

Servicing: 2542285, 2542286, 2542297, 2542305, 2542307, 2542344, 2542394, 2542396, 2542397, 2542398, 2542399, 2542400, 2542427



231095 S.R.E. Cover

Replacing: 593352

Servicing: 2542251, 2542265, a13vi234, A14VI26, a14vi28



231096 S.R.E. Cover

Replacing: 593481, 593416

Servicing: 2542240, 2542241, 2542244, 2542245, 2542257, 2542258, 2542259, 2542260, 2542279, 2542280, 2542281, 2542282, 2542948

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



231097 S.R.E. Cover

Replacing: 593834, 593417

Servicing: 2542237, 2542461, 2542461A, 2542494, 2542509, SG12B015, SG12B042, SG12B047, sg12b049, SG14B010, sg14b011, sg9b042



231100 S.R.E. Cover

Replacing: 593398

Servicing: SG10B010, SG10B011, SG10B016, SG10B019, SG10B020, sg10b031, SG10B032, SG10B035, SG9B033, SG9B035, sg9b037, SG9B047



231187 S.R.E. Cover

Replacing: 593234

Servicing: 2541697, 2541697B, A13VI78



231851 S.R.E. Cover

Replacing: 593433

Servicing: 2542433, 2542479, 2542493, 2542813, 2542814, 2542815, 549277, HD90S013, HD90S013ZD, HD90S014, HD90S014ZD, HD90S015



231933 S.R.E. Cover

Replacing: 593370

Servicing: 2542232, 2542233, 2542234, 2542295, 2542324, 2542496, 2542497, 2542546, 2542587, 2542680, 2542738, 2542739, 2543369



232605 S.R.E. Cover

Servicing: ab190058, TA000A14501



232850 S.R.E. Cover

Servicing: 2541497, 2541498, a14v17, a14v18, a14vi17, a14vi18



232852 S.R.E. Cover

Servicing: 2541747, a14vi11



233540 S.R.E. Cover

Replacing: 521373

Servicing: 2541372, 2541428, 2541479, 2541480, 2541481, 2541499, A14V07, A14V08, a14v14, A14V15, A14V16, A14V19



233594 S.R.E. Cover

Replacing: 593341

Servicing: 2808490, a13vi193



233652 S.R.E. Cover

Servicing: 2542310, 2542471, sg12b020, SG12B045



233654 S.R.E. Cover

Replacing: 593448

Servicing: 2542298, 2542441, SG12B040, SG12B063, SG12S019



233655 S.R.E. Cover

Replacing: 593386

Servicing: sg12b017, sg12b030, SG12B038, SG12B055, sg12b068



233772 S.R.E. Cover

Replacing: 593242

Servicing: 2541750, 2541808, 2541813, 2541858, 2541875, 2541882, 2541883, 2541945, a11vi11, a11vi23, a11vi24, a11vi32, a11vi33

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.



234111 S.R.E. Cover

Replacing: 593510

Servicing: 2542486, 2542489, sg10b021, sg8b020



234148 S.R.E. Cover

Replacing: 593479

Servicing: 2542483, 2542678, SG7S014, SG7S024



234232 S.R.E. Cover

Replacing: 593336

Servicing: a13vi201



234328 S.R.E. Cover

Replacing: 593373

Servicing: 2542225, 2542227, 2542238, 2542239, 2542323, 2542507, sg8b010, sg9b010, sg9b011, SG9B017, sg9b027, SG9B042

B+ M6.



234699 S.R.E. Cover

Replacing: 593545

Servicing: 2542484, 2542485, sg7s015, sg7s016



234750 S.R.E. Cover

Servicing: 2518028, 2541399, 2541619, a13e50, A13E63



234752 S.R.E. Cover

Replacing: 595260

Servicing: 2541617, 2541617A, 2541617B, 2541861, 2541941, A13VI140, A13VI180, A13VI60



234753 S.R.E. Cover

Servicing: 2541811, 2541811A, a13vi119



234755 S.R.E. Cover

Servicing: 2541912, 2541963, a13vi160, a14vi22



234756 S.R.E. Cover

Servicing: 2541848, 2541884, a13vi130, A13VI150



234761 S.R.E. Cover

Replacing: 593553, 593394

Servicing: 2542317, 2542319, 2542320, 2542345, 2542572, 2542582, 2542669, 2542669A, a13vi190, SG12B021, SG12B022, SG12B023



234762 S.R.E. Cover

Replacing: 593513

Servicing: 2542524, 2542771, sg15l012, SG15L026



234821 S.R.E. Cover

Replacing: 593677

Servicing: 2542565, SG15S019



234822 S.R.E. Cover

Replacing: 593528

Servicing: 2542556, 2542564, 2542681, 2542684, 2543492, 2543493, sg15s016, sg15s018, sg15s021, sg15s022, TG15C115, TG15C116



234966 S.R.E. Cover

Replacing: 593361

Servicing: 2542264, 2542662, 2542686, a14vi29, A14VI52, A14VI53

All measurements are in mm, unless else stated.

#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



234983 S.R.E. Cover

Replacing: 593531

Servicing: 2542487, 2542488, 2542490, 2542491, 2542793, 2542794, 2542802, 2542803, 2543210, 2809464, sg10b022, sg10b023, SG10B048



235069 S.R.E. Cover

Replacing: 593407

Servicing: 2542343, 2542538, 2542602, 2542605, A14VI134, A14VI34, A14VI45, A14VI46, A14VI47



235163 S.R.E. Cover

Replacing: 593805, 593774

Servicing: 2542557, 2542693, 2542704, 2542705, 2542725, 2542726, 2542832, 2542839, 2542924, 2542924A, 2542925, 2542925A, 2543476



235168 S.R.E. Cover

Replacing: 593504

Servicing: 2542577, 2542578, 2542650, 2542746, 2542747, SG8B023, SG8B026, sg9b048, SG9B055, SG9B057



235176 S.R.E. Cover

Replacing: 593365

Servicing: 2541997, 2541998, a11vi95, a13vi223



235177 S.R.E. Cover

Servicing: ab170035, ab170036, AB170094, ab180140, AB190110, AB190111, apr140ab, ta000a08101



235197 S.R.E. Cover

Replacing: 593442

Servicing: 2542412, 2542413, 2542414, SG9B037, SG9B038, SG9B039



235374 S.R.E. Cover

Servicing: 2542308, 2542309, sg10b013, sg10b014, SG10Bo14



235378 S.R.E. Cover

Replacing: 593476

Servicing: 2542342, 2542481, 2542540, SG7S010, SG7S012, sg7s013, SG7S028, SG7S074



235396 S.R.E. Cover

Replacing: 593367

Servicing: 2542294, A13VI241



235482 S.R.E. Cover

Replacing: 593307

Servicing: 2541879, 2541880, a13vi151, a13vi152



235490 S.R.E. Cover

Replacing: 593663

Servicing: 2542663, 2542664, 2542818, 2542945, 2543342, 2543552, 2543552A, 2543560, 2543562, tg11c010, tg11c011, TG11C022



235674 S.R.E. Cover

Servicing: A0002655010



235753 S.R.E. Cover

Servicing: ab195126, AB195141, TA000A44301

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



236103 S.R.E. Cover

Replacing: 593810

Servicing: 2542736, 2542736A, TG9C013



236226 S.R.E. Cover

Servicing: A0002655023



236307 S.R.E. Cover

Replacing: 593669

Servicing: 2542637, 2542751, 2542819, 2543343, 2543344, 2543595, 2543595A, 2543596, 2543596A, 2543596B, SG15L013, sg15I020



236393 S.R.E. Cover

Replacing: 593823

Servicing: 2542694, 2542694A, tg8c011



236473 S.R.E. Cover

Replacing: 593672

Servicing: 2542708, SG12B087, SG9B054



236546 S.R.E. Cover

Replacing: 593826

Servicing: 2542696, 2542731, TG11C014, TG11C015



236604 S.R.E. Cover

Replacing: 593790

Servicing: 2542611, 2542613, 2542672, 2542685, 2542687, 2542695, 2542852, 2542898, 2543236, 2543248, 2543248A, 2543292, 2543304



236738 S.R.E. Cover

Replacing: 593405

Servicing: 2542388, A14VI37



237003 S.R.E. Cover

Servicing: 2542670, 2542671, 2542671A, 2542729, 2542841, 2542850, 2542851, 2542861, 2542884, 2543477, 2543479, 2543479A, 2543480



237028 S.R.E. Cover

Replacing: 593560

Servicing: 2542679, 2543525, tg15c015, TG15C117



237156 S.R.E. Cover

Servicing: 2655517, A0002655517, TA000A55601



237561 S.R.E. Cover

Replacing: 593981, 237561

Servicing: 2542920, 2542921, 2542922, 2542922A, 2542923, 2542923A, 2542928, 2542938, 2543215, 2543520, 2543521, 2543522, 2543523



237798 S.R.E. Cover

Replacing: 593507

Servicing: 2542543, 2542545, SG7S020, SG7S021

D+ M5.



237939 S.R.E. Cover

Servicing: 2542379, 2542875, 2543237, SG14B019, SG14B020, sg9b029



237943 S.R.E. Cover

Servicing: 2542377, sg12b029

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



238305 S.R.E. Cover

Replacing: 593425, 238305

Servicing: 2542432, 2542797, SG12B039, SG12B080



238322 S.R.E. Cover

Servicing: 2542772, 2542952, 2543363, 2543412, 2543570, TG15C034, TG15C056, TG15C057, TG15C121



238337 S.R.E. Cover

Servicing: 2542774, 2542954, 2542955, 2606301, 2606301A, SG9B068, SG9B079, TG11C021, TG11C035, TG11C074

w/ plug 125.



238424 S.R.E. Cover

Replacing: 593471

Servicing: 2542608, 2542609, 2542749, 2542749A, 2542749B, 2542749C, 2542753, SG11B010, SG12B044, SG12B065, SG14B017, SG9B040



239970 S.R.E. Cover

Replacing: 593680

Servicing: 2542272, 2542393, 2542470, 2542523, 2542554, 2542573, 2542640, 2542653, 2542722, 2542817, 2542946, 2543337, 2543338



239973 S.R.E. Cover

Replacing: 593903

Servicing: 2542849, SG15S032

NEW PRODUCT
www.hc-cargo.com

330041 S.R.E. Cover

Replacing: 593957

Servicing: 2542769, 2543222, 2543222B, 2543303, 2543306, 2543390, tg15c027, TG15C073, tg15c093, TG17C034



330297 S.R.E. Cover

Replacing: 593991

Servicing: 2542697, 2543315, 2543374, 2543400, 2543569, 2607703a, TG14C012, tg14c022, TG14C023, tg14c026, tg16c013, TG16C014

NEW PRODUCT
www.hc-cargo.com

330326 S.R.E. Cover

Replacing: 595270

Servicing: 2542720, 2543461, FG18D024, fg18s019, tg17c015

ID 124.00, **OD** 130.00, **Height** 47.00



330375 S.R.E. cover

Replacing: 593969

Servicing: 2542855, 2542926, 2542927, 2543206, 2543207, 2543208, 2543439, 2543551, 2543561, 2543563, 2543563B, 2543564, 2605275

NEW PRODUCT
www.hc-cargo.com

332116* S.R.E. Cover

Replacing: 599190, 599080, 595373

NEW PRODUCT
www.hc-cargo.com

332251 5★ S.R.E.Cover

Manufacturer: Bosch

Replacing: 595335

Servicing: 2543370, tg12c033

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Cover Parts

Various

Pkg. 10



235152 Nut

Servicing: 2181693, 2181761, 2181991, 2183106, 2518039, 2518058, 2541142, 2541147, 2541151, 2541169, 2541171, 2541174, 2541180

Thread M6, **OD** 10.00

Regulators

14 Volt



130017 Regulator

Replacing: yl412, ayb219, ayb217, ayb216, ayb214, ayb2120, ayb2111, aya214, 097628, 097162, 079905, 079760

Servicing: 71211302, 71220002, 71220102

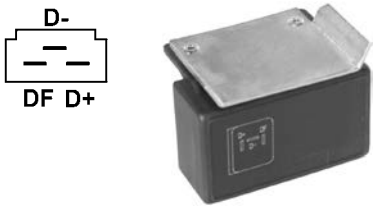
15.2 **V setting**, **Dist. mount. holes** 89.00, **D+ type** Spade, **Regulator type** Electronic
Single phase.



130613 Regulator

Replacing: 505053, 505051, 505050

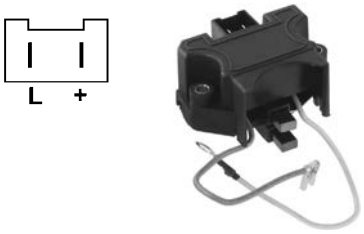
14.7 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic



130632 Regulator

Replacing: yl413, ayc213, ayc2127, ayc2117, ayc2114

14.4 **V setting**, **Dist. mount. holes** 68.00, **Regulator type** Electronic

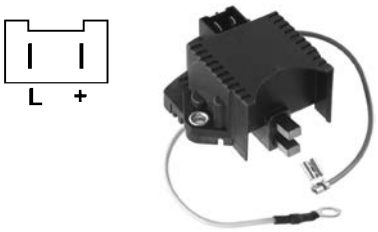


130655 Regulator

Replacing: yl143, yl123/b, 300669, 092867

Servicing: a12m11, A12M15, a12m16, a12m17, a12m9

14.5 **V setting**, **Dist. mount. holes** 58.50, **Regulator type** Electronic
For single phase, 2 diode alternators.

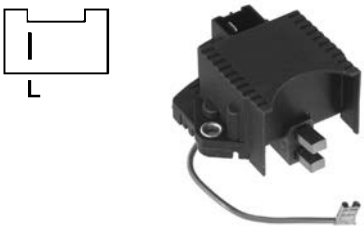


130657 Regulator

Replacing: yv1652, ym1652, yl155, yl154, yl152, yl149, yl129, yl122, yh1654, yh1652, yh1649, 590558, 2590558

Servicing: 2104248, 2181699, 2181726, 2181727, 2181730, 2518054, 2518086, 2541112, 2541116, 2541117, 2541118, 2541119, 2541120

14.5 **V setting**, **Dist. mount. holes** 55.30, **Regulator type** Electronic
For 6 diode alternators.
Alternative no.: 130657Z, B130957

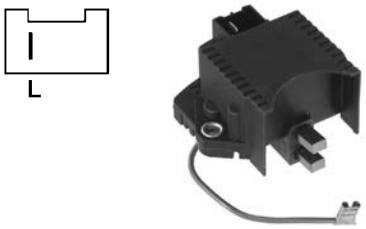


130661 Regulator

Replacing: yv2925, yv1933, yv1925, yv1924, yl133, yl132, yl125, yl124, yh2925, yh2701, yh1933, yh1925, 593191

Servicing: 2183106, 2518058, 2541142, 2541151, 2541169, 2541170, 2541171, 2541173, 2541174, 2541180, 2541181, 2541182, 2541341

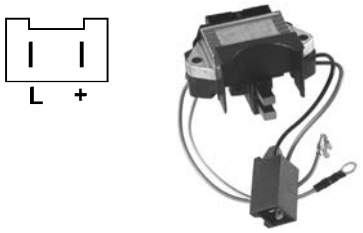
14.5 **V setting**, **Dist. mount. holes** 57.00, **Regulator type** Electronic
For 9 diode alternators.
Alternative no.: 130661Z, B130661



130661Z Regulator

Replacing: yl125, yl124, yh2925, yh2701, yh1933, yh1925, 593191, 592803, 590704, 590678, 590538, 300884

Dist. mount. holes 57.00, **Regulator type** Electronic
For 9 diode alternators.
Alternative no.: 130661, B130661



130663 Regulator

Replacing: yl142, yl141, yl140, yl136, yl131, yl130, 300676, 300675, 300667, 092930, 092918

Servicing: a12r38, a12r46, A12R73, A12RP73, a14n1, a14n2

14.5 **V setting**, **Dist. mount. holes** 55.15



130675 Regulator

Replacing: yl414, ayc2112

14.7 **V setting**, **Dist. mount. holes** 40.00, **Regulator type** Electronic
Adjustable type: HC-CARGO 136325.



130679 Regulator

Replacing: yl411, ayb218, ayb215, ayb213, ayb2128, ayb2125, ayb2124, ayb2123, ayb212, ayb2119, ayb2118

Servicing: a11m11, a11m12, a11m3, a11m4, a11m5, a11m6, a11r2, a11r3, a11r4, a12m8, a12r1, a12r10, a12r11, a12r12, a12r13, a12r14

14.5 **V setting**, **Dist. mount. holes** 78.00, **Regulator type** Electronic
Triple phase.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



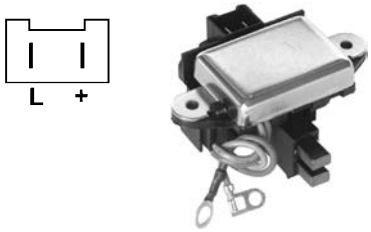
131146 Regulator

Replacing: yv2605, yl151, yl139, yl138, yl126, yh2606, yh2605, yh2602, yh1639, 590660, 300883y, 300883, 300725

Servicing: 2518085, 2541197, A13N10, A13N92, a14n124, A14N13, a14n140, a14n165, A14N20, A14N22, A14N50, A14N59, A14N69, a14n73

14.5 **V setting**, **Dist. mount. holes** 56.85, **Regulator type** Electronic

For 9 diode alternators.



131222 Regulator

Replacing: 691468

Servicing: 2541112, A13N128

14.5 **V setting**, **Dist. mount. holes** 66.00, **Regulator type** Electronic

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131224 Regulator

Replacing: yv1923, 9RC7104, 592888, 592806, 2940318, 2940022, 2523198, 2522939, 2521760

Servicing: 2541247, 2541395, 2541396, 2541402, 2940308, 2940363, 2940365, 2940367, 2940369, 2940371, 2940373, 2940375, a13e10

14.5 **V setting**, **Dist. mount. holes** 66.15, **Regulator type** Electronic

---



131226 Regulator

Replacing: yv7735, yv77, 590512, 300741, 300692, 2590512, 092966

Servicing: 2518039, 2541159, 2541191, 2541469, 2541663, A13N147, a13n147m, a13n148m, a13n149m, A13N172, a13n186m, A13N1M, A13N259

14.5 **V setting**, **Dist. mount. holes** 64.70, **Regulator type** Electronic

---



131477 Regulator

Replacing: yv1903, yl145, yl137, yl128, yh1928, yh1903, 593257, 593129, 300685, 300663, 182013, 182007, 092991

Servicing: 2541768, a13n165, a13n198, a13n255, a13n258, a13n26, A13N28, a13n281, a13n34, a13n52, a13n80, a13n93

14.5 **V setting**, **Dist. mount. holes** 54.40



133320 Regulator

Replacing: 42785, 3er1071

Servicing: Marine, ar150aa, AR150AC, ar150ar, AR150BA

14.6 **V setting**, **Dist. mount. holes** 66.75



133321 Regulator

Replacing: 42786, 12449

Servicing: ar150ba, ar150ca

Dist. mount. holes 66.60

Adjustable voltage. As HC-CARGO 133320, but w/ special plug.



133379 Regulator

Replacing: yv1655, yh1655, 590679, 2541137

Servicing: A12R36, a13r221, a13r222, a13r258

14.5 **V setting**, **Dist. mount. holes** 54.80



133492 Regulator

Replacing: yv1926t, 590688

Servicing: 2541188, 2541189, 2541193, 2541365, 2541369, a13n184, a13n217, a14n139, a14n172

14.7 **V setting**, **Dist. mount. holes** 55.00, **D+ type** Screw

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133783 Regulator

Replacing: yv0913h, 592792, 2541141

Servicing: 2516046, 2518044, a13v02, a13v05, a13v07, a13v2, a13v5, a13v7

14.5 **V setting**, **Dist. mount. holes** 60.55, **Regulator type** Electronic

---



134015 Regulator

Replacing: yv2700, yh2700, 300871

Servicing: a14n11, a14n38, a14n67, a14n71

14.6 **V setting**, **Dist. mount. holes** 55.75



134475 Regulator

Replacing: yv9966t, yv3970h, yv1969t, yv1966t, yv1965t, yv1928, ym9980, ym6955, ym6952, ym6555, ym3953, ym1950

Servicing: 2541494, 2541697B, 2541703, 2541971, 2542375, 592800, a11vi10, a11vi11, a11vi15, a11vi16, a11vi17, a11vi18, a11vi21

14.7 **V setting**, **Dist. mount. holes** 61.00, **Regulator type** Electronic

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135393 Regulator

Replacing: yv9911, 592781, 2519124

Servicing: 2521682, 2541114, 2541115, 2541301, 2541305, A14V01, A14V04, A14V05, a14v13, a14v2

14.5 **V setting**, **Dist. mount. holes** 67.90, **Regulator type** Electronic

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135434 Regulator

Replacing: yv1667h, 593142, 592793

Servicing: 2541262, 2541308, 2541310, 2541311, 2541339, 2541340, 2541344, 2541349, 2541386, 2541393, 2541393E, 2541394, 2541443

14.7 **V setting**, **Dist. mount. holes** 62.50, **D+ type** Screw, **Regulator type** Electronic

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135513 Regulator

Replacing: yv1868h, yv1668h, nc989, 592802, 2541407, 2519690

Servicing: 2541307, 2541307C, 2541307D, 2541325, 2541359, 2541485, 2541603, a11vi29, a13vi13, a13vi28, a13vi30, a13vi52

14.7 **V setting**, **Dist. mount. holes** 62.00, **Terminal type** L-IG



136546 Regulator

Replacing: ym6951, nf076, 593138, 2541715

Servicing: 2541678, 2541678B, 2541678C, 2541679, 2541679C, 2542388, a13vi72, a13vi73, a14vi37

14.7 **V setting**, **Dist. mount. holes** 64.00, **D+ type** Screw, **Regulator type** Electronic, **Terminal type** I



136742 Regulator

Replacing: a500c0111, 811883, 809163

Servicing: 893633, a000b0331, a000b0431, A0B09601, AC155515, ac155603, ac155604, AC155614, AC155616, AC155643, AC155907, ac165617

14.6 **V setting**, **Dist. mount. holes** 43.00, **Battery sensor** w/
F (trio) 10-24x33. S (sense) 10-24x33.



136910 Regulator

Replacing: yv7736, 593135

Servicing: a13n234, a13n259, a13n285

14.5 **V setting**, **Dist. mount. holes** 55.90, **Regulator type** Electronic

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136942 Regulator

Replacing: yv4904, yv49, 592963

Servicing: 2541481, 2541498, 2541499, a14v16, A14V18, a14v19

14.5 **V setting**, **Dist. mount. holes** 66.70



136965 Regulator

Replacing: yv99, 592952

Servicing: 2541372, 2541428, 2541479, 2541480, 2541497, A14V07, A14V08, a14v10, a14v11, a14v12, a14v14, a14v15, a14v17, a14v18

14.5 **V setting**, **Dist. mount. holes** 65.40

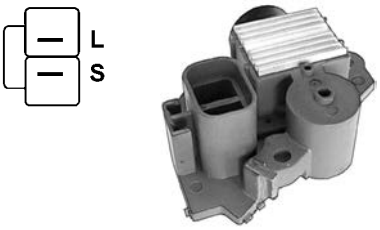


137694 Regulator

Replacing: yv5914h, 592602, 2518396

Servicing: 2518028, 2541399, 2541619, a13e17, a13e30, a13e50, A13E63

14.4 **V setting**, **Dist. mount. holes** 70.00

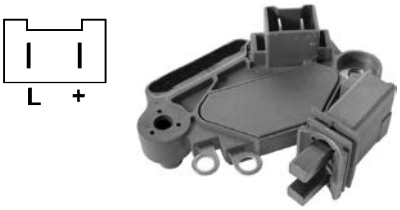


138204 Regulator

Replacing: ta500c02401

Servicing: ab190058, AB190147, ta000a14501

Dist. mount. holes 52.70, **Regulator type** Electronic, **Terminal type** L-S



138301 Regulator

Replacing: ym1601t, 593141

Servicing: 2541609, 2541750, 2541808, 2541809, 2541809A, 2541813, 2541858, 2541875, 2541882, 2541883, 2541945, A11VI54, A11VI76

14.4 **V setting**, 110 **Amp**, **Dist. mount. holes** 64.00, **Regulator type** Electronic

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139440 Regulator

Replacing: 2542248c, 2541952b

Servicing: 2541946, 2541947, 2541953, 2541954, 2541980, 2542252, 2542275, 2542302, 2542322, 2542326, 2542327, 2542354, 2542464

14.6 **V setting**, **Dist. mount. holes** 63.10, **Regulator type** Electronic

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All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



139456 Regulator

Replacing: ym1615p1, ym1600, ym1423p1, ym1413, 593349, 593310, 593303, 593290, 2541669b

Servicing: 2541834, 2541841, 2541842, 2541899, 2541903, 2541905, 2541906, 2541908, 2541914, 2541927, 2541928, 2541937, 2541938

14.6 **V setting**, **Dist. mount. holes** 63.20, **D+ type** Screw, **Regulator type** Electronic

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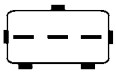
139468 Regulator

Replacing: 271910

Servicing: 219170

14.6 **V setting**, **Dist. mount. holes** 45.70, **Regulator type** Electronic

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139475 Regulator

Replacing: yv3672, yv10673h, 593140, 593132

Servicing: 2541717, 2541770, 2541811, 2541811A, A13VI119, A13VI130, A13VI82, A13VI97

14.6 **V setting**, **Dist. mount. holes** 62.75



139482 Regulator

Replacing: ym1619p1, 593319, 2541996c

Servicing: 2541922, 2541968, 2542228, 2542291, 2542347, 2542500, a13vi202, a13vi237, a13vi257, A14VI27, A14VI41

14.6 **V setting**, **Dist. mount. holes** 62.80, **D+ type** Screw, **Regulator type** Electronic

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139486 Regulator

Replacing: yv1060p, ym1606p1, ym10607p, 593318, 593305, 2541889b

Servicing: 2541879, 2541880, a13vi151, a13vi152

14.2 **V setting**, **Dist. mount. holes** 61.75

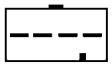


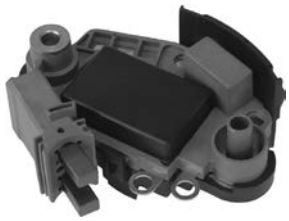


139669 Regulator

Servicing: ad165202, ad165206, ad165320, AD165320Q, ad165321, AD165321Q, AD165439, ad165440, AD165444, ad165454, ad165471

14.6 **V setting**, **Dist. mount. holes** 39.70, **Regulator type** Electronic, **Terminal type** S-L



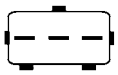


230686 Regulator

Replacing: ym2612p2, 593339

Servicing: 2808490, a13vi192, a13vi193, A13VI194

14.5 **V setting**, **Dist. mount. holes** 64.65





230944 Regulator

Replacing: ym3617pic, ym3617p1c, 593353, 593333, 2542208b, 2542207b, 2542204

Servicing: 2541884, 2541912, 2541961, 2541962, 2542515, 2542516, a13vi150, a13vi160, a13vi190, a13vi200, a13vi286, a13vi287

Dist. mount. holes 63.00, **Regulator type** Electronic



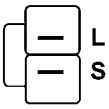


231103 Regulator

Replacing: yr1616vfp1, ym2660vp2f, ym1687vfp1, ym1672vfp1, ym1661vf4, ym1638p, ym16, 593941, 593813, 593522

Servicing: 2542225, 2542227, 2542232, 2542233, 2542234, 2542237, 2542238, 2542239, 2542240, 2542241, 2542244, 2542245, 2542257

14.7 **V setting**, **Dist. mount. holes** 60.10, **Regulator type** Electronic, **Terminal type** L-DFM
Alternative no.: B231103

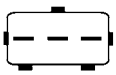




231425 Regulator

Servicing: ab170094, ab180140, AB190110, AB190111

70 **Amp**, **Dist. mount. holes** 51.80, **Terminal type** S-L





231663 Regulator

Replacing: ym3618p1c, ym2618p1, 593391, 593347, 2542209b

Servicing: 2541963, 2542251, 2542264, 2542265, 2542662, 2542686, A13VI234, a14vi22, A14VI26, a14vi28, a14vi29, A14VI52, A14VI53

14.5 **V setting**, **Dist. mount. holes** 64.20, **Regulator type** Electronic

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232042 Regulator

Replacing: ym6956, 593375, 2542288b, 2542288

Servicing: 2542285, 2542287, 2542297, 2542305, 2542307, 2542344, 2607208, A11VI101, A11VI102, A11VI99, A13VI236, A13VI242

14.7 **V setting**, **Dist. mount. holes** 63.80, **D+ type** Screw, **Regulator type** Electronic

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O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.





232962 Regulator

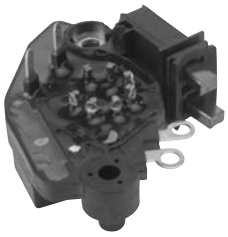
Replacing: yr1607p, ym1636p1, ym1627, 593936, 593396, 593384, 2542299c

Servicing: 2542393, 2542420, sg10b010, sg10b011, sg10b016, sg10b019, sg10b020, sg10b031, SG10B032, sg12b017, sg12b030, sg12b038

14.6 **V setting**, **Dist. mount. holes** 59.90, **Regulator type** Electronic, **Terminal type** I

Insulator plug: HC-CARGO 238201.





233633 Regulator

Replacing: 593419, 2542449

Servicing: 2542286, 2542394, 2542396, 2542397, 2542398, 2542400, 2542427, 2542428, 2542429, 2542525, A11VI106, A11VI108, A11VI109

14.7 **V setting**, **Dist. mount. holes** 64.50, **Regulator type** Electronic

Alternative no.: 333347 5★



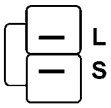
234115 Regulator

Replacing: yr66p, yr6604, 593534, 593505, 593477

Servicing: 2542298, 2542483, 2542486, 2542489, 2542543, 2542545, 2542547, 2542670, 2542678, 2542679, 2542689, 2542708, 2542841

14.7 **V setting**, **Dist. mount. holes** 61.50, **D+ type** Screw, **Regulator type** Electronic

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234229 Regulator

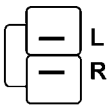
Servicing: ab175020, AB175068, ab190072, AB190119

14.4 **V setting**, **Dist. mount. holes** 50.00, **Terminal type** S-L



234252 Regulator

14.5 **V setting**, **Dist. mount. holes** 34.25, **Terminal type** L-S



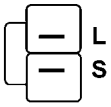


234286 Regulator

Replacing: TA500C0041

Servicing: ab160108

14.5 **V setting**, **Dist. mount. holes** 49.10





234326 Regulator

Servicing: af175363

14.5 **V setting**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** L-S





234533 Regulator

Replacing: ym1610f, 593362, 2541939b

Servicing: 2541997, 2541998, 2542294, a11vi95, a13vi223, a13vi241

Dist. mount. holes 63.60, **Regulator type** Electronic

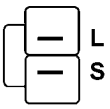


234620 Regulator

Replacing: TA500C11601

Servicing: TA000A57301, TA000A57401

Dist. mount. holes 48.95





234654 Regulator

Replacing: TA500C09001

Servicing: ab180128, AB190147, ta000a39101, TA000A48401, ta000a48402, TA001A33001





234818 Regulator

Replacing: yr1615pf, 593689

Servicing: 2542554, 2542639, 2542663, 2542664, 2542817, 2542818, 2542855, 2542897, 2542926, 2542927, 2542945, 2542946, 2543337

Dist. mount. holes 59.50, **Regulator type** Electronic

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.





234820 Regulator

Replacing: YH0601, 599123, 599121, 593675

Servicing: 2542565, 2542736, 2542736A, 2543302, SG15S019, TG12C013, TG7S012, TG9C013

Dist. mount. holes 50.80,
Regulator type Electronic

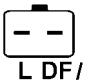


234961 Regulator

Replacing: ym1666fp5, 593874, 593454

Servicing: 2542412, 2542413, 2542414, SG9B037, SG9B038, sg9b039

Dist. mount. holes 60.55



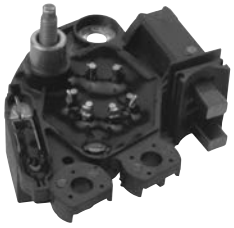


234982 Regulator

Replacing: yr6620pf, 593529

Servicing: 2542484, 2542485, 2542487, 2542488, 2542490, 2542491, 2542526, 2542742, 2542793, 2542794, 2542802, 2542803, 2543210

14.6 **V setting**, **Dist. mount. holes** 64.00,
Regulator type Electronic
2.5 sec. LRC.

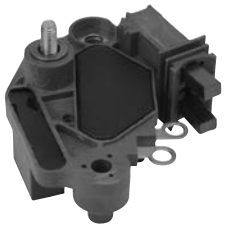


235079 Regulator

Replacing: ym1658, 593446, 593434

Servicing: 2542441, 2542849, sg12b040, sg12b054, SG12S019, SG15S032, SG9B054

Dist. mount. holes 61.50, **D+ type** Bolt,
Regulator type Electronic



235082 Regulator

Replacing: ym6603, 593284

Servicing: 2541840, 2542351, 2542500, 2542531, a14vi15, a14vi16, a14vi27, a14vi35, a14vi41, a14vi42

14.6 **V setting**, **Dist. mount. holes** 70.00,
D+ type Bolt, **Regulator type** Electronic,
Battery sensor w/o, Not insulated return
2.5 sec. LRC.





235205 Regulator

Servicing: ab165104, TA000A30601

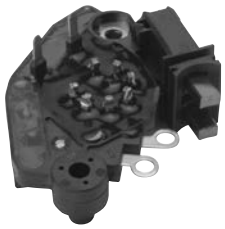
14.5 **V setting**, **Dist. mount. holes** 50.00,
Regulator type Electronic



235206 Regulator

Servicing: AB112112, AB112145, TA000A27301

14.6 **V setting**, **Dist. mount. holes** 66.00,
Regulator type Electronic, **Capacitor** w/o,
Resistor w/o

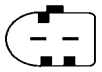


235229 Regulator

Replacing: ym6670vf, YM1675VIP6, 593779

Servicing: 2542399, 2542524, 2542771, a13vi278, sg15l012, SG15L026

14.5 **V setting**, **Dist. mount. holes** 64.20,
Regulator type Electronic





235369 Regulator

Replacing: yr3634vfp2, 593406

Servicing: 2542343, 2542538, 2542602, 2542605, A14VI134, A14VI34, A14VI45, A14VI46, A14VI47

14.5 **V setting**, **Dist. mount. holes** 64.00,
Regulator type Electronic



235551 Regulator

Servicing: AF111225, AF111382, AF111390, AF111393, AF175476, TA000A48201, TA000A54701, TA000A56901, TA000A57301, TA000A57401

14.5 **V setting**, **Dist. mount. holes** 50.00





235606 Regulator

Servicing: AB195125, AB195141, TA000A29102, TA000A44301

14.3 **V setting**, **Dist. mount. holes** 60.00,
Terminal type G-S-L-F



235657 Regulator

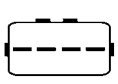
Replacing: yr6608, 593532

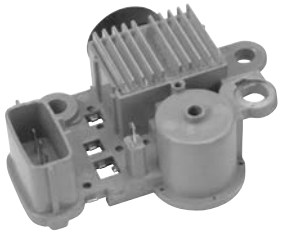
Servicing: 2542556, 2542564, 2542671, 2542671A, 2542681, 2542684, 2542693, 2542725, 2542726, 2542832, 2542839, 2542924, 2543492

Dist. mount. holes 66.50, **D+ type** Bolt,
Regulator type Electronic,
Not insulated return

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.





235702 Regulator

Servicing: ab195126

14.3 **V setting**, **Dist. mount. holes** 66.00, **Regulator type** Electronic, **Terminal type** C-S-L-FR, **Capacitor** w/o, **Resistor** w/o, Not insulated return





235808 Regulator

Replacing: 595325, 595243

Servicing: 2543248, 2543248A, 2543289, 2543289A, 2543290, 2543290B, 2543406, 2543406A, FG18S012, TG17C028, TG17C030, TG17C030B

Dist. mount. holes 60.00, **Regulator type** Electronic, **Capacitor** w/, Not insulated return





235819 Regulator

Replacing: YM1662P, YM1622P, YM1620, YM142P1, YM1424P1, 9RC7108, 593411, 593338, 593316

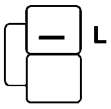
Servicing: A11V188, A11VI110, A11VI111, A11VI195, a11vi87, a11vi88, a11vi94, a11vi98, a13vi188, a13vi195, a13vi235, a13vi238

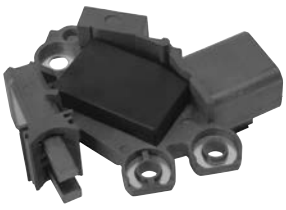
14.6 **V setting**, **Dist. mount. holes** 63.50, **Regulator type** Electronic
w/ choke.



235844 Regulator

14.6 **V setting**, **Dist. mount. holes** 61.50, **Regulator type** Electronic, **Terminal type** IG-L





235845 Regulator

Replacing: 2655001, 235845

Servicing: 2655516

14.4 **V setting**, **Dist. mount. holes** 61.30, **Regulator type** Electronic, **Terminal type** I



235853 Regulator

Replacing: 599102, 595200

Servicing: TG17C010B, TG17C021

Dist. mount. holes 57.00, **D+ type** Bolt, **Regulator type** Electronic, **Capacitor** w/, Not insulated return





235854 Regulator

Replacing: 599101, 593796

Servicing: TG17C010

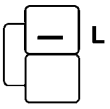
Dist. mount. holes 60.00, **Regulator type** Electronic

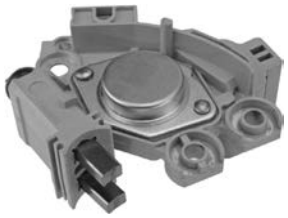
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235878* Regulator

Replacing: 593983

Servicing: TG17C021B

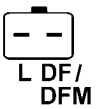


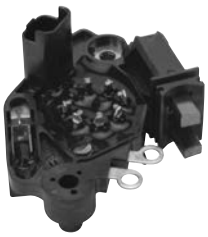


236224 Regulator

Servicing: 2455023, A0002655023

14.5 **V setting**, **Terminal type** I



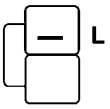


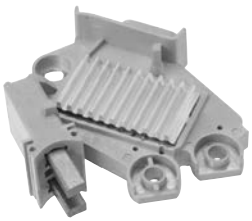
236306 Regulator

Replacing: ym1689pf, 593666

Servicing: 2542637, 2542751, 2542819, 2543343, 2543344, 2543595, 2543595A, 2543596, 2543596A, 2543596B, SG15L013, sg15l020

14.5 **V setting**, **Dist. mount. holes** 64.25, **Regulator type** Electronic
DF terminal.





236390 Regulator

Replacing: 593818

Servicing: 2542284, 2542284B, 2542284C, 2542694, 2542694A, sg9b025, tg8c011

14.5 **V setting**, **Dist. mount. holes** 61.75, **Regulator type** Electronic, **Terminal type** I





236597 Regulator

Replacing: yr0636d15, 593780

Servicing: 2542582, 2542685, 2542784, 2543292, 2543315, SG12B062, TG15C018, TG16C014, TG17C020

14.3 **V setting**, 7 **Amp**, **Dist. mount. holes** 62.00, **Regulator type** Electronic, **Terminal type** COM, **Battery sensor** w/o, **Capacitor** w/o, **Resistor** w/o, Not insulated return

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

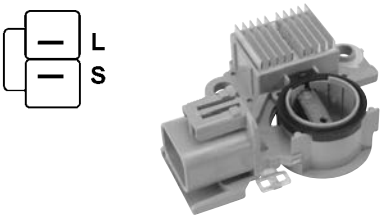


236601 Regulator

Replacing: yr3632vfp2, 593793

Servicing: 2542672, 2542852, 2543236, tg15c012, TG15C038, TG15C064

14.5 **V setting**, **Dist. mount. holes** 61.25, **Regulator type** Electronic, **Capacitor** w/, **Resistor** w/o

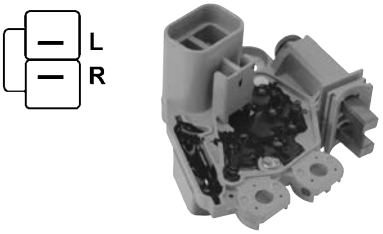


236638 Regulator

Replacing: ta500c04401, ta500c02001

Servicing: ab160044, ab170036, ab170066, ab180085, ab180092, TA000A32601, TA000A36701

14.7 **V setting**, 80 **Amp**, **Dist. mount. holes** 50.00, **Regulator type** Electronic, **Terminal type** L-S

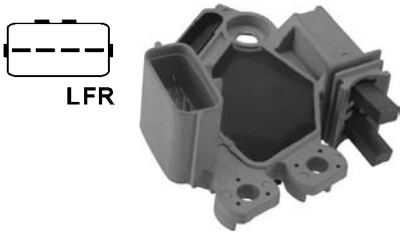


237153 Regulator

Replacing: 13480351

Servicing: 2655517, A0002655517, TA000A55601

Terminal type R-L, **Capacitor** w/



237456 Regulator

Dist. mount. holes 61.00, **Regulator type** Electronic



237938 Regulator

Replacing: ym3637, 593839, 593423

Servicing: 2542377, 2542379, 2542432, 2542797, 2542812, 2542824, 2542826, 2542875, 2543237, A14S054, A14S055, SG12B029, SG12B039

14.5 **V setting**



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238143* Regulator

Replacing: 93740810

Servicing: 2655476, TA000A52202

14 **V,** 65 **Amp**



238340 Regulator

Replacing: 595385

Dist. mount. holes 61.00, **D+ type** Bolt, **Regulator type** Electronic, Not insulated return



238421 Regulator

Replacing: 593943, 593395

Servicing: 2542320, SG12B022, SG12B024, SG12B028

14.6 **V setting**
2.5 sec. LRC.



239885 Regulator

Replacing: 593993

Servicing: 2542557, 2542704, 2542920, 2542921, 2542922, 2542922A, 2542923, 2542923A, 2542924A, 2542925, 2542925A, 2542938, 2543215

14.5 **V setting**, 14.5 **V/ adjustable**, 7 **Amp**, **Regulator type** Electronic, **Terminal type** D+/DF, **Battery sensor** w/o, **Capacitor** w/, **Resistor** w/o, Not insulated return

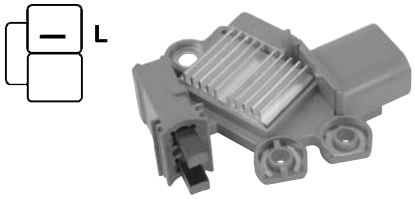


330042 Regulator

Replacing: 593771

Servicing: 2542609, 2542720, 2542749, 2542749A, 2542749B, 2542749C, 2542753, 2542769, 2542772, 2542952, 2543222, 2543222B, 2543303

Regulator type Electronic, **Terminal type** COM



330058 Regulator

Servicing: 2655103, 2655475, 2655524, a0002655103, A0002655475, A0002655524

14.4 **V setting**, **Dist. mount. holes** 61.20, **Regulator type** Electronic, **Terminal type** I



330081 Regulator

Replacing: 593918

Servicing: 2542611, 2542613, 2542827, 2543304, 2543374, TG17C010B, tg17c011, tg17c024, tg17c048, tg17c054

Dist. mount. holes 61.40, **Regulator type** Electronic, **Battery sens or** w/o, **Capacitor** w/o, **Resistor** w/o

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

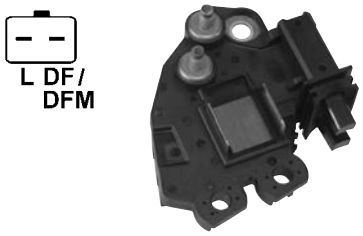


330202 Regulator

Replacing: 595379, 595252

Servicing: 2543205, 2543205A, 2543207, 2543559, 2543559A, 2543563, 2543563B, SG12B092, SG12B124, TG11C040, TG11C041, TG11C055

Dist. mount. holes 61.00,
Regulator type Electronic,
Terminal type COM



330278 Regulator

Replacing: 595354

Servicing: fg18s017

Dist. mount. holes 61.00, **D+ type** Bolt,
Regulator type Electronic, **Capacitor** w/



330319 Regulator

Servicing: TG15C058

150 **Amp**, **Dist. mount. holes** 60.00,
Regulator type Electronic,
Terminal type L-DF/DFM



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330504 Regulator

Replacing: 2606174

Servicing: 2543488, tg8s024

Dist. mount. holes 62.00,
Regulator type Electronic,
Terminal type I





330917 Regulator

Servicing: 2655635

14.7 **V setting**, **Dist. mount. holes** 61.20,
Regulator type Electronic,
Battery sensor w/o



331006 Regulator

Replacing: 595238

Dist. mount. holes 60.00, **D+ type** Bolt,
Regulator type Electronic



332115 Regulator

Replacing: 599194, 599182, 595393

Servicing: 2543570, TG15C057, TG15C121

Regulator type Electronic,
Terminal type COM, **Battery sensor** w/o





332158 Regulator

Replacing: 595365, 593877

Servicing: 2543461, fg18s019

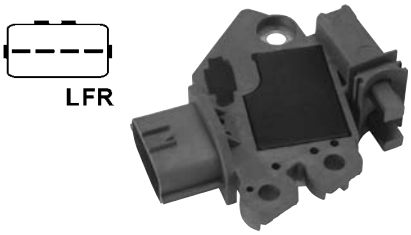
Dist. mount. holes 61,50, **D+ type** Bolt,
Regulator type Electronic,
Battery sensor w/o



332249 Regulator

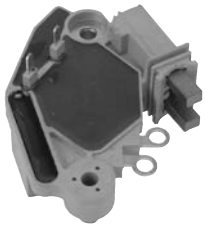
Replacing: 595283

D+ type Bolt, **Regulator type** Electronic,
Battery sensor w/o,
Not insulated return



333045 Regulator

Regulator type Electronic,
Terminal type FR-L



333347 5★ Regulator

Manufacturer: Valeo

Replacing: 593419, 2542449

Servicing: 2542285, 2542286, 2542297, 2542305, 2542307, 2542344, 2542394, 2542396, 2542397, 2542398, 2542400, 2542427, 2542428

14.7 **V setting**, **Dist. mount. holes** 64.50,
Regulator type Electronic
Alternative no.: 233633

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333352* Regulator

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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NEW PRODUCT
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333663* Regulator

Replacing: 593937

Servicing: sg12b017, sg12b020, sg12b038, sg12b050

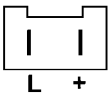
28 Volt



130610 Regulator

Replacing: 505054

28.3 **V setting**, **Dist. mount. holes** 86.00, **Regulator type** Electronic





130657Z Regulator

Replacing: 300901, 300894, 300868, 300806, 300795, 300668, 182046, 092927, 092860

Dist. mount. holes 55.30

Alternative no.: 130657, B130657



131120 Regulator

Replacing: zv3928, zl128, zl126, 590640, 092962y, 092962, 092901

Servicing: a13n11, a13n140t, a13n174, a13n190, a13n229t, a13n22t, a13n257, a13n4t, a13n51, a13n5t, a14n104, a14n114t, a14n133

28.3 **V setting**, **Dist. mount. holes** 57.40

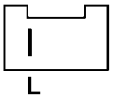


131300 Regulator ***replaces 610337***

Replacing: zv3902h, zl129, zh3902, 593308, 182169

Servicing: 2104264, 2181693, 2181761, 2181762, 2181991, 2522104, 2541168, 2541199, 2541403, 2541447, 2541447A, 2541624, 2541724

28.3 **V setting**, **Dist. mount. holes** 38.80, **Regulator type** Electronic





133322 Regulator

Replacing: zv3927, zl127, 092955

Servicing: a14r341t, a14r34t, a14r541t, a14r542t, a14r543t, a14r54t

28.3 **V setting**, **Dist. mount. holes** 56.50



133989 Regulator

Replacing: zv3932, zv3925, zl134, zl132, yv3932, 593835, 590537, 2590537, 182008

Servicing: A13N140, A13N140T, a13n272, A14N114, A14N114T

28.3 **V setting**, **Dist. mount. holes** 56.00, **Terminal type** IG-L



137489 Regulator

Replacing: zv3961t, zv3960h, 593357, 593260

Servicing: 2541873, 2541916, 2542415, 2542416, 2809249, 2809253, A14VI19, a14vi20, HD90S010, HD90S011, HD90S016ZD, HD90S018ZD

28.3 **V setting**, **Dist. mount. holes** 63.70

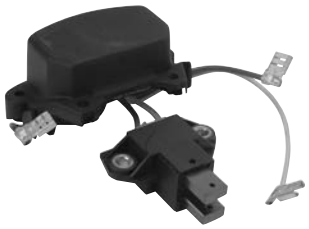


232043 Regulator

Replacing: zv3963t, 593430, 2542419

Servicing: 2542433, 2542479, 2542493, 2542813, 2542814, 2542815, 549277, HD90S013, HD90S013ZD, HD90S014, HD90S014ZD, HD90S015

28.3 **V setting**, **Dist. mount. holes** 63.00, **D+ type** Screw, **Regulator type** Electronic



235829 Regulator

Replacing: zv3729, 590536

Servicing: a13n33m, a14n100m, a14n118m, a14n119m, a14n122m, a14n137m, a14n141m, a14n200m, a14n30m

27.7 **V setting**, 25.4 - 31.0 **V/ adjustable**, **Regulator type** Electronic

Regulator Parts

Terminal Blocks



235458 Terminal Block

Servicing: 2542524, 2542771, sg15l012, SG15L026

Various

Pkg. 10



134144 Repair Lead

Servicing: 2565993, a13e66, A13E67, a13e69

Lead length 159.00

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Available while stock last, * Program development.

Pkg. 5



238201 Regulator part

Servicing: 2541947, 2541953, 2541954, 2542272, 2542326, 2542393, 2542466, 2542495, 2542523, 2542573, 2542637, 2542640, 2542653

OD 16.10, **Length** 24.50

For plug 55 and 72.

Brush Boxes



131557 Brush Box

Replacing: 092859

Servicing: 2181730, A12R22, A12R43, A12R45, A12R50, A13N139, A13N18, A13N20, A13N31, a13n60t, A13N63, a13n65, a13r203, a13r218

14 **V**, **OD** 66.00



131850 Brush Box

Replacing: 300665

Servicing: 2541147, 2541789, a13n11, A13N140, a13n140t, a13n165, a13n174, a13n190, a13n21t, A13N229T, a13n22t, a13n255, a13n257

28 **V**, **OD** 65.80



134928 Brush Box

Replacing: 300682

Servicing: A13N101, A13N102, a14n28t, A14N3, a14n3t

28 **V**



135194 Brush Box

Servicing: a000b0331, ac155603, ac155604, ac155616, ac165610, ac165616, ac165618, ar150aa, ar150ar, ar150ba, ar150ca, ar150da

14 **V**



137192 Brush Box

Replacing: 092967

Servicing: 2181761, 2181762, 2181991, 2518039, 2522104, 2541168, 2541191, 2541199, 2541403, 2541476, 2541663, 2541778, 2541828

28 **V**

Brush Box Parts

Brush Sets



141006 Brush Set

Replacing: 141006

Servicing: 2541873, 2541916, 2929580, 2960000, a14vi19, a14vi20

28 **V**, **Length** 13.00, **Lead length** 51.00, **Height** 6.50, **Thickness** 4.50



141192 Brush Set

Replacing: 141192

Servicing: ar150ca, ar150da, M59819

14 **V**, **Length** 13.50, **Lead length** 33.50, **Height** 6.50, **Thickness** 4.50



PX502 Brush Set

Replacing: 073742r, 073742

Servicing: a13r108, a13r109, a13r10l, a13r110, a13r111l, a13r111lt, a13r11l, a13r122, a13r130, a13r15, a13r168, a13r17l, a13r18

6/24 **V**, **Length** 14.00, **Lead length** 22.00, **Height** 7.00, **Thickness** 5.00



PX52-542 Brush Set

Replacing: 092669, 075411h, 075411

Servicing: a11m10, a11m11, a11m12, a11m13, a11m14, a11m3, a11m4, a11m5, a11m6, a11m7, a11m9, a11r1, a11r2, a11r3, a12m1, a12m10

Length 19.00, **Lead length** 79.00, **Height** 7.00, **Thickness** 5.00



PX582 Brush Set

Replacing: px582

Servicing: 2104264, 2541476, 2541624, 2542359, 2542514, A13N166, a13n23, A13N236, A13N236M, a13n2m, A14N183M, A14N207M, A14N208M

Length 17.00, **Lead length** 62.00, **Height** 10.00, **Thickness** 5.00
Alternative no.: P58



PX602 Brush Set

Replacing: 300722, 092950

Servicing: 2541848, 2542225, 2542227, 2542232, 2542234, 2542237, 2542238, 2542239, 2542241, 2542244, 2542245, 2542257, 2542258

14 **V**, **Length** 15.40, **Lead length** 48.00, **Height** 6.40, **Thickness** 4.60



SVX72 Brush Set

Replacing: 300821

Servicing: 2104248, 2181699, 2181726, 2181727, 2181730, 2183106, 2518028, 2518044, 2518046, 2518054, 2518057, 2518058, 2518085

12/24 **V**, **Length** 14.50, **Lead length** 50.00, **Height** 6.40, **Thickness** 4.60
Alternative no.: SV7

Brushes

Pkg. 100



P58 Brush

Replacing: px582

Servicing: 2541778, a14n196m

14/28 **V**, **Length** 17.00, **Lead length** 62.00, **Height** 10.00, **Thickness** 4.95
Alternative no.: PX582

Pkg. 100



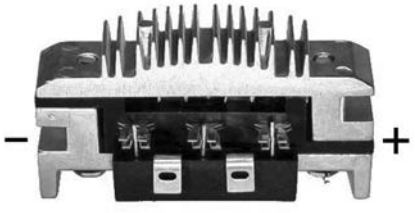
P60 Brush

Replacing: 092950

Servicing: 2543569, TG14C023

14 **V**, **Length** 15.40, **Lead length** 48.00, **Height** 6.40, **Thickness** 4.60

Rectifiers



130633 Rectifier

Replacing: 581064

Servicing: 2518017, 511014A, 514002, 514004

35 **Amp/ diode**, **OD** 74.00,
No./ diodes 6, **Capacitor** w/o



130980 Rectifier

Replacing: 592894, 592555, 582555, 2522165

Servicing: 2518051, 2541130, 2541131, 2541148, 2541264, 2541290, 2541400, 2926300, 2928610, 2940246, 2940772, 2950281, 2950700

14 **V**, 35 **Amp/ diode**, **OD** 101.00,
No./ diodes 6, **Capacitor** w/o

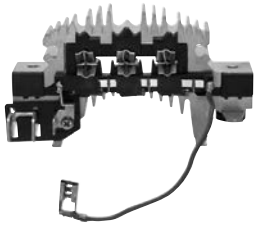


130981 Rectifier

Replacing: 2522173, 2522172

Servicing: 2541452, 2927070, 2929780, 2941231, 2950220

14 **V**, 35 **Amp/ diode**, **OD** 95.00, **Mount. dist.** 65.00, **No./ diodes** 6, **Capacitor** w/o



131135 Rectifier

Replacing: 592837, 2522190

Servicing: 2541187, 2541254, 2925000, 2925060, 2927790, 2940363, 2941293, A13E19, A13E39

35 **Amp/ diode**, **B+/ threaded** 9.40, **D+ threaded** 6.30, **OD** 100.00, **Mount. dist.** 80.00, **B+ type** Spade, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/o



131164 Rectifier

Replacing: 593180, 592877, 592779, 592595, 104971, 104292, 103576, 103539, 101759, 101217

Servicing: a13n109, a13n123, a13n129, a13n133, a13n138, a13n169, a13n175, a13n176, a13n178, a13n179, a13n215, a13n216, a13n231

50 **Amp/ diode**, **ID** 43.00, **OD** 115.00, **Mount. dist.** 85.00, **D+ type** Spade, **No./ diodes** 6, **Capacitor** w/



131228 Rectifier

Replacing: 180593, 105380, 103543, 102527, 101743

Servicing: 2541258, a13n104, a13n110, a13n12, a13n121, a13n13, a13n136, a13n137, a13n139, a13n14, a13n15, a13n150, a13n156

35 **Amp/ diode**, **ID** 43.00, **OD** 116.00, **Mount. dist.** 85.00, **W type** Spade, **No./ diodes** 6, **Capacitor** w/

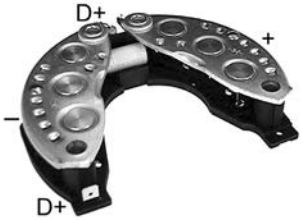


131568 Rectifier

Replacing: 104269, 101701, 101227

Servicing: 2541147, a13n11, a13n245, a13n291, a13n293, a13n296, a13n297, a13n44t, a13n45t, a14n133, a14n135, a14n39

50 **Amp/ diode**, **ID** 46.00, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



131569 Rectifier

Replacing: NC217, NC134, 592841, 592746, 592745, 105754, 105554, 103546, 102339, 101776, 101773

Servicing: 2183106, 2518058, 2541170, a13n100, a13n101, a13n102, a13n111, a13n118, A13N130, a13n135, a13n144, A13N176, a13n244

50 **Amp/ diode**, **ID** 37.10, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/
82 Ohm resistor.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.



131570 Rectifier

Replacing: a13n229t, a13n22t, a13n4t, a13n5t, a13n61t, a14n28t, A14N3, a14n32t, a14n3t

50 **Amp/ diode**, **ID** 41.85, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/

330 Ohm resistor.



131573 Rectifier

Replacing: 593193, 593190, 592880, 106016, 105523, 105522, 104615

Servicing: a13n107, a13n108, a13n112, a13n117, a13n119, a13n164, a13n185, a13n81, a13n90, a14n132, a14n144, a14n152, a14n158

35 **Amp/ diode**, **ID** 46.00, **OD** 115.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/



131577# Rectifier

Replacing: nc126, 096314, 094450, 092734, 078810

Servicing: 2518044, 2541297, a11m10, a11m14, a12m1, a12m10, a12m18, a12m2, a12m3, a12m6, a12m7, A13V02, A13V07

35 **Amp/ diode**, **ID** 31.40, **OD** 97.60, **Mount. dist.** 65.00, **No./ diodes** 4, **Capacitor** w/o

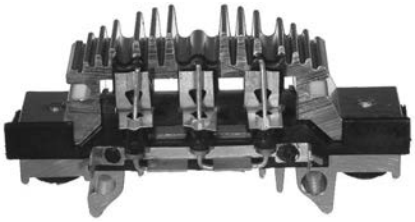


131578 Rectifier

Replacing: 092939, 092928, 092919, 092785, 092086

Servicing: a11r1, a11r2, a11r3, a11r4, a12r1, a12r10, a12r11, a12r12, a12r13, a12r14, a12r16, a12r17, a12r19, a12r2, a12r20

25 **Amp/ diode**, **ID** 43.50, **OD** 98.00, **Mount. dist.** 65.00, **B+ type** Spade, **No./ diodes** 6, **Capacitor** w/o

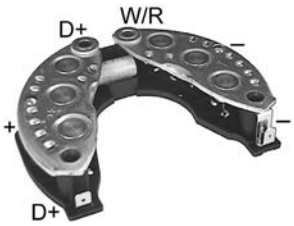


131698 Rectifier

Replacing: nb787, 592650, 592554, 2522175

Servicing: 2518057, 2565994, 2565995, 2927120, 2927550, 2929510, 2929580, 2929640, 2937130, 2937390, 2938680, 2939210, 2940275

35 **Amp/ diode**, **B+/ threaded** M6, **OD** 100.00, **Mount. dist.** 53.00, **No./ diodes** 6



131701 Rectifier

Replacing: 593309, 593199, 593188, 592754, 181155, 103551, 102556

Servicing: a13n140t, a13n143m, A13N147, a13n147m, a13n148m, a13n149m, a13n152m, a13n165, a13n186m, a13n190, a13n1m, a13n234

35 **Amp/ diode**, **ID** 39.50, **OD** 115.00, **Mount. dist.** 85.00, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/



132462 Rectifier

Servicing: 21EA00050

30 **Amp/ diode**, **ID** 59.75, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/

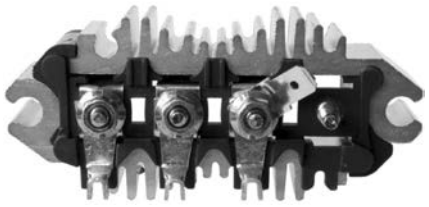


132985 Rectifier

Replacing: NC141, 592881, 105690, 105252

Servicing: a13n171, a13n88, a14n178, a14n62

35 **Amp/ diode**, **ID** 44.20, **OD** 115.00, **Mount. dist.** 85.00, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/

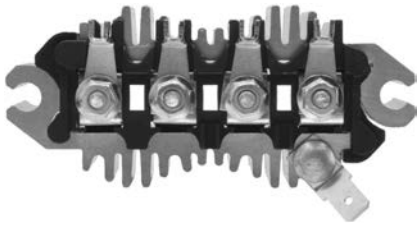


133432 Rectifier

Replacing: 300903

Servicing: 2518085, 2541178, 2541197, 2541329, 2541849, a14n104, a14n124, A14N138, a14n140, A14N160, a14n165, A14N205, a14n67

35 **Amp/ diode**, **OD** 87.00, **Mount. dist.** 75.00, **No./ diodes** 6, **Capacitor** w/o

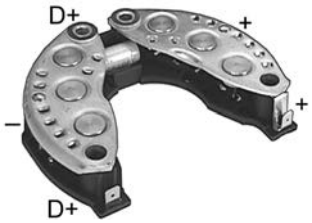


133433 Rectifier

Replacing: 300903

Servicing: 2518085, 2541178, 2541197, 2541329, 2541849, a14n104, a14n124, a14n138, a14n140, A14N160, a14n165, A14N205, a14n67

35 **Amp/ diode**, **OD** 87.00, **No./ diodes** 8, **Capacitor** w/o



133687 Rectifier

Replacing: 101713

Servicing: A13R259, A13R266, a14n11, a14n38, a14n71

50 **Amp/ diode**, **ID** 45.00, **OD** 116.00, **Mount. dist.** 86.80, **No./ diodes** 6, **Capacitor** w/



133689 Rectifier

Replacing: 593194, 300082, 105629, 105135, 100157

Servicing: a13n103, a13n106, a13n113, a13n114, a13n116, a13n120, a13n124, a13n125, a13n126, a13n127, a13n128, a13n146t, a13n159

35 **Amp/ diode**, **ID** 45.00, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/

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#Available while stock last, * Program development.

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133691[#] Rectifier

Replacing: 102817

Servicing: a13n62, a13n69, a13n76, a14n19, a14n37

35 **Amp/ diode**, **ID** 45.00, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/o



133741 Rectifier

Replacing: 597249, 592747, 592742, 592741, 2518407, 105814, 105813

Servicing: 2541171, a13n167, A13N177, A13N80, a13n95, a14n16

35 **Amp/ diode**, **ID** 41.00, **OD** 115.00, **Mount. dist.** 85.00, **Diode type** HD, **No./ diodes** 6, **Capacitor** w/o
82 Ohm resistor.



133882 Rectifier

Replacing: 592878, 592753

Servicing: 2541188, 2541189, 2541193, 2541365, 2541369, a13n184, a13n217, a14n139, a14n172

50 **Amp/ diode**, **ID** 45.00, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/



134098 Rectifier

Replacing: 592749

Servicing: 2541142, 2541180, 2541181, 2541182, 2541366, 2541367, 2541368, 2541489, 2541672, 2541695, a13n151, A13N167, a13n177

105 **Amp/ diode**, **ID** 45.00, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/



134707 Rectifier

Replacing: 592651

Servicing: 2541139, 2541154, 2541300, 2940130, 2940357, 2940361, 2940377

35 **Amp/ diode**, **B+/ threaded** M8/11.00, **ID** 60.00, **OD** 120.00, **B+ type** Screw, **No./ diodes** 12, **Capacitor** w/o



135278 Rectifier

Replacing: nf009, 593328, 592916

Servicing: 2541350, 2541355, 2541356, 2541356A, 2541360, 2541361, 2541362, 2541412, 2541455, 2541731, 2541732, 2541738, 2541738B

50 **Amp/ diode**, **B+/ threaded** M8/20.00, **OD** 107.00, **Mount. dist.** 80.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



135320 Rectifier

Replacing: 592838

Servicing: A13V02, A13V05, A13V07, a13v2, a13v5, a13v7

50 **Amp/ diode**, **OD** 96.00, **No./ diodes** 6



135427 Rectifier

Replacing: nf006, A546076A, 593186, 592917, 592844, 2590900, 2590884, 2546076, 2546062

Servicing: 2541348, 2541473, 2541658, 2541680, 2541683, 2541683A, 2541694, 2541694D, 2541696, 2541697, 2541697B, 2541775, 2541775A

14 **V**, 50 **Amp/ diode**, **B+/ threaded** M8/25.00, **OD** 107.00, **Mount. dist.** 65.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



135494 Rectifier

Replacing: 593163, 592845

Servicing: 2541298, 2541298A, 2541299, 2541299A, 2541447, 2541447A, 2541457, 2541457B, 2541458, 2541459, 2541461, 2541475, 2541655

50 **Amp/ diode**, **B+/ threaded** M8/25.00, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



135518 Rectifier

Replacing: nf007, A546860A, 592847, 592846, 545940, 2545941

Servicing: 2541262, 2541307, 2541307C, 2541307D, 2541308, 2541310, 2541311, 2541325, 2541339, 2541340, 2541344, 2541349, 2541359

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M6/M8/33.00, **OD** 107.00, **Mount. dist.** 80.00, **B+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o



136343 Rectifier

Replacing: 592840

Servicing: 2541341, a13n214, a13n243, A13N247, a13n269

35 **Amp/ diode**, **B+/ threaded** 1/4" UNF, **ID** 45.00, **OD** 116.00, **Mount. dist.** 85.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/o

All measurements are in mm, unless else stated.
O.E.M. names and numbers are used for reference purposes only.
[#]Available while stock last, ***** Program development.



136443 Rectifier

Servicing: ar150aa, ar150ar, AR150BA, AR150CA

25 **Amp/ diode**, **B+/ threaded** M6/40.95, **ID** 60.00, **OD** 110.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



136738 Rectifier

Replacing: A600C0231, 811875, 809162, 136738

Servicing: 893633, a000b0331, a000b0431, A0B09601, ac155513, AC155515, ac155603, ac155604, AC155614, ac155616, AC155907, ac165610

25 **Amp/ diode**, **B+/ threaded** 1/4" UNF, **ID** 50.00, **OD** 108.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



136883 Rectifier

Replacing: 592882

Servicing: 2541476, 2541624, 2542359, 2542514, A13N23, A13N236, A13N236M, a14n183m, A14N207M, a14n208m

35 **Amp/ diode**, **ID** 45.00, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/o



136939 Rectifier

Replacing: 592835

Servicing: 2521682, 2541115, A14V04, a14v13

35 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/54.00, **D+ threaded** M6/25.70, **ID** 43.00, **OD** 122.00, **Mount. dist.** 65.00, **B+ type** Screw, **D+ type** Screw, **W type** Spade, **No./ diodes** 12, **Capacitor** w/o



136943 Rectifier

Replacing: 592959

Servicing: 2541481, 2541498, 2541499, a14v12, a14v16, A14V18, a14v19

35 **Amp/ diode**, **B+/ threaded** M8/35.00, **D+ threaded** M6/23.00, **ID** 63.00, **OD** 126.00, **Mount. dist.** 100.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 12, **Capacitor** w/o



136966 Rectifier

Replacing: 592956

Servicing: 2541372, 2541428, 2541479, 2541480, 2541497, A14V07, A14V08, a14v10, a14v11, a14v14, a14v15, a14v17, a14v18, a14v8

35 **Amp/ diode**, **B+/ threaded** M8/34.40, **D+ threaded** M6/22.80, **ID** 63.00, **OD** 126.00, **Mount. dist.** 100.00, **B+ type** Screw, **D+ type** Screw, **No./ diodes** 12, **Capacitor** w/o



137164 Rectifier

Replacing: 592951, 2545564

Servicing: 2541712, 2541713, 2541714, a13n207, A13N274, A13N275, A13N276

35 **Amp/ diode**, **ID** 45.00, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/o



137524 Rectifier

Replacing: 893175, 593324, 593304, 593299, 593175

Servicing: 2541750, 2541875, 2541882, 2541883, 2541905, 2541908, 2541937, 2541938, 2541942, 2541945, 2541976, 2541977, 2541978

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M6/M8/27.00, **OD** 108.00, **Mount. dist.** 85.00, **B+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



138115# Rectifier

Replacing: NB136, 592893

Servicing: 2518028, 2541233, 2541234, 2541235, 2541236, 2541399, 2541619, A13E23, a13e25, A13E26, A13E50, A13E63, A13E66, A13E67

35 **Amp/ diode**, **B+/ threaded** M6/10.30, **OD** 101.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



138205 Rectifier

Replacing: ta600c04602

Servicing: ab190058, TA000A14501

30 **Amp/ diode**, **B+/ threaded** M6/22.50, **OD** 106.00, **Mount. dist.** 90.00, **B+ type** Screw, **Diode type** Press-fit, **No./ diodes** 8, **Capacitor** w/

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



138303 Rectifier

Replacing: 593329, 593306, 593174

Servicing: 2541609, 2541809, 2541809A, 2541848, 2541879, 2541880, 2541927, 2541928, 2541947, 2541953, 2541961, 2541963, 2542252

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/26.00, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.

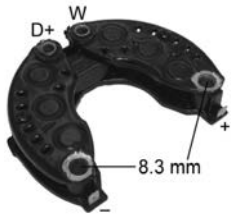


138596 Rectifier

Replacing: 592842

Servicing: 2541817, A11VI10, A13VI10, A13VI126, A13VI63

50 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M8/28.00, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



139443 Rectifier

Replacing: 593181

Servicing: 2541618, 2541635, 2541648, a14n182, a14n185, a14n190

ID 45.00, **OD** 116.00, **Mount. dist.** 85.00, **No./ diodes** 6, **Capacitor** w/



139472 Rectifier

Replacing: 593202, 2546041

Servicing: 2541711, 2541747, 2541760, 2541786, 2542262, 2542263, 2542267, 2542358, 2542376, A13VI261, A13VI274, A14VI10, A14VI11

50 **Amp/ diode**, **B+/ threaded** M8/25.00, **OD** 107.00, **Mount. dist.** 80.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



139481 Rectifier

Replacing: 593420, 593320

Servicing: 2541922, 2541968, 2542286, 2542291, 2542347, 2542394, 2542396, 2542397, 2542398, 2542399, 2542400, 2542428, 2542429

32 **Amp/ diode**, **B+/ threaded** M8/25.00, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



139483 Rectifier

Replacing: 593205, 2548083

Servicing: 2541873, 2541916, 2542415, 2542416, 2809249, 2809253, A14VI19, A14VI20, HD90S010, HD90S011, HD90S016ZD, HD90S018ZD

50 **Amp/ diode**, **B+/ threaded** M8/26.00, **D+ threaded** M5/12.00, **OD** 107.00, **Mount. dist.** 85.00, **B+ type** Screw, **D+ type** Screw, **Diode type** Avalanche, **No./ diodes** 6
w/ terminal W.



139763 Rectifier

Servicing: ad165202, ad165206, ad165320, ad165320q, ad165321, AD165321Q, ad165439, AD165440, ad165454, ad165471

B+/ threaded M6/44.50, **OD** 90.00, **Mount. dist.** 75.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/



230031 Rectifier

Replacing: 593366, 593364, 593351, 593348, 593327, 593204

Servicing: 2541884, 2541912, 2541946, 2541954, 2541962, 2541980, 2541997, 2541998, 2542251, 2542265, 2542275, 2542294, 2542516

28 **Zener V**, 35 **Amp/ diode**, **B+/ threaded** M8/31.00, **OD** 107.00, **Mount. dist.** 80.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



231166 Rectifier

Replacing: 593167

Servicing: 2541678, 2541678B, 2541678C, 2541679, 2541679C, a13vi72, a13vi73

35 **Amp/ diode**, **B+/ threaded** M8/33.50, **OD** 108.00, **Mount. dist.** 80.00, **B+ type** Screw, **No./ diodes** 8, **Capacitor** w/o

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O.E.M. names and numbers are used for reference purposes only.
Available while stock last, * Program development.

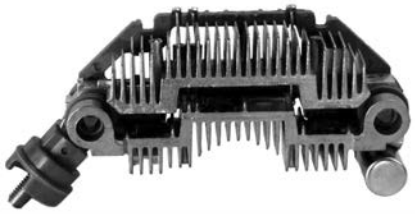


231396 Rectifier

Replacing: 593172, 591372

Servicing: 2541808, 2541813, 2541858, 2541899, 2541903, 2541906, 2541914, 2541981, 2541982, 2541988, 2542224, 2542364, 2542365

32 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M6/27.00, **OD** 108.00, **Mount. dist.** 85.00, **B+ type** Screw, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



231426 Rectifier

Servicing: ab170094, ab180140

30 **Amp/ diode**, **B+/ threaded** M6/10.50, **OD** 106.00, **Mount. dist.** 90.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



231736 Rectifier

Replacing: NF017, NF016, A546062A, 592915, 2523972, 2521487

Servicing: 2541417, 2541417K, 2541494, 2541815, 2541815A, 2541815B, 2541821, a11vi21, a11vi22, a11vi35, a11vi36, a11vi62, a11vi66

50 **Amp/ diode**, **B+/ threaded** M8/23.00, **OD** 107.00, **Mount. dist.** 80.00, **B+ type** Screw, **No./ diodes** 6, **Capacitor** w/o



232044 Rectifier

Replacing: 593431

Servicing: 2542433, 2542479, 2542493, 2542813, 2542814, 2542815, 549277, HD90S013, HD90S013ZD, HD90S014, HD90S014ZD, HD90S015

28 **V**, 50 **Amp/ diode**, **W thread** M5/12.00, **B+/ threaded** M8/31.00, **OD** 108.00, **Mount. dist.** 65.00, **B+ type** Screw, **W type** Screw, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o
w/ terminal W.



232199 Rectifier

Replacing: 593499, 593287, 2809020, 2809019

Servicing: 2541834, 2541840, 2542228, 2542351, 2542500, 2542531, 2542615, 2542619, A14VI15, A14VI16, A14VI27, A14VI35, A14VI41

50 **Amp/ diode**, **B+/ threaded** M8/13.00, **OD** 102.00, **Mount. dist.** 71.00, **B+ type** Screw, **Diode type** Avalanche, **No./ diodes** 12, **Capacitor** w/o



233447 Rectifier

Replacing: 267400

Servicing: 219139

OD 98.50, **Mount. dist.** 53.00, **No./ diodes** 6, **Capacitor** w/o



233484 Rectifier

25 **Amp/ diode**, **OD** 88.00, **Mount. dist.** 53.00, **No./ diodes** 8, **Brush gear** w/o, **Capacitor** w/o



233614 Rectifier

Replacing: 593502, 593345

Servicing: 2542201, 2542203, 2542264, 2542343, 2542538, 2542602, 2542605, 2542662, 2542686, A14VI134, a14vi23, A14VI25, A14VI29

B+/ threaded M8/12.00, **OD** 102.00, **Mount. dist.** 65.00, **B+ type** Screw, **No./ diodes** 12, **Capacitor** w/o



234653 Rectifier

Replacing: TA600C13301

Servicing: ab180128, ta000a39101, TA000A48401, TA001A33001

35 **Amp/ diode**, **B+/ threaded** M8/25.00, **Mount. dist.** 90.00, **B+ type** Screw, **Diode type** Zener, **No./ diodes** 6



235027 Rectifier

Replacing: 266000

Servicing: 7SI, TA000A30601

50 **Amp/ diode**, **B+/ threaded** M6/23.00, **Diode type** Avalanche, **No./ diodes** 6

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



235258 Rectifier

Replacing: 593165

Servicing: 2541717, A13VI82

32 **Amp/ diode**, **B+/ threaded** M8/34.00, **OD** 108.00, **Diode type** Avalanche
w/ terminal W.



235270 Rectifier

Replacing: 593337, 593293

Servicing: 2541842, 2542202, a13vi201, a14vi18, a14vi24

24-32 **Zener V**, 32 **Amp/ diode**, **B+/ threaded** M8/33.50, **OD** 108.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 8, **Capacitor** w/o
w/ terminal W.



235354# Rectifier

Replacing: 593206

Servicing: A13VI113

32 **Amp/ diode**, **W thread** 6.30, **B+/ threaded** M6, **OD** 108.00, **B+ type** Bolt, **W type** Spade, **Diode type** Avalanche, **No./ diodes** 8
w/ terminal W.



235386 Rectifier w/ S.R.E. Bracket

Replacing: 593393

Servicing: 2542317, 2542319, 2542320, 2542345, 2542509, 2542572, 2542582, 2542738, 2542739, 2543369, SG12B021, SG12B022, SG12B023

14 **V**, **B+/ threaded** M8/11.66, **OD** 96.64, **No./ diodes** 3
Bearing: HC-CARGO 142272. Rectifier: HC-CARGO 332057.



235454# Rectifier w/ S.R.E. Bracket

Replacing: 593475

Servicing: 2542342, 2542481, 2542540, sg7s010, SG7S012, sg7s013, SG7S028, SG7S074

14 **V**, **ID** 118.00, **OD** 130.20, **No./ diodes** 3
Bearing: HC-CARGO 142282. Rectifier: HC-CARGO 332196.



235465 Rectifier w/ S.R.E. Bracket

Replacing: 595362

Servicing: 2542663, 2542664, 2542818, 2542945, 2543206, 2543207, 2543342, 2543552, 2543552A, 2543560, 2543562, 2543563, 2543563B

110 **Amp/ diode**
Bearing: HC-CARGO 142272. Rectifier: HC-CARGO 330499.



235517 Rectifier

Servicing: 2542483, 2542484, 2542485, 2542678, 2542920, 2607208, sg7s014, sg7s016, SG7S024, TG7S010, TG7S014

19/24 **Zener V**, 50 **Amp/ diode**, **B+/ threaded** M8/15.00, **OD** 116.16, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6, **Capacitor** w/o



235518 Rectifier

Servicing: 2542310, 2542471, sg12b020, sg12b045

32-40 **Zener V**, 50 **Amp/ diode**, **W thread** M4/12.00, **B+/ threaded** M8/14.00, **ID** 25.00, **OD** 108.00, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 3, **Capacitor** w/o
w/ terminal W.

NEW PRODUCT
www.hc-cargo.com

235521 Rectifier

Servicing: 2542240, 2542257, 2542258, 2542259, 2542260, 2542279, 2542280, 2542281, 2542282, 2542379, 2542840, SG9B069

B+/ threaded M8/14.30, **OD** 138.94, **B+ type** Bolt, **No./ diodes** 6



235555 Rectifier

Replacing: 593547

Servicing: 2542225, 2542227, 2542238, 2542239, 2542323, 2542420, 2542507, 2542548, 2542577, 2542578, 2542746, 2542747, 593439

B+/ threaded M8/14.50, **OD** 109.00, **No./ diodes** 3



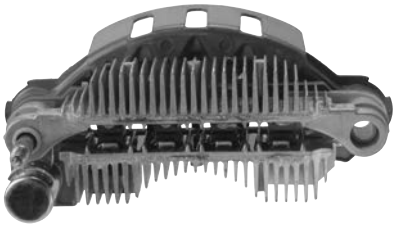
235558 Rectifier

Replacing: 593512

Servicing: 2542427, 2542524, 2542771, a11vi109, sg15l012, SG15L026

50 **Amp/ diode**, **B+/ threaded** M8/19.30, **OD** 108.00, **Diode type** Avalanche, **No./ diodes** 8

Alternative no.: 333330 5★



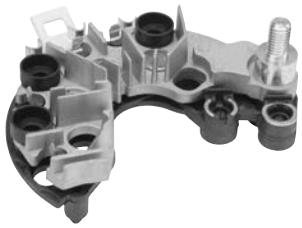
235565 Rectifier

Servicing: AF111225, AF111390

14 **V**, 40 **Amp/ diode**, **No./ diodes** 8

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

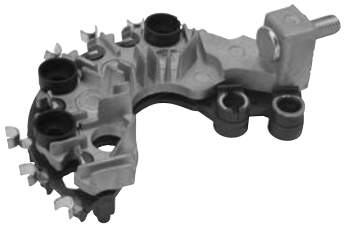


235652 Rectifier

Replacing: 593369

Servicing: 2542232, 2542233, 2542234, 2542295, 2542298, 2542324, 2542497, 2542508, 2542546, 2542587, 2542680, 2574347, SG12B012

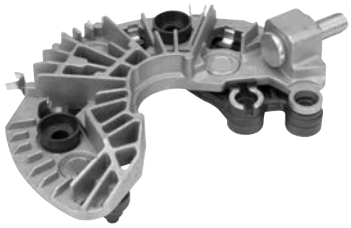
24 **Zener V**, **B+/ threaded** M8/14.00, **OD** 108.00, **Diode type** Avalanche, **No./ diodes** 3, **Capacitor** w/o



235653 Rectifier

Servicing: 2542486, 2542487, 2542488, 2542489, 2542490, 2542491, 2542793, 2542794, 2542802, 2542803, 2543210, 2809464

19-25 **Zener V**, 35 **Amp/ diode**, **B+/ threaded** M8/15.20, **OD** 115.80, **B+ type** Bolt, **Diode type** Zener, **No./ diodes** 6, **Capacitor** w/o



235654 Rectifier

Servicing: 2542556, 2542557, 2542564, 2542681, 2542684, 2542693, 2542704, 2542705, 2542725, 2542726, 2542769, 2542772, 2542832

B+/ threaded M8/15.00, **OD** 114.00, **B+ type** Bolt



235752 Rectifier

Replacing: 593438

Servicing: 2542496, SG14B011

B+/ threaded M8/11.00, **OD** 108.00, **No./ diodes** 6



235754 Rectifier

Replacing: 593201

Servicing: 2541770, A13VI97

B+/ threaded M8/26.00, **OD** 108.00, **B+ type** Bolt, **No./ diodes** 6, **Capacitor** w/o



235841 Rectifier

14 **V**, **B+/ threaded** M8x1.25/17.00, **OD** 116.00, **Mount. dist.** 68.00, **B+ type** Bolt, **Diode type** Avalanche, **No./ diodes** 6



235867 Rectifier w/ S.R.E. Bracket

Replacing: 593797

Servicing: TG14C014, TG15C091, TG15C125, TG17C010, TG17C010B, tg17c011, TG17C020, tg17c048

ID/ bearing hole 35.00



235886 Rectifier

Servicing: 2542466, sg10b019

50 **Zener V**, 4 **Amp/ diode**, **B+/ threaded** M8x1.25/14.00, **ID** 32.50, **OD** 107.00, **Mount. dist.** 68.00, **B+ type** Bolt, **Diode type** Press-fit, **No./ diodes** 8



236100 Rectifier

Servicing: 2542736, 2542736A, 2543302, TG7S012

B+/ threaded M6/13.00, **OD** 108.00, **B+ type** Bolt, **No./ diodes** 3

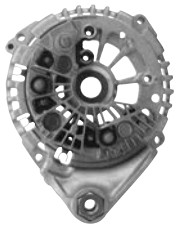


236305 Rectifier

Replacing: 593667

Servicing: 2542637, 2542751, 2542819, 2543343, 2543344, 2543595, 2543595A, 2543596, 2543596A, 2543596B, SG15L013, sg15l020

50 **Amp/ diode**, **B+/ threaded** M8, **Diode type** Avalanche, **No./ diodes** 8



236602 Rectifier w/ S.R.E. Bracket

Replacing: 593788

Servicing: tg15c012, TG15C018

14 **V**, **B+/ threaded** M8/14.80, **OD** 116.00, **B+ type** Bolt

Bearing: HC-CARGO 142272. Rectifier: HC-CARGO 239019.



236997 Rectifier

Servicing: 2542671, 2542671A, 2542841, 2542850, 2542851, 2543480, 2543480A, 2606333, tg8s010, TG8S012, TG8S013, TG8S014

14 **V**, 3-50 **Amp/ diode**, **B+** M8, **B+/ threaded** M8x1.25/15.00, **OD** 112.00, **Mount. dist.** 75.00, **B+ type** Bolt, **Diode type** Press-fit, **No./ diodes** 3, **Brush gear** w/o

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



237155 Rectifier w/ S.R.E. Bracket

Servicing: 2542689, 2655517, A0002655517, SG7S025, TA000A55601

14 **V**, 24 **Zener V**,
B+/ threaded M8/31.50, **D+ threaded** M8,
Mount. dist. 70.00, **B+ type** Bolt,
Diode type Zener, **No./ diodes** 3
Bearing: HC-CARGO 142282. Rectifier: HC-CARGO 332770.

NEW PRODUCT
www.hc-cargo.com

238203 Rectifier

Mount. dist. 100.00, **No./ diodes** 8

NEW PRODUCT
www.hc-cargo.com

239807*

Replacing: 593460

Servicing: A14VI36

B+/ threaded M8/17.48,
Mount. dist. 70.00, **B+ type** Bolt,
Diode type Zener, **No./ diodes** 6,
Capacitor w/o

NEW PRODUCT
www.hc-cargo.com

330275* Rectifier

Servicing: 2543457, 2543461, fg18s017, fg18s019

14 **V**, 20-26 **Zener V**, 50 **Amp/ diode**,
B+/ threaded M8/14.80, **OD** 112.38,
B+ type Bolt, **Diode type** Zener,
No./ diodes 12, **Capacitor** w/o



330499 Rectifier

Servicing: 2542663, 2542696, 2542731, 2542818, 2542855, 2542897, 2542926, 2542927, 2543206, 2543207, 2543208, 2543291, 2543342

14 **V**, **B+** M8, **B+/ threaded** M8/14.61,
ID 36.00, **OD** 107.50,
Mount. dist. 70.00, **B+ type** Bolt,
Diode type Zener, **No./ diodes** 3

NEW PRODUCT
www.hc-cargo.com

330503 Rectifier

Servicing: 2542897, 2542927, 2543488, 2543509, TG8S017, TG8S019, tg8s024, tg8s025, TG9B042

14 **V**, **B+/ threaded** M8/14.86, **OD** 107.17,
Mount. dist. 70.00, **B+ type** Bolt,
Diode type Zener, **No./ diodes** 3



331003 Rectifier

Replacing: 546351

12 **V**, 28 **Zener V**, 35 **Amp/ diode**,
B+/ threaded M8/31.00, **OD** 107.00,
Mount. dist. 80.00, **B+ type** Screw,
Diode type Avalanche, **No./ diodes** 6,
Capacitor w/o
w/ terminal W.

NEW PRODUCT
www.hc-cargo.com

332101* Rectifier

Servicing: 2543248, 2543248A, 2543498, 2543498B, TG17C041, tg17c061

14 **V**, 19-25 **Zener V**, 65 **Amp/ diode**,
B+/ threaded M8/18.35, **OD** 116.30,
Mount. dist. 68.00, **B+ type** Bolt,
Diode type Zener, **No./ diodes** 3,
Capacitor w/o



332114 Rectifier

Servicing: 2543426a, tg12c037

14 **V**, 22 **Zener V**, 45 **Amp/ diode**,
B+/ threaded M8/15.00, **OD** 107.50,
Mount. dist. 68.00, **B+ type** Bolt,
Diode type Zener, **No./ diodes** 3,
Brush gear w/o, **Capacitor** w/o

NEW PRODUCT
www.hc-cargo.com

332248* Rectifier

Servicing: 2543370, tg12c033

14 **V**, 22 **Zener V**,
B+/ threaded M8/14.80, **OD** 107.40,
B+ type Bolt, **Diode type** Zener,
No./ diodes 3, **Capacitor** w/o



333330 5★ Rectifier

Manufacturer: Bosch

Replacing: 593512

50 **Amp/ diode**, **B+** 19.20,
B+/ threaded M8, **ID** 60.00, **OD** 108.00,
Mount. dist. 83.50, **B+ type** Bolt,
No./ diodes 8, **Brush gear** w/o
Alternative no.: 235558

NEW PRODUCT
www.hc-cargo.com

333374* Rectifier w/ S.R.E. Bracket

Replacing: 595437

Servicing: 2607703a, FG18T033, tg14c026

14 **V**
Bearing: HC-CARGO 142272. Rectifier: HC-CARGO 330900.

O.E.M. names and numbers are used for reference purposes only.

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#Available while stock last, * Program development.

NEW PRODUCT
www.hc-cargo.com

333661* Rectifier

Servicing: 2655447

14 **V**, 35 **Amp/ diode**,
B+/ threaded M8/15.70, **OD** 106.85,
B+ type Bolt, **Diode type** Zener,
No./ diodes 6, **Capacitor** w/o

100 mm



137486 Rectifier

Replacing: A600C0211

Servicing: ab111033, ab111057

14 **V**, 30 **Amp/ diode**,
B+/ threaded M6/22.00, **OD** 120.00,
Mount. dist. 100.00, **B+ type** Screw,
No./ diodes 8, **Capacitor** w/

Rectifier Parts

Terminals

Pkg. 10



133739 Terminal Bolt

Servicing: a14n11

Thread size M5, **Total length** 50.00,
Thread length 47.55

Pkg. 10



134793 Terminal Bolt

Servicing: 2181693, 2181762, 2518039, 2518085, 2541147, 2541168, 2541174, 2541191, 2541197, 2541202, 2541204, 2541226, 2541248

Thread size M6, **Thread length** 50.00
B+.

Pkg. 10



137578 Terminal Bolt

Servicing: 2181727, 2181730, 2183106, 2541116, 2541118, 2541119, 2541121, 2541122, 2541124, 2541142, 2541151, 2541156, 2541160

Thread size M5, **Total length** 51.00,
Thread length 46.00
B+.

Pkg. 10



233593 Insulator

Servicing: 592845

Length 100.90, **Thickness** 0.20,
Width 19.50, **No./ mount. holes** 3

Pkg. 5



234008 Terminal BOlt

Servicing: 2181693, 2181761, 2181991, 2183106, 2518039, 2518058, 2522104, 2541147, 2541180, 2541199, 2541204, 2541324, 2541403

Thread size M5, **Total length** 40.50,
Thread length 11.80

Pkg. 5



234009 Terminal Bolt

Servicing: 2541147, 2541156, 2541327, 2541713, 2541768, A13N171, A13N229T, A13N22T, a13n275, a13n28, A13N281, A13N33, A13N4T

Thread size M5, **Total length** 50.00,
Thread length 23.15

Pkg. 5



234010 Terminal Bolt

Servicing: 2181726, 2181727, 2181730, 2183106, 2518058, 2541116, 2541117, 2541118, 2541119, 2541120, 2541121, 2541122, 2541124

Thread size M6, **Total length** 52.20,
Thread length 21.80

Pkg. 5



234012 Terminal Bolt

Servicing: 2541169, 2541171, 2541363, 2541618, 2541635, 2541648, A13N129, A13N175, A13N177, a13n215, A14N182, A14N185, a14n190

Thread size M5
KNURL O.D. 5.50 mm.

Pkg. 5



234013 Terminal Bolt

Servicing: 2541169, 2541171, 2541180, 2541363, 2541366, 2541489, 2541672, A13N129, A13N175, A13N177, A13N181, a13n215, A13N218

Thread size M6
KNURL O.D. 6.50 mm.

Pkg. 10



235230 Terminal Bolt

Servicing: 2518085, 2541197, 2541329, A14N1, a14n124, a14n140, a14n160, A14N2, a14n73, a14n75

Thread size M6, **OD** 9.90/7.80,
Collar length 39.80, **Thread length** 35.80,
Height 42.60, **Material** Brass
B+ terminal.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



235397 Terminal

Servicing: 2542294, a13vi241

Pkg. 10



236205 Terminal Bolt W

Servicing: 2541178, 2541329, a14n104, a14n138, a14n160

Thread size M4, **Total length** 17.10, **Thread length** 6.10

Pkg. 10



236206 Terminal Bolt D+

Servicing: 2541178, 2541329, a14n104, a14n138, a14n160

Thread size M5, **Total length** 17.00, **Thread length** 6.00
D+.

Various

Pkg. 10



235215# Nut

Servicing: 2181693, 2181761, 2181991, 2518039, 2518085, 2522104, 2541197, 2541199, 2541403, 2541476, 2541618, 2541624, 2541635

Thread size M5, **ID** 0.60/0.40, **OD** 10.00, **Height** 10.00, **Colour** Yellow, **Material** Brass

Pkg. 10



235216 Nut

Servicing: 2181693, 2181761, 2181991, 2518039, 2522104, 2541147, 2541199, 2541204, 2541324, 2541403, 2541476, 2541618, 2541624

Thread size/ internal M5, **Thread size/ external** M4, **Total length** 17.24

Pkg. 10



235217 Nut

Servicing: 2181693, 2181726, 2181727, 2181730, 2181761, 2181991, 2183106, 2518039, 2522104, 2541117, 2541118, 2541119, 2541120

ID M5, **OD** 10.00, **Height** 7.00, **Material** Steel



235379# Condenser

Servicing: 2518085, 2541178, 2541197, 2541329, a14n104, a14n124, a14n138, a14n140, a14n160, a14n67, a14n73, a14n75

Length 26.30, **Height** 6.88, **Width** 15.42
100 V. 4.70 mμ.

Pkg. 10



236699 Bolt

Servicing: 2541178, 2541329, A14N104, A14N138, a14n160

Thread size M8, **Total length** 25.07, **Thread length** 14.56

Pkg. 10



238001 Connection

Servicing: 2541834, 2541840, 2541841, 2542203, 2542228, 2542312, 2542343, 2542351, 2542402, 2542500, 2542538, 2542602, 2542605

Mount hole 4.35, **Mount. hole 2** 5.60, **Total length** 23.25

Bearings

Special Bearings

Pkg. 10



140263 Ball Bearing

Replacing: 593674, 592936, 592905

Servicing: 2518044, 2518046, 2541297, 2541658, 2541665, 2541665B, 2541665C, 2541680, 2541683, 2541683A, 2541696, 2541703, 2541711

ID 17.00, **OD** 52.00, **Height** 17.00
Alternative no.: B140263

Pkg. 5



140401 Ball Bearing

Replacing: 102130

Servicing: 2104264, 2181762, 2181991, 2522104, 2541168, 2541199, 2541476, 2541624, 2541828, 2541850, 2542359, 2542514, A13N166

ID 17.00, **OD** 62.00, **Height** 17.00

O.E.M. names and numbers are used for reference purposes only.

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#Available while stock last, * Program development.

Pkg. 10



140441 Ball Bearing

Replacing: 593690, 592866

Servicing: 2541262, 2541298, 2541298A, 2541299, 2541299A, 2541308, 2541310, 2541311, 2541321, 2541339, 2541340, 2541344, 2541348

ID 15.00, **OD** 32.00, **Height** 11.00

Pkg. 10



140839 Ball Bearing

Replacing: 593691

Servicing: 2541680, 2541683, 2541683A, 2541775, 2541775A, 2541775B, 2541776, 2541839, 2541839A, 2541911, 2541920, 2541960

ID 15.00, **OD** 40.00, **Height** 12.00

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142312 Ball Bearing

Replacing: 593691

Servicing: 2541680, 2541683, 2541683A, 2541775, 2541775A, 2541775B, 2541776, 2541911, a13vi100, a13vi170, a13vi74, a13vi75

ID 15.00, **OD** 40.00, **Height** 12.00

Fans & Pulleys

Fans



133091 Fan

Replacing: 592904, 590553, 2590553, 101042, 079627

Servicing: 2104248, 2181693, 2181726, 2181727, 2181730, 2518017, 2518039, 2518044, 2518046, 2518058, 2541117, 2541118, 2541119

OD 135.00, **Bore dia.** 17.00, **Height** 14.40, **Fans** 12, **Pulley** w/o



234017 Fan

Replacing: 592955

Servicing: 2541372, 2541428, 2541479, 2541480, 2541481, 2541497, 2541498, 2541499, A14V07, A14V08, A14V14, A14V15, a14v16, A14V17

OD 153.00, **Bore dia.** 17.00, **Height** 16.45, **Fans** 12, **Pulley** w/o

Pulleys



131842 Pulley

Replacing: 105383

Servicing: 2541119, 2541142, 2541181, 2541188, 2541189, 2541193, 2541247, 2541365, 2541367, 2541369, 2541447, 2541447A, 2541466

OD 56.00, **Bore dia.** 17.00, **Width** 23.20, **Depth** 14.00, **Pulley type** SP, **Grooves** 5



131844 Pulley

Replacing: 593718

Servicing: 2541410, 2541412, 2541416, 2541416F, 2541683, 2541683A, 2541776, 2541815, 2541815A, 2541815B, 2541839, 2541839A

OD 50.00, **Bore dia.** 17.00, **Dist./ back** 7.50, **Width** 38.00, **Depth** 32.20, **Pulley type** SP, **Grooves** 6



131845 Pulley

Replacing: 592898

Servicing: 2518044, 2518046, 2541297, 2541680, 2541775, 2541775A, 2541775B, 2541838, 2541838A, 2541919, 2541959, 2541992, A13V02

OD 55.20, **Bore dia.** 17.00, **Width** 38.20, **Depth** 33.70, **Pulley type** SP, **Grooves** 6



133624 Pulley

Replacing: 104377

Servicing: a13n275, a13n29, a13n86, a14n40

OD 68.10, **Bore dia.** 17.00, **Width** 20.30, **Depth** 10.80, **Pulley type** SP, **Grooves** 4



133626# Pulley

Replacing: 181736

Servicing: 2181726, 2181727, 2541120, 2541331, 2541384, 2541467, a13n136, a13n137, a13n139, a13n160, A13N210, A13N226, A13N27

OD 67.80, **Bore dia.** 17.00, **Dist./ back** 2.00, **Width** 27.90, **Depth** 16.00, **Pulley type** SP, **Grooves** 5

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133742 Pulley

Replacing: 181202

Servicing: 2541112, 2541121, 2541151, 2541159, 2541173, 2541202, 2541245, 2541248, 2541354, 2541424, 2541443, 2541444, 2541445

OD 54.60, **Bore dia.** 17.00, **Width** 29.00, **Depth** 18.00, **Pulley type** SP, **Grooves** 6



133870 Pulley

Replacing: 105760

Servicing: 2541122, 2541124, 2541127, 2541230, 2541313, 2541327, 2541328, 2541460, A13N161, a13n162, a13n164, a13n206, A13N209

OD 59.80, **Bore dia.** 17.00, **Width** 29.50, **Depth** 18.40, **Pulley type** SP, **Grooves** 6



133936 Pulley

Replacing: 096880

Servicing: 10SI, 12SI, 15SI, 17SI, CS130, 2181730, 2518058, 2541225, 2541298, 2541298A, 2541465, 2541471, 2940347, 2940426

OD 65.00, **Bore dia.** 17.00, **Width** 16.50, **Depth** 6.30, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



134919 Pulley

Replacing: 593215, 183125

Servicing: 2541174, 2541446, 2541478, 2541491, A13N138, A13N179, A13N233, A13N238, A13N242, a13vi113, a13vi122, a13vi22

OD 54.90, **Bore dia.** 17.00, **Width** 19.00, **Depth** 7.65, **Pulley type** SP, **Grooves** 3



135057 Pulley

Replacing: 592899

Servicing: 2541290, 2541400

OD 93.65, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 20.00, **Depth** 7.90, **Belt type** B=12.5, **Pulley type** P, **Grooves** 1



135512 Pulley

Replacing: 592928

Servicing: 2541310, 2541393, 2541393E, 2541602, 2541602A, 2541602F, A11VI28, a13vi16, a13vi34

OD 58.20, **Bore dia.** 17.00, **Width** 38.50, **Depth** 24.00, **Pulley type** SP, **Grooves** 3



135519 Pulley

Replacing: 593741, 592930

Servicing: 2541361, 2541362, 2541603, 2541732, 2541750, 592800, A11VI17, a11vi18, a11vi29, a11vi30, a11vi48, a11vi54, a13vi48

OD 56.00, **Bore dia.** 17.00, **Dist./ back** 7.45, **Width** 25.00, **Depth** 10.15, **Pulley type** SP, **Grooves** 4



135520 Pulley

Replacing: 592756, 101978

Servicing: 2541171, 2541180, 2541182, 2541350, 2541366, 2541368, 2541455, 2541489, 2541672, a13n151, a13n177, a13n181, a13n183

OD 56.10, **Bore dia.** 17.00, **Width** 23.00, **Depth** 11.40, **Pulley type** SP, **Grooves** 4



135530 Pulley

Replacing: 592927

Servicing: 2541308, 2541311, 2541394, 2541613, A11VI31, A13VI14, a13vi17, A13VI35

OD 60.00, **Bore dia.** 17.00, **Width** 42.00, **Depth** 27.00, **Pulley type** SP, **Grooves** 4



135562 Pulley

Replacing: 593759, 593696, 592932

Servicing: 2541348, 2541473, 2541760, 2541840, a13vi24, a13vi69, a14vi13, a14vi16, a14vi31

OD 62.90, **Bore dia.** 17.00, **Width** 25.10, **Depth** 18.65, **Pulley type** SP, **Grooves** 6



135744 Pulley

Replacing: 101344

Servicing: 2181693, 2541777, A13N140, A13N140T, a13n21t, A13N229T, A13N22T, A13N283, A13N283M, A13N4T, A13N56M, A13N5T

OD 82.00, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 30.80, **Depth** 22.80, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



135745 Pulley

Replacing: 593733

Servicing: 2541355, 2541356, 2541356A, 2541360, 2541458, 2541459, 2541461, 2541710, 2541710B, 2541731, 2541735, 2541738, 2541738B

OD 62.50, **Bore dia.** 17.00, **Dist./ back** 3.90, **Width** 28.60, **Depth** 13.00, **Pulley type** SP, **Grooves** 6

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136040 Pulley

Servicing: AB165014, AB165040, AB170035

OD 60.10, **Bore dia.** 15.00, **Dist./ back** 1.20, **Width** 21.50, **Depth** 9.25, **Pulley type** SP, **Grooves** 4



136150 Pulley

Replacing: 592925

Servicing: 2541349, a13vi25

OD 57.50, **Bore dia.** 17.00, **Dist./ back** 3.60, **Width** 53.60, **Depth** 38.25, **Pulley type** SP, **Grooves** 6



136153 Pulley

Replacing: 592922

Servicing: 2541359, 2541485, 2541600, 2541610, 2541610G, 2541641, 2541642, 2541642G, 2541792, 2541808, 2541813, 2541858, 2541875

OD 54.60, **Bore dia.** 17.00, **Dist./ back** 5.60, **Width** 33.30, **Depth** 18.70, **Rotation** CR/ACR, **Pulley type** SP, **Grooves** 6



136154 Pulley

Replacing: 592923

Servicing: 2541339, 2541340, a13vi20, a13vi21

OD 61.70, **Bore dia.** 17.00, **Width** 34.40, **Depth** 20.50, **Pulley type** SP, **Grooves** 4



136198 Pulley

Replacing: 592885

Servicing: 2541258, 2541259, A13N204, a14n156

OD 64.00, **Bore dia.** 17.00, **Width** 23.30, **Depth** 12.00, **Pulley type** SP, **Grooves** 3



136349 Pulley

Replacing: 593704

Servicing: 2541655, 2541684, 2541720, 2541725, 2541726, 2541764, 2541793, 2541793A, 2541863, 2542375, A11VI38, A11VI44, a11vi45

OD 56.00, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 25.60, **Depth** 11.50, **Pulley type** SP, **Grooves** 5



136350 Pulley

Replacing: 593740

Servicing: 2541604, 2541608, a11vi30, a13vi163, a13vi55

OD 62.00, **Bore dia.** 17.00, **Dist./ back** 5.90, **Width** 26.10, **Depth** 11.25, **Pulley type** SP, **Grooves** 4



136351 Pulley

Replacing: 593701

Servicing: 2541678, 2541678B, 2541678C, 2541679, 2541679C, 2541927, 2541928, 2542855, 2543561, 2543561A, A11VI81, a13vi179

OD 54.30, **Bore dia.** 17.00, **Dist./ back** 5.30, **Width** 39.40, **Depth** 22.50, **Pulley type** SP, **Grooves** 6



136937 Pulley

Replacing: 593602

Servicing: 2541494, 2541617, 2541617A, 2541617B, 2541811, 2541811A, 2541835, 2541861, 2541912, 2541941, 2542377, 2542379, 2542432

OD 49.80, **Bore dia.** 17.00, **Dist./ back** 8.30, **Width** 49.10, **Depth** 34.40, **Pulley type** SP, **Grooves** 6



136958 Pulley

Replacing: 593758, 593757, 593702

Servicing: 2541457, 2541457B, 2541475, 2541665, 2541665B, 2541665C, 2541703, 2541711, 2541733, 2541741, 2541741B, 2541747, 2541765

OD 56.00, **Bore dia.** 17.00, **Dist./ back** 3.90, **Width** 30.00, **Depth** 17.90, **Pulley type** SP, **Grooves** 6



137031 Pulley

Replacing: 592919

Servicing: 2541321, 2541694, 2541694D, 2541848, 2541884, a13vi130, a13vi150, a13vi176, a13vi18, a13vi76

OD 48.10, **Bore dia.** 17.00, **Dist./ back** 6.20, **Width** 30.20, **Depth** 15.15, **Pulley type** SP, **Grooves** 5

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137248[#] Pulley

Replacing: 592961

Servicing: 2541479, 2541480, 2541481, 2541497, 2541498, 2541499, A14V14, A14V15, A14V16, A14V17, a14v18, a14v19

OD 57.00, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 33.00, **Depth** 27.00, **Pulley type** SP, **Grooves** 6



137701 Pulley

Replacing: 593750

Servicing: 2541625, 2541643, a13vi62, a13vi66

OD 55.00, **Bore dia.** 17.00, **Dist./ back** 3.80, **Width** 42.90, **Depth** 28.15, **Pulley type** SP, **Grooves** 6



138482 Pulley

Servicing: AB175019, AB175051, ab175054, AB175068, ar175aa

OD 59.80, **Bore dia.** 15.00, **Dist./ back** 1.85, **Width** 19.40, **Depth** 7.90, **Pulley type** SP, **Grooves** 4



138483 Pulley

Servicing: ab175053

OD 65.00, **Bore dia.** 17.00, **Dist./ back** 1.99, **Width** 22.50, **Depth** 11.00, **Pulley type** SP, **Grooves** 4



138657 Pulley

Replacing: 593747, 593746

Servicing: 2541788, 2541788E, 2541789, 2541937, 2541938, 2541942, 2541979, 2541984, 2541985, 2542366, 2542367, 2542368, a11vi105

OD 63.80, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 28.00, **Depth** 12.80, **Pulley type** SP, **Grooves** 3



139136 Pulley

Replacing: 593711

Servicing: 2541856, 2541895, a13vi138, a13vi156

OD 55.90, **Bore dia.** 17.00, **Dist./ back** 7.90, **Width** 35.00, **Depth** 24.20, **Pulley type** SP, **Grooves** 5



230288 Pulley

Replacing: 593754

Servicing: 2541969, 2541971, 2542285, 2542297, 2542394, 2542397, 2542920, 2607208, a11vi106, a11vi89, a11vi91, a11vi99, a13vi204

OD 54.00, **Bore dia.** 17.00, **Width** 25.75, **Depth** 15.00, **Pulley type** SP, **Grooves** 6



230794 Pulley

Servicing: af111364, AF175363, AF175476, TA000A54701, TA000A57301, TA000A57401

OD 84.20, **Bore dia.** 17.00, **Width** 33.00, **Depth** 14.20, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



231634 Pulley

Replacing: 593699

Servicing: 2541697, 2541697B, a13vi78

OD 52.00, **Bore dia.** 17.00, **Dist./ back** 8.50, **Width** 56.00, **Depth** 41.30, **Pulley type** SP, **Grooves** 6



231636 Pulley

Replacing: 593719

Servicing: 2541658, 2541894, a13vi155, a13vi70

OD 65.00, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 32.70, **Depth** 20.90, **Pulley type** SP, **Grooves** 6



231846 Pulley

Replacing: 593730, 593724, 593604

Servicing: 2541922, 2542291, 2542412, 2542955, a13vi178, A13VI237, sg9b037, SG9B068, SG9B079

OD 52.00, **Bore dia.** 17.00, **Dist./ back** 4.40, **Width** 41.40, **Depth** 26.90, **Pulley type** SP, **Grooves** 5



231857 Pulley

Replacing: 593728

Servicing: 2542251, 2542264, 2542343, 2542538, 2542602, 2542605, 2542662, 2542686, 2542812, 2542824, 2542826, A14S054, A14S055

OD 53.50, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 32.30, **Depth** 22.00, **Pulley type** SP, **Grooves** 5

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[#]Available while stock last, * Program development.



232333 Pulley

Replacing: 593737, 593706

Servicing: 2541325, 2541417, 2541417K, 2541675, 2541676, 2541815, 2541815A, 2541815B, 2941814, A11VI35, A11VI36, a13vi121

OD 49.30, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 41.30, **Depth** 26.20, **Pulley type** SP, **Grooves** 6



232335# Pulley

Replacing: 593708

Servicing: 2541770, a13vi97

OD 53.50, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 30.00, **Depth** 15.00, **Pulley type** SP, **Grooves** 5



232341# Pulley

Replacing: 593751

Servicing: 2541946, 2541947, 2542275, A11VI87, A13VI188, a13vi235

OD 64.00, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 41.00, **Depth** 26.50, **Pulley type** SP, **Grooves** 3



232345 Pulley

Replacing: 593745

Servicing: 2541758, 2541758B, 2541759, 2542253, 2542254, 2542352, A11VI84, A13VI230, A13VI231, A13VI258, A13VI94, a13vi95

OD 62.50, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 30.00, **Depth** 17.30, **Pulley type** SP, **Grooves** 6



232349 Pulley

Replacing: 593519

Servicing: 2541970, 2542286, 2542396, 2542483, 2542484, 2542486, 2542487, 2542489, 2542490, 2542678, 2542793, 2542802, 2542922

OD 54.40, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 25.50, **Depth** 17.30, **Pulley type** SP, **Grooves** 6
Alternative no.: B232349



232352 Pulley

Replacing: 593762

Servicing: 2542228, 2542556, 2542681, a13vi27, A14VI27, SG15S016, SG15S021

OD 54.30, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 28.00, **Depth** 18.60, **Pulley type** SP, **Grooves** 6



232353 Pulley

Replacing: 593727

Servicing: 2541961, 2541962, 2542515, 2542516, 2542689, 2542769, 2543222, 2543222B, 2543303, 2543306, 2543390, A13VI190, a13vi200

OD 52.00, **Bore dia.** 17.00, **Dist./ back** 4.40, **Width** 31.40, **Depth** 16.60, **Pulley type** SP, **Grooves** 6



232355 Pulley

Replacing: 593755

Servicing: 2542265, A13VI234

OD 53.00, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 37.50, **Depth** 22.00, **Pulley type** SP, **Grooves** 5



232357 Pulley

Servicing: 2541713, a13n275

OD 88.00, **Bore dia.** 17.00, **Dist./ back** 4.50, **Width** 35.00, **Depth** 19.60, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



232359 Pulley

Replacing: 592929

Servicing: 2541862, 2541965, 2542305, 2542307, 2542344, 2542398, 2542399, 2542400, 2542525, a11vi102, A11VI108, a11vi89, a13vi141

OD 55.50, **Bore dia.** 17.00, **Dist./ back** 8.00, **Width** 30.50, **Depth** 16.50, **Pulley type** SP, **Grooves** 5



233848 Pulley

Replacing: 593593

Servicing: 2542233, 2542324, 2542497, 2542546, 2542587, sg12b011, sg12b025, sg12b054, sg14b012, SG14B013, sg9b011, sg9b027

OD 64.40, **Bore dia.** 17.00, **Dist./ back** 4.50, **Width** 30.40, **Depth** 16.20, **Pulley type** SP, **Grooves** 6



234039 Pulley

Replacing: 593735

Servicing: 2542357, 2542358, 2542376, a13vi260, a13vi261, a13vi274

OD 62.10, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 31.20, **Depth** 15.80, **Pulley type** SP, **Grooves** 6

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234377 Pulley

Replacing: 593608

Servicing: 2542312, 2542441, 2542708, 2542849, sg12b040, SG15S010, SG15S032, SG9B054

OD 60.00, **Bore dia.** 17.00, **Dist./ back** 3.75, **Width** 36.40, **Depth** 24.15, **Pulley type** SP, **Grooves** 6



234540 Pulley

Replacing: 593619

Servicing: 2542428, 2542488, 2542491, 2542794, 2542803, 2542923, 2542923A, 2543521, a13vi282, sg10b023, SG8B022, SG9B064, SG9B067

OD 48.50, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 31.50, **Depth** 17.00, **Pulley type** SP, **Grooves** 6



234993 Pulley

Replacing: 593620

Servicing: 2542531, 2542556, 2542557, 2542681, 2542839, a14vi42, sg15s016, sg15s017, sg15s021, SG15S031

OD 54.10, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 29.20, **Depth** 19.00, **Pulley type** SP, **Grooves** 6



234994 Pulley

Replacing: 593612

Servicing: 2542393, 2542639, 2542640, 2542722, 2543338, 2543341, 2543555, 2543557, sg12b030, sg12b068, SG12B072, SG12B097

OD 49.20, **Bore dia.** 17.00, **Dist./ back** 7.50, **Width** 32.70, **Depth** 18.00, **Pulley type** SP, **Grooves** 6



235269 Pulley

Replacing: 593761

Servicing: 2541841, 2541842, 2542202, 2542203, a14vi17, a14vi18, a14vi24, a14vi25

OD 51.00, **Bore dia.** 17.00, **Dist./ back** 4.05, **Width** 28.40, **Depth** 18.30, **Pulley type** SP, **Grooves** 6



235373 Pulley

Replacing: 593331

Servicing: 2542485, 2542921, 2543520, 2607209, 2607209A, sg7s016, TG7S011, TG7S013, TG7S015

OD 49.00, **Bore dia.** 17.00, **Width** 29.00, **Depth** 17.00, **Pulley type** SP, **Grooves** 6



235415 Pulley

Replacing: 593592

Servicing: 2542225, 2542227, 2542238, 2542295, 2542323, sg12b018, sg8b010, sg9b010, sg9b011, sg9b027

OD 55.50, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 31.10, **Depth** 19.00, **Pulley type** SP, **Grooves** 5



235446# Pulley

Replacing: 593744, 235446

Servicing: a13vi109, a13vi80

OD 62.20, **Bore dia.** 17.00, **Dist./ back** 4.30, **Width** 26.20, **Depth** 12.00, **Pulley type** SP, **Grooves** 5



235447 Pulley

Servicing: 2518039, 2541191, 2541663, A13N147, a13n147m, a13n148m, a13n149m, A13N186M, a13n1m, a13n259, a13n259m, a13n2m, a13n35m

OD 76.30, **Bore dia.** 17.00, **Dist./ back** 5.30, **Width** 14.80, **Depth** 5.70, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



235466 Pulley

Replacing: 593768

Servicing: 2542464, 2542540, a11vi110, SG7S012

OD 59.40, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 28.40, **Depth** 13.30, **Pulley type** SP, **Grooves** 3



235467# Pulley

Replacing: 593712

Servicing: 2541609, 2541809, 2541809A, 2541879, 2541880, a13vi118, a13vi151, a13vi152

OD 57.40, **Bore dia.** 17.00, **Dist./ back** 3.80, **Width** 41.00, **Depth** 26.00, **Pulley type** SP, **Grooves** 6



235533 Pulley

Replacing: 593596

Servicing: 2542317, sg12b021

OD 55.50, **Bore dia.** 17.00, **Width** 37.50, **Depth** 30.00, **Pulley type** SP, **Grooves** 6

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235553 Pulley

Replacing: 593753

Servicing: 2542223, 2542252, 2542480, a11vi111, a11vi67, a11vi96, a11vi98, SG7S028, SG7S074

OD 59.60, **Bore dia.** 17.00, **Dist./ back** 6.30, **Width** 24.50, **Depth** 9.70, **Pulley type** SP, **Grooves** 4



235561 Pulley

Servicing: af175207, AF175362, AF175385, sg8b010, MAN

OD 77.30, **Bore dia.** 17.00, **Width** 32.90, **Depth** 14.00, **Belt type** A=9.5, **Pulley type** DP, **Grooves** 2



235591 Pulley

Replacing: 593597

Servicing: 2542319, 2542320, 2542572, sg12b021, sg12b023, sg12b024, SG12B060

OD 48.80, **Bore dia.** 17.00, **Width** 29.50, **Depth** 22.00, **Pulley type** SP, **Grooves** 6



236096 Pulley

Replacing: 593809

Servicing: 2542736, 2542736A, 2543302, TG7S012, TG9C013

OD 48.20, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 28.50, **Depth** 15.30, **Pulley type** SP, **Grooves** 6



236115 Pulley

Replacing: 593777

Servicing: 2542577, 2542578, 2542746, 2542747, SG8B023, SG8B026, sg9b026, SG9B048, SG9B057

OD 49.50, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 31.50, **Depth** 16.50, **Pulley type** SP, **Grooves** 6



236137 Pulley

Replacing: 593836, 593668

Servicing: 2542554, 2542637, 2542663, 2542817, 2542818, 2542819, 2543205, 2543205A, 2543207, 2543337, 2543342, 2543343, 2543552

OD 49.20, **Bore dia.** 17.00, **Dist./ back** 3.60, **Width** 36.10, **Depth** 21.30, **Pulley type** SP, **Grooves** 7



236392 Pulley

Replacing: 593822

Servicing: 2542694, 2542694A, 2542926, 2542927, tg8c011, TG8C018, TG8S019

OD 54.90, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 23.20, **Depth** 8.40, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 4



236599 Pulley

Replacing: 593794

Servicing: 2542611, 2542613, 2542672, 2542852, 2543236, 2543304, tg15c012, TG15C038, TG15C064, TG17C010, TG17C010B, TG17C011

OD 53.50, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 36.00, **Depth** 23.00, **Pulley type** SP, **Grooves** 6



237424 Pulley

Replacing: 101932

Servicing: 2541204, 2541324, a13n119, a14n144, a14n163, a14n176, a14n4

OD 87.00, **Bore dia.** 17.00, **Dist./ back** 5.80, **Width** 15.25, **Belt type** A=9.5, **Pulley type** P, **Grooves** 1



238304 Pulley

Servicing: 2542797, SG12B080

OD 53.60, **Bore dia.** 17.00, **Dist./ back** 4.04, **Width** 37.10, **Depth** 22.25, **Pulley type** SP, **Grooves** 5



238546 Pulley

Servicing: AB190058, TA000A14501

OD 64.71, **Bore dia.** 17.00, **Width** 22.55, **Pulley type** SP, **Grooves** 4



330387 Pulley

Servicing: tg12c021

OD 49.85, **Bore dia.** 17.00, **Dist./ back** 3.88, **Width** 38.90, **Depth** 23.68, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6

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#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



330655 Pulley

Replacing: 593601

Servicing: 2542432, sg12b039

OD 53.00, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 49.00, **Depth** 34.30, **Pulley type** SP, **Grooves** 6



330849 Pulley

Replacing: 595217

Servicing: 2543208, 2543439, 2543551, TG11C055, tg11c060

OD 54.80, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 40.00, **Depth** 25.00, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6



332280 Pulley

Servicing: 2542849, SG15S032

OD 59.65, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 39.90, **Depth** 29.90, **Belt type** Multi Belt, **Pulley type** SP, **Grooves** 6

Freewheel Pulleys



138807 Freewheel Pulley

Replacing: 2655139

Thread size M16-1.50, **OD** 55.60, **Bore dia.** 17.00, **Dist./ back** 1.20, **Width** 35.70, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 332291



230293 Freewheel Pulley

Replacing: 593491, 2604504, 2546778, 2536778

Servicing: 2542244, 2542245, 2542695, 2542730, 2542783, 2542827, 2542898, 2542948, 2542949, 2543374, 2607703a, SG12B015, SG12B090

Thread size M16-1.50, **OD** 55.90, **Bore dia.** 17.00, **Dist./ back** 0.35, **Width** 40.80, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 332317



230297 Freewheel Pulley

Replacing: 6681550015, 593493, 593492, 2547737, 2546999

Servicing: 2541968, 2542347, 2542413, 2542414, a13vi202, a13vi257, sg9b038, sg9b039

Thread size M16-1.50, **OD** 49.75, **Bore dia.** 17.00, **Dist./ back** 5.10, **Width** 45.30, **Pulley type** SP/FW, **Grooves** 5
Pulley tool: HC-CARGO 210909.
Alternative no.: 333087



230302 Freewheel Pulley

Replacing: 593490, 2547439

Servicing: 2542232, 2542234, 2542239, 2542496, 2542507, 2542508, 2542680, 2574347, sg12b010, sg12b012, sg12b049, SG12B074

Thread size M16-1.50, **OD** 55.80, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 35.00, **Pulley type** SP/FW, **Grooves** 5
Pulley tool: HC-CARGO 210843. Cap: HC-CARGO 138236.
Alternative no.: 332295



230305 Freewheel Pulley

Replacing: 593495, 2547128

Servicing: 2541995, 2542411, 2542473, a13vi222, sg10b016, sg10b020

Thread size M16-1.50, **OD** 55.70, **Bore dia.** 17.00, **Dist./ back** 2.70, **Width** 38.00/41.50, **Depth** 3.50, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210843.
Alternative no.: 332319, B332319



230522 Freewheel Pulley

Replacing: 593517, 593515, 2546952

Servicing: 2541976, 2542315, 2542466, 2542495, 2542551, 2542573, 2542603, a13vi207, a13vi285, A13VI289, A13VI292, A13VI297

Thread size M16-1.50, **OD** 55.80, **Bore dia.** 17.00, **Dist./ back** 3.85, **Width** 40.10, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210909.
Alternative no.: 332300



230523 Freewheel Pulley

Replacing: 593907, 593527, 593521, 2602877, 2547917

Servicing: 2542351, 2542500, 2542564, 2542565, 2542684, 2542725, a14vi35, a14vi41, SG15S019, sg15s022, SG15S024

Thread size M16-1.50, **OD** 54.30, **Bore dia.** 17.00, **Dist./ back** 3.25, **Width** 35.10, **Pulley type** SP/FW, **Grooves** 6
Pulley tool: HC-CARGO 210909.
Alternative no.: 332320

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Available while stock last, * Program development.



230524 Freewheel Pulley

Replacing: 593554, 593514, 2600001, 2547655

Servicing: 2542272, 2542653, 2543339, 2543384, 2543558, 2543639, SG12B017, SG12B071, SG12B096, SG12B110, SG12B123

Thread size M16-1.50, **OD** 48.70, **Bore dia.** 17.00, **Dist./ back** 4.20, **Width** 38.30, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210909.

Alternative no.: 332301



231584 Freewheel Pulley

Replacing: 595407, 595210, 593610, 2604211, 2602881

Servicing: 2542946, 2543206, 2543378, 2543564, 2605275, SG12B089, SG12B105, sg9b033, TG11C041, tg11c066, tg11c069

Thread size M16-1.50, **OD** 54.90, **Bore dia.** 17.00, **Dist./ back** 8.40, **Width** 42.30, **Pulley type** SP/FW, **Grooves** 6

Alternative no.: 333025



232624 Freewheel Pulley

Replacing: 2549800

Thread size M16-1.50, **OD** 49.80, **Bore dia.** 17.00, **Dist./ back** 6.20, **Width** 39.20, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332302



233590 Freewheel Pulley

Replacing: 593516, 2548621

Servicing: 2542523, 2543340, 2543387, 2543441, sg12b050, SG12B095, SG12B108, SG12B116

Thread size M16-1.50, **OD** 48.80, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 36.90, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843.

Alternative no.: 332322



233847 Freewheel Pulley

Replacing: 593618, 2602751, 2601992, 2600166a

Servicing: 2542524, 2542771, 2542772, 2542952, 2543363, 2543412, 2543570, sg15l012, SG15L026, SG9B052, TG15C034, TG15C056

Thread size M16-1.50, **OD** 49.70, **Bore dia.** 17.00, **Dist./ back** 4.55, **Width** 37.70, **Depth** 14.40, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210909.

Alternative no.: 333133



234569 Freewheel Pulley

Replacing: 2548207

Thread size M16-1.50, **OD** 55.85, **Bore dia.** 17.00, **Dist./ back** 4.30, **Width** 39.30, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



234793 Freewheel Pulley

Replacing: 593625

Servicing: 2542582, SG12B062

Thread size M16-1.50, **OD** 55.65, **Bore dia.** 17.00, **Dist./ back** 10.30, **Width** 44.50, **Pulley type** SP/FW, **Grooves** 7

Pulley tool: HC-CARGO 210843.

Alternative no.: 332306



234794 Freewheel Pulley

Replacing: 593832, 2603530, 2601052

Servicing: 2542693, 2542832, 2542924, 2542924A, 2542928, 2542938, 2543210, 2543457, 2543457A, 2543493, 2543522, 2543524, 2543526

Thread size M16-1.50, **OD** 54.30, **Bore dia.** 17.00, **Dist./ back** 4.25, **Width** 38.45, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332307



234795 Freewheel Pulley

Replacing: 593778, 2549858

Servicing: 2542687, 2542738, 2542739, 2543313, 2543315, 2543369, SG12B075, SG14B016, SG14B022, TG15C017, TG15C065, TG16C014

Thread size M16-1.50, **OD** 56.00, **Bore dia.** 17.00, **Dist./ back** 0.40, **Width** 35.60, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

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235479 Freewheel Pulley

Replacing: 593782, 2601593

Servicing: TG12C013, TG12C016

Thread size M16-1.50, **OD** 59.65, **Bore dia.** 17.00, **Dist./ back** 4.30, **Width** 38.10, **Pulley type** SP/FW, **Grooves** 6



235505 Freewheel Pulley

Thread size M16-1.50, **OD** 54.40, **Bore dia.** 17.00, **Dist./ back** 6.52, **Width** 40.40, **Pulley type** SP/FW, **Grooves** 5



235506 Freewheel Pulley

Replacing: 595219, 2602484

Servicing: 2542697, 2543291, TG11C048, tg11v048, TG14C012

Thread size M16-1.50, **OD** 49.70, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 34.50, **Pulley type** SP/FW, **Grooves** 6



235695 Freewheel Pulley

Replacing: 2604787

Servicing: 2543569, TG14C023

Thread size M16-1.50, **OD** 49.35, **Bore dia.** 17.00, **Width** 40.15, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



235812 Freewheel Pulley

Replacing: 593960, 2604641, 2603330

Servicing: 2543289, 2543289A, TG17C030, TG17C030B

Thread size M16-1.50, **OD** 50.00, **Bore dia.** 17.00, **Dist./ back** 4.50, **Width** 49.30, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 7



236995 Freewheel Pulley

Replacing: 593891, 593860, 580359, 2600161

Servicing: 2542670, 2542729, 2542841, 2542850, 2542851, 2542861, 2542884, 2543477, 2543479, 2543479A, 2543480, 2543480A, 2606333

Thread size M16-1.50, **OD** 54.00, **Bore dia.** 17.00, **Dist./ back** 4.35, **Width** 38.00, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 332311



237320 Freewheel Pulley

Replacing: 593494, 2548703a

Servicing: 2542494, 2542509, sg12b047, SG14B010

Thread size M16-1.50, **OD** 56.00, **Bore dia.** 17.00, **Dist./ back** 5.20, **Width** 43.70, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



237674 Freewheel Pulley

Replacing: 2655703

Servicing: AF111382, AF111393, TA000A48201, TA000A62401

Thread size M16-1.50, **OD** 68.20, **Bore dia.** 17.00, **Dist./ back** 7.14, **Width** 40.60, **Pulley type** SP/FW, **Grooves** 7

Pulley tool: HC-CARGO 210843.



238339 Freewheel Pulley

Replacing: 593977, 2601991

Servicing: 2542774, 2542954, 2606301, 2606301A, TG11C021, TG11C035, TG11C074

Thread size M16-1.50, **OD** 52.00, **Bore dia.** 17.00, **Dist./ back** 4.45, **Width** 37.70, **Pulley type** SP/FW, **Grooves** 5



238426 Freewheel Pulley

Replacing: 595203, 593904, 593539, 2604332, 2603341, 2549815

Servicing: 2542609, 2542720, 2542749, 2542749A, 2542749B, 2542749C, 2542753, SG11B010, SG12B065, SG14B017, tg17c015

Thread size M16-1.50, **OD** 49.00, **Bore dia.** 17.00, **Dist./ back** 4.25, **Width** 38.40, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

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Available while stock last, * Program development.



330063 Freewheel Pulley

Replacing: 595286, 2655507

Servicing: 2543370, 2655103, 2655475, a0002655103, A0002655475

Thread size M16-1.50, **OD** 57.00, **Bore dia.** 17.00, **Dist./ back** 5.35, **Width** 40.20, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 5

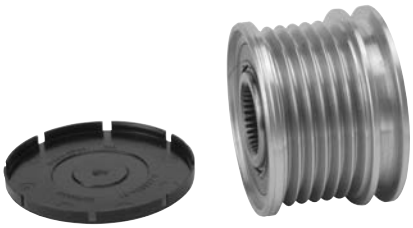


330200 Freewheel Pulley

Replacing: 595226, 330200

Servicing: 2542751, 2542966, 2543344, 2543388, 2543595, 2543595A, 2543597, SG15L023, SG15L033, SG15L036, TG15C058, TG15C091

Thread size M16-1.50, **OD** 48.60, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 40.80, **Pulley type** SP/FW, **Grooves** 7



330473 Freewheel Pulley

Servicing: 2605106, 2605290, tg12c059

Thread size M16-1.50, **OD** 49.40, **Bore dia.** 17.00, **Dist./ back** 3.50, **Width** 40.85, **Depth** 1.90, **Pulley type** SP/FW, **Grooves** 6



331659 Freewheel Pulley

Servicing: 2543476, tg15c112, tg15c154

Thread size M16-1.50, **OD** 54.14, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 40.00, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



332046 Freewheel Pulley

Thread size M16-1.50, **OD** 53.73, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 48.25, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6



332100 Freewheel Pulley

Servicing: 2543248, 2543248A, 2543406, 2543406A, 2543498, 2543498A, 2543498B, FG18S012, TG17C041, tg17c061

Thread size M16-1.50, **OD** 49.70, **Bore dia.** 17.00, **Dist./ back** 11.60, **Width** 45.75, **Depth** 2.00, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6



332291 Freewheel Pulley HC-CARGO

Replacing: 2655139

Thread size M16-1.50, **OD** 55.60, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 36.50, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 138807



332295 Freewheel Pulley HC-CARGO

Replacing: 593490, 2547439

Servicing: 2542232, 2542234, 2542239, 2542496, 2542507, 2542508, 2542680, 2574347, sg12b010, sg12b012, sg12b049, SG12B074

Thread size M16-1.50, **OD** 55.80, **Bore dia.** 17.00, **Dist./ back** 0.60, **Width** 36.35, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843. Cap: HC-CARGO 138236.

Alternative no.: 230302



332300 Freewheel Pulley HC-CARGO

Replacing: 593517, 593515, 2546952

Servicing: 2541976, 2542315, 2542326, 2542466, 2542495, 2542551, 2542573, 2542603, a13vi207, a13vi252, a13vi254, a13vi285

Thread size M16-1.50, **OD** 55.80, **Bore dia.** 17.00, **Dist./ back** 6.00, **Width** 41.60, **Depth** 15.75, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210909.

Alternative no.: 230522



332301 Freewheel Pulley HC-CARGO

Replacing: 593554, 593514, 2600001, 2547655

Servicing: 2542272, 2542653, 2543339, 2543384, 2543558, 2543639, sg12b017, SG12B071, SG12B096, SG12B110, SG12B123

Thread size M16-1.50, **OD** 48.70, **Bore dia.** 17.00, **Dist./ back** 5.00, **Width** 38.30, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210909.

Alternative no.: 230524



332302 Freewheel Pulley HC-CARGO

Replacing: 2549800

Thread size M16-1.50, **OD** 49.80, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 43.30, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 232624

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332306 Freewheel Pulley HC-CARGO

Replacing: 593625

Servicing: 2542582, SG12B062

Thread size M16-1.50, **OD** 55.00, **Bore dia.** 17.00, **Dist./ back** 2.50, **Width** 45.10, **Pulley type** SP/FW, **Grooves** 7

Pulley tool: HC-CARGO 210843.

Alternative no.: 234793



332307 Freewheel Pulley HC-CARGO

Replacing: 593832, 2603530, 2601052

Servicing: 2542693, 2542832, 2542924, 2542924A, 2542928, 2542938, 2543210, 2543457, 2543493, 2543522, 2543524, 2543526, 2543526A

Thread size M16-1.50, **OD** 54.00, **Bore dia.** 17.10, **Dist./ back** 3.50, **Width** 41.80, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 234794



332311 Freewheel Pulley HC-CARGO

Replacing: 593891, 593860, 580359, 2600161

Servicing: 2542670, 2542729, 2542841, 2542850, 2542851, 2542861, 2542884, 2543477, 2543479, 2543479A, 2543480, 2543480A, 2606333

Thread size M16-1.50, **OD** 54.00, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 39.50, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 236995



332317 Freewheel Pulley HC-CARGO

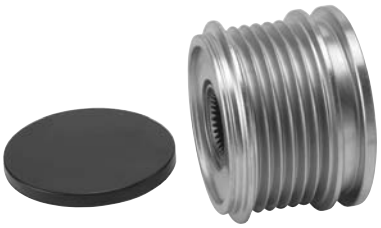
Replacing: 593491, 2546778, 2536778

Servicing: 2542237, 2542244, 2542245, 2542695, 2542730, 2542783, 2542827, 2542898, 2542948, 2542949, 2543374, sg12b015, SG12B090

Thread size M16-1.50, **OD** 55.90, **Bore dia.** 17.00, **Dist./ back** 0.85, **Width** 42.80, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 230293



332319 Freewheel Pulley HC-CARGO

Replacing: 593495, 2547128

Servicing: 2541995, 2542411, 2542473, a13vi222, sg10b016, sg10b020

Thread size M16-1.50, **OD** 56.00, **Bore dia.** 17.00, **Dist./ back** 1.00, **Width** 42.80/46.30, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.

Alternative no.: 230305, B332319



332320 Freewheel Pulley HC-CARGO

Replacing: 593521, 2547917

Servicing: 2542351, 2542500, 2542565, 2542725, a14vi35, a14vi41, SG15S019, SG15S024

Thread size M16-1.50, **OD** 54.60, **Bore dia.** 17.00, **Dist./ back** 4.50, **Width** 36.20, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210909.

Alternative no.: 230523



332321 Freewheel Pulley HC-CARGO

Replacing: 593907, 593527, 2602877

Thread size M16-1.50, **OD** 54.30, **Bore dia.** 17.00, **Dist./ back** 3.80, **Width** 32.70, **Depth** 11.10, **Pulley type** SP/FW, **Grooves** 6

Pulley tool: HC-CARGO 210843.



332322 Freewheel Pulley HC-CARGO

Replacing: 593516, 2548621

Thread size M16-1.50, **OD** 48.80, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 37.40, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 5

Pulley tool: HC-CARGO 210843.

Alternative no.: 233590



333025 Freewheel Pulley HC-CARGO

Replacing: 595407, 595210, 593610, 2604211, 2602881

Thread size M16-1.50, **OD** 54.90, **Bore dia.** 17.00, **Dist./ back** 4.00, **Width** 43.40, **Rotation** CR, **Pulley type** SP/FW, **Grooves** 6

Alternative no.: 231584



333066 Freewheel Pulley

Replacing: 595239, 2603331

Servicing: 2543290, 2543290B, tg17c032

Thread size M16-1.50, **OD** 50.00, **Bore dia.** 17.00, **Dist./ back** 3.70, **Width** 52.30, **Depth** 14.40, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 8

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333070 Freewheel Pulley

Thread size M16-1.50, **OD** 54.80,
Bore dia. 17.00, **Dist./ back** 3.75,
Width 38.10, **Depth** 14.40,
Pulley type SP/FW, **Grooves** 6



333076 Freewheel Pulley

Thread size M16-1.50, **OD** 53.70,
Bore dia. 17.00, **Dist./ back** 3.80,
Width 38.25, **Depth** 14.40,
Belt type Multi Belt, **Pulley type** SP/FW,
Grooves 6



333080 Freewheel Pulley

Replacing: 595258

Thread size M17-1.50, **OD** 55.50,
Bore dia. 17.00, **Dist./ back** 3.90,
Width 50.00, **Rotation** CR,
Pulley type SP/FW, **Grooves** 7



333083 5★ Freewheel Pulley

Manufacturer: Litens

Thread size M16-1.50, **OD** 54.00,
Bore dia. 17.00, **Dist./ back** 3.90,
Width 50.30, **Depth** 11.10,
Pulley type SP/FW, **Grooves** 6



333084 Freewheel Pulley

Replacing: 2655545

Thread size M16-1.50, **OD** 60.00,
Bore dia. 17.00, **Dist./ back** 4.30,
Width 37.80, **Depth** 14.40, **Rotation** CR,
Pulley type SP/FW, **Grooves** 6



333087 Freewheel Pulley HC-CARGO

Replacing: 6681550015, 593492, 333087, 2546999

Thread size M16-1.50, **OD** 54.10,
Bore dia. 17.00, **Dist./ back** 4.90, **Width** 44.90,
Rotation CR, **Belt type** Multi Belt,
Pulley type SP/FW, **Grooves** 5
Pulley tool: HC-CARGO 210909.
Alternative no.: 230297



333133 Freewheel Pulley HC-CARGO

Replacing: 593618, 2602751, 2601992, 2600166a

Thread size M16-1.50, **OD** 49.70,
Bore dia. 17.00, **Dist./ back** 4.20,
Width 37.70, **Depth** 14.40,
Pulley type SP/FW, **Grooves** 5
Pulley tool: HC-CARGO 210909.
Alternative no.: 233847



333340 Freewheel Pulley HC-CARGO

Replacing: 595226

Servicing: 2542751, 2542966, 2543344, 2543388, 2543595, 2543595a, 2543597, SG15L023, SG15L036, TG15C058, TG15C091, TG15C125

Thread size M16-1.50, **OD** 48.80,
Bore dia. 17.00, **Dist./ back** 4.60,
Width 40.70, **Depth** 16.00, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 7
Alternative no.: 330200

NEW PRODUCT
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333346 Freewheel Pulley

Bore dia. 17.00



333426 5★ Freewheel Pulley OAD

Manufacturer: Litens

Thread size M16-1.50, **OD** 53,44,
Bore dia. 17.00, **Dist./ back** 15.17,
Width 39,00, **Depth** 15.31, **Rotation** CR,
Belt type Multi Belt, **Pulley type** SP/FW,
Grooves 6



333427 5★ Freewheel Pulley OAD

Manufacturer: Litens

Thread size M16-1.50, **OD** 54.00,
Bore dia. 17.00, **Width** 44.40,
Depth 15.66, **Belt type** Multi Belt,
Pulley type SP/FW, **Grooves** 6



333436 5★ Freewheel Pulley OAD

Manufacturer: Litens

OD 55.60, **Bore dia.** 17.00, **Wid th** 40.00, **Depth** 15.00, **Rotation** CR,
Belt type Multi Belt, **Pulley type** FW,
Grooves 6

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



333455 5★ Freewheel pulley OAD

Manufacturer: Litens

Replacing: 593930, 593618

Thread size M16-1.50, **OD** 54.00, **Bore dia.** 17.00, **Width** 40.00, **Depth** 15.00, **Rotation** CR, **Belt type** Multi Belt, **Pulley type** SP/FW, **Grooves** 5

Pulley Parts

Spacers

Pkg. 10



235233# Spacer

Servicing: 2181693, 2522104, 2541160, 2541199, 2541204, 2541777, 2541828, 2541850, a12r30, a12r31, a13n109, a13n173, a13n283

ID 24.00x17.20, **OD** 27.00, **Thickness** 4.78

Pulley Covers

Pkg. 5



138236 Pulley Cover

Replacing: 2546971

Servicing: 2542232, 2542234, 2542237, 2542239, 2542244, 2542245, 2542272, 2542326, 2542466, 2542470, 2542495, 2542496, 2542507

OD 55.50, **Height** 4.70

Pkg. 10



231452 Pulley Cover

Replacing: 2546990

Servicing: 2541968, 2542347, 2542413, 2542414, 2542841, 2542850, 2542928, 2543210, 2543480, 2543480A, 2543524, 2606333, A13VI202

ID 31.60, **OD** 34.00, **Height** 4.70

Tools



210843 Combi Tool

Replacing: 210843

Servicing: Bosch Alternators

33 teeth combi tool for the disassembly and assembly of the free wheel pulley. XZN 10x110 mm, w/ 1/2" socket and 22 mm hexagon.



210909 Combi Tool

Replacing: 210909

Servicing: Valeo Alternators

33 teeth combitool for disassembly and assembly of free wheel pulley. Torx 50x110 mm, w/ 1/2" socket and 22 mm hexagon.



210948 Combi Tool

Replacing: 210948

Servicing: Audi, VW, MB, SEAT, Skoda

33 teeth combi tool for the disassembly and assembly of the free wheel pulley, XZN 10x135 mm, w/ 1/2" socket and 22 mm hexagon.

Vacuum Pumps



231340 Vacuum Pump

Servicing: ad165202, AD165320, ad165321, BM51267AR

Splines/ rotor 8, **Splines/ shaft** 19

Vacuum Pump Parts

Rotors



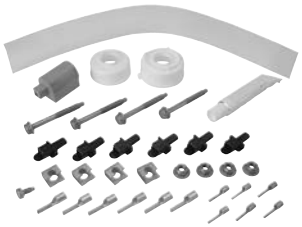
139831# Rotor for Vacuum Pump

Servicing: ad155326, AD160209, ad165202, AD165320, ad165321, APR165AA, BM51267AR

OD 48.50, **Height** 27.90, **No./ splines** 19

Vane set: HC-CARGO 133280. Vacuum pump: HC-CARGO 231340.

Repair Kits



230423 Repair Kit

Replacing: 592854

Servicing: 2541262, 2541298, 2541298A, 2541299, 2541299A, 2541307, 2541307C, 2541307D, 2541308, 2541310, 2541311, 2541321, 2541325



230901 Repair Kit

Replacing: 593282

Servicing: 2541760, 2541786, 2541840, 2541841, 2541963, 2542201, 2542228, 2542251, 2542264, 2542343, 2542351, 2542388, 2542402

O.E.M. names and numbers are used for reference purposes only.

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#Available while stock last, * Program development.



232045# Repair Kit

Replacing: 593283

Servicing: 2542433, 2542479, 2542493, 2542813, 2542814, 2542815, 549277, A14VI19, A14VI20, HD90S010, HD90S011, HD90S013

Sundry Parts

Insulators

Pkg. 10



134797 Insulator

Servicing: 2181693, 2181727, 2181762, 2181991, 2518039, 2518085, 2522104, 2541147, 2541168, 2541174, 2541178, 2541191, 2541197

ID 6.25, **OD** 12.10, **Height** 9.60

Pkg. 5



136586# Insulator

Servicing: 2541114, 2541301, 2541305, a14v01, a14v05

Pkg. 5



136764 Insulator B+/D+

Servicing: 2521682, 2541115, A14V04, a14v13

ID/ mount. hole 8.25, **Length** 92.00, **Height** 29.85

Pkg. 5



231381 Insulator

Servicing: 2541262, 2541298, 2541298A, 2541299, 2541299A, 2541307, 2541307C, 2541307D, 2541310, 2541311, 2541321, 2541325, 2541339

OD 13.75, **Length** 27.00

Part of repair kit: HC-CARGO 230423.

Pkg. 5



231844 Insulator

Servicing: a13n164

ID 6.30

Pkg. 10



233911 Insulator

Servicing: 2541840, 2541841, 2542201, 2542203, 2542228, 2542264, 2542312, 2542343, 2542351, 2542402, 2542472, 2542500, 2542531

ID 5.20, **OD** 7.30/16.20, **Height** 7.40

Pkg. 5



234954# Insulator

Servicing: a13e50

Pkg. 5



235017 Insulator

Servicing: 2542232, 2542238, 2542239, 2542240, 2542241, 2542244, 2542245, 2542257, 2542258, 2542260, 2542270, 2542271, 2542272

ID 12.60/5.90,
OD 14.40/7.60, **Material** Plastic

Pkg. 10



235293 Insulator

Servicing: 2181693, 2181761, 2181991, 2522104, 2541147, 2541199, 2541202, 2541204, 2541226, 2541258, 2541324, 2541327, 2541329

ID 8.50, **OD** 18.00, **Height** 5.30

Terminals



135429 Terminal D+

Replacing: 592850

Servicing: 2541348, 2541473, 2541658, 2541696, 2541817, 2541844, 2541856, 2541894, 2541895, a13vi126, a13vi137, a13vi138, a13vi155



135495 Terminal

Replacing: 592851

Servicing: 2541298, 2541298A, 2541299, 2541299A, 2541412, 2541447, 2541447A, 2541457, 2541457B, 2541458, 2541459, 2541461, 2541475

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



135514 Terminal D+

Replacing: 593360, 592853

Servicing: 2541350, 2541355, 2541356, 2541356A, 2541360, 2541361, 2541362, 2541455, 2541711, 2541731, 2541732, 2541738, 2541738B

ID/ mount. hole M8

B+, D+.



137522 Terminal

Replacing: 593233, 2590902

Servicing: 2541680, 2541683, 2541683A, 2541775, 2541775A, 2541775B, 2541776, 2541838, 2541838A, 2541839, 2541839A, 2541911

ID/ mount. hole M5/11.20, **Length** 57.90, **Height** 14.80, **Type** Single

D+.



139479 Terminal B+/D+

Servicing: 2541922, 2541968, 2542291, 2542347, a13vi178, a13vi202, a13vi237, a13vi257

ID/ mount. hole 6.03, **Length** 89.20, **Height** 39.45, **Type** Dual

B+, D+.



232212 Terminal D+

Replacing: 593377

Servicing: 2542285, 2542287, 2542297, 2542305, 2542307, 2542344, 2607208, A11VI101, A11VI102, A11VI99, A13VI236, A13VI242

Length 95.80, **Height** 42.60

Pkg. 5



232213 Terminal

Replacing: 593251

Servicing: 2541873, 2541916, 2542415, 2542416, 2809249, 2809253, A11VI84, A14VI19, A14VI20, HD90S010, HD90S011, HD90S016ZD

ID/ mount. hole M4, **Length** 12.30/71.75

D+.



232215 Terminal D+

Replacing: 593421

Servicing: 2542286, 2542394, 2542396, 2542397, 2542398, 2542399, 2542400, 2542427, 2542428, 2542429, 2542525, A11VI106, A11VI108

ID/ mount. hole M8

Pkg. 10



234044 Terminal Bolt

Servicing: 2542351, 2542472, a14vi35, a14vi40

Thread M5, **Total length** 34.30, **Thread length** 12.80

B+.

Pkg. 10



235165 Terminal Bolt

Servicing: 2541350, 2541355, 2541356, 2541356A, 2541360, 2541361, 2541362, 2541455, 2541711, 2541731, 2541732, 2541738, 2541738B

Thread M8, **Length** 38.38, **Thread length** 8.50, **Countersink** No

B+.

Thru Bolts

Pkg. 10



139082 Through Bolt

Servicing: 2181693, 2181699, 2181726, 2181727, 2181730, 2183106, 2518039, 2518058, 2541116, 2541118, 2541119, 2541120, 2541121

Thread size M5, **Total length** 91.70, **Length/ rear collar** 88.00, **Thread length** 28.50

Pkg. 25



233791 Through Bolt

Servicing: 2518028, 2541399, 2541481, 2541499, 2541619, 2541711, 2541747, 2541760, 2541786, 2541840, 2541841, 2541842, 2541963

Thread size M5, **Total length** 89.00, **Length/ rear collar** 84.00, **Thread length** 28.25

Pkg. 10



234011 Through Bolt

Servicing: 2181761, 2181991, 2518085, 2522104, 2541178, 2541197, 2541199, 2541329, 2541403, 2541778, 2541828, 2541850, A14N100

Thread size M5, **Total length** 118.15, **Length/ rear collar** 115.00, **Thread length** 53.25

O.E.M. names and numbers are used for reference purposes only.

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Available while stock last, * Program development.

Pkg. 5



234014 Through Bolt

Servicing: 2541117, 2541147, 2541174, 2541257, 2541324, 2541446, 2541478, 2541491, 2541618, 2541635, 2541648, 2541778, A13N138

Thread size M5, **Total length** 96.00, **Length/ rear collar** 93.10, **Thread length** 40.35

Pkg. 5



234015 Through Bolt

Servicing: 2518057, a12m11, a12m17, A12R1, A12R11, A12R22, A12R38, A12R4, A12R43, A12R46, A12R5, A12R50, A12R73, A12RP73

Thread size M5, **Total length** 83.70, **Length/ rear collar** 80.00, **Thread length** 23.90

Screws

Pkg. 10



234035 Screw

Servicing: 2541625, 2541643, 2541840, 2542201, 2542228, 2542264, 2542343, 2542351, 2542472, 2542500, 2542531, 2542538, 2542602

Thread M5, **Total length** 47.50, **Thread length** 27.50
KNURL O.D. 5.50 mm.

Pkg. 10



234615 Screw

Servicing: 2181693, 2181761, 2181991, 2518039, 2522104, 2541147, 2541199, 2541202, 2541204, 2541226, 2541258, 2541324, 2541327

Thread M5, **Total length** 58.00, **Thread length** 51.00

Pkg. 10



234616 Screw

Servicing: 2181761, 2181991, 2518039, 2522104, 2541199, 2541403, 2541663, 2541778, 2541828, 2541850, A13N147, a13n147m, A13N148M

Thread M6, **Total length** 60.00, **Thread length** 52.60

Pkg. 5



234617 Screw

Servicing: 2181693, 2181761, 2181991, 2518039, 2522104, 2541199, 2541403, 2541663, 2541777, 2541778, 2541828, 2541850, A13N147

Thread M5, **Total length** 57.50, **Thread length** 22.50

O-rings

Pkg. 10



137730 O-ring

Servicing: 2541117, 2541257, a13n157, A13N203

ID 13.00, **Thickness** 3.00

Pkg. 10



138193 O-ring

Servicing: d9r91

ID 71.00, **Thickness** 3.00

Pkg. 10

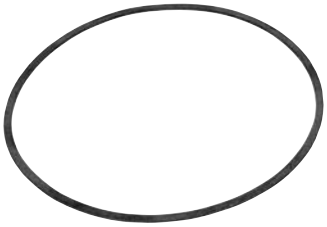


234941 O-ring

Servicing: 2542663, 2542664, 2542696, 2542731, 2542774, 2542818, 2542945, 2542954, 2543206, 2543207, 2543208, 2543291, 2543342

ID 119.00, **Thickness** 3.90, **Material** Rubber

Pkg. 10

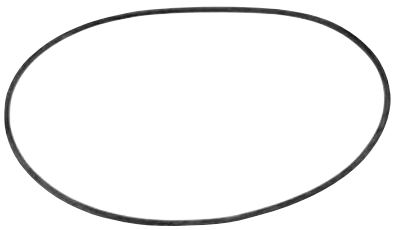


330047 O-ring

Servicing: 2542611, 2542613, 2542720, 2542783, 2542784, 2542827, 2543222, 2543222B, 2543248, 2543248A, 2543264, 2543289, 2543289A

ID 136.00, **Thickness** 3.50, **Material** Rubber

Pkg. 10



330318 O-ring

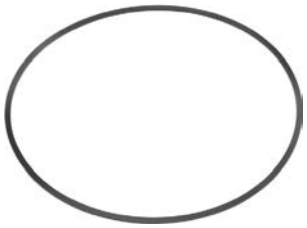
Servicing: 2542892, 2542966, 2543400, 2543493, 2605547, 2607703a, TG14C014, TG14C022, tg14c026, TG15C058, TG15C116, TG15C135

ID 132.00, **Thickness** 2.30, **Material** Rubber

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



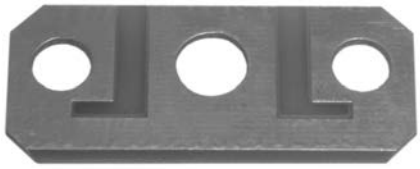
332113 O-ring

Servicing: 2542855, 2543207, 2543370, 2543370a, 2543426a, 2543561, 2543561A, 2543563, TG11C027, TG11C040, TG11C063, TG11C065

ID 126.50, **Thickness** 2.80

Various

Pkg. 10



131055 Fuse

Replacing: 072534

Servicing: a12m5, a12m8

30 **Amp**

Pkg. 10



131583 Fuse

Replacing: 098882

Servicing: a12m11, a12m15, a12m16, a12m17, a12m9

30 **Amp**

Pkg. 10



135169 Terminal Cap

Servicing: 2541262, 2541298, 2541298A, 2541307, 2541307C, 2541307D, 2541308, 2541310, 2541311, 2541321, 2541325, 2541339, 2541340

OD 19.55, **Height** 27.70



135431 Termnal B+/W

Replacing: 592933

Servicing: 2541410, 2541415, 2541416, 2541416F, 2541417, 2541417K, 2541420, 2541675, 2541676, 2541801, 2541802, 2541815, 2541815A

ID/ mount. hole 55.80, **Length** 76.00, **Height** 30.10

B+, W.



135433 Terminal D+

Replacing: 592852

Servicing: 2541262, 2541307, 2541307C, 2541307D, 2541308, 2541310, 2541311, 2541325, 2541339, 2541340, 2541344, 2541349, 2541359

D+.

Pkg. 10



135469 Rubber Seal

Servicing: 2541299, 2541299A, 2541321, 2541325, 2541359, 2541361, 2541362, 2541410, 2541417, 2541417K, 2541457, 2541457B, 2541475

ID 18.00, **OD** 28.00, **Thickness** 4.00, **Material** Neoprene

Pkg. 10



135470 Rubber Seal

Servicing: 2541262, 2541298, 2541298A, 2541308, 2541310, 2541311, 2541339, 2541340, 2541344, 2541349, 2541350, 2541359, 2541360

ID 18.00, **OD** 30.00, **Thickness** 4.00, **Material** Neoprene



136644 Terminal Block

Replacing: 592934

Servicing: 2541494, 2541617, 2541617A, 2541617B, 2541697, 2541697B, 2541835, 2541861, 2541941, a13vi132, A13VI140, A13VI180

ID/ mount. hole 8.50, **Length** 74.75, **Height** 31.30

D+.



136661 Terminal Block

Replacing: 592849

Servicing: 2541321, 2541620, 2541620A, 2541620B, 2541694, 2541694D, a13vi10, a13vi18, a13vi61, a13vi76

ID/ mount. hole 55.65, **Length** 72.25, **Height** 26.45

D+.



139451 Terminal

Replacing: 593288

Servicing: 2541834, 2541840, 2542228, 2542351, 2542500, 2542531, A14VI15, A14VI16, a14vi17, A14VI27, A14VI35, A14VI41, A14VI42

ID/ mount. hole M8, **Length** 86.00

B+, D+.

Pkg. 10



139801 Insulator

Servicing: 2541169, 2541171, 2541173, 2541180, 2541363, 2541366, 2541368, 2541445, 2541489, 2541490, 2541672, 2541859, A13N129

6.00x15.10x6.10 mm. B+.

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Available while stock last, * Program development.

Pkg. 10



139802 Insulator

Servicing: 2541142, 2541169, 2541173, 2541180, 2541181, 2541363, 2541367, 2541368, 2541445, 2541489, 2541490, 2541624, 2541859

ID 5.00, **OD** 13.25, **Height** 5.50

D+, W.



231845 Repair Lead

Servicing: ad165202, AD165206, AD165320, ad165320q, AD165321, AD165321Q, AD165439, AD165440, AD165454, AD165471, AF175207

Pkg. 10



232310 Connection Arm D+

Servicing: 2541873, 2541916, 2542415, 2542416, 2809249, 2809253, A14VI19, A14VI20, HD90S010, HD90S011, HD90S016ZD, HD90S018ZD

Mount hole 5.00, **Mount. hole 2** 5.00, **Total length** 51.50



232428 Repair Lead

Servicing: 893633, A0B09601, AC155515, AC155616, AC155907, TA0B09601

Pkg. 5



234018 Key

Servicing: 2541679, 2541679C, 2541844, 2541895, 2541928, 2541953, 2541998, 2542225, 2542227, 2542232, 2542233, 2542234, 2542237

Length 23.60

Pkg. 10



234884 Insulator

Servicing: 2181699, 2518039, 2541197, 2541663, A13N147, a13n147m, a13n148m, a13n149m, a13n1m, a13n259, a13n259m, a13n2m, a13n35m

ID 8.86, **OD** 18.04, **Thickness** 1.45, **Material** Shockproof plastic

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Pkg. 10



234965 Rubber Spacer

Servicing: 2542611, 2542613, 2542663, 2542664, 2542672, 2542679, 2542685, 2542687, 2542693, 2542694, 2542694A, 2542695, 2542696

Length 42.00



235398 Coupler

Servicing: af175363

Cable length 118.00

Pkg. 10



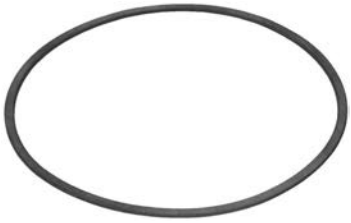
236104 Gasket

Servicing: 2542694, 2542694A, 2542736, 2542736A, 2542926, tg8c011, TG8C018, TG8S012, TG9C013

ID 111.00, **OD** 118.80, **Thickness** 3.90, **Material** Rubber

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Pkg. 10



236756 Gasket

Servicing: 2542672, 2542679, 2542685, 2542687, 2542693, 2542695, 2542697, 2542704, 2542705, 2542769, 2542772, 2542832, 2542852

ID 127.00, **OD** 135.00, **Thickness** 1.50, **Width** 4.00, **Material** Rubber

---

Pkg. 10

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237453 Gasket

Servicing: 2655475, 2655524, A0002655009, A0002655475, A0002655524

ID 120.00, **OD** 128.00, **Thickness** 4.17, **Width** 0.20

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Regulators

14 Volt



131297 Regulator

Replacing: rwa-t-2, 00-408-32

14.2 **V setting**, **Dist. mount. holes** 66.70

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Regulators



234986# Indicator Light

Replacing: M1050

14 Volt



231212 Regulator

Replacing: 434363800

25 **Amp**, **Dist. mount. holes** 92.00,
Regulator type Electronic,
Terminal type G-G-B+-L-C



231469 Regulator

Replacing: 434352000

22 **Amp**, **Dist. mount. holes** 90.30,
Regulator type Electronic,
Terminal type G-G-R-B+-L-C
Connector: HC-CARGO 231450.



231470 Regulator

Replacing: 434362000

22 **Amp**, **Dist. mount. holes** 88.90,
Regulator type Electronic,
Terminal type G-G-R-B+-L-C
Connector: HC-CARGO 231450.



231570 Regulator

Replacing: 434862100, 434362100

28 **Amp**, **Dist. mount. holes** 89.65,
Regulator type Electronic,
Terminal type G-G-B+-L-C



231902 Regulator

Replacing: 434353000, 343535, 343530

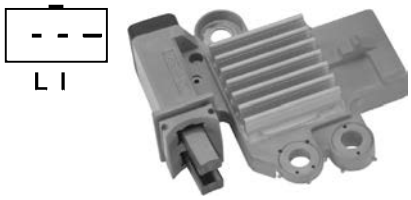
Dist. mount. holes 88.65,
Terminal type G-G-R-B+-L-C



234324 Regulator

Replacing: v1200

14.2 **V setting**, 13-16 **V/ adjustable**, -
Dist. mount. holes 105.00,
Regulator type Electronic



333318 Regulator

14.8 **V setting**, **Dist. mount. holes** 52.20,
Regulator type Electronic

Brush Boxes

Brush Box Parts

Brushes

Pkg. 10



H106 Brush

Length 19.80, **Lead length** 48.00,
Height 11.80, **Thickness** 7.85

Pkg. 10



H26 Brush

Servicing: Webasto

Length 16.79, **Lead length** 39.00,
Height 8.87, **Thickness** 5.90

Pkg. 10



H5-6 Brush

Servicing: Lucas, Smith

Length 11.65, **Lead length** 41.50,
Height 5.90, **Thickness** 5.90

Pkg. 10



H54 Brush

Servicing: Boi-Wo

Length 10.14, **Lead length** 43.00,
Height 6.21, **Thickness** 4.91
Heat-on. EP533BOS.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



H56 Brush

Replacing: Electrolux

Servicing: H56

Length 12.90, **Lead length** 38.00, **Height** 5.95, **Thickness** 4.80

Regulators/Rectifiers

14 Volt



230150 Regulator/Rectifier Assy

Replacing: am33845

14 **V**, **OD** 92.00, **Capacitor** w/o

w/ 15 A charging system. Terminals B+ -AC - AC.



230151 Regulator/Rectifier Assy

Replacing: am106357

14 **V**, 15 **Amp/ diode**, **OD** 79.90, **Mount. dist.** 67.87, **Capacitor** w/o

Permanent magnet system. AC-B+-AC. Ceramic hybrid construction. Volt setting 14.2.



233977 Regulator/Rectifier

Replacing: 883072t, 883072, 856748, 854515, 830179t, 8301792, 815279t, 8152795, 8152793

Servicing: Mercury marine

14.4 **V setting**, **Dist. mount. holes** 72.00

Terminals: tachometer(grey), AC(yellow), Sense(red female), B+(red male), B-(black), AC(yellow).



234250# Regulator/Rectifier

Replacing: 21066-2071

Dist. mount. holes 67.90

Capacitor: X: orange, Y: black.



234251 Regulator/Rectifier

Replacing: 12-403-01

Dist. mount. holes 70.00, **Terminal type** AC-B+



234303 Regulator/Rectifier

Replacing: rs5121

14.2 **V setting**, 18 **Amp**, 250 **W**, **Dist. mount. holes** 59.70, **Regulator type** Electronic, **Battery sensor** w/o, **Capacitor** w/o, **Resistor** w/o, Not insulated return

Compact tractors and industrial equipment w/ permanent magnet alternators. X: neg. when charging. Y: pos. when charging. Regulator must have frames.



234407 Regulator/Rectifier

Replacing: 21066-2070

Dist. mount. holes 64.00

20 A charging system.



234408 Regulator/Rectifier

Replacing: am101406

Dist. mount. holes 61.40, **Terminal type** B+-AC-AC-L-IG

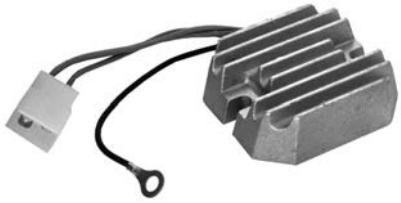


234409 Regulator/Rectifier

Replacing: rs1104

Dist. mount. holes 64.25

Terminals: -(black), B+(red), AC(blue), AC(blue).



234410 Regulator/Rectifier

Replacing: rs5107

Dist. mount. holes 63.00



234411 Regulator/Rectifier

Replacing: rs5155, rs5101

Dist. mount. holes 62.55, **Regulator type** Electronic

Terminals: AC(blue), B-(black), AC(blue), L(green), B+(red), IG(yellow).



234412 Regulator/Rectifier

Replacing: rs5160

20 **Amp**, **Dist. mount. holes** 63.55

20 A charging system. Terminals: B+(red), IG(yellow), B-(black), AC(orange), L(brown), AC(orange).

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.



234413 Regulator/Rectifier

Replacing: rs5104, rs5102

Dist. mount. holes 61.20

Terminals: AC(blue), -(black), AC(blue), L(green), IG(yellow), B+(red).



234414 Regulator/Rectifier

Replacing: am126304

Dist. mount. holes 62.50,
Regulator type Electronic

Terminals: B+(red), IG(red/blue), -(black), AC(yellow), L(brown), AC(yellow).



234417 Regulator/Rectifier

Replacing: 31600-890-951

Dist. mount. holes 61.80



234418 Regulator/Rectifier

Replacing: 21066-2056

Dist. mount. holes 61.30

13/15/17 A charging system.



234854 Regulator/Rectifier

Replacing: 434362600

25 **Amp**, **Dist. mount. holes** 92.00,
Terminal type G-G-R-B+-L-C

w/ recharge response.



235393 Regulator/Rectifier

Replacing: s1002uh

Universal, for 3-wire permanent magnet system.

Rectifiers



135632 Rectifier

Replacing: 62351a2, 62351a1

25 **Amp/ diode**, **OD** 37.70, **Capacitor** w/o



333437 Rectifier

Replacing: Q8114

B+ 13.60, **B+/ threaded** M6, **ID** 26.75,
OD 103.20, **Mount. dist.** 49.74,
B+ type Bolt, **No./ diodes** 3

Fans & Pulleys

Pulleys



232151 Pulley

Replacing: I59716

OD 78.90, **Bore dia.** 17.00,
Dist./ back 3.60, **Width** 48.00,
Depth 28.60, **Belt type** C=17.5,
Pulley type DP, **Grooves** 2, **Free run** w/o

Pulley Parts

Spacers



231666 Spacer for Pulley

Replacing: 70002004

ID 27.00, **OD** 42.00, **Thickness** 2.30,
Material Metal

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Armatures



130073 Armature

Replacing: 1104013956, 1104013949, 1104013434, 1104013431

Servicing: 0101302067, 0101302068, 0101302075, 0101302076, 0101302085, 0101302086, 0101302111, 0101302112, 0101302115, 0101302116

Shaft length 260.00, **Core thickness** 65.00 *30 A.*



130309 Armature

Replacing: 1104013943, 1104013942, 1104013939, 1104013427

Servicing: 0101302004, 0101302016, 0101302021, 0101302022, 0101302023, 0101302025, 0101302026, 0101302027, 0101302029, 0101302035

Shaft length 233.00, **Core thickness** 65.00 *30 A.*



130824 Armature

Replacing: uwb102, uwb100, 54217859, 54217499, 54214537, 54214237, 54213780, 26212754, 227987, 227693, 227271

Servicing: C40, 22700l, 22700r, 22704L, 22704Q, 22705F, 22705L, 22715, 22715E, 22715K, 22742E, 22742K, 22747A, 22747B, 22748A

Shaft length 216.00, **Core thickness** 60.00 *22 A.*



130826 Armature

Replacing: uwb106, 54218417, 54216753, 54216228

Servicing: C40T, 22700, 22755, 22755A, 22755H, 22756, 22756A, 22756H, 22757, 22757A, 22757H, 22758, 22758A, 22758E, 22764A, 22764E

Shaft length 238.00, **Core thickness** 60.00 *11/22 A.*



138258 Armature

Replacing: 1104013952, 1104013436

Servicing: 0101302083, 0101302084, 0101302107, 0101302108, 0101304005, 0101304006

Shaft length 273.00, **Core thickness** 65.00 *38 A.*



233502 Armature

Replacing: 1104012914

Servicing: 0101206064, 0101206116, 0101206117

Shaft length 246.00, **Core thickness** 56.00 *38 A.*

Field Coils

12 Volt



130076 Field Coil

Replacing: 1104103008, 1104103007

Servicing: 0101302111, 0101302112, 0101302118

12 **V**, 30 **Amp**, **Height** 111.00, **Internal height** 72.00, **Inner width** 48.00



130189 Field Coil

Replacing: uvb102, 54219374, 229362, 227543

Servicing: C40, C40A, C40T, 22258, 22700, 22700L, 22700R, 22703K, 22703M, 22704, 22704L, 22704Q, 22705, 22705F, 22705L, 22715E

12 **V**, 22 **Amp**, **Height** 119.35, **Internal height** 59.75, **Inner width** 41.50



130310 Field Coil

Replacing: 1104102044, 1104102043, 1104102041, 1104102040

Servicing: 0101209031, 0101209032, 0101209033, 0101209036, 0101209037, 0101209039, 0101209041, 0101209046, 0101209060, 0101209064

12 **V**, 11 **Amp**, **Height** 107.00, **Internal height** 63.00, **Inner width** 34.00

C.E. Brackets



135793 C.E. Bracket

Replacing: 54211099

Servicing: C40A, 22703, 22703K, 22703M, 22732E, 22732J, 22733, 22733E, 22733J, 22735H, 22735J, 22751, 22756, 22780, 22788

Non ventilated.



135821 C.E. Bracket

Replacing: 1105853318

Servicing: 0101302067, 0101302068, 0101302074, 0101302085, 0101302086, 0101302111, 0101302112, 0101302115, 0101302116, 0101302117

Bearing: HC-CARGO 142272.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

NEW PRODUCT
www.hc-cargo.com

235667 C.E. Bracket

Servicing: 00E091, 110397, 111534, 112161, 17610-Q1010, CER3087

ID 79.50

D.E. Brackets



130876 D.E. Bracket

Replacing: 54216225

Servicing: C40T, 22756, 22756A, 22756H, 22758, 22758A, 22758E, 22764, 22764A, 22764E

Ventilated. Bearing: HC-CARGO 140091, 6302. Fitting kit: HC-CARGO 134039.



135795 D.E. Bracket

Replacing: 54215165

Servicing: C40 R/H, 22700, 22700L, 22700R, 22704, 22704L, 22704Q, 22705, 22705F, 22705L, 22715, 22715E, 22715K, 22721A, 22721J

Bearing: HC-CARGO 140084, 6202. Fitting kit: HC-CARGO 134038.

Regulators

14 Volt



130032 Regulator

Replacing: 0190350079, 0190350069, 0190350059, 0190350054, 0190350039, 0190350038, 0190350005, 0190309038

Servicing: 0101302022, 0101302023, 0101302027, 0101302067, 0101302068, 0101302069, 0101302070, 0101302075, 0101302076, 0101302085

30 **Amp**, 360 **W**, **Dist. mount. holes** 125.00, **D+ type** Screw, **Regulator type** Mechanical, **Terminal type** D+ - DF-B+
Alternative no.: 235785



130033 Regulator

Replacing: ncb136, ncb134, 37592, 37577, 37503, 37432

11 **Amp**, **Dist. mount. holes** 119.00, **D+ type** Spade, **Regulator type** Mechanical, **Terminal type** E-D-WL-F-B



130038 Regulator

Replacing: ncb114, ncb113, 37399, 37396, 37277, 37274, 37258, 37230, 37229, 37198, 37197

9-12 **Amp**, **Dist. mount. holes** 94.00, **Regulator type** Electronic



130039 Regulator

Replacing: ncb112, 37395, 37228

9-12 **Amp**, **Dist. mount. holes** 108.00, **Regulator type** Electronic



130040 Regulator

Replacing: ncb119, 37407, 37403, 37397, 37388, 37327

9-12 **Amp**, **Dist. mount. holes** 111.00, **D+ type** Spade, **Regulator type** Mechanical



130041 Regulator

Replacing: ncb120, ncb118, 37408, 37405, 37398, 37365

9-12 **Amp**, **Dist. mount. holes** 96.50, **D+ type** Spade, **Regulator type** Mechanical



130052 Regulator

Replacing: rb106, ncb101, 37294, 37290f, 37290e, 37290d, 37290, 37283, 37183, 37179, 37139, 37066

22 **Amp**, **Dist. mount. holes** 70.20, **D+ type** Spade, **Regulator type** Mechanical, **Terminal type** A1-A-F-D-E



130504 Regulator

Replacing: ch4006, 3024702, 3000074, 2098300, 2095700, 1889960

14.5 **V setting**, **Dist. mount. holes** 68.30

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



235781 5★ Regulator

Manufacturer: Bosch

Replacing: F026T02200, 9190215028, 9120215028, 0190350045, 0190350009, 0190309032, 0190215037, 0190215029

Servicing: 0010300100, 0101209016, 0101209033, 0101209039, LJ/GEH90/12/1800F, LJ/GEH90/12/2300R**,** 11.125.078

11 **Amp**, 130 **W**, **Dist. mount. holes** 95.00, **D+ type** Screw, **Regulator type** Electronic
Alternative no.: 130047



235782 5★ Regulator

Manufacturer: Bosch

Replacing: F026T02201, 0190350046, 0190309015, 0190309012, 0190309003, 0190215036, 0190215031, 0190215030

Servicing: 0101302004, 0101302035, 0101302038, 0101302039, 0101302044, 0101353005, 0101353037, 0101354023, 0101355016, 0101355042

16 **Amp**, 192 **W**, **Dist. mount. holes** 95.00, **D+ type** Screw, **Regulator type** Electronic



235783 5★ Regulator

Manufacturer: Bosch

Replacing: F026T02202, 9190083000, 9190082001, 0190309037, 0190309029, 0190309028, 0190309016, 0190309004

Servicing: 0101206009, 0101206011, 0101206012, 0101206043, 0101207005, LJ/GEG160/12/2500

20 **Amp**, 240 **W**,
Dist. mount. holes 95.00, **D+ type** Screw, **Regulator type** Electronic



235784 5★ Regulator

Manufacturer: Bosch

Servicing: F026T02203, 0190350055, 0190350013, 0190350007, 0190350006, 0190309018, 0190215034

25 **Amp**, 300 **W**,
Dist. mount. holes 95.00,
Regulator type Electronic



235785 5★ Regulator

Manufacturer: Bosch

Replacing: F026T02204, 0190350068

Servicing: 0101302067, 0101302068, 0101302069, 0101302070, 0101302075, 0101302076, 0101302085, 0101302086, 0101302089, 0101302090

30 **Amp**, 360 **W**,
Dist. mount. holes 94.00,
Regulator type Electronic
Alternative no.: 130032



235786 5★ Regulator

Manufacturer: Bosch

Replacing: F026T02205, 0190350063, 0190350041, 0190350040, 0190350034, 0190350015, 0190309040, 0190309020

Servicing: 0101206063, 0101206064, 0101206116, 0101206117, 0101302074, 0101302083, 0101302107, 0101302108, 0101356005, 0101356013

38 **Amp**, 456 **W**,
Dist. mount. holes 95.00, **D+ type** Screw, **Regulator type** Electronic

Brush Sets



BX1312 Brush Set

Replacing: 1107014135, 1107014109

Servicing: 0101201020, 0101201022, 0101201031, 0101203009, 0101204014, 0101205012, 0101205019, 0101206024, 0101206035, 0101206037

6 **V**, **Length** 19.00, **Lead length** 34.00, **Height** 14.00, **Thickness** 6.00



BX1402 Brush Set

Replacing: 2107014007

Servicing: 0101402062, 0101402065, 0101402087, 0101402088, 0101402089, LJ/GK300/24/1300A

28 **V**, **Length** 25.50, **Lead length** 41.00, **Height** 22.00, **Thickness** 6.00



BX1572 Brush Set

Replacing: 1107014142, 1107014138

14 **V**, **Length** 19.00, **Lead length** 34.00, **Height** 14.00, **Thickness** 6.00



BX1642 Brush Set

Replacing: 2107014017

Servicing: 0101302060, 0101302061

6 **V**, **Length** 25.00, **Lead length** 34.50, **Height** 22.00, **Thickness** 6.00

All measurements are in mm, unless else stated.
O.E.M. names and numbers are used for reference purposes only.
Available while stock last, * Program development.



BX1652 Brush Set

Replacing: 1107014146, 1107014140, 1107014128

Servicing: 0101302022, 0101302023, 0101302025, 0101302026, 0101302029, 0101302035, 0101302038, 0101302039, 0101302044, 0101302056**,** usb405, usb402

14 **V**, **Length** 25.00, **Lead length** 35.00, **Height** 22.00, **Thickness** 6.00
Alternative no.: B165



BX1692 Brush Set

Replacing: 1107014144

Servicing: 0101201022, 0101203007, 0101206009, 0101206011, 0101206012, 0101206043, 0101206063, 0101206064, 0101206079, 0101206081**,** usb404

14 **V**, **Length** 19.00, **Lead length** 31.00, **Height** 14.00, **Thickness** 6.00



BX1922 Brush Set

Replacing: 2107014012

Servicing: 0101601092, 0101601093, 0101601098, 0101601100, 0101601103, 0101601116, 0101601120, 0101601122, 0101601126, 0101601172

14/28 **V**, **Length** 33.50, **Lead length** 66.00, **Height** 28.00, **Thickness** 8.00



JX222 Brush Set

Replacing: 74996331

14 **V**, **Length** 20.50, **Lead length** 32.00, **Height** 16.00, **Thickness** 6.00



JX262 Brush Set

Replacing: 74996101

14 **V**, **Length** 20.50, **Lead length** 37.00, **Height** 16.50, **Thickness** 6.00



LAX232 Brush Set

Replacing: usb104, 227541

Servicing: C40, C40A, 22700L, 22700R, 22703K, 22703M, 22704L, 22704Q, 22705F, 22705L, 22713J, 22713L, 22715E, 22715K, 22716J

14 **V**, **Length** 19.05, **Lead length** 39.53, **Height** 18.20, **Thickness** 5.50



LAX292 Brush Set

Replacing: usb106, 54216361

Servicing: C40T, 22756A, 22756H, 22758A, 22758E, 22761B, 22761E, 22762B, 22762E, 22764A, 22764E, 22769B, 22769D, 22783A, 22792A

14 **V**, **Length** 23.00, **Lead length** 54.71, **Height** 17.40, **Thickness** 5.50



LAX92 Brush Set

Replacing: usb103, 227305

Servicing: C39P

14 **V**, **Length** 15.90, **Lead length** 53.00, **Height** 19.05, **Thickness** 6.35

Bushings

Pkg. 10



140005 Bushing

Replacing: 1100301003

Servicing: 0101206024, 0101206035, 0101206037, 0101206058, 0101206068, 0101206070, 0101206075, 0101206076, 0101206079, 0101206081

ID 15.10, **OD** 22.04, **Length** 12.70

Pkg. 10



140062 Bushing

Replacing: 227818, 227713

Servicing: C40, C40A, 22258, 22700, 22700L, 22700R, 22703, 22703K, 22703M, 22704, 22704L, 22704Q, 22705, 22705F, 22705L, 22713J

ID 15.11, **OD** 18.20, **Length** 22.20
Alternative no.: B140062

Pkg. 10



140068 Bushing

Replacing: 87880**,** 047403

ID 17.05, **OD** 21.05, **Length** 20.00
Alternative no.: B140068

Bearings

Pkg. 10



140106 Ball Bearing

Replacing: utb103, se5kdd, 189307

Servicing: C40T, 22755A, 22755H, 22756A, 22756H, 22757A, 22757H, 22758A, 22758E, 22764A, 22764E, 22766, 22766a, 22766f

ID 12.70, **OD** 28.575, **Height** 7.938

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Sundry Parts

Various

Pkg. 10



130818 Rivet

Replacing: 54150154, 188739

Servicing: C40, 22258, 22700, 22703, 22703K, 22703M, 22704, 22704L, 22704Q, 22705, 22705F, 22705L, 22715E, 22715K, 22717, 22719

OD 4.70, **OD/ collar** 9.70, **Length** 20.00, **Height/ collar** 1.65, **Collar** w/

Pkg. 10



130819 Nut

Replacing: 198800

Servicing: C40

Thread 7/16" UNF, **OD** 11/16"/17.50, **Lock nut** No



130870 Terminal Kit

Replacing: 54216878

Servicing: C40, 22258, 22530D, 22700, 22700L, 22700R, 22703, 22703K, 22703M, 22704, 22704L, 22704Q, 22705, 22705F, 22705L, 22713J



132948 Tacho Gear

Replacing: 54217725, 54215749

Servicing: C40T, 22755A, 22755H, 22756, 22756A, 22756H



133632 Terminal Kit

Replacing: 1107011515

Servicing: 0101206009, 0101206011, 0101206012, 0101206024, 0101206029, 0101206035, 0101206037, 0101206043, 0101206044, 0101206052

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Armatures



130338 Armature

Replacing: 2014003902, 2014003900, 2014003000

Servicing: 0010300002, 0010300004, 0010300100, 0010300101

0.9 **kW, Shaft length** 230.60, **Core thickness** 60.00
11 A.

Armature Parts

Pkg. 10



132324 Key

Replacing: 1900023008

Servicing: 0010300100, 0010350009, 0010350011, 0010350100, 0010350101, 0010350102, 0101302027, 0101302028, 0101302029, 0101302036

Length 16.00, **Thickness** 4.00, **Width** 6.50

Regulators

14 Volt



233622 Regulator

Replacing: D649, d648, 1118991, 1118985, 1118983, 1118792, 1118791, 1118306, 1118266

Servicing: 10DN, 1100341, 1100344, 1100348, 1100349, 1100350, 1100352, 1100360, 1100369, 1100370, 1100379, 1100381, 1100382

14.2 **V setting**, 18 **Amp**, **Regulator type** Mechanical, **Terminal type** L-B+-F(A)



233623 Regulator

Replacing: d655, 1119577, 1118988, 1118981

Servicing: 10DN

14.2 **V setting**, 18 **Amp**, **Dist. mount. holes** 97.20, **Regulator type** Mechanical, **Terminal type** L-B+-F(A)



233625 Regulator

Dist. mount. holes 97.75, **Regulator type** Mechanical, **Terminal type** D+ - DF-B+



235781 5★ Regulator

Manufacturer: Bosch

Replacing: F026T02200, 9190215028, 9120215028, 0190350045, 0190350009, 0190309032, 0190215037, 0190215029

Servicing: 0010300100, 0101209016, 0101209033, 0101209039, LJ/GEH90/12/1800F, LJ/GEH90/12/2300R

11 **Amp**, 130 **W**, **Dist. mount. holes** 95.00, **D+ type** Screw, **Regulator type** Electronic
Alternative no.: 130047



235784 5★ Regulator

Manufacturer: Bosch

Replacing: F026T02203, 0190350055, 0190350013, 0190350007, 0190350006, 0190309018, 0190215034

25 **Amp**, 300 **W**, **Dist. mount. holes** 95.00, **Regulator type** Electronic



235785 5★ Regulator

Manufacturer: Bosch

Replacing: F026T02204, 0190350068

Servicing: 0101302067, 0101302068, 0101302069, 0101302070, 0101302075, 0101302076, 0101302085, 0101302086, 0101302089, 0101302090

30 **Amp**, 360 **W**, **Dist. mount. holes** 94.00, **Regulator type** Electronic
Alternative no.: 130032

Brush Sets



130988 Brush Set

14 **V**, **Length** 25.00, **Lead length** 41.35, **Height** 14.00, **Thickness** 8.00



BX1884 Brush Set

Replacing: 2017014105, 2017014104, 2017014102

Servicing: 0010300004, 0010300100, 0010300101, 0010350003, 0010350004, 0010350005, 0010350006, 0010350007, 0010350009, 0010350011

14 **V**, **Length** 23.50, **Lead length** 31.00, **Height** 14.00, **Thickness** 6.00



NOX292P Brush Set

Replacing: 1027014106

14 **V**, **Length** 22.00, **Lead length** 48.50, **Lead length** 108.00, **Height** 10.00, **Thickness** 6.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Bearings

Ball Bearings

Pkg. 10



140086 Ball Bearing

Replacing: 1900905244, 1900905228, 1900905226, 6220-693, 68933, 954293, A14N59

Servicing: 0010350013, 0010350014, 0136352005, 0136355049, 0136355050, 0136355053, 0136355054, 0136355055, 0136355057, 0136355058

ID 15.00, **OD** 35.00, **Height** 10.00
Alternative no.: 142299

Pkg. 10



140088 Ball Bearing

Replacing: 1900905227, 1120905523, 581247, 16.906.075, utb108, 511-009, 511-003, 3472836, 71900003, 70900903, 70900503, 70900403**,** 100873, 094360, 071669, 057385

Servicing: 0120400660, 0120400661, 0120400719, 0120400721, 0120400726, 0120400893, 0120400894, 0120400895, 0120400896, 0120488168

ID 17.00, **OD** 40.00, **Height** 12.00
Alternative no.: 142303

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Available while stock last, * Program development.

Stators

14 Volt



235710 Stator

14 **V**, 5 **Amp**, **ID** 60.00, **OD** 123.90, **Height** 32.25, **Terminals** 2
Permanent magnet.



235711 Stator

14 **V**, 15 **Amp**, **ID** 66.00, **OD** 160.00, **Height** 39.55, **Terminals** 3
Permanent magnet.

Regulators

14 Volt



235722 Regulator

14 **V setting**, **Dist. mount. holes** 92.10, **D+ type** Spade, **Regulator type** Electronic, Not insulated return
6 terminals.



235723 Regulator

14 **V setting**, **Dist. mount. holes** 92.25, **D+ type** Spade, **Regulator type** Electronic, Not insulated return
5 terminals.

Regulator Parts

Various

Pkg. 5



231450 Connection

Replacing: 534245100
Total length 60.95

Regulators/Rectifiers

14 Volt



235392 Regulator/Rectifier

Dist. mount. holes 60.00

Rectifiers

Rectifier Parts

Diodes

Pkg. 10



130669 Diode (+)

Replacing: 0270100417, 0270100413, 0270100411, 0270100405, 0270100114, 0270100111, 0270100102, 0270100101

Servicing: 0120400601, 0120400603, 0120400605, 0120400611, 0120400614, 0120400621, 0120400625, 0120400633, 0120400635, 0120400637

200 **V**, 25 **Amp**, **OD** 1/2"/12.70, **Lead length** 27.00, **Polarity** Positive, **Diode type** Press-fit

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Pkg. 10



130670 Diode (-)

Replacing: 0270100424, 0270100418, 0270100414, 0270100412, 0270100406

Servicing: 0120400600, 0120400601, 0120400602, 0120400603, 0120400604, 0120400605, 0120400606, 0120400608, 0120400609, 0120400611

200 **V**, 25 **Amp**, **OD** 1/2"/12.70, **Lead length** 27.00, **Polarity** Negative, **Diode type** Press-fit

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Pkg. 10



130671 Diode (-)

Replacing: PD802

100 **V**, 35 **Amp**, **OD** 1/2"/12.70, **Lead length** 55.00, **Polarity** Negative, **Diode type** Press-fit

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Pkg. 10



130672 Diode (+)

Replacing: d3910, 1959831, 1852928

Servicing: 1100056, 1100057, 1100059, 1100061, 1100062, 1100063, 1100064, 1100065, 1100066, 1100067, 1100068, 1100071, 1100074

100 **V**, 25 **Amp**, **OD** 1/2"/12.70, **Lead length** 25.00, **Polarity** Positive, **Diode type** Press-fit

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Pkg. 10



130911 Diode (-)

Replacing: 0270100364, 0270100358, 0270100354, 0270100352, 0270100132, 0270100112, 0270100104, 0270100020

Servicing: 0120300552, 0120300558, 0120300559, 0120300562, 0120300568, 0120300569, 0120335006, 0120339512, 0120339513, 0120339514

200 **V**, 35 **Amp**, **OD** 1/2"/12.70, **OD/ collar** 11.30, **Lead length** 20.00, **Polarity** Negative, **Diode type** Press-fit

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Pkg. 10



130912 Diode (+)

Replacing: 1127320082, 1127320081, 1127320046, 1127320043, 1127320037, 1127320025, 0270100423, 0270100357

Servicing: 0120300552, 0120300558, 0120300559, 0120300562, 0120300568, 0120300569, 0120335006, 0120339512, 0120339513, 0120339514

200 **V**, 35 **Amp**, **OD** 1/2"/12.70, **OD/ collar** 11.35, **Lead length** 20.00, **Polarity** Positive, **Diode type** Press-fit

Pkg. 10



130937 Diode

Replacing: 00510016

1000 **V**, 0.1 **Amp**, **Lead length** 28.35/28.35, **Diode type** Axial

Pkg. 10



131292 Diode (--)

Replacing: 83577, TD8101

400 **V**, 25 **Amp**, **OD** 10.00, **Lead length** 20.00, **Polarity** Negative, **Diode type** Press-fit

Pkg. 10



131293 Diode (+)

Replacing: 83576, TD8102

400 **V**, 25 **Amp**, **OD** 10.25, **OD/ collar** 9.80, **Lead length** 22.75, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



131294 Diode

Replacing: in5408

800 **V**, 3 **Amp**, **Lead length** 26.40/26.40, **Polarity** Positive, **Diode type** Axial

Pkg. 5



131506 Diode (--)

Replacing: TCD013

100 **V**, 25 **Amp**, **OD** 0.34"/8.70, **OD/ collar** 10.60, **Lead length** 18.00, **Polarity** Negative, **Diode type** Tin

Pkg. 5



131507 Diode (+)

Replacing: TCD012

100 **V**, 25 **Amp**, **OD** 0.34"/8.70, **Lead length** 18.00, **Polarity** Positive, **Diode type** Tin

Pkg. 5



131508 Diode (-)

Replacing: SG-9NEG

300 **V**, 20 **Amp**, **OD** 7.70, **OD/ collar** 8.40, **Lead length** 21.00, **Polarity** Negative, **Diode type** Dish

Pkg. 5



131509 Diode (+)

Replacing: SG-9POS

300 **V**, 20 **Amp**, **OD** 0.33"/8.40, **OD/ collar** 8.36, **Lead length** 1.50x20.00, **Polarity** Positive, **Diode type** Dish, **Mount. type** Flange

Pkg. 5



131510 Diode (-)

Replacing: DD016

300 **V**, 30 **Amp**, **OD** 9.50, **Lead length** 1.50x20.00, **Polarity** Negative, **Diode type** Dish

Pkg. 5



131511 Diode (+)

Replacing: DD015

300 **V**, 30 **Amp**, **OD** 0.38"/9.70, **Lead length** 1.50x20.00, **Polarity** Positive, **Diode type** Dish

Pkg. 5



131512 Diode

Replacing: BDL094

200 **V**, 35 **Amp**, **OD** 10.00, **Polarity** Pos./Neg., **Diode type** Button

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Available while stock last, * Program development.

Pkg. 5



131513 Diode (-)

Replacing: BDL112

100 **V**, 25 **Amp**,
OD 10.00, **Lead length** 20.15,
Polarity Negative, **Diode type** Button

Pkg. 5



131514 Diode (+)

Replacing: BDL111

100 **V**, 25 **Amp**,
OD 10.00, **Lead length** 31.00,
Polarity Positive, **Diode type** Button

Pkg. 10



133193 Diode (+)

Replacing: PD801

100 **V**, 35 **Amp**, **OD** 1/2"/12.70,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



133194 Diode (-)

Replacing: 1971671, 1959830, 1852828, DR1706B

Servicing: 10459003, 10459005, 10459006, 10459007, 1100619, 1100653, 1100654, 1100686, 1100687, 1100688, 1100691, 1100692, 1100693

100 **V**, 35 **Amp**, **OD** 1/2"/12.70,
Polarity Negative, **Diode type** Press-fit



133495 Diode (+)

Replacing: 6270-395

Servicing: AC203R, 1284101, 1284104, 1284105, 1284110, 1284150, 1285513, 1285517, 1285519, 1285521, 1285523, 1285525, 1285527

400 **V**, 70 **Amp**, **Polarity** Positive,
Diode type Stud mount
1/4"-28 stud.



133496 Diode (-)

Replacing: 6270-395a

Servicing: AC203R, 1284101, 1284104, 1284105, 1284110, 1284150, 1285513, 1285517, 1285519, 1285521, 1285523, 1285525, 1285527

400 **V**, 70 **Amp**, **Polarity** Negative,
Diode type Stud mount
1/4"-28 stud.

Pkg. 5



133704 Diode (+)

Replacing: J8330

200 **V**, 30 **Amp**, **Polarity** Positive,
Diode type Square

Pkg. 5



133705 Diode (--)

Replacing: J8331

200 **V**, 30 **Amp**, **Polarity** Negative,
Diode type Square

Pkg. 10



134494 Diode (--)

Replacing: 32-8100

200 **V**, 25 **Amp**, **OD** 1/2"/12.70,
OD/ collar 15.90, **Lead length** 15.00,
Polarity Negative, **Diode type** Press-fit

Pkg. 10



134495 Diode (+)

Replacing: 32-8101

200 **V**, 25 **Amp**,
OD 1/2"/12.70, **Lead length** 15.00,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



134519 Diode

Replacing: 00510173

400 **V**, 6 **Amp**, **OD** 8.80,
Lead length 26.90/26.90,
Polarity Positive, **Diode type** Axial

Pkg. 10



135152 Diode (+)

Replacing: DD1076

400 **V**, 35 **Amp**, **OD** 5/16",
OD/ collar 10.60, **Lead length** 26.00,
Polarity Positive, **Diode type** Tin

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Pkg. 10



135153 Diode (-)

Replacing: DD-1075

400 **V**, 35 **Amp**, **OD** 5/16", **OD/ collar** 10.50, **Lead length** 13.40,
Polarity Negative, **Diode type** Tin,
Mount. type Press fit

Pkg. 25



135213 Diode

Replacing: DD-RL203

200 **V**, 2 **Amp**, **Lead length** 27.55,
Polarity Positive, **Diode type** Axial

Pkg. 10



136253 Diode (+)

Replacing: DD1060, DD-1060

400 **V**, 40 **Amp**,
OD 11.50, **Lead length** 20.00,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



136254 Diode (-)

Replacing: DD1059

400 **V**, 40 **Amp**,
OD 11.50, **Lead length** 20.00,
Polarity Negative, **Diode type** Press-fit

Pkg. 10



137201 Diode (+)

Replacing: 102-42

Servicing: 8LHC2004Z, 8LHC2010Z, 8SC2001R, 8SC2004Z, 8SC2007ZR, 8SC2010Z, 8SC3002U, 8SC3003U, 8SC3005V, 8SC3008U, 8SC3009Z, PD025

200 **V**, 50 **Amp**, **OD** 1/2"/12.70,
OD/ collar 15.80, **Lead length** 13.40,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



137202 Diode (-)

Replacing: 102-43

Servicing: 8LHC2004Z, 8LHC2010Z, 8SC2001R, 8SC2004Z, 8SC2007ZR, 8SC2010Z, 8SC3002U, 8SC3003U, 8SC3005V, 8SC3008U, 8SC3009Z**,** PD26

200 **V**, 50 **Amp**, **OD** 1/2"/12.70,
OD/ collar 15.85, **Lead length** 13.25,
Polarity Negative, **Diode type** Press-fit

Pkg. 10



138634 Diode (+)

Replacing: PD041

200 **V**, 50 **Amp**, **OD** 12.80,
OD/ collar 11.30, **Lead length** 22.00,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



138635 Diode (-)

Replacing: PD042

200 **V**, 50 **Amp**,
OD 12.80, **Lead length** 22.00,
Polarity Negative, **Diode type** Press-fit

Pkg. 10



138636 Diode (+)

Replacing: 32-8109

24/32 **V**, 50 **Amp**,
OD 11.50, **Lead length** 20.00,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



138637 Diode (-)

Replacing: 32-8108

24/32 **V**, 50 **Amp**,
OD 11.50, **Lead length** 20.00,
Polarity Negative, **Diode type** Press-fit

Pkg. 10



231405 Diode (+)

Replacing: PD045

20/26 **V**, 50 **Amp**, **OD** 12.80,
OD/ collar 11.82, **Lead length** 21.75,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



231410 Diode (-)

Replacing: PD034

24/32 **V**, 70 **Amp**,
OD 12.80, **Lead length** 20.00,
Polarity Negative, **Diode type** Press-fit

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Pkg. 5



231578 Diode

Replacing: J8340

200 **V**, 40 **Amp**, **Polarity** Positive, **Diode type** Block

Thin square diode.

Pkg. 5



231579 Diode

Replacing: J8341

200 **V**, 40 **Amp**, **Polarity** Negative, **Diode type** Block

Thin square diode.

Pkg. 10



231670 Diode

Replacing: 8025

200 **V**, 2.5 **Amp**, **Diode type** Axial

Pkg. 10



233345 Diode (+)

Replacing: PD198

100 **V**, 25 **Amp**, **OD** 1/2", **OD/ collar** 12.79, **Lead length** 29.85, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



233346 Diode

Replacing: PD199

100 **V**, 25 **Amp**, **OD** 1/2", **OD/ collar** 12.77, **Lead length** 30.00, **Polarity** Negative, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



233347 Diode (+)

Replacing: PD204

100 **V**, 35 **Amp**, **OD** 13.00, **OD/ collar** 15.84, **Lead length** 30.00, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



233348 Diode (-)

Replacing: PD205

100 **V**, 35 **Amp**, **OD** 13.00, **OD/ collar** 15.80, **Polarity** Negative, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



233349 Diode (+)

Replacing: PD23

200 **V**, 35 **Amp**, **OD** 1/2"/12.70, **OD/ collar** 15.75, **Lead length** 34.25, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



233350 Diode

Replacing: PD024

200 **V**, 35 **Amp**, **OD** 1/2"/12.70, **Polarity** Negative, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



233352 Diode (+)/(-)

Replacing: BDS095

200 **V**, 50 **Amp**, **OD** 8.55, **Polarity** Pos./ Neg., **Diode type** Button

Pkg. 10



233353# Diode

Replacing: BDS133

24/32 **V**, 25 **Amp**, **OD** 8.55, **Polarity** Pos./Neg., **Diode type** Button

Pkg. 10



233355 Diode (+)

Replacing: DD122

100 **V**, 35 **Amp**, **OD** 1/2"/12.70, **OD/ collar** 15.80, **Lead length** 20.75, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

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#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



233356 Diode

Replacing: PD029

200 **V**, 35 **Amp**, **OD** 10.40, **OD/ collar** 9.50, **Lead length** 22.00, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



233357 Diode

Replacing: PD030

200 **V**, 35 **Amp**, **OD** 10.50, **OD/ collar** 9.50, **Lead length** 20.50, **Polarity** Negative, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



233358 Diode (+)/(-)

Replacing: BDL096

200 **V**, 50 **Amp**, **OD** 9.90, **Polarity** Pos./Neg., **Diode type** Button

Pkg. 10



233359# Diode

Replacing: BDL092

200 **V**, 25 **Amp**, **Polarity** Pos./Neg., **Diode type** Button

Pkg. 10



233361# Diode

Replacing: BDS098

200 **V**, 25 **Amp**, **OD** 8.55, **Lead length** 11.10, **Polarity** Negative, **Diode type** Button

Pkg. 10



233362 Diode (+)

Replacing: BDS117

200 **V**, 50 **Amp**, **OD** 8.55, **Lead length** 22.60, **Polarity** Positive, **Diode type** Button

Pkg. 10



233363 Diode (-)

Replacing: BDS118

200 **V**, 50 **Amp**, **OD** 8.55, **Lead length** 22.00, **Polarity** Negative, **Diode type** Button

Pkg. 10



233364# Diode (+)

Replacing: BDL119

200 **V**, 50 **Amp**, **OD** 5.58, **OD/ collar** 9.97, **Lead length** 23.17, **Polarity** Positive, **Diode type** Button

Pkg. 10



233365# Diode (-)

Replacing: BDL120

200 **V**, 50 **Amp**, **OD** 5.60, **OD/ collar** 9.67, **Lead length** 23.55, **Polarity** Negative, **Diode type** Block

Pkg. 10



233366 Diode (+)

Replacing: DD007

200 **V**, 50 **Amp**, **OD** 8.55, **Lead length** 15.15, **Polarity** Positive, **Diode type** Dish

Pkg. 10



233367 Diode (-)

Replacing: DD008

200 **V**, 50 **Amp**, **OD** 8.55, **Lead length** 19.45, **Polarity** Negative, **Diode type** Dish

Pkg. 10



233368 Diode (+)

Replacing: DD017

200 **V**, 50 **Amp**, **OD** 9.70, **Lead length** 16.75, **Polarity** Positive, **Diode type** Dish

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Pkg. 10



233369 Diode (-)

Replacing: DD018

200 **V**, 50 **Amp**,
OD 9.70, **Lead length** 22.00,
Polarity Negative, **Diode type** Dish

Pkg. 10



233443 Diode (+)

Replacing: PD049

200 **V**, 35 **Amp**, **OD** 19.00,
Polarity Positive, **Diode type** Press-fit,
Mount. type Press fit

Pkg. 10



233444 Diode (-)

Replacing: PD050

200 **V**, 35 **Amp**, **OD** 19.00,
Polarity Negative, **Diode type** Press-fit,
Mount. type Press fit

Pkg. 10



233445 Diode (+)

Replacing: PD051

100 **V**, 50 **Amp**,
OD 11.75, **Lead length** 17.10,
Polarity Positive, **Diode type** Press-fit,
Mount. type Press fit

Pkg. 10



233446 Diode (-)

Replacing: PD052

100 **V**, 50 **Amp**,
OD 11.75, **Lead length** 1.50x19.00,
Polarity Negative, **Diode type** Press-fit,
Mount. type Press fit

Pkg. 10



235007 Diode (-)

Replacing: PD128

100 **V**, 35 **Amp**, **OD** 1/2"/12.70,
OD/ collar 15.80, **Lead length** 21.40,
Polarity Negative, **Diode type** Press-fit,
Mount. type Press fit

Pkg. 10



235276 Diode (+)

Replacing: PD110

200 **V**, 50 **Amp**,
OD 10.00, **Lead length** 21.00,
Polarity Positive, **Diode type** Press-fit,
Mount. type Press fit

Pkg. 10



235277 Diode (--)

Replacing: PD111

200 **V**, 50 **Amp**,
OD 10.00, **Lead length** 21.00,
Polarity Negative, **Diode type** Press-fit,
Mount. type Press fit

Pkg. 10



235348 Diode (-)

Replacing: DR1700C

200 **V**, 35 **Amp**, **OD** 1/2",
OD/ collar 15.82, **Lead length** 19.58,
Polarity Negative, **Diode type** Press-fit,
Mount. type Press fit

Pkg. 10



235349 Diode (+)

Replacing: DR1701C

200 **V**, 35 **Amp**, **OD** 1/2",
OD/ collar 15.84, **Lead length** 19.72,
Polarity Positive, **Diode type** Press-fit,
Mount. type Press fit

Pkg. 10



235350 Diode (-)

Replacing: DR1800C, 235350

200 **V**, 50 **Amp**, **OD** 1/2"/12.70,
OD/ collar 15.83, **Lead length** 20.00,
Polarity Negative, **Diode type** Press-fit,
Mount. type Press fit

Pkg. 10



235351 Diode (+)

Replacing: DR1801C, 235351

200 **V**, 50 **Amp**, **OD** 1/2",
OD/ collar 15.85, **Lead length** 20.02,
Polarity Positive, **Diode type** Press-fit,
Mount. type Press fit

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Diode Avalanche

Pkg. 10



231034 Diode (-)

Replacing: PD032
24/32 **V**, 50 **Amp**,
OD 12.80, **Lead length** 22.00,
Polarity Negative, **Diode type** Press-fit

Pkg. 10



231035 Diode (+)

Replacing: PD031
24/32 **V**, 50 **Amp**,
OD 12.80, **Lead length** 22.00,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



231403 Diode (+)

Replacing: PD090
20/26 **V**, 35 **Amp**,
OD 12.80, **Lead length** 22.00,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



231404 Diode (-)

Replacing: PD091
20/26 **V**, 35 **Amp**,
OD 12.80, **Lead length** 22.00,
Polarity Negative, **Diode type** Press-fit

Pkg. 10



231406 Diode (-)

Replacing: PD046
20/26 **V**, 50 **Amp**, **OD** 12.80,
OD/ collar 11.30, **Lead length** 21.70,
Polarity Negative, **Diode type** Press-fit

Pkg. 10



231407 Diode (+)

Replacing: PD092
20/26 **V**, 70 **Amp**,
OD 12.80, **Lead length** 18.50,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



231408 Diode (-)

Replacing: PD093
20/26 **V**, 50 **Amp**, **OD** 1/2"/12.70,
OD/ collar 11.30, **Lead length** 22.00,
Polarity Negative, **Diode type** Press-fit

Pkg. 10



231409 Diode (+)

Replacing: PD033
24/32 **V**, 70 **Amp**,
OD 12.80, **Lead length** 34.00,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



231411 Diode (+)

Replacing: PD043
24/32 **V**, 35 **Amp**,
OD 12.80, **Lead length** 22.00,
Polarity Positive, **Diode type** Press-fit

Pkg. 10



231412 Diode (-)

Replacing: PD044
24/32 **V**, 35 **Amp**, **OD** 12.80,
OD/ collar 9.80, **Lead length** 22.00,
Polarity Negative, **Diode type** Press-fit

Pkg. 10



233354 Diode (+)/(-)

Replacing: BDS135
24/32 **V**, 35 **Amp**, **Polarity** Pos./Neg.,
Diode type Button

Pkg. 10



234350 Diode (-)

Replacing: DD1091
32/40 **V**, 50 **Amp**, **OD** 12.80,
OD/ collar 10.70, **Lead length** 24.60,
Polarity Negative, **Diode type** Press-fit,
Mount. type Press fit

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All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Pkg. 10



234351 Diode (+)

Replacing: DD1092

32/40 **V**, 50 **Amp**, **OD** 12.80, **OD/ collar** 10.70, **Lead length** 24.95, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



234736 Diode (+)

Replacing: DD1088

32/40 **V**, 70 **Amp**, **OD** 12.80, **OD/ collar** 10.75, **Lead length** 24.70, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



234737 Diode (-)

Replacing: DD1087

32/40 **V**, 70 **Amp**, **OD** 12.80, **OD/ collar** 10.80, **Lead length** 24.45, **Polarity** Negative, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



234738 Diode (+)

Replacing: DD1090

19/24 **V**, 70 **Amp**, **OD** 10.80, **OD/ collar** 12.80, **Lead length** 24.50, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10

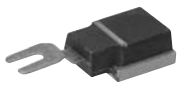


234739 Diode (-)

Replacing: DD1089

19/24 **V**, 70 **Amp**, **OD** 10.80, **OD/ collar** 12.80, **Lead length** 24.20, **Polarity** Negative, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



235713 Diode (-)

Replacing: PBK231

45 **Amp**, **Lead length** 10.72, **Polarity** Negative, **Diode type** Block, **Mount. type** Hook fastening

Pkg. 10



235714 Diode (+)

Replacing: PBK230

45 **Amp**, **Lead length** 10.35, **Polarity** Positive, **Diode type** Block, **Mount. type** Hook fastening

Pkg. 10



236252 Diode (+)

Replacing: 0270300113

Servicing: 0120485011, 0120485012, 0120485022, 0121615021, 0121615027, 0121615121, 0121715001, 0121715029, 01220AA000, 01220aa0b0

19/25 **V**, 65 **Amp**, **OD** 11.20, **OD/ collar** 12.75, **Lead length** 21.13, **Polarity** Positive, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 10



236253 Diode (-)

Replacing: 0270300114

Servicing: 0120485011, 0120485012, 0120485022, 0121615021, 0121615027, 0121615121, 0121715001, 0121715029, 01220AA000, 01220aa0b0

19/25 **V**, 65 **Amp**, **OD** 11.20, **OD/ collar** 12.75, **Lead length** 20.76, **Polarity** Negative, **Diode type** Press-fit, **Mount. type** Press fit

Pkg. 100



236888 Diode (+)

Replacing: A002TB3091, A002TB5391, A003TG0081, A003TG0081A, A005TG0192A, A005TG0192B, a2tb3091, A2TB5391, A3TG0081, A3TG0081A, SG10LZ23S

24-32 **V**, 50 **Amp**, **Polarity** Positive, **Diode type** Square

Pkg. 100



236889 Diode (--)

Replacing: A002TB3091, A002TB5391, A003TG0081, A003TG0081A, A005TG0192A, A005TG0192B, a2tb3091, A2TB5391, A3TG0081, A3TG0081A, SG10LZ23R

24/32 **V**, 50 **Amp**, **Polarity** Negative, **Diode type** Block

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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Sundry Parts

Various

Pkg. 10



132581 Insulator

Replacing: 3438718, 42-3301

ID 5.00, **OD** 14.00, **Thickness** 1.55, **Material** Plastic

Pkg. 10



132986 Stator Extension Lead



134686 Dielectric Gel

Content 142 g

Prevents fusing of spark wires and corrosion. Odourless, non-volatile. Works in extreme temperatures. Resists moisture, air, acids and alkalines.

Alternative no.: 232776

Pkg. 100



191801 Terminal

Servicing: PIN2

Dim. 1.00-2.50, **Conductor dim.** 12.00, **Cable multicore** 1.90, **Width** 1.90, **Type** Pin, **Non return tag** w/o

Pkg. 100



191805 Cable Eyelet

Replacing: 01282

ID 4.30, **OD** 7.20, **Height** 3.60, **Material** Brass

Pkg. 100



191855 Terminal

Replacing: PIN5

Dim. 2.60-4.00, **Width** 5.40, **Type** Pin, **Non return tag** w/o

Pkg. 100



192584# Pin Terminal

Replacing: AMHD0436

Dim. 1.50-2.50, **Type** Pin, **Non return tag** w/o



200618 Heat Transfer Compound

Content 142 g

Heat transfer grease is a grease-like silicone material heavily filled with head conductive metal oxides. This material maintains a positive heat sink seal that transfer from electrical and electronic devices to the heat sink or chassis. Used where heat dissipation is required.

Pkg. 5



232776# Dielectric Grease

Content 2g

Prevents fusing of spark wires and corrosion. Odourless, non-volatile. Works in extreme temperatures. Resists moisture, air, acids and alkalines.

Alternative no.: 134686

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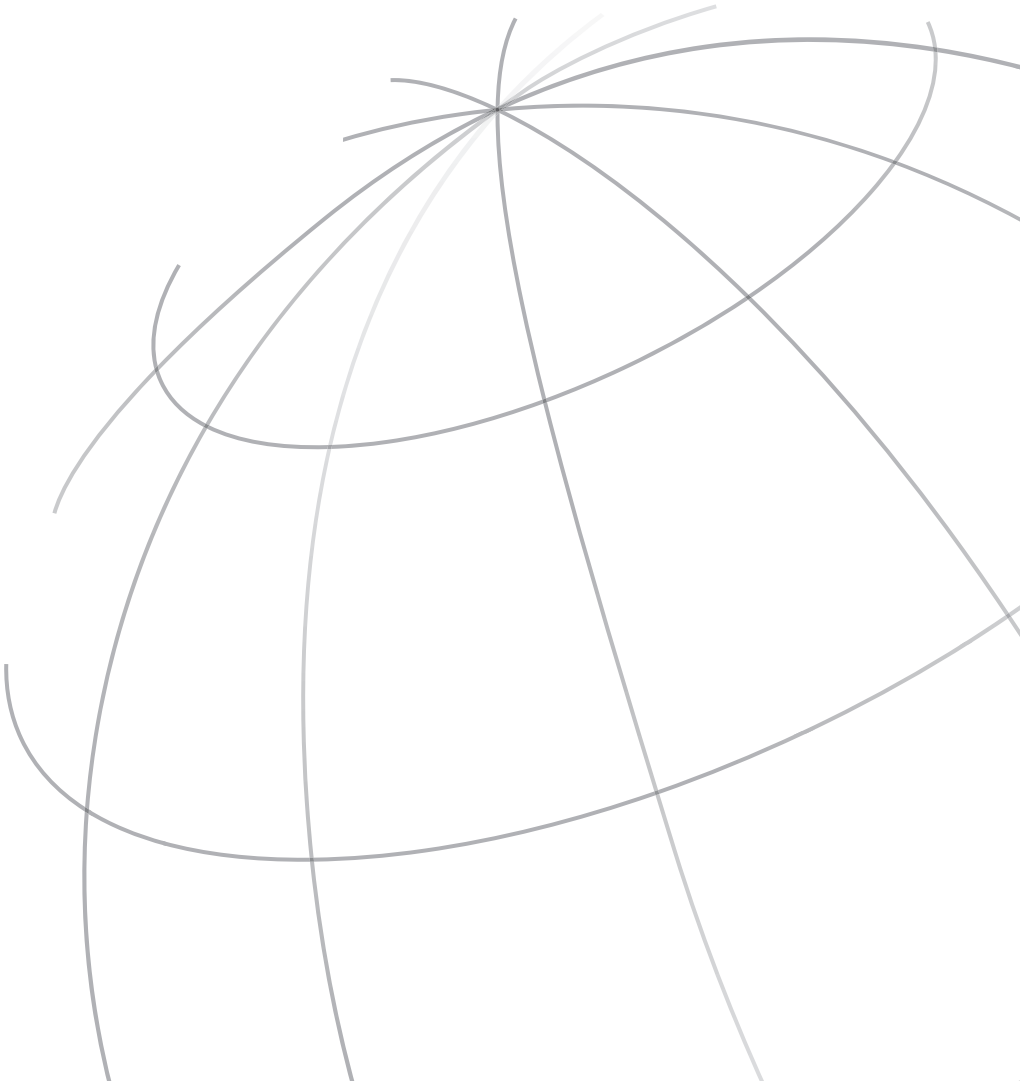
All measurements are in mm, unless else stated.
Available while stock last, * Program development.

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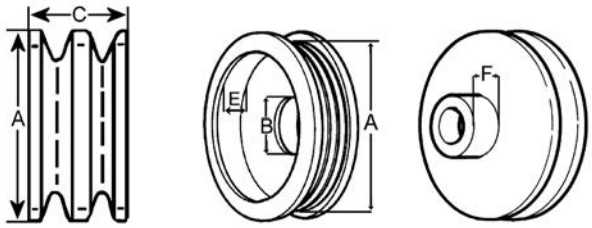
Survey

Pulleys, Mounting Bushings, Bearings, O-Rings, Washers and Oil Seals



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification



Single

Bore (B)	OD (A)	Width (C)	Depth (E)	Back (F)	HC-CARGO
17.00	65.30	22.20	6.20	3.40	**230535**

BELT TYPE A=9.5

Bore (B)	OD (A)	Width (C)	Depth (E)	Back (F)	HC-CARGO
15.00	62.10				**139947**
15.00	62.20	29.70	17.60	7.30	**137682**
15.00	63.10	20.55	18.10		**139345**
15.00	67.00	18.90	7.75	5.00	**137689**
15.00	67.50	18.50	16.50		**610009**
15.00	67.95	14.00	4.90		**134712**
15.00	68.60	21.80	20.00		**131027**
15.00	68.90	18.70	9.60	4.60	**137658**
15.00	70.05	26.30	10.90	10.00	**133698**
15.00	72.20	16.05	4.60		**135594**
15.00	72.65	21.85	18.90		**610007**
15.00	73.00	22.00	18.80		**131204**
15.00	75.90	17.70	13.80		**134943**
17.00	62.00	16.05	5.00		**136676#**
17.00	62.00	16.60	0.85	0.50	**138339**
17.00	62.10	13.10	5.90	0.10	**230719**
17.00	63.00	18.80	7.30	5.10	**231675**
17.00	64.10	31.80	15.50	1.00	**135944**
17.00	65.00	16.50	6.30		**133936**
17.00	67.00	13.60	5.80		**136843**
17.00	67.00	49.00	31.00	33.60	**131200**
17.00	68.00	16.10	4.30		**230037**
17.00	68.00	16.45	7.90	2.50	**137369**
17.00	68.45	21.05	17.00	0.60	**131196**
17.00	69.00	17.80	6.70		**235294**
17.00	69.30	29.00	20.00	0.30	**232356**
17.00	69.30	45.60	30.60	30.00	**137250**
17.00	70.40	12.80	4.30		**233618**
17.00	71.60	19.40	17.50		**610005**
17.00	71.90	19.00	5.40		**230960**
17.00	72.00	35.60	31.60	13.40	**610008**
17.00	72.65	21.85	19.20		**131201**
17.00	74.00	17.80	6.20	6.70	**239351#**
17.00	74.60	20.90	18.20		**231375**
17.00	74.95	16.25	11.00		**137962**
17.00	75.30	21.30	19.30		**610003**
17.00	75.60	33.80	16.50	11.20	**232122#**
17.00	76.25	21.00	19.40		**131198**
17.00	76.30	14.80	5.70	5.30	**235447**
17.00	81.50	21.50	19.50		**610001**
17.00	82.00	26.00	10.50	9.00	**136955#**
17.00	83.50	17.00	6.50		**131048**
17.00	83.60	21.50	19.30		**131193**
17.00	87.00	15.25		5.80	**237424**
17.00	89.00	21.30	10.70	5.10	**234025**
17.00	89.10	18.00	10.80		**233865**
17.00	90.00	21.00	5.50	3.00	**236120**
17.00	92.10	23.40		11.00	**139864**
17.00	93.50	20.00	8.00	1.10	**235675**
17.00	96.30	21.40	10.75	5.00	**137650**
20.00	96.05	18.15	9.10		**136291#**
15.00	104.15	37.60	9.60	7.65	**136954#**

BELT TYPE B=12.5

Bore (B)	OD (A)	Width (C)	Depth (E)	Back (F)	HC-CARGO
15.00	69.00	21.20	10.40	4.80	**234913#**
15.00	69.45	30.20	18.45	10.70	**137969#**
15.00	72.00	3.20	7.25	0.00	**231376**
15.00	73.80	19.20	6.30		**134711**
15.00	74.30	22.80	20.10		**137968**
15.00	74.40	21.00	10.80		**136152**
15.00	84.40	20.00	6.00	7.00	**234777**
15.00	87.90	29.80	10.70	10.70	**232148**
15.88	79.00	18.90	3.90		**133406#**
17.00	62.80	19.90		3.10	**232085**
17.00	66.10	23.50	4.30	3.30	**232084**
17.00	67,80	15,70	4,40	6,50	**136364**
17.00	72.20	26.20	10.30	9.00	**136953**
17.00	73.40	20.30	14.00	3.00	**138063**
17.00	73.45	20.75	7.80		**135272**
17.00	73.90	28.10	13.40		**139309**
17.00	77.00	21.00	9.50	9.20	**137941**
17.00	78.70	19.50	5.50	5.70	**234096**
17.00	80.00	19.00	3.40		**138372**
17.00	80.00	19.80	13.50		**234672**
17.00	80.50	18.00	10.60		**230289**
17.00	81.10	23.00	4.00	3.50	**232080**
17.00	83.10	36.30	21.30	8.10	**330768**
17.00	83.55	20.30	6.00		**137552**
17.00	83.60	30.70		10.45	**230504**
17.00	83.80	22.60	9.50		**136149**
17.00	84.00	19.00	6.00		**136117**
17.00	84.00	19.50	5.00	3.30	**232351**
17.00	84.00	27.00	16.30	6.70	**230955**
17.00	84.05	21.15	7.00		**136156**
17.00	85.15	23.85	7.20	3.40	**232119**
17.00	93.50	20.00	7.90	1.00	**135058**
17.00	93.65	20.00	7.90	1.00	**135057**
20.00	74.40	20.85	11.50		**136102#**
22.23	90.60	33.60		13.70	**232110#**

BELT TYPE C=17.5

Bore (B)	OD (A)	Width (C)	Depth (E)	Back (F)	HC-CARGO
15.00	75.90	36.50	24.70	6.70	**135627**
15.00	82.00	23.90	11.40		**231108**
15.00	87.15	24.90	14.80	4.90	**137393**
17.00	78.40	25.60	6.50	3.50	**232167**
17.00	82.00	27.00	14.00		**139308**
17.00	82.10	26.20	13.50		**136155**
17.00	83.00	24.80	9.90		**137551**
17.00	88.30	26.10	10.00	6.70	**230505**
17.00	94.00	23.25	10.00		**139243#**
17.00	94.20	23.20	8.00	1.00	**139248**
17.10	107.20	37.80	18.60	3.20	**232081#**
20.00	82.00	25.15	15.00		**137666**
20.00	92.20	40.50	30.40		**230952#**
22.23	104.80	33.30		5.30	**232105**

Double

BELT TYPE A=9.5

Bore (B)	OD (A)	Width (C)	Depth (E)	Back (F)	HC-CARGO
15.00	66.65	32.50	14.20	4.60	**133584**
15.00	71.20	33.00	22.70	5.00	**230506**
15.88	72.30	30.00	14.20		**232160#**
17.00	61.00	34.50	22.00	1.00	**131928**
17.00	62.40	32.70	20.50	1.50	**233132**
17.00	62.65	32.55	19.90	0.80	**135178**
17.00	63.00	34.80	20.40	3.90	**233916**
17.00	64.10	46.20	30.60	1.20	**139696**
17.00	65.80	38.20	21.50	3.50	**133951#**
17.00	67.05	26.70	11.60	0.50	**134938**
17.00	71.80	34.00	18.90	7.80	**230791**
17.00	71.90	35.55	20.80		**134325#**
17.00	72.00	36.20	21.20	7.80	**232354**

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Bore (B)	OD (A)	Width (C)	Depth (E)	Back (F)	HC-CARGO
17.00	72.30	34.30	23.20	5.90	**136453**
17.00	74.35	31.75	24.10		**134007**
17.00	75.00	34.00	29.50		**610006**
17.00	76.10	30.00	15.50		**236461**
17.00	76.15	37.40	33.30		**131203**
17.00	76.60	33.10	22.70	5.00	**231109**
17.00	77.30	32.90	14.00		**235561**
17.00	78.60	36.60	21.00	8.00	**138624**
17.00	82.00	30.80	22.80	4.00	**135744**
17.00	83.50	37.00	13.85	13.20	**137553**
17.00	84.00	34.00	19.00	7.00	**234028**
17.00	84.20	33.00	14.20		**230794**
17.00	88.00	35.00	19.60	4.50	**232357**
20.00	66.95	38.00	27.50		**133688**
20.00	77.10	45.55	35.50		**135628**
22.23	85.20	44.00	10.40	3.40	**232109**
.800	77.80	39.00	19.90	3.45	**232142**#
					333315

BELT TYPE B=12.5

Bore (B)	OD (A)	Width (C)	Depth (E)	Back (F)	HC-CARGO
15.00	70.40	36.80	26.70	5.00	**230507**
15.00	74.60	39.10	28.50		**137699**
17.00	71.50	50.00	33.50	3.40	**133952**
17.00	72.10	37.10	25.50		**134920**
17.00	75.00	39.10	21.80	4.10	**232124**
17.00	77.80	33.50	18.80	5.40	**133699**
17.00	79.00	36.90	15.00	5.80	**136159**
17.00	79.50	34.80	20.00	5.30	**136157**
17.00	79.80	39.70	31.00	3.70	**230530**
17.00	81.30	40.70	21.45	3.35	**232083**
17.00	84.00	37.60	22.40	8.00	**230792**
17.00	84.10	44.60	33.80	6.30	**231114**
17.00	87.00	35.20	19.60	2.40	**134684**
17.00	88.00	37.50	22.00	10.85	**231671**
17.00	88.00	37.60	13.30	8.00	**137433**
17.00	91.90	36.80	22.50	7.70	**234029**
17.00	93.80	45.40	29.20	7.90	**137608**
22.23	78.80	40.00	6.60	4.65	**131176**
22.23	88.00	59.00	25.50	7.90	**232103**#
22.23	89.50	39.65	6.00	4.80	**232111**
30.00	105.00	34.50	3.20		**133508**
30.00	106.80	35.00	1.80		**137818**

BELT TYPE C=17.5

Bore (B)	OD (A)	Width (C)	Depth (E)	Back (F)	HC-CARGO
17.00	78.90	48.00	28.60	3.60	**232151**
22.23	91.30	45.90	12.10	1.50	**232168**
22.23	93.80	82.50	48.70	29.50	**232118**#

Miscellaneous

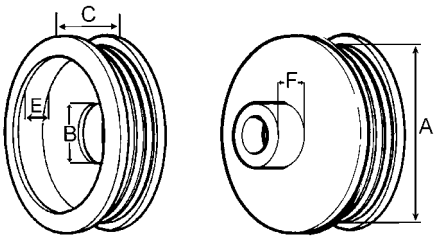
BELT TYPE DOUBLE=22

Bore (B)	OD (A)	Width (C)	Depth (E)	Back (F)	HC-CARGO
22.23	94.00	93.00	59.00	26.80	**232117**

BELT TYPE DOUBLE=A+B

Bore (B)	OD (A)	Width (C)	Depth (E)	Back (F)	HC-CARGO
17.00	71.80	39.10	21.80	4.00	**232123**#
17.00	84.80	41.60	22.20	3.30	**232121**#

Serpentine



Grooves	(B) Bore	(A) OD	(C) Width	(E) Depth	(F) Back	HC-CARGO
3	15.00	48.50	20.50	4.50	6.50	**133868**
3	17.00	54.10	15.80		1.00	**135561**
3	17.00	54.90	19.00	7.65		**134919**
3	17.00	55.50	29.90	17.00		**133692**
3	15.00	57.00	21.40	12.00	4.75	**133344**
3	15.00	57.80	20.15	5.00	7.70	**230957**
3	17.00	58.20	38.50	24.00		**135512**
3	17.00	59.40	27.30	12.00	11.55	**235039**
3	17.00	59.40	28.40	13.30	4.00	**235466**
3	15.00	59.80	24.90	10.00	9.40	**133690**
3	17.00	60.00	23.45	13.50		**135742**
3	17.00	63.80	28.00	12.80	4.00	**138657**
3	17.00	64.00	23.30	12.00		**136198**
3	17.00	64.00	41.00	26.50	4.00	**232341**#
3	22.23	87.80	55.00	20.50	3.40	**232108**#
4	15.00	49.05	22.50	13.00	4.50	**133517**
4	17.00	49.80	23.60	10.50	4.00	**330502**
4	17.00	50.00	22.55	13.10		**136092**
4	17.00	53.70	24.60			**236971**
4	17.00	53.70	39.00	25.60	6.40	**239910**
4	17.00	54.00	24.80	14.50	5.60	**234019**
4	15.00	54.10	24.70	14.60	5.30	**233944**
4	17.00	54.50	20.00	3.00		**233986**#
4	17.00	54.50	23.50	8.40	10.50	**236842**
4	17.00	54.60	19.60	9.20	0.15	**235413**
4	15.00	54.60	20.50	10.00	6.00	**236634**
4	17.00	54.60	22.40	6.80	9.90	**136941**
4	15.00	54.60	24.00	8.40	11.20	**133345**
4	17.00	54.80	24.60	12.30	6.65	**230991**
4	17.00	54.90	23.20	8.40	4.00	**236392**
4	17.00	55.00	19.20	12.90		**139971**#
4	17.00	55.00	22.20	7.15	2.77	**137535**#
4	15.00	55.00	23.30	14.30	3.80	**136096**
4	15.00	55.00	24.04	13.80	5.00	**230959**
4	17.00	55.00	25.30	10.00	9.20	**133623**
4	17.00	55.10	23.50	8.00	6.30	**136160**#
4	17.00	56.00	25.00	10.15	7.45	**135519**
4	17.00	56.00	54.80	36.80	18.00	**135776**
4	17.00	56.10	23.00	11.40		**135520**
4	17.00	56.35	28.60	12.80	10.70	**137958**
4	15.00	56.50	21.90	11.10		**133460**
4	15.00	57.50	22.50	18.25	0.30	**235532**
4	17.00	58.20	25.70	12.50	6.00	**231798**
4	17.00	59.00	23.50	7.50	11.50	**234897**
4	17.00	59.20	24.60	14.40	5.00	**332271**
4	17.00	59.40	36.40	23.70	5.70	**139106**
4	17.00	59.50	24.00	15.50	4.50	**233536**#
4	17.00	59.50	24.80	14.00	8.20	**139666**
4	15.00	59.60	23.30	7.45	10.50	**233610**
4	17.00	59.60	24.50	9.70	6.30	**235553**
4	17.00	59.60	25.20	17.70	3.60	**235414**
4	15.00	59.80	19.40	7.90	1.85	**138482**
4	17.00	59.80	21.70	11.20		**138735**
4	17.00	59.90	24.40	14.00		**236085**
4	17.00	60.00	18.95	6.00		**135511**
4	17.00	60.00	20.70	5.00	5.00	**139135**
4	15.00	60.00	21.35	6.50	10.30	**230139**
4	17.00	60.00	21.40	13.00		**133404**#
4	17.00	60.00	22.27	7.00	11.00	**139346**

All measurements are in mm, unless else stated.

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#Available while stock last, * Program development.

Grooves	(B) Bore	(A) OD	(C) Width	(E) Depth	(F) Back	HC-CARGO
4	17.00	60.00	22.80	16.00	3.00	**138992**
4	17.00	60.00	23.00	10.00	5.00	**232340**
4	17.00	60.00	23.40	9.20	10.30	**139324**
4	15.00	60.00	24.75	14.70	5.10	**138973**
4	17.00	60.00	25.70			**236724**
4	15.00	60.00	26.60	11.78	11.27	**139348#**
4	17.00	60.00	42.00	27.00		**135530**
4	15.00	60.10	21.50	9.25	1.20	**136040**
4	17.00	61.00	54.80	36.80		**135584**
4	17.00	61.05	21.10	7.20	7.25	**133343#**
4	17.00	61.70	34.40	20.50		**136154**
4	17.00	62.00	26.10	11.25	5.90	**136350**
4	17.00	62.55	23.90	12.75	5.00	**136454#**
4	17.00	62.70	23.80	10.00		**135458#**
4	17.00	63.40	23.00	7.80	10.00	**137844**
4	17.00	64.71	22.55			**238546**
4	17.00	65.00	22.20	7.10	11.20	**138395**
4	17.00	65.00	22.50	11.00	1.99	**138483**
4	15.00	65.00	24.60	9.00	10.40	**136041**
4	15.00	65.30	21.10	5.00	10.90	**135424**
4	17.00	65.70	35.45	19.60	6.00	**136161**
4	17.00	66.00	23.60	17.00		**232348#**
4	17.00	66.60	21.90	9.00		**134518**
4	17.00	68.10	20.30	10.80		**133624**
4	15.00	69.70	21.30	8.30	6.25	**135595**
4/6	17.00	59.80/62.80	48.40	33.40	8.50	**133348**
5	17.00	47.40	34.16	24.00	0.00	**230977**
5	17.00	48.00	24.50	16.50		**230142**
5	17.00	48.10	30.20	15.15	6.20	**137031**
5	17.00	49.90	36.20	21.35	11.20	**137385**
5	15.00	50.00	26.10	17.00	4.00	**136081**
5	17.00	50.00	27.50	17.00	0.80	**231973**
5	17.00	50.00	42.40	31.00		**230718**
5	15.00	51.60	27.80	17.50	4.00	**137662**
5	17.00	52.00	41.40	26.90	4.40	**231846**
5	17.00	52.20	27.10	17.20		**234697#**
5	17.00	53.00	37.50	22.00	4.00	**232355**
5	17.00	53.50	32.30	22.00	4.00	**231857**
5	17.00	53.50	37.50	31.00	0.55	**236735**
5	17.00	53.60	37.10	22.25	4.04	**238304**
5	17.00	53.70	30.80	19.40	3.50	**139943**
5	17.00	54.00	27.00	19.50	0.50	**230475**
5	15.00	54.00	27.90	17.00	6.00	**132835**
5	17.00	54.00	29.70	14.40	6.50	**236619**
5	17.00	54.30	28.10	14.50	4.60	**234627**
5	17.00	54.50	27.70	17.85	5.00	**137655**
5	17.00	54.50	29.50	16.50		**232342#**
5	17.00	54.50	38.00	19.30	6.00	**138786**
5	17.00	54.60	28.00	11.90	3.30	**232087**
5	17.00	54.75	31.00	21.00	4.20	**136961**
5	15.00	54.80	24.70	12.00		**132833**
5	17.00	54.80	27.20	11.80	11.50	**331554**
5	17.00	55.00	23.50	16.50		**137734**
5	17.00	55.00	26.00	14.00	7.00	**136039**
5	17.00	55.00	26.60	15.90		**135531**
5	15.00	55.00	32.00	17.00	10.44	**231113**
5	17.00	55.00	34.30	18.80	11.00	**230953**
5	17.00	55.50	30.50	16.50	8.00	**232359**
5	17.00	55.50	31.10	19.00	4.00	**235415**
5	17.00	55.90	27.35	11.45	1.00	**137255**
5	17.00	55.90	35.00	24.20	7.90	**139136**
5	17.00	55.95	23.23	13.88		**610135**
5	17.00	56.00	23.20	14.00		**131842**
5	17.00	56.00	24.10	8.50	0.20	**230240**
5	17.00	56.00	25.60	11.50	4.00	**136349**
5	17.00	56.00	26.60	12.80	4.30	**235038#**
5	17.00	56.20	25.80	15.50	1.00	**235412#**
5	17.00	56.50	24.00	13.00	7.00	**231284**
5	17.00	56.50	27.50	14.90	4.50	**139316**
5	17.00	56.50	37.00	30.00	0.50	**234365**
5	17.00	58.40	42.00	27.20	7.50	**234625**
5	17.00	58.50	43.50	29.00	3.50	**230008#**
5	17.00	59.00	27.80	10.60	12.60	**139862**
5	15.00	59.10	30.10	18.40	6.30	**235410**
5	17.00	59.50	28.50	18.20	5.00	**237601**
5	17.00	59.70	42.50	26.60	6.50	**136151**
5	17.00	60.00	20.50	17.30		**137252**
5	17.00	60.00	26.40	12.50	3.60	**139863**
5	17.00	60.00	26.80	10.60	11.00	**230958**
5	17.00	60.00	34.10	27.40	0.00	**230177**
5	17.00	60.10	28.60	16.80	7.30	**136608**
5	17.00	62.00	25.50	18.20	0.00	**139219**
5	17.00	62.20	26.20	12.00	4.30	**235446#**
5	17.00	62.30	25.70	14.50	5.50	**138658**
5	15.00	62.50	25.25	13.85		**134860**
5	17.00	62.50	25.50	7.50		**137253#**
5	17.00	62.90	33.00	19.00	11.25	**135743**
5	17.00	63.10	28.40	17.30	4.85	**136452#**
5	15.00	64.30	28.40	17.30	5.00	**133685**
5	17.00	65.00	23.50	11.50	7.00	**231672**
5	17.00	65.00	26.30	18.50	3.00	**138281**
5	17.00	65.50	36.50	20.50	8.50	**232337#**
5	17.00	66.00	38.50	23.00	6.00	**231635#**
5	17.00	67.00	24.60	21.80		**135441#**
5	17.00	67.80	27.90	16.00	2.00	**133626#**
5	17.00	69.50	26.10	15.40	6.90	**136959**
5	17.00	69.70	26.30	18.80		**232079#**
5	17.00	69.80	28.10	18.00	5.10	**232347#**
5	22.00	80.00	63.00	25.90	22.50	**230826#**
6	17.00	44.00	29.30	26.40		**137251**
6	17.00	47.60	37.70	28.90	0.60	**330942**
6	17.00	47.80	26.60	11.10		**137254**
6	17.00	48.00	27.00	20.00		**231258**
6	17.00	48.20	28.50	15.30	4.00	**236096**
6	17.00	48.30	31.60	21.60	5.00	**330409**
6	17.00	48.40	33.00	22.60	4.70	**235587**
6	17.00	48.50	31.50	15.50	3.00	**232126#**
6	17.00	48.50	31.50	17.00	4.00	**234540**
6	17.00	48.80	29.50	22.00		**235591**
6	17.00	48.90	30.30	16.25	3.60	**231398**
6	17.00	48.90	37.00	24.80	8.00	**239905#**
6	17.00	49.00	29.00	17.00		**235373**
6	17.00	49.00	30.30	15.30	11.40	**235228**
6	17.00	49.00	31.00	21.50	0.50	**236726**
6	17.00	49.00	31.00	21.50	5.00	**235411#**
6	17.00	49.00	38.50	24.80	9.20	**234843**
6	17.00	49.10	36.20	33.00	5.60	**231441**
6	17.00	49.20	32.70	18.00	7.50	**234994**
6	17.00	49.30	41.30	26.20	4.00	**232333**
6	17.00	49.50	26.90	19.70	0.18	**231715**
6	17.00	49.50	31.50	16.50	4.00	**236115**
6	17.00	49.50	37.50	21.50		**138070**
6	17.00	49.80	40.80	25.30		**137249**
6	17.00	49.80	49.10	34.40	8.30	**136937**
6	17.00	49.85	38.90	23.68	3.88	**330387**
6	17.00	50.00	27.20	20.00	0.10	**136471**
6	17.00	50.00	29.00	14.00	3.50	**232097#**
6	17.00	50.00	29.00	18.00	7.20	**236550**
6	17.00	50.00	30.00	14.00	1.00	**231723**
6	15.00	50.00	32.00	22.00	2.50	**231283**
6	17.00	50.00	32.50	19.00	5.50	**136601**
6	17.00	50.00	35.30	28.50	0.70	**235566**
6	17.00	50.00	37.50	22.30	11.20	**330709**
6	17.00	50.00	38.00	32.20	7.50	**131844**
6	17.00	50.20	29.40	25.60		**139310**
6	17.00	51.00	28.40	18.30	4.05	**235269**
6	17.00	51.70	62.20	46.30	0.30	**138072**
6	17.00	52.00	31.40	16.60	4.40	**232353**
6	17.00	52.00	56.00	41.30	8.50	**231634**
6	17.00	52.05	46.00	30.50		**231110**
6	17.00	52.10	30.30	15.00		**137960**
6	17.00	52.50	30.00	23.00	0.50	**234366**
6	17.00	53.00	49.00	34.30	4.00	**330655**
6	17.00	53.50	29.30	14.30	9.40	**234626**
6	17.00	53.50	36.00	23.00	4.00	**236599**
6	17.00	53.60	32.00	19.00	3.90	**332156**

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

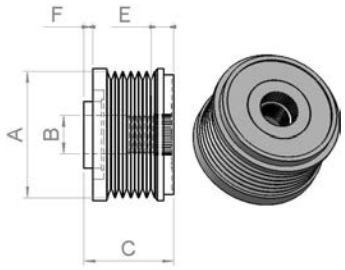
Grooves	(B) Bore	(A) OD	(C) Width	(E) Depth	(F) Back	HC-CARGO
6	17.00	53.90	32.00	22.80	5.50	**236489#**
6	17.00	54.00	25.75	15.00		**230288**
6	15.00	54.00	32.00	22.50	4.70	**137679#**
6	17.00	54.10	29.20	19.00	4.00	**234993**
6	17.00	54.30	28.00	18.60	4.00	**232352**
6	15.00	54.30	32.30	20.90	6.65	**230534**
6	17.00	54.30	39.40	22.50	5.30	**136351**
6	17.00	54.40	25.50	17.30	1.00	**232349**
6	17.00	54.50	28.00	19.25	4.20	**233597**
6	17.00	54.50	39.50	27.50	12.50	**231428**
6	17.00	54.60	29.00	18.00		**133742**
6	17.00	54.60	29.90	16.00	4.40	**235162**
6	17.00	54.60	30.70	15.40	5.00	**333132**
6	17.00	54.60	33.30	18.70	5.60	**136153**
6	17.00	54.70	32.20	19.10	4.60	**236850**
6	17.00	54.80	32.00	16.45	5.00	**231111**
6	17.00	54.80	40.00	25.00	4.00	**330849**
6	17.00	55.00	25.50	15.00		**233971**
6	17.00	55.00	27.00	20.00		**135529**
6	17.00	55.00	30.50	15.00	12.40	**238486**
6	17.00	55.00	31.35	20.00		**139452**
6	17.00	55.00	31.50	16.00	3.50	**133941**
6	17.00	55.00	35.50	19.75	11.35	**137963**
6	17.00	55.00	41.50	23.60	5.70	**139109#**
6	17.00	55.00	42.90	28.15	3.80	**137701**
6	17.00	55.10	30.30	18.00	6.20	**137702**
6	17.00	55.20	38.20	33.70		**131845**
6	17.00	55.50	37.50	30.00		**235533**
6	17.00	55.80	37.15	27.20		**139932**
6	17.00	56.00	27.70	23.80		**233850#**
6	17.00	56.00	27.75	12.10		**139493#**
6	17.00	56.00	28.90	13.20	1.15	**138064**
6	17.00	56.00	28.90	21.60		**233216**
6	17.00	56.00	29.50	17.80	8.00	**232334**
6	17.00	56.00	29.50	25.40	1.00	**230956**
6	17.00	56.00	30.00	17.90	3.90	**136958**
6	17.00	56.00	34.00	19.00	10.60	**231112**
6	17.00	56.00	37.20	22.10	0.25	**139247**
6	17.00	56.10	29.79	14.50	3.39	**137056**
6	17.00	56.10	32.50	13.30	4.40	**137516**
6	17.00	56.50	24.90	18.55		**138069**
6	17.00	56.50	34.10	18.85	10.50	**137964**
6	17.00	56.58	30.82	17.53	3.64	**330073**
6	17.00	56.80	41.00	26.40	1.00	**136162**
6	17.00	57.00	26.30	10.80		**233849**
6	17.00	57.00	31.00	20.90	5.50	**230954**
6	17.00	57.00	33.00	27.00	5.00	**137248#**
6	17.00	57.10	46.00	35.25	5.00	**137959**
6	17.00	57.30	25.50	18.40		**239986**
6	17.00	57.40	41.00	26.00	3.80	**235467#**
6	17.00	57.50	53.60	38.25	3.60	**136150**
6	17.00	57.80	29.70	16.50	3.60	**236404**
6	17.00	57.90	26.60	17.40	5.00	**330054**
6	17.00	58.00	26.80	11.30	0.00	**230239**
6	17.00	58.00	27.50	12.50	10.50	**232156#**
6	17.00	58.00	31.40	20.20	5.00	**232165**
6	17.00	59.00	28.80	13.80	0.30	**139970**
6	17.00	59.00	51.20	37.00		**135356**
6	17.00	59.40	29.00	18.90	5.80	**233537**
6	17.00	59.50	31.00	15.00	11.00	**234116#**
6	17.00	59.65	39.90	29.90	4.00	**332280**
6	17.00	59.80	29.50	18.40		**133870**
6	17.00	60.00	31.20	10.15		**230720**
6	17.00	60.00	32.10	21.40	6.60	**135454**
6	17.00	60.00	36.40	24.15	3.75	**234377**
6	17.00	60.50	28.05	24.30		**136700**
6	17.00	61.95	37.30	26.90	5.00	**139412**
6	17.00	62.00	38.50	21.00	5.50	**231301**
6	17.00	62.00	45.80	30.30		**138066**
6	17.00	62.10	31.20	15.80	4.00	**234039**
6	17.00	62.20	37.70	34.80		**131846**
6	17.00	62.35	34.50		0.00	**330185**
6	17.00	62.50	28.60	13.00	3.90	**135745**
6	17.00	62.50	29.50	22.50	0.50	**230290**
6	17.00	62.50	30.00	17.30	4.00	**232345**
6	17.00	62.50	33.00	17.00	11.00	**234155#**
6	17.00	62.50	36.90	20.90	7.50	**138463**
6	17.00	62.80	25.10	18.80		**136704**
6	17.00	62.90	25.10	18.65		**135562**
6	17.00	63.00	30.00	18.70	6.50	**138720**
6	17.00	63.70	34.20	19.20	11.10	**233538**
6	17.00	64.40	30.40	16.20	4.50	**233848**
6	17.00	64.50	30.50	15.00	11.50	**231119**
6	17.00	64.70	26.50	13.10	1.00	**136859**
6	17.00	64.70	26.50	20.00	1.00	**234602**
6	17.00	64.80	31.10	21.00	5.00	**235590#**
6	17.00	65.00	26.00	9.20		**137554**
6	17.00	65.00	28.00	17.40	1.00	**135550**
6	17.00	65.00	32.70	20.90	3.50	**231636**
6	17.00	66.00	29.00	13.50	3.40	**232096#**
6	17.00	66.50	32.50	18.00	5.50	**232339**
6	17.00	67.05	30.30	15.30	10.70	**139191**
6	17.00	67.50	35.00	22.00	10.00	**138495**
6	17.00	67.80	37.20	30.00		**230121**
6	17.00	68.00	31.00	14.00	12.00	**231332**
6	17.00	68.00	41.40	31.20	0.20	**234026**
6	17.00	69.25	31.80	17.85	7.40	**136042**
6	17.00	70.00	27.20	20.00		**135426**
6	17.00	71.00	31.70	15.25	3.40	**230531**
7	17.00	45.00	30.00	14.50		**139002**
7	17.00	48.50	31.40	21.30	0.10	**233507**
7	17.00	49.00	34.50	24.50	0.50	**236721**
7	17.00	49.00	37.50	18.50	5.80	**139314**
7	17.00	49.20	36.10	21.30	3.60	**236137**
7	17.00	53.60	43.90	29.00	0.50	**138065**
7	17.00	54.65	37.86	22.90	4.00	**331715**
7	15.00	54.70	34.40	24.50	2.20	**234123**
7	17.00	56.00	27.90	11.00		**137605**
7	17.00	56.70	29.30	24.50	1.10	**137095**
7	15.00	59.35	35.40	23.50	6.00	**132834**
7	17.00	62.00	39.00	25.50	5.50	**232336#**
7	17.00	62.40	35.00	18.50	4.10	**232133**
7	17.00	66.50	37.00	18.00	5.50	**231632**
8	17.00	50.00	34.80	30.80	0.15	**233940**
8	17.00	50.00	45.90	40.70	9.70	**135606**
8	17.00	54.50	38.50	28.00	5.00	**232155#**
8	17.00	54.70	38.50	28.50	1.00	**235081**
8	22.23	57.00	38.00	4.19	2.85	**232116**
8	17.00	57.70	35.00	27.30	1.90	**333309**
8	17.00	57.90	39.20	22.00	12.60	**232137**
8	19.00/25.00	58.00	45.00	30.00	8.45	**232095**
8	18.00/20.00	61.00	36.90	20.00		**136902**
8	17.00	61.20	44.20			**235481**
8	21.50/24.50	62.00	44.00	26.50	3.50	**232098**
8	17.00	62.50	39.00	22.00	4.00	**232132**
8	17.00	63.10	37.70	26.70	5.10	**232164**
8	17.00	64.10	36.40	22.25		**232139**
8	17.00	67.30	44.80	27.40	7.65	**232131**
8	17.00	68.00	39.30	22.40	12.50	**232138**
8	22.23	69.00	41.50	8.00	3.50	**232115**
8	17.00	72.00	33.20	17.80	6.85	**330965**
8	17.00	72.00	36.80	27.50	3.40	**231092**
8	17.00	72.00	42.00	30.00		**235811**
8	22.23	72.10	43.17	12.97		**610208#**
8	22.23	82.60	37.60	4.00	3.30	**232114**
9	22.23	72.00	40.40	6.50	6.00	**232112#**
9	17.00	76.60	37.10	30.70		**333469**
10	17.00	62.00	41.82	34.96		**235793**
10	17.00	62.00	42.10	29.50	7.20	**332012**
10	30.00	90.00	38.40	7.95		**234016**
11	17.00	77.00	49.50	37.40		**234968**
12	17.00	68.90	47.90	36.30	6.80	**332011**
12	17.00	69.50	47.50	40.10		**234354**

All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

#Available while stock last, * Program development.

Freewheel



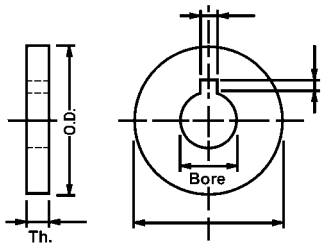
Grooves	(B) Bore	(A) OD	(C) Width	(E) Depth	(F) Back	HC-CARGO
1	17.00	82.00	34.20			235071
5	17.00	48.80	36.90		4.00	233590
5	17.00	48.80	37.40		4.00	332322
5	17.00	49.70	37.70	14.40	4.20	333133
5	17.00	49.70	37.70	14.40	4.55	233847
5	17.00	49.75	45.30		5.10	230297
5	17.00	52.00	37.70		4.45	238339
5	17.00	53.60	34.70	7.60	0.10	333073
5	17.00	54.00	39.80	14.10	4.90	333069
5	17.00	54.00	40.00	15.00		333455
5	17.00	54.00	40.10	6.70	0.70	333075
5	17.00	54.00	40.60		6.10	235732
5	17.00	54.10	40.40		0.00	236762
5	17.00	54.10	44.90		4.90	333087
5	17.00	54.40	40.40		6.52	235505
5	17.00	54.50	43.00/3.50		7.80	333026
5	17.00	55.50	37.25/40.75	1.00/4.5		230309
5	17.00	55.50	39.00		5.00	331742
5	17.00	55.65	34.21	1.90		331651
5	17.00	55.75	37.30		2.00	138282
5	17.00	55.80	35.00		0.60	230302
5	17.00	55.80	35.00		0.70	237600
5	17.00	55.80	36.35		0.60	332295
5	17.00	55.85	35.10		0.60	230083
5	17.00	55.85	36.60		1.10	332318
5	17.00	55.90	37.40		2.00	235507
5	17.00	56.00	33.40		0.50	230304
5	17.00	56.20	42.80		1.10	332290
5	17.00	56.90	42.80		0.00	237280
5	17.00	56.90	42.85		0.00	235800
5	17.00	56.90	43.00	2.65	0.00	331925
5	17.00	57.00	40.20		5.35	330063
5	17.00	58.00	38.40	12.10	4.80	332310
5	17.00	58.00	40.80		5.60	236332
5	17.00	59.60	34.40		0.60	230527
5	17.00	60.00	36.30		4.10	237587
5	15.00	60.00	36.40		5.10	237582
5	17.00	60.00	36.50	7.60	1.00	333335
5	17.00	61.65	38.50	1.00	5.50	235696
6	17.00					333338*
6	17.00	48.70	38.30		4.20	230524
6	17.00	48.70	38.30		5.00	332301
6	17.00	48.70	40.00		0.20	235477
6	17.00	48.70	40.00		5.40	235874
6	17.00	49.00	33.60		0.60	233530
6	17.00	49.00	34.50		0.65	237355
6	17.00	49.00	38.40		4.25	238426
6	17.00	49.10	31.90	11.30	0.40	333336
6	17.00	49.15	33.60		0.40	234169
6	17.00	49.21	37.50	11.30	1.00	332033
6	17.00	49.30	40.00		4.55	237619
6	17.00	49.30	40.00		4.55	B237619
6	17.00	49.35	40.15			235695
6	17.00	49.35	40.15			235695
6	17.00	49.40	40.85	1.90	3.50	330473
6	17.00	49.40	41.80		4.60	235801
6	17.00	49.50	40.20		6.15	139281
6	17.00	49.65	36.20		0.20	235478
6	17.00	49.70	34.50		0.60	235506
6	17.00	49.70	39.25		6.10	230292
6	17.00	49.70	45.75	2.00	11.60	332100
6	17.00	49.80	35.20		1.90	234796
6	17.00	49.80	35.60		2.20	230307
6	17.00	49.80	36.20		1.90	332308
6	17.00	49.80	39.20		6.20	232624
6	17.00	49.80	39.80	17.00	4.30	333065
6	17.00	49.80	43.30		1.00	332302
6	17.00	50.00	38.00		2.75	332296
6	17.00	50.00	40.00		1.00	332293
6	17.00	50.00	40.20		1.00	332292
6	17.00	52.15	40.15		5.31	233989
6	17.00	52.40	63.50	7.30	-3.90	330716
6	17.00	52.65	33.60		0.00	230315
6	17.00	53.00	36.50	17.30	4.00	235873
6	17.00	53.00	44.60		4.55	332312
6	17.00	53.10	36.90		3.40	234401
6	17.00	53.60	34.50	1.83	0.90	330356
6	17.00	53.70	38.25	14.40	3.80	333076
6	17.00	53.73	48.25		5.00	332046
6	17.00	53.75	42.10	2.12	6.45	330921
6	17.00	53.90	39.60		4.70	330221
6	17.00	54.00	37.40		4.30	332316
6	17.00	54.00	38.00		4.35	236995
6	17.00	54.00	39.50		4.00	332311
6	17.00	54.00	40.85		5.00	330287
6	17.10	54.00	41.80		3.50	332307
6	17.00	54.00	50.30	11.10	3.90	333083
6	17.00	54.00	51.00	13.50	5.00	333453
6	17.00	54.10	33.50		0.75	234056
6	17.00	54.10	38.90		5.20	237610
6	17.00	54.14	40.00		4.00	331659
6	17.00	54.20	39.40		6.25	235503
6	17.00	54.30	32.70	11.10	3.80	332321
6	17.00	54.30	33.50		0.75	234127
6	17.00	54.30	35.10		3.25	230523
6	17.00	54.30	38.00		1.50	332305
6	17.00	54.30	38.25		6.30	330240
6	17.00	54.30	38.45		4.25	234794
6	17.00	54.60	36.20		4.50	332320
6	17.00	54.70	40.40	28.50	1.00	333323
6	17.00	54.80	38.10	14.40	3.75	333070
6	17.00	54.80	43.30		4.00	332315
6	17.00	54.90	36.10	11.10	0.50	333077
6	17.00	54.90	42.30		8.40	231584
6	17.00	54.90	43.40		4.00	333025
6	17.00	55.00	40.45		6.55	238733
6	17.00	55.00	42.00	11.10	7.20	333136
6	17.00	55.00	42.20	17.62	4.40	333081
6	17.00	55.00	43.00	10.40	4.00	332486
6	17.00	55.00	44.70		11.00	330339
6	17.00	55.10	37.55		3.50	235733
6	17.00	55.60	35.70		1.20	138807
6	17.00	55.60	36.50		1.00	332291
6	17.00	55.60	37.20		1.00	332294
6	17.00	55.60	41.65		7.00	230314
6	17.00	55.60	42.60		5.20	332298
6	17.00	55.65	35.50		2.50	235476
6	17.00	55.65	36.55		3.75	235424
6	17.00	55.70	38.00/41.50	3.50	2.70	230305
6	17.00	55.70	40.95		1.00	138203
6	17.00	55.80	37.80		1.80	230296
6	17.00	55.80	40.10		3.85	230522
6	17.00	55.80	41.60	15.75	6.00	332300
6	17.00	55.85	39.30		4.30	234569
6	17.00	55.87	35.90		1.50	230519
6	17.00	55.90	35.00		0.70	230306
6	17.00	55.90	40.80		0.35	230293
6	17.00	55.90	42.80		0.85	332317
6	17.00	56.00	35.60		0.40	234795
6	17.00	56.00	35.60		0.40	234795
6	17.00	56.00	40.80	10.50	0.45	333074
6	17.00	56.00	42.80/46.30		1.00	332319
6	17.00	56.00	43.70		5.20	237320
6	17.00	56.40	36.80		1.10	235331
6	17.00	56.65	36.60		2.75	230526
6	17.00	57.37	49.70	2.50	2.80	239914
6	17.00	57.40	51.40		6.00	331792
6	17.00	57.77	36.52		-1.50	330895
6	17.00	57.90	42.80	12.00	9.10	333331
6	17.00	58.00	45.00	12.35	4.35	235794
6	17.00	58.00	49.20	26.40	14.70	235877
6	17.00	58.00	51.00	11.00	0.00	333071

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Grooves	(B) Bore	(A) OD	(C) Width	(E) Depth	(F) Back	HC-CARGO
6		58.70				333082
6	17.00	58.70	36.00		2.20	235494
6	17.00	58.70	39.50		1.75	332309
6	17.00	58.75	41.50		7.00	230525
6	17.00	59.40	35.50		0.50	233990
6	15.00	59.40	38.50		2.50	237500
6	17.00	59.59	39.07		5.51	238690
6	17.00	59.60	36.90		4.00	234867
6	17.00	59.60	37.00		4.00	230308#
6	17.00	59.60	42.40		5.20	332314
6	17.00	59.65	38.10		4.30	235479
6	17.00	59.70	39.50		0.10	332304
6	17.00	60.00	37.80	14.40	4.30	333084
6	17.00	61.45	40.40		8.50	235719
6	17.00	61.50	37.20		5.40	230313
6	17.00	61.50	41.50		6.00	332297
6	17.00	61.50	43.40	14.10	8.00	333135
6	17.00	62.50	38.15		4.00	330359
6	17.00	64.60	38.50	11.10	0.50	333072
6	17.00	64.70	38.65		1.00	230303
6	17.00	67.50	41.30		9.15	234675
6	17.00	67.90	40.10		6.10	230520
6	17.00	68.00	26.00	25.00	1.50	333067
6	17.00	87.00	45.00		0.10	235865
7	15.00					333634*
7	17.00	48.60	40.80		6.00	330200
7	17.00	48.80	40.70	16.00	4.60	333340
7	17.00	49.00	34.20	11.10	0.20	333064
7	17.00	49.00	35.90		2.20	238734
7	17.00	49.00	38.30	11.10	0.40	333337
7	17.00	49.10	38.20	2.26	4.00	330516
7	17.00	49.70	40.00		5.90	230311
7	17.00	49.75	39.30	1.35	6.15	235697
7	17.00	50.00	49.30		4.50	235812
7	17.00	52.50	41.10	10.50	4.30	333062
7	17.00	54.88	39.05		5.72	330850
7	17.00	55.00	45.10		2.50	332306
7	17.00	55.00	50.00			333454
7	17.00	55.50	50.00		3.90	333080
7	17.00	55.65	44.50		10.30	234793
7	17.00	57.67	36.25		5.90	330527
7	15.00	58.10	41.30		3.55	332133
7	17.00	58.10	41.30	11.70	7.45	236763
7	17.00	58.65	37.50	2.20	3.55	235720
7	17.00	59.00	40.20		2.70	332299
7	17.00	59.00	69.00	8.67		333449
7		59.00	79.00	17.00		333450
7	17.00	59.15	35.10		0.51	233657
7	17.00	59.15	36.60		0.80	332303
7	17.00	59.15	45.00		9.80	235157
7	17.00	59.70	39.00		5.20	230521
7	17.00	60.00	39.90	13.60	3.40	333085
7	17.00	64.74	39.32		4.34	330341
7	17.00	68.20	40.60		7.14	237674
7	17.00	70.05	39.30		5.10	330634
8	17.00	49.90	43.50		9.40	235508
8	17.00	50.30	39.70	1.55	5.95	235721
8	17.00	56.00	38.65	4.40	2.85	235718
8	17.00	57.25	38.92		5.26	330281
8	17.00	57.40	37.40		1.30	235504
8	17.00	57.50	45.35		9.25	235716
8	17.00	57.70	36.00		0.60	235439
8	17.00	59.50	42.50		3.80	332313
8	17.00	59.60	39.00		4.00	238068
8	17.00	71.35	39.65		7.80	235875
8	17.00	71.40	43.80		7.23	235717
18	17.00	61.80	33.60		0.00	333134
18	17.00	62.00	33.60		0.00	236531
	17.00					333346
						333468*
						333466*
						333467*
						333670*
	17.00	62.00	51.10	11.00	0.00	333078
		81.00	157.00			333451

Spacers for Pulleys



HC-CARGO	ID	OD	Thickness
137452	10.60	21.00	2.70
230995	14.00	28.00	8.00
136013	15.00	20.00	11.15
610184	15.00	21.00	7.50
610063	15.00	25.00	1.50
610153	15.00	25.00	9.20
610027	15.00	30.00	12.00
610033	15.00	35.00	2.70
610034	15.00	35.00	9.20
233341	15.00	47.00	14.00
234201	15.10	21.12	7.24
234200	15.10	21.40	9.50
134273	15.50	21.60	5.90
234353	16.40	55.00	2.00
235022	16.95	24.30	4.30
232171	17.00	20.00	13.50
232169	17.00	22.00	13.50
232170#	17.00	22.00	17.00
136238	17.00	22.00	9.00
133948	17.00	22.20	10.00
133945	17.00	22.20	5.00
231506#	17.00	23.00/32.70	12.00
610026	17.00	25.00	12.00
610028	17.00	25.00	16.00
610023	17.00	25.00	18.00
610031	17.00	25.00	5.50
133946	17.00	25.50	10.10
133947	17.00	25.50	3.00
137193	17.00	25.50	5.30
137194	17.00	25.50	5.80
137198	17.00	25.50	6.50
610062	17.00	27.00	1.00
231352	17.00	27.00	5.50
234951	17.00	27.00	7.00
234004	17.00	27.00	7.50
137196	17.00	28.50	1.00
610025	17.00	30.00	12.00
610029	17.00	30.00	14.50
610022	17.00	30.00	17.00
138774	17.00	30.00	4.40/5.10
135314	17.00	30.00	6.00
610030	17.00	30.00	6.50
610024	17.00	30.00	8.00
137200	17.00	33.00	5.00
610036	17.00	35.00-25.00	10.50
137195	17.00	36.00	3.00
139931	17.00	39.00	5.00
139907	17.00	44.00	5.00
610061	17.00	45.00	1.00
610040	17.00	45.00	2.00
610021	17.00	45.00	6.50
137197	17.00	46.60	6.10
235330#	17.00	60.00	2.50
610041	17.50	35.00	
610185	20.00	27.00	7.80
231602	20.00	28.90	7.20
234363	22.00	40.00	6.05
232749#	22.23	35.00	13.70
232645#	22.23/7/8"	34.70	5.00
235233#	24.00x17.20	27.00	4.78
231666	27.00	42.00	2.30
230822	30.00	38.00	13.00
610035			
610133#			
610032			3.50

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Tools



210050 Multi Tool

Pulley: HC-CARGO 330716.



210051 Multi Tool

Servicing: HC-CARGO 330716

To be used w/ HC-CARGO 210050.



210843 Combi Tool

Servicing: Bosch Alternators

33 teeth combi tool for the disassembly and assembly of the free wheel pulley. XZN 10x110 mm, w/ 1/2" socket and 22 mm hexagon.



210873 Combi Tool

Servicing: Magneti Marelli

For removing and installing of rubber clutch pulley. 200 mm spec. tool + 8x100 mm allen wrench w/ 1/2" socket.



210877 Combi Tool

Servicing: Bosch

For removing and installing of rubber clutch pulley. XZN 10x112 mm w/ 1/2" socket and 30/28 mm hexagon.



210909 Combi Tool

Servicing: Valeo Alternators

33 teeth combitool for disassembly and assembly of free wheel pulley. Torx 50x110 mm, w/ 1/2" socket and 22 mm hexagon.



210948 Combi Tool

Servicing: Audi, VW, MB, SEAT, Skoda

33 teeth combi tool for the disassembly and assembly of the free wheel pulley, XZN 10x135 mm, w/ 1/2" socket and 22 mm hexagon.



211081 Combi Tool

Servicing: Valeo

For removing and installing of rubber clutch pulley. XZN 10x128 mm w/ 1/2" socket and 28/19 mm hexagon.



211129 Combi Tool set for Freewheel Pulley

Servicing: Audi, BMW, Citroen, Chrysler, Fiat, Ford, Mercedes, Mazda, Opel, Peugeot, Porsche, Renault, Saab, Seat, Skoda, Toyota

23 parts. For removing/installing of freewheel pulley.



211130 Combi Tool

Servicing: HC-CARGO 211129

*Combi Tool 36R *H17*4 pins.*



211131 Combi Tool

Servicing: HC-CARGO 211129

*Combi Tool H38 * 3 pins.*



211132 Combi Tool

Servicing: HC-CARGO 211129

*Combi Tool H22.1*H28.1.*



211133 Combi Tool

Servicing: HC-CARGO 211129

*Combi Tool H19*H28.*



211134 Combi Tool

Servicing: HC-CARGO 211129

*Combi Tool H21*H28.*



211135 Combi Tool

Servicing: HC-CARGO 211129

*Combi Tool H22*33T.*

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O.E.M. names and numbers are used for reference purposes only.



211136 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool H15*33T(18R).*



211137 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool H15*33T(19.7R).*



211138 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool H17*35 mm.*



211139 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool H22*30 mm.*



211140 Combi Tool
Servicing: HC-CARGO 211129
Combi Tool 1/2"DRx1/2"adapter.



211141 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 12R*75 mm*M10.*



211142 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 12R*75 mm*M8.*



211143 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 12R*75 mm*H10.*



211144 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 12R*75 mm*H8.*



211145 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 12R*75 mm*T50.*



211146 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 12R*75 mm*T40.*



211147 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 16R*64 mm*M10.*



211148 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 3/8"DR*M10*31T.*



211149 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 1/2"DR*110L*M10.*



211150 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 1/2"DR*113L*M10.*



211151 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 1/2"DR*113L*T50.*



211152 Combi Tool
Servicing: HC-CARGO 211129
*Combi Tool 1/4"DR*10MM/35L.*

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Mounting Bushings

Type A



HC-CARGO	ID	OD	Length
231520	8.40	13.40	15.40
137801	10.00	18.30	18.00
231309	10.10	18.30	15.40
134783#	12.00	19.50	16.20

Type B



HC-CARGO	ID	OD	Length
230220#	8.00	13.05	11.00
134774	8.00	13.05	20.00
136461	8.00	13.50	20.00
134775	8.00	14.00	20.00
137379#	8.00	18.00	22.00
138088#	8.00	21.00	20.00
135211#	8.20	13.60	20.00
138086	8.50	18.07	20.00
134278	8.60	15.30	15.30
134964	10.00	15.00	18.00
139966	10.00	15.00	13.00
134277	10.00	16.50	15.30
233338	10.00	17.00	20.00
137263	10.00	18.10	20.00
137400	10.00	19.03	18.30
230508	10.20	20.20	22.00
139245	10.20	21.00	18.00
137262	10.30	21.00	22.00
234575	10.50	17.10	16.00
234265	10.84	21.07	29.57
134782	12.00	19.70	22.00
137408	12.20	21.10	27.00
137461	12.30	18.00	27.00
137343	12.30	18.08	22.00
230079	12.50	21.00	22.00
138240	12.50	21.20	25.00
232737	12.70	22.23	20.30
138241	13.30	21.15	20.00
233276#	13.35	19.35	20.30
139968	13.40	21.30	27.00

Type C



HC-CARGO	ID	OD	Length
138451	8.00	13.00	21.00
135281#	8.30	17.00/22.00	15.00
135216	8.40	14.00	13.00
138243	9.00	11.00/20.00	8.00
135421	10.00	16.50/22.00	20.70
134676	10.10	16.60	16.00
138435	10.20	14.00	17.80
230910	10.20	16.80/21.50	13.00
233569	10.40	16.50/26.00	13.00
234825	10.50	15.50	18.30
232669	10.50	15.50/22.50	18.20
134276	10.50	17.00/22.00	15.00
233313#	10.60	22.40	20.15
138089	11.00	14.00/21.50	8.10
234713	11.00	18.60	26.00
139621	M12	16.15	20.90

Type D



HC-CARGO	ID	OD	Length
232063	8.80	15.00	25.00
139747	8.85	13.50	25.20
137497	10.00	16.00	21.00
232742	10.00	16.00-22.00	20.00
232745	10.00	16.00-22.00	21.00
231560	10.00	18.20/22.00	15.00
138245	10.30	17.90/25.00	26.50
138091	10.35	18.00/21.90	21.10
138090	10.45	18.00	17.50
139592	10.50	18.00/24.90	26.50
138244	10.60	18.00	20.00
233574		18.00	21.00

Type F



HC-CARGO	ID	OD	Length
137575		18.00	20.00
231257		21.00	20.00
235788	M10	17.96	19.01

Type G



HC-CARGO	ID	OD	Length
133752		18.30	23.00
234835		18.50	21.00
233658#	M10-1.50	18.70	23.50

Type H



HC-CARGO	ID	OD	Length
138087		21.00	32.00
233920		21.00	25.00

Type J



HC-CARGO	ID	OD	Length
134792	10.50	18.00	16.00
136932	10.50	18.00	13.00

Type K



HC-CARGO	ID	OD	Length
330706#	9.43	14.87	12.99

Mounting Bushing Kit



131604 Mounting Bushing Kit

Servicing: 513008, 515094, 516006, 516007, 516038, 7549, 7550a, 7586, 7596, 7597

ID 10.00, **OD** 13.00, **Length** 5.00



131605 Mounting Bushing Kit

Servicing: 9al2505p, 9ar2730p, 9AR2731P, 9ar2872p

ID M10, **OD** 14.85, **OD/ collar** 24.95, **Length** 12.55, **Height/ collar** 2.45

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



131606 Mounting Bushing Kit

Servicing: a14n1, A14N178, a14n2, a14n55, a14n90, a14n91, a14r17, a14r27, a14r3

ID M10, **OD** 16.60, **OD/ collar** 25.00, **Length** 12.00, **Height/ collar** 2.90



131607 Mounting Bushing Kit

Servicing: a12r1, a12r11, a12r3, A12R32, a12r4, a12r5, a13n13, a13n29, a13n49, a13n65, a13n81, a13r120, a13r141, a13r154, a13r172t

ID 10.00, **OD** 14.50, **Length** 9.00,



131608 Mounting Bushing Kit

Servicing: 70220002, 70220502, 71227102, 71227902, 71230202

ID 10.00, **OD** 13.20, **OD/ collar** 24.95, **Length** 7.15, **Height/ collar** 1.65



131820 Mounting Bushing Kit

Servicing: 0120400752, 0120400753, 0120400767, 0120400768, 0120469538, 0120469539, 0120469593, 0120469594, 0120469595, 0120469617

ID 8.00, **OD** 15.00, **OD/ collar** 21.95, **Length** 25.00, **Height/ collar** 2.45



131821 Mounting Bushing Kit

Servicing: 0120400752, 0120400753, 0120400767, 0120400768, 0120489036, 0120489037, 0120489038, 0120489039, 0120489045, 0120489046

ID 8.20, **OD** 15.00, **OD/ collar** 19.00, **Length** 51.00, **Height/ collar** 2.00



132572 Mounting Bushing Kit

Servicing: 2105-3701010, 2108-3701010, 222-3701005, 222-3701010, 224-370701, 224-373701, 37.3701, KAT3KT22214B, T2223701010

ID 12.30, **OD** 21.00, **Length** 29.00



132573 Mounting Bushing Kit

Replacing: 300709

Servicing: 2181991, 2518039, 2522104, 2541168, 2541191, 2541199, 2541663, 2541828, 2541850, A13N147, A13N147M, A13N148M, A13N149M

ID 8.00, **OD** 10.80, **OD/ collar** 23.00, **Length** 8.00, **Height/ collar** 2.00



133641 Mounting Bushing Kit

Servicing: 0120469617, 0120469618, 0120469619

ID 8.15, **OD** 15.00, **OD/ collar** 19.00, **Length** 56.00, **Height/ collar** 1.90



137756 Mounting Bushing Kit

Servicing: 2541180, 2541189, 2541344, 2541350, 2541360, 2541369, 2541417, 2541417K, 2541455, 2541458, 2541461, 2541475, 2541489

ID 10.40, **OD** 18.50, **OD/ collar** 22.00, **Length** 12.20, **Height/ collar** 2.00



137757 Mounting Bushing Kit

Servicing: 2541118, 2541187, 2541259, 2541355, 2541356, 2541356A, 2541361, 2541362, 2541457, 2541457B, 2541459, 2541710, 2541710B

ID 10.50, **OD** 18.30, **OD/ collar** 22.00, **Length** 14.90, **Height/ collar** 2.00

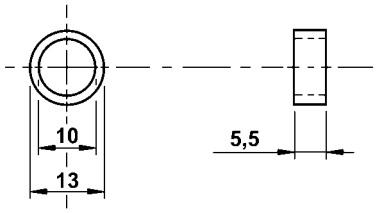
All measurements are in mm, unless else stated.

O.E.M. names and numbers are used for reference purposes only.

Available while stock last, * Program development.

For French Alternators - Steel Bushings

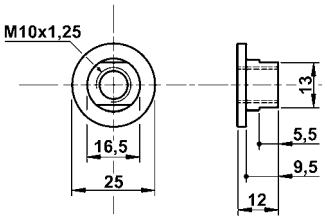
Pkg. 100



610050 Bushing

ID 10.00, **OD** 13.00, **Length** 5.50

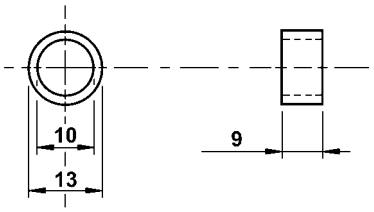
Pkg. 100



610052 Bushing

ID 16.50, **OD** 25.00, **OD/ collar** 25.00, **Length** 12.00, **Height/ collar** 2.50

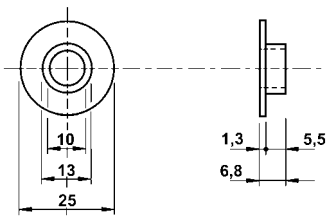
Pkg. 100



610053 Bushing

ID 10.00, **OD** 13.00, **Length** 9.00

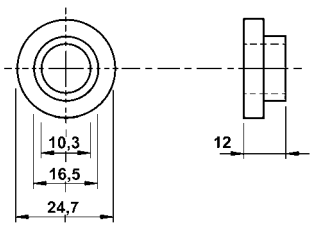
Pkg. 100



610054 Bushing

ID 10.00, **OD** 25.00, **OD/ collar** 25.00, **Length** 6.80, **Height/ collar** 1.30

Pkg. 100

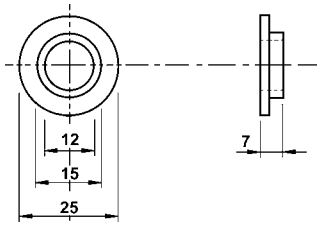


610060 Steel bush

Replacing: 2541778, a14n196m

ID 10.20, **OD** 16.50, **OD/ collar** 24.70, **Length** 12.00, **Height/ collar** 2.20

Pkg. 100

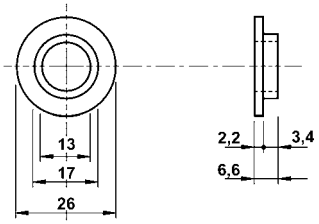


610188 Bushing

ID 12.00, **OD** 25.00, **OD/ collar** 25.00, **Length** 7.00

Rubber Bushings

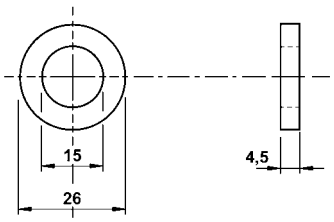
Pkg. 100



610055 Rubber Bushing

ID 13.00, **OD** 26.00, **OD/ collar** 26.00, **Length** 6.60, **Height/ collar** 2.20

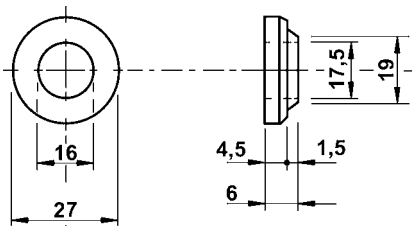
Pkg. 100



610056 Rubber Bushing

ID 15.00, **OD** 26.00, **Length** 4.50

Pkg. 100

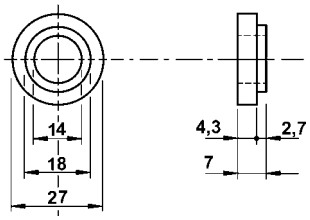


610057 Rubber Bushing

Replacing: 2541778, a14n196m

ID 16.00, **OD** 27.00, **OD/ collar** 27.00, **Length** 6.00, **Height/ collar** 4.50

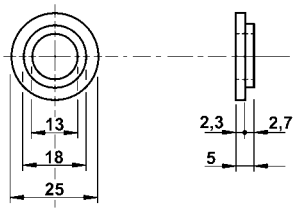
Pkg. 100



610058 Rubber Bushing

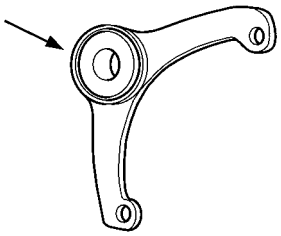
ID 14.00, **OD** 27.00, **OD/ collar** 27.00, **Length** 7.00, **Height/ collar** 4.30

Pkg. 100



610059 Rubber Bushing

ID 13.00, **OD** 25.00, **Length** 5.00, **Height/ collar** 2.30



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HC-CARGO Bearings



New engines in the cars have been downsized and equipped with high performence alternators and reduced engine compartments.

The result is increasing requirements for high tempreture resistance in bearings used for alternator and starters.

TECHNICAL FEATURES

- Geometrical tolerance class P6 (DIN 620-2) and internal clearance group C3 (DIN 620-4)
- Optimized osculation, improved raceway surfaces and reduced frictional torque
- Smooth running and low noise properties
- Excellent mechanical shear stability and kinematics

Improved and optimized sealing:

- 3-lip (1-axial) light contact sealing
- low friction at high speeds
- less heat generation
- reduced and improved grease retention
- maximum protection from moisture and contaminants.

Grease:

- synthetic oil + UREA
- high performance grease formulated for e.g. alternators and starters
- long operating life
- operating temperature range -40~+200°

Packaging:

- Single piece and bulk packaging

OE	ID	OD	Height	HC-CARGO	
336 2RS/C3	15.00	46.00	14.00	**140239**	1
348 2RS/C3	15.00	38.00	19.00	**140461**	1
366 2RS/C3	15.00	32.00	11.00	**140441**	1
382 2RS/C3	15.00	52.00	16.00	**140462**	1
608 2RS/MC3	8.00	22.00	7.00	**142279**	1
608 2RS/MC3	8.00	22.00	7.00	**333106**	20
6000 2RS/C3	10.00	26.00	8.00	**142277**	1
6001 2RS/C3	10.01	26.01	8.00	**333099**	10
6000 ZZ/C3	10.00	26.00	8.00	**142301**	1
6001 ZZ/C3	10.01	26.01	8.00	**333100**	10
6001 2RS/C3	12.00	28.00	8.00	**142278**	1
6002 2RS/C3	12.01	28.01	8.00	**333101**	10
6001 ZZ/C3	12.00	28.00	8.00	**142305**	1
6002 2RS/C3	15.00	32.00	9.00	**142282**	1
6002 2RS/C3	15.00	32.00	9.00	**333102**	10
6003 2RS/C3	17.00	35.00	10.00	**142268**	1
6003 2RS/C3	17.00	35.00	10.00	**333103**	10
6003 ZZ/C3	17.00	35.00	10.00	**142286**	1

HC-CARGO Bearings

6004 ZZ/C3	17.01	35.01	10.00	**333104**	10
6004 2RS/C3	20.00	42.00	12.00	**142285**	1
6004 2RS/C3	20.00	42.00	12.00	**333105**	10
6005 2RS/C3	25.00	47.00	12.00	**142273**	1
6006 2RS/C3	30.00	55.00	13.00	**142281**	1
6007 2RS/C3	35.00	62.00	14.00	**142289**	1
6200 2RS/C3	10.00	30.00	9.00	**142280**	1
6200 2RS/C3	10.00	30.00	9.00	**333091**	10
6200 ZZ/C3	10.00	30.00	9.00	**142296**	1
6200 ZZ/C3	10.00	30.00	9.00	**333107**	10
6201 2RS/C3	12.00	32.00	10.00	**142271**	1
6201 2RS/C3	12.00	32.00	10.00	**333108**	10
6201 ZZ/C3	12.00	32.00	10.00	**142292**	1
6201 ZZ/C3	12.00	32.00	10.00	**333109**	10
6202 2RS/C3	15.00	35.00	11.00	**142272**	1
6202 2RS/C3	15.00	35.00	11.00	**333110**	10
6202 ZZ/C3	15.00	35.00	11.00	**142299**	1
6202 ZZ/C3	15.00	35.00	11.00	**333111**	10
6202 LLB/C3	15.00	35.00	11.00	**141012**	1
6203 2RS/C3	17.00	40.00	12.00	**142269**	1
6203 2RS/C3	17.00	40.00	12.00	**333112**	10
6203 IHA/C3	15.00	40.00	12.00	**140839**	1
6203 ZZ/C3	17.00	40.00	12.00	**142303**	1
6203 ZZ/C3	17.00	40.00	12.00	**333113**	10
6204 2RS/C3	20.00	47.00	14.00	**142288**	1
6204 2RS/C3	20.00	47.00	14.00	**333114**	10
6204/C3	20.00	47.00	14.00	**140874**	1
6204 ZZ/C3	20.00	47.00	14.00	**142298**	1
6205 2RS/C3	25.00	52.00	15.00	**142274**	1
6205 2RS/C3	25.00	52.00	15.00	**333115**	10
6206 2RS/C3	30.00	62.00	16.00	**142291**	1
6207 2RS/C3	35.00	72.00	17.00	**142304**	1
62201 2RS/C3	12.00	32.00	14.00	**140105**	1
6301 2RS/C3	12.00	37.00	12.00	**142290**	1
6301 2RS/C3	12.00	37.00	12.00	**333116**	10
6302 2RS/C3	15.00	42.00	13.00	**333117**	10
6302 2RS1/C3	15.00	42.00	13.00	**142276**	1
6302 ZZ/C3	15.00	42.00	13.00	**142311**	1
6302 ZZ/C3	15.00	42.00	13.00	**333118**	10
6303 2RS/C3	17.00	47.00	14.00	**142270**	1
6303 2RS/C3	17.00	47.00	14.00	**333119**	10
6303 ZZ/C3	17.00	47.00	14.00	**142307**	1
6303 ZZ/C3	17.00	47.00	14.00	**333120**	10
6304 2RS/C3	20.00	52.00	15.00	**142275**	1
6304 ZZ/C3	20.00	52.00	15.00	**142300**	1
6305 2RS/C3	25.00	62.00	17.00	**142284**	1
6305 ZZ/C3	25.00	62.00	17.00	**333121**	10
6306 2RS/C3	30.00	72.00	19.00	**142283**	1
6306/C3	30.00	72.00	19.00	**142297**	1
638 2RS/C3	8.00	28.00	9.00	**140960**	1
6903 2RS/C3	17.00	30.00	7.00	**140225**	1
6904 2RS/C3	20.00	37.00	9.00	**140226**	1
6905 2RS/C3	25.00	42.00	9.00	**140227**	1
62304/17 2RS/C3	17.00	52.00	21.00	**140569**	1
62306X1LLUA 2RS/C3	30.00	72.00	27.00	**140707**	1
B10-24D 2RS/C3	10.00	27.00	14.00	**140588**	1
B15-69 2RS/C3	15.00	35.00	13.00	**140237**	1
B15-69 2RS/C3	15.00	35.00	13.00	**B140237**	8
B15-86D 2RS/C3	15.00	47.00	14.00	**140420**	1
B17-116D 2RS/C3	17.00	52.00	18.00	**140754**	1
B17-116D 2RS/C3	17.00	52.00	18.00	**B140754**	8
B17-127D 2RS/C3	17.00	62.00	20.00	**140957**	1
B17-52D 2RS/C3	17.00	52.00	15.00	**141199**	1
B17-99D 2RS/C3	17.00	52.00	17.00	**141232**	1
B17-99D 2RS/C3	17.00	52.00	17.00	**B141232**	10
B8-23D 2RS/C3	8.00	23.00	14.00	**140419**	1
BB1-3036/C3	16.96	35.00	10.00	**141071**	1
ECB10-50D-2RS/C3	10.00	27.00	11.00	**141103**	1
M410X12971	19.00	37.00	9.00	**140412**	1
NP B15-69 2RS/C3	15.00	35.00	13.00	**140434**	1
NP B15-69 2RS/C3	15.00	35.00	13.00	**B140434**	8
NP6202 2RS/C3	15.00	35.00	11.00	**140432**	1

All measurements are in mm, unless else stated.

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Available while stock last, * Program development.

FAG Bearings

OE	ID	OD	Height	HC-CARGO	Pkg.
16009	45.00	75.00	10.00	**140649**	1
6000-2Z	10.00	26.00	8.00	**140076**	10
6000-C-2HRS-C3	10.00	26.00	8.00	**140271**	10
6000X2-B10-2RS-C3	10.00	26.00	10.00	**140784**	8
6001-2RS1	12.00	28.00	8.00	**140077**	10
6001-2Z	12.00	28.00	8.00	**140078**	10
6002-2RS1	15.00	32.00	9.00	**140272**	10
6002-2Z	15.00	32.00	9.00	**140284**	10
6003-2RS1	17.00	35.00	10.00	**140273**	10
6003-2Z	17.00	35.00	10.00	**140285**	10
6004-2Z	20.00	42.00	12.00	**140286**	10
6004-C-2HRS-C3	20.00	42.00	12.00	**140223**	10
6005-2RS1	25.00	47.00	12.00	**140274**	10
6005-2Z	25.00	47.00	12.00	**140287**	10
6006-2RS1	30.00	55.00	13.00	**140283**	5
6006-2ZR	30.00	55.00	13.00	**140886**	10
6007-2RS1	35.00	62.00	14.00	**140631**	5
6007-2ZR	35.00	62.00	14.00	**140887**	1
6008-2RSR/C3	40.00	68.00	14.90	**140632**	5
6009-2RS1/C3	45.00	75.00	15.95	**140633**	**1**
6009-2ZR	45.00	75.00	16.00	**140889**#	**1**
6010-2RSR/C3	50.00	80.00	16.00	**140634**	5
6011-2RS1/C3	55.00	90.00	18.00	**140891**#	**1**
607-2RS	7.00	19.00	8.00	**141057**	10
607-2Z	7.00	19.00	6.00	**140296**	10
608-2RS-C3	8.00	22.00	7.00	**140222**	10
608-2Z	8.00	22.00	7.00	**140297**	10
609-2RS/C3	9.00	24.00	7.00	**141058**	10
609-2Z	9.00	24.00	7.00	**140298**	10
6200-2RS1	10.00	30.00	9.00	**140079**	10
6200-2Z	10.00	30.00	9.00	**140080**	10
6201-2RS1	12.00	32.00	10.00	**140081**	10
6201-2Z	12.00	32.00	10.00	**140082**	10
6202-2RS1	15.00	35.00	11.00	**140084**	10
6202-2Z	15.00	35.00	10.00	**140086**	10
6203-2RS1	17.00	40.00	12.00	**140087**	10
6203-2Z	17.00	40.00	12.00	**140088**	10
6204-2RS1	20.00	47.00	14.00	**140218**	10
6204-2Z	20.00	47.00	14.00	**140159**	10
6205-2RS1	25.00	52.00	15.00	**140219**	10
6205-2Z	25.00	52.00	15.00	**140089**	10
6206-2RS1	30.00	62.00	16.00	**140220**	5
6206-2Z	30.00	62.00	16.00	**140288**	5
6207-2RS1	35.00	72.00	17.00	**140275**	5
6207-2Z	35.00	72.00	17.00	**140289**	5
6208-2RS1	40.00	80.00	18.00	**140276**	5
6208-2Z	40.00	80.00	18.00	**140290**	1
6209-2RSR-C3	45.00	85.00	19.00	**140636**	1
6210-2RSR-C3	49.45	90.00	20.00	**140637**	1
6211-2RSR-C3	55.00	99.95	20.95	**140638**	**1**
6214-2RS1/C3	70.00	125.00	24.00	**140640**#	1
62202-A-2RSR-C3	15.00	35.00	14.00	**140265**	10
62203-2RS1/C3	17.00	40.00	16.00	**140900**	10
62302-2RS1/C3	15.00	42.00	17.00	**140936**	10
62303-A-2RSR-C3	17.00	47.00	19.00	**140266**	10
62304-A-2RSR	20.00	52.00	21.00	**140442**	5
62305-A-2RSR	25.00	62.00	24.00	**140879**	5
62305-A-2RSR	25.00	62.00	24.00	**140879**	5
62306 X1LLUA3	30.00	72.00	27.00	**142315**	**1**
625-2RS1	5.00	16.00	5.00	**140459**	10
625-2Z	5.00	16.00	5.00	**140458**	10
626-2RS1	6.00	19.00	6.00	**140523**	10
626-2Z	6.00	19.00	6.00	**140299**	10
627-2RS/C3	7.00	23.00	7.00	**141059**	10
627-2Z	7.00	22.00	7.00	**140300**	10
628 ZZ/C3	8.00	24.00	8.00	**140848**	10
629-2RS1/C3	9.00	26.00	8.00	**140893**	10
629-2Z	9.00	26.00	8.00	**140301**	10
6300-2RSR-C3	10.00	35.00	11.00	**140635**	10
63001-2Z/C3PLHT23B	12.00	28.00	12.00	**140116**	10
6301-2RS1	12.00	37.00	12.00	**140277**	10
6302-2RS1	15.00	42.00	13.00	**140091**	10

FAG Bearings

OE	ID	OD	Height	HC-CARGO	Pkg.
6302-2Z	15.00	42.00	13.00	**140092**	10
6303-2RS1	17.00	47.00	14.00	**140093**	10
6303-2Z	17.00	47.00	14.00	**140094**	10
6304-2RS1	20.00	52.00	15.00	**140278**	10
6304-2Z	20.00	52.00	15.00	**140175**	10
6305-2RS1	25.00	62.00	17.00	**140279**	5
6305-2Z	24.75	62.00	17.00	**140292**	5
6305/17-2RS1/C3HTVP1	17.00	62.00	17.00	**140401**	5
6306-2RS1	30.00	72.00	19.00	**140280**	5
6306-2Z	30.00	72.00	19.00	**140293**	5
6307-2RS1	35.00	80.00	21.00	**140281**	5
6307-2Z	35.00	80.00	21.00	**140294**	**1**
6308-2RS1	40.00	90.00	23.00	**140282**	1
6309-2RS1	45.00	100.00	25.00	**140302**	1
6310-2RS1	50.00	110.00	27.00	**140303**#	1
6311-2RS1	55.00	120.00	29.00	**140304**#	1
63132R1-C3	65.00	140.00	33.00	**140642**#	1
6403	17.00	62.00	17.00	**140394**	5
6403-2RS1	17.00	62.00	17.00	**140878**	5

Miscellaneous types

OE	ID	OD	Height	HC-CARGO	Pkg.
32052R1	25.00	52.00	20.60	**140882**	**1**
33052RS1	25.00	62.00	25.40	**140883**	1
6902-2RS-P	15.00	28.00	7.00	**140224**	26
6903-2RS-P	17.00	30.00	7.00	**140225**	10
6904-2RS-P	20.00	37.00	9.00	**140226**	**1**
6905-2RS-P	25.00	42.00	9.00	**140227**	**1**
6906-2RS1	30.00	47.00	9.00	**140868**	16
62201-2RS-P	12.00	32.00	14.00	**140105**	14
62306X1LLUAC3/2EQ2	30.00	72.00	27.00	**140707**	**1**
BB1-3036	16.96	35.00	10.00	**141071**	10
TM-623/22 LLUA	22.20	56.00	21.00	**140917**	**1**
TM-623/22 LLUA	22.20	56.00	21.00	**142319***	**1**

All measurements are in mm, unless else stated.
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Special Bearings

Bosch

Pkg. 14



140105 Ball Bearing

Replacing: 1900905282, 1900905274, 1120905282, 1120905107, 1120905105, 1120905031, 1120905024, 1120905006

Servicing: 0120400728, 0120400908, 0120400909, 0120400943, 0120450007, 0120450010, 0120450015, 0120468028, 0120468037, 0120468053, umb125

ID 12.00, **OD** 32.00, **Height** 14.00

Pkg. 10



140116 Ball Bearing

Replacing: 6033gd7001, 1900905375, 1120905003, 1120900012, 1120900002

Servicing: 0120300550, 0120300551, 0120300558, 0120300559, 0120300568, 0120300569, 0120300591, 0120300592, 0120339512, 0120339514

ID 12.00, **OD** 28.00, **Height** 12.00

Pkg. 10



140176 Ball Bearing

Replacing: 365740bb1b, 1120900010, 1120900008

Servicing: 0120400633, 0120400664, 0120400667, 0120400668, 0120400683, 0120400684, 0120400695, 0120400701, 0120400712, 0120400713

ID 17.00, **OD** 62.00, **Height** 17.50

Pkg. 10



140263 Ball Bearing

Replacing: f00m990434, F00M990426, F00M990425, f00m990417, f00m990415, 1120905531, 1120905096, 1120905095

Servicing: 0120000002, 0120000006, 0120000013, 0120000018, 0120000030, 0120000032, 0120465003, 0120465004, 0120465013, 0120465014

ID 17.00, **OD** 52.00, **Height** 17.00
Alternative no.: B140263

Pkg. 5



140442 Ball Bearing

ID 20.00, **OD** 52.00, **Height** 21.00

Pkg. 10



140569 Ball Bearing

Replacing: 1120905103, 1120905005

Servicing: 0120400728, 0120468053, 0120468107, 0120468113, 0120468115, 0120468117, 0120468118, 0120468137, 0120468138, 0120468140

ID 17.00, **OD** 52.00, **Height** 21.00



140707 Ball Bearing

Replacing: 2120905006, 2120905004, 2120905000, 16.906.722

Servicing: 0120389567, 0120600592, 0120689519, 0120689520, 0120689522, 0120689523, 0120689526, 0120689527, 0120689528, 0120689529

ID 30.00, **OD** 72.00, **Height** 27.00

Pkg. 5



140879 Ball Bearing

Replacing: 1120905043, 1120905007, 1120900009

Servicing: 0122469001, 0122469002, 0122469003, 0122469004, 0122469005, B122423815, B122423831

ID 25.00, **OD** 62.00, **Height** 24.00



140917 Ball Bearing

Replacing: 1120905035

Servicing: 0120468028, 0120468054, 0120468055, 0120468136, 0120468147, B120500078, B120500603, B120500671

ID 22.20, **OD** 56.00, **Height** 21.00

Pkg. 10



140957 Ball Bearing

Replacing: 1120905097

Servicing: 0120468131, 0120468132, 0120468135, 0120468144, 0120468146, 0120468155, 0120468161, 0120469033, 0120469044, 0120469104

ID 17.00, **OD** 62.00, **Height** 20.00



141232 Ball Bearing

Replacing: 1120905520, 1120905510, 1120905509, 1120905507, 1120905506, 1120905504, 1120905072, 1120905071

Servicing: 0120000016, 0120000036, 0120465003, 0120465004, 0120465013, 0120465014, 0120465015, 0120465016, 0120465017, 0120485012

ID 17.00, **OD** 52.00, **Height** 17.00
Alternative no.: B141232

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Available while stock last, * Program development.

Pkg. 10



141233 Ball Bearing

Replacing: f00m990410, F00M390400, 1120905502

Servicing: 0120000001, 0120000003, 0120000004, 0120000019, 0120000023, 0120000024, 0120000025, 0120000026, 0120000027, 0120000028

ID 17.00, **OD** 47.00, **Height** 14.00
Alternative no.: B141233



142055 Ball Bearing

Replacing: 0001330001, 0001330003, 0001330004, 0001330005, 0001330006, 0001330007, 0001330008, 0001330011, 0001330012, 0001330013

Servicing: 6033AC0294

ID 20.00, **OD** 58.00, **Height** 26.00



142315 Ball bearing

Replacing: 2120905006, 2120905004, 2120905000

Servicing: 0120689519, 0120689520, 0120689526, 0120689529, 0120689533, 0120689535, 0120689536, 0120689537, 0120689541, 0120689543

ID 30.00, **OD** 72.00, **Height** 27.00



142318 Ball bearing

Replacing: 1120905520, 1120905510, 1120905509, 1120905507, 1120905506, 1120905504, 1120905072, 1120905071

Servicing: 0120485022, 01220AA000, 01220aa0b0, 01220aa0d0, 01220aa0r0, 01220aa1a0, 01220aa1p0, 01220aa2a0, 0123315501, 0123320041

ID 17.00, **OD** 52.00, **Height** 17.00

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142319* Ball bearing

Replacing: 1120905035

Servicing: 0120468028

ID 22.20, **OD** 56.00, **Height** 21.00

Pkg. 118



B140263 Ball Bearing

Replacing: B140263

Servicing: 01220aa1j0

ID 17.00, **OD** 52.00, **Height** 17.00
Alternative no.: 140263

Pkg. 120



B141233 Ball Bearing

Replacing: B141233

Servicing: 0121615121, 0124325172, 0124525017, 0125711017, 0125711059

ID 17.00, **OD** 47.00, **Height** 14.00
Alternative no.: 141233

Delco Eur.



142021 Ball Bearing

Replacing: 39MT, 19011501, 19024196, M009T80472, M009T80473, M009T83671, M9T80472, M9T80473, M9T83671

Servicing: 142021, 142021

ID 28.00, **OD** 58.00, **Height** 16.00, **Lock ring** w/, **Teflon ring** w/, **Bushing** w/o
w/ 2 internal grooves.

Delco US

Pkg. 8



140784 Ball Bearing

Replacing: 10473711

Servicing: CS130, 10463172, 10479895, 10479901, 10479902, 10479903, 10479905, 10479906, 10479909, 10479910, 10479911, 10479912

ID 10.00, **OD** 26.00, **Height** 10.00

Pkg. 10



141002 Ball Bearing

Replacing: 1989711, 10474532, 10472207

Servicing: CS144, 3G series, 10463011, 10463012, 10463015, 10479809, 10479836, 10479838, 10479839, 10479843, 10479844, 10479847

ID 10.00, **OD** 26.00, **Height** 8.00, **Teflon ring** w/



142021 Ball Bearing

Replacing: 39MT, 19011501, 19024196, M009T80472, M009T80473, M009T83671, M9T80472, M9T80473, M9T83671

Servicing: 142021, 142021

ID 28.00, **OD** 58.00, **Height** 16.00, **Lock ring** w/, **Teflon ring** w/, **Bushing** w/o
w/ 2 internal grooves.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Denso

Pkg. 10



140222 Ball Bearing

Replacing: s930p62070, s930p14201, s930p12070, 949100-6080, 949100-6070, 949100-5820, 949100-5230, 949100-4120, 949100-2500

Servicing: 0-23000-0130, 0-23000-0260, 0-23000-0262, 028000-3641, 028000-3642, 028000-4323, 028000-4340, 028000-4341, 028000-4343

ID 8.00, **OD** 22.00, **Height** 7.00

Pkg. 10



140223 Ball Bearing

Replacing: 949100-5280, 949100-4230, 949100-4110, 949100-2590, 949100-1760, 949100-1650, 60042rsrc3, 60042rs1, 23441-10t00

Servicing: 0-33000-3941, 0-33000-3950, 0-33000-4150, 0-33000-4331, 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450

ID 20.00, **OD** 42.00, **Height** 12.00



140236 Ball Bearing

Replacing: 949100-2140

Servicing: 100211-0071, 100211-0081, 100211-0280, 100211-0290, 100211-0291, 100211-0292, 100211-0790, 100211-0995, 100211-2950

ID 12.00, **OD** 35.00, **Height** 18.00, **Lock ring** w/o, **Oil seals** w/o, **Teflon ring** w/o, **Bushing** w/o

Pkg. 10



140237 Ball Bearing

Replacing: 949100-5360, 949100-4440, 949100-3980, 949100-2790

Servicing: 100210-3070, 100210-3190, 100210-3210, 100210-3381, 100210-3410, 100210-3470, 100210-3480, 100210-3700, 100210-3780

ID 15.00, **OD** 35.00, **Height** 13.00

Pkg. 10



140239 Ball Bearing

Replacing: 949100-4620, 949100-3462, 949100-3461, 949100-3450, 949100-3380, 949100-3361, 949100-3360

Servicing: 081000-1321, 081000-1480, 081000-1611, 081000-1660, 081000-1700, 081000-1701, 081000-1740, 081000-1760, 081000-1970

ID 15.00, **OD** 46.00, **Height** 14.00

Pkg. 10



140441 Ball Bearing

Replacing: 949100-3660, 949100-3650, 949100-3230, 949100-3170

Servicing: 100211-1280, 100211-1400, 100211-1410, 100211-1411, 100211-1420, 100211-1440, 100211-1492, 100211-1520, 100211-1550

ID 15.00, **OD** 32.00, **Height** 11.00

Pkg. 10



140443 Ball Bearing

Replacing: 949100-3290, 949100-3190

Servicing: 100211-1000, 100211-1001, 100211-1010, 100211-1011, 100211-1020, 100211-1021, 100211-1030, 100211-1031, 100211-1040

ID 15.00, **OD** 43.00, **Height** 13.00, **Lock ring** w/o, **Oil seals** Dual, **Teflon ring** w/, **Bushing** w/o

Pkg. 10



140461 Ball Bearing

Replacing: 949100-3481, 949100-3480

Servicing: 100211-1280, 100211-1520, 100211-1560, 100211-1570, 100211-1571, 100211-1601, 100211-1620, 100211-4111, 100211-4112

ID 15.00, **OD** 38.00, **Height** 19.00

Pkg. 10



140462 Ball Bearing

Replacing: 949100-5750, 949100-3821, 949100-3820

Servicing: 028000-8850, 100211-1001, 100211-1170, 100211-1171, 100211-2021, 100211-2040, 100211-3040, 100211-3060, 100211-3070

ID 15.00, **OD** 52.00, **Height** 16.00

Pkg. 10



140630 Ball Bearing

Replacing: 949100-3270

Servicing: 100211-1600

ID 15.00, **OD** 36.00, **Height** 18.00

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Available while stock last, * Program development.

Pkg. 10



140960 Ball Bearing

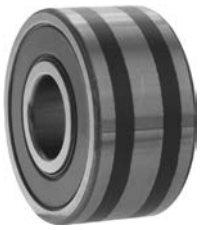
Replacing: 949100-4840

Servicing: 100211-8000, 100211-8110, 100211-8240, 100211-8560, 228000-2120, 228000-2121, 228000-2122, 228000-2123, 228000-2124

ID 8.00, **OD** 28.00, **Height** 9.00

Ford US

Pkg. 5



140588 Ball Bearing

Replacing: s930p64570, md618179

Servicing: A003TA0593, A004T00891, A004T00891C, A004T00891D, A004T00891E, A004T00991, A004T00991B, A004T00991C, A004T00991D

ID 10.00, **OD** 27.00, **Height** 14.00, **Lock ring** w/, **Teflon ring** w/

Pkg. 10



141002 Ball Bearing

Replacing: 1989711, 10474532, 10472207

Servicing: CS144, 3G series, 10463011, 10463012, 10463015, 10479809, 10479836, 10479838, 10479839, 10479843, 10479844, 10479847

ID 10.00, **OD** 26.00, **Height** 8.00, **Teflon ring** w/

Pkg. 10



141026 Ball Bearing

Replacing: f8wu10a304aa

Servicing: 6G series, 2C3U10300BB, 4069776, XF2U10300AB, YC1U10300DA, YC1U10300DB

ID 10.00, **OD** 27.00, **Height** 11.00

Pkg. 5



141107 Ball Bearing

Replacing: F50W10A304AA, f50w-10a304-aa

Servicing: 4G series

ID 17.00, **OD** 40.00, **Height** 12.00, **Teflon ring** w/

Pkg. 5



142313 Ball Bearing

Replacing: s930p64570, md618179

Servicing: A003TA0593, A004T00891, A004T00891C, A004T00891D, A004T00891E, A004T00991, A004T00991B, A004T00991C, A004T00991D

ID 10.00, **OD** 27.00, **Height** 14.00, **Lock ring** w/, **Teflon ring** w/

Hitachi

Pkg. 10



140222 Ball Bearing

Replacing: s930p62070, s930p14201, s930p12070, 949100-6080, 949100-6070, 949100-5820, 949100-5230, 949100-4120, 949100-2500

Servicing: 0-23000-0130, 0-23000-0260, 0-23000-0262, 028000-3641, 028000-3642, 028000-4323, 028000-4340, 028000-4341, 028000-4343

ID 8.00, **OD** 22.00, **Height** 7.00

Pkg. 10



140223 Ball Bearing

Replacing: 949100-5280, 949100-4230, 949100-4110, 949100-2590, 949100-1760, 949100-1650, 60042rsrc3, 60042rs1, 23441-10t00

Servicing: 0-33000-3941, 0-33000-3950, 0-33000-4150, 0-33000-4331, 028000-3641, 028000-3642, 028000-4323, 028000-4343, 028000-4450

ID 20.00, **OD** 42.00, **Height** 12.00

Pkg. 10



140225 Ball Bearing

Replacing: 69032rs1, 23358-07g00, 23338-m4900, 2114-35511, 2114-25511, 2114-25502

Servicing: 105891-77010, 1118212, 114351-77020, 114362-77020, 119256-77010, 120370-77011, 120380-77010, 124976-77011, 129136-77011

ID 17.00, **OD** 30.00, **Height** 7.00



140226 Ball Bearing

Replacing: 69042rs1, 23358-m4900, 2130-5509, 2114-95502, 2114-75502, 2114-35502, 0527d

Servicing: 105891-77010, 1118212, 114351-77020, 114362-77020, 119256-77010, 120370-77011, 120380-77010, 124976-77011, 129136-77011

ID 20.00, **OD** 37.00, **Height** 9.00



140227 Ball Bearing

Replacing: 69052rs1, 23441-j5500, 23441-25500, 2130-3302

Servicing: 120130-77010, 120140-77010, 121750-77011, 123500-77010, 124610-77010, 124617-77011, 129612-77011, 129953-77010

ID 25.00, **OD** 42.00, **Height** 9.00

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Pkg. 5



140233 Ball Bearing

Replacing: 6900bpl

Servicing: LR140-701, LR145-701, LR145-701B, LR145-701C, LR145-701E, LR145-701F, LR160-702B, LR160-703B, LR160-707, LR160-708

ID 10.00, **OD** 23.00, **Height** 11.00, **Lock ring** w/

Pkg. 5



140235 Ball Bearing

Replacing: 6000tr, 6000hl, 6000hc, 6000g

Servicing: LR1100-703, LR1100-703B, LR1100-704, LR1100-704B, LR1100-704E, LR1100-705, LR1100-705B, LR1100-705C, LR1100-705E

ID 10.00, **OD** 27.00, **Height** 11.00, **Lock ring** w/
Alternative no.: B140235

Pkg. 10



140432 Ball Bearing

Replacing: md611476

Servicing: A002T25377, A003T15099, A003TN0399, A003TN0499, A003TN0699, A2T25377, A3T15099, A3TN0399, A3TN0499, A3TN0699, MD306834

ID 15.00, **OD** 35.00, **Height** 11.00, **Lock ring** w/



140434 Ball Bearing

Replacing: 6202nct, 6202ncdg

Servicing: LR1100-501, LR1100-501B, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F, LR1100-502G

ID 15.00, **OD** 35.00, **Height** 13.00, **Lock ring** w/
Alternative no.: B140434



140883 Ball Bearing

Replacing: 98624, 36015, 35624

ID 25.00, **OD** 62.00, **Height** 25.40

Pkg. 8



140989 Ball Bearing

Replacing: 6201ncdp, 6201ncd

Servicing: LR1110-701B, LR1110-703B, LR1110-704, LR1125-701, LR150-199, LR155-502B, LR155-502C, LR155-502E, LR155-503, LR155-504

ID 12.00, **OD** 32.00, **Height** 13.00, **Lock ring** w/

Pkg. 10



141012 Ball Bearing

Replacing: 6202llbc3

Servicing: LR155-16B

ID 15.00, **OD** 35.00, **Height** 11.00, **Teflon ring** w/

Pkg. 5



141062 Ball Bearing

Replacing: 6302nc

Servicing: 23099-Z5562, LR225-68B, LR225-80, LR225-80B, LR235-58, LR235-62, LR235-68, LR235-69, LR235-70, LR235-70B, LR235-75C

ID 15.00, **OD** 42.00, **Height** 13.00, **Lock ring** w/

Pkg. 10



141103 Ball Bearing

Replacing: 141103

Servicing: LR1100-724, LR1100-724B, LR1100-725, LR1100-725B, LR1100-725C, lr1120-701, LR1130-702, LR1130-702B, LR1130-702C

ID 10.00, **OD** 27.00, **Height** 11.00, **Teflon ring** w/

Pkg. 10



141233 Ball Bearing

Replacing: f00m990410, F00M390400, 1120905502

Servicing: 0120000001, 0120000003, 0120000004, 0120000019, 0120000023, 0120000024, 0120000025, 0120000026, 0120000027, 0120000028

ID 17.00, **OD** 47.00, **Height** 14.00
Alternative no.: B141233

Pkg. 10

NEW PRODUCT
www.hc-cargo.com

142314 Ball bearing

Replacing: 6202llbc3

ID 15.00, **OD** 35.00, **Height** 11.00, **Teflon ring** w/

Pkg. 5



B140235 Ball Bearing

ID 10.00, **OD** 27.00, **Height** 11.00, **Lock ring** w/
Alternative no.: 140235

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Pkg. 120



B141233 Ball Bearing

Servicing: 0121615121, 0124325172, 0124525017, 0125711017, 0125711059

ID 17.00, **OD** 47.00, **Height** 14.00
Alternative no.: 141233

Leece Neville



140882 Ball Bearing

Replacing: 4090, 36686, 32054

ID 25.00, **OD** 52.00, **Height** 20.60

Lucas

Pkg. 10



140106 Ball Bearing

Replacing: utb103, se5kdd, 189307

Servicing: C40T, 22755A, 22755H, 22756A, 22756H, 22757A, 22757H, 22758A, 22758E, 22764A, 22764E, 22766, 22766a, 22766f

ID 12.70, **OD** 28.575, **Height** 7.938

Magneti Marelli

Pkg. 10



140116 Ball Bearing

Replacing: 6033gd7001, 1900905375, 1120905003, 1120900012, 1120900002

Servicing: 0120300550, 0120300551, 0120300558, 0120300559, 0120300568, 0120300569, 0120300591, 0120300592, 0120339512, 0120339514

ID 12.00, **OD** 28.00, **Height** 12.00

Pkg. 10



140265 Ball Bearing

Replacing: 140265

Servicing: 63300515, 63300905

ID 15.00, **OD** 35.00, **Height** 14.00

Pkg. 10



140266 Ball Bearing

Replacing: s930p80670, s930p70170, me701254, me700778

Servicing: A4T25699, A4T25788, A4T57786, A4T58285, A4T58286, A4T58289, A4T58686, A4T58689, A4T58699, A4T58786, A4T58799, A4T58986

ID 17.00, **OD** 47.00, **Height** 19.00

Pkg. 10



141071 Ball Bearing

Servicing: 063321940010, 063341658000, 063377002010, 063377005010, 063377008010, 063377009010, 063377423010, 063377424010

ID 16.96, **OD** 35.00, **Height** 10.00

Mando Melroe

Pkg. 10



140232 Ball Bearing

Replacing: s930p17970, s930p17901, md611150

Servicing: A000T25171, A000T25271, A000T25371, A000T25373, A001T01591, A001T01691, A001T01991, A001T02471, A001T34472, A001T34572

ID 8.00, **OD** 23.00, **Height** 11.00, **Lock ring** w/

Mitsubishi

Pkg. 26



140224 Ball Bearing

Replacing: 6902v, 69022rs1

Servicing: 31200-P03-005, D7RS1, D7RS7, D7RSA7, SM302-01, SM302-02, SM302-03, SM302-04, SM302-07, SM302-08, SM302-09, SM302-10

ID 15.00, **OD** 28.00, **Height** 7.00

Pkg. 5



140231 Ball Bearing

Replacing: s930p17170

Servicing: A001T01991, A001T40391, A001T40491, A001T40791, A001T40891, A001T41991, A002T00991, A002T04191, A002T06577, A002T40571B

ID 8.00, **OD** 22.00, **Height** 11.00, **Lock ring** w/

Pkg. 10



140232 Ball Bearing

Replacing: s930p17970, s930p17901, md611150

Servicing: A000T25171, A000T25271, A000T25371, A000T25373, A001T01591, A001T01691, A001T01991, A001T02471, A001T34472, A001T34572

ID 8.00, **OD** 23.00, **Height** 11.00, **Lock ring** w/

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



140234 Ball Bearing

Replacing: s930p18570, s930p18501

Servicing: A001T01791, A001T02091, A001T02191, A001T02291, A001T02292ZC, A001T02991, A001T04691, A001T04791, A001T04892

ID 8.00, **OD** 23.00, **Height** 14.00, **Lock ring** w/, **Oil seals** w/o, **Teflon ring** w/o, **Bushing** w/o

Pkg. 8



140411 Ball Bearing

Replacing: s930p18470, s930p18402, md611410

Servicing: A002T02394, A002T02394B, A002T04577, A002T04598, A002T04599, A002T06092, A002T13391C, A002T14694, A002T17491

ID 15.00, **OD** 47.00, **Height** 18.00

Pkg. 10



140412 Ball Bearing

Replacing: SSP6002, me700849, m410x12971, 4133, 4132

Servicing: HK988300, HQ808670, HSG120500, M001T50171, M001T50172, M002T50391, M002T51082, M002T51083, M002T51085, M002T51181

ID 19.00, **OD** 37.00, **Height** 9.00, **Bushing** w/

Pkg. 10



140417 Ball Bearing

Replacing: 6201nc

Servicing: LR150-199, LR150-200, LR155-23, LR155-25, LR160-104, LR160-105, LR160-130, LR160-137, LR160-138, LR160-139, LR160-151

ID 12.00, **OD** 32.00, **Height** 10.00, **Lock ring** w/

Pkg. 5



140419 Ball Bearing

Replacing: s933p63670, s930p63670, s930p63605

Servicing: 1800A052, 1800A053, 1800A070, A-PC303-05, A001T02674, A001T02674D, A001T03191, A001T03191ZC, A001T03195ZC, A001T03274

ID 8.00, **OD** 23.00, **Height** 14.00, **Teflon ring** w/

Pkg. 10



140420 Ball Bearing

Replacing: s930p65270, s930p65170, s930p63070, s930p63012, s930p31170, S5930R63070

Servicing: A001T01591, A001T01691, A001T02091, A001T02191, A001T02291, A001T02292ZC, A001T02674, A001T02674D, A001T03191

ID 15.00, **OD** 47.00, **Height** 14.00

Pkg. 10



140432 Ball Bearing

Replacing: md611476

Servicing: A002T25377, A003T15099, A003TN0399, A003TN0499, A003TN0699, A2T25377, A3T15099, A3TN0399, A3TN0499, A3TN0699, MD306834

ID 15.00, **OD** 35.00, **Height** 11.00, **Lock ring** w/



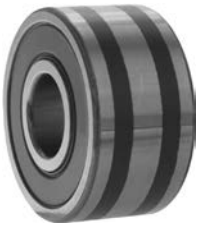
140434 Ball Bearing

Replacing: 6202nct, 6202ncdg

Servicing: LR1100-501, LR1100-501B, LR1100-502, LR1100-502B, LR1100-502C, LR1100-502D, LR1100-502E, LR1100-502F, LR1100-502G

ID 15.00, **OD** 35.00, **Height** 13.00, **Lock ring** w/
Alternative no.: B140434

Pkg. 5



140588 Ball Bearing

Replacing: s930p64570, md618179

Servicing: A003TA0593, A004T00891, A004T00891C, A004T00891D, A004T00891E, A004T00991, A004T00991B, A004T00991C, A004T00991D

ID 10.00, **OD** 27.00, **Height** 14.00, **Lock ring** w/, **Teflon ring** w/

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All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Pkg. 8



140589 Ball Bearing

Replacing: s930p65470, s930p64470

Servicing: A002T13391, A002T13391C, A002T13391D, A002T13391E, A002T13894, A002T14591, A002T14592, A002T17491, A002T27594

ID 17.00, **OD** 47.00, **Height** 18.00

Pkg. 10



140754 Ball Bearing

Replacing: s930p80570

Servicing: A002T37691, A002T37691A, A003T08491, A003T08491A, A003T08491C, A003T08491ZC, A003T12291, A003T12491, A003T14491

ID 17.00, **OD** 52.00, **Height** 18.00
Alternative no.: B140754

Pkg. 6



140783 Ball Bearing

Replacing: s930p64870, md618338

Servicing: 3G series, A002T16994, A002T21072, A002T34794, A002T37591, A002T41599, A002TA0291, A002TA1991, A003T01872, A004T01493

ID 17.00, **OD** 47.00, **Height** 24.00, **Lock ring** w/o, **Teflon ring** w/o, **Bushing** w/o

Pkg. 16



140868 Ball Bearing

Replacing: 6906ru, 69062rs1

Servicing: M000T60081, M000T60081A, M001-T60081, M001T60181, M001T60185, M001T60281, M001T60285, M001T60285A, M001T60381

ID 30.00, **OD** 47.00, **Height** 9.00



141009 Ball Bearing Kit

Replacing: me701484, m690x00572, m690x00571

Servicing: M008T55171, M008T70371, M008T71571, M008T75171, M008T77071, M008T77072, M008T77074, M008T77075, M008T80071, M008T80071A

ID 20.00, **OD** 42.00, **Height** 12.00
Oil seal: 20.00x38.20x2.40 mm.

Pkg. 10



141012 Ball Bearing

Replacing: 6202llbc3

Servicing: LR155-16B

ID 15.00, **OD** 35.00, **Height** 11.00, **Teflon ring** w/



141038 Ball Bearing Kit

Replacing: m410x14171

Servicing: HSG232500, M002T57871, M002T57881, M002T61771, M002T67881, M002T67882, M002T67883, M002T67884, M002T69081, M002T78372

ID 20.00, **OD** 42.00, **Height** 12.00, **Bushing** w/
w/ gasket.



141166 Ball Bearing

Replacing: 6906dw

Servicing: M000T60081, M000T60181, M001T60281, M001T60285, M001T60381, m0t60081, m0t60181, M0T60187, m1t60281, m1t60285, m1t60381

ID 30.00, **OD** 47.00, **Height** 9.00



141181 Ball Bearing Kit

Replacing: md700540, m410x13671

Servicing: M003T56071, M003T56072, M003T56074, M003T56082, M003T56084, M3T56071, M3T56072, M3T56074, M3T56082, M3T56084, M3T56085

ID 14.00, **OD** 47.10, **Height** 18.70

Pkg. 5



141236 Ball Bearing

Replacing: s930p80870, s930p35670

Servicing: A001T41291, A002T25578, A002T41191, A002T41791, A002T45272A, A002T45877, A002T46871, A002T70972, A002T72185, A002T72186

ID 15.00, **OD** 42.00, **Height** 13.00
w/ 2 teflon tolerance rings.

Pkg. 5



141254 Ball Bearing Kit

Replacing: me701433, m690x00471

Servicing: M008T60071, M008T60872, M3T56089, M008T60873, M8T60071, M8T60072, M8T60089, M8T60171, M8T60173, M8T60174, M8T60271

ID 20.00, **OD** 47.00, **Height** 14.00, **Oil seals** Single
w/ 2 inner grooves. Oil seal: 20.00x38.10x2.40 mm.

Pkg. 5



141255 Ball Bearing Kit

Replacing: me701507, m690x00671

Servicing: M008T60371, M008T60372, M008T60373, M008T60871, M8T55471, M8T60073, M8T60371, M8T60372, M8T60373, M8T60389, M8T60471

ID 20.00, **OD** 47.00, **Height** 14.00, **Oil seals** Single
w/ 2 inner grooves. Oil seal: 20.00x38.10x2.40 mm.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



142005 Ball Bearing

Replacing: 6805D2

Servicing: A003TA6581A, A003TA6581KD, A3TA6581A, A3TA6581KD, M009T60471, M009T60672, M009T61171, M009T61571, M9T60471, M9T60672

ID 25.00, **OD** 37.00, **Height** 7.00



142021 Ball Bearing

Servicing: 39MT, 19011501, 19024196, M009T80472, M009T80473, M009T83671, M9T80472, M9T80473, M9T83671

ID 28.00, **OD** 58.00, **Height** 16.00, **Lock ring** w/, **Teflon ring** w/, **Bushing** w/o
w/ 2 internal grooves.

Pkg. 5



142313 Ball Bearing

Replacing: s930p64570, md618179

Servicing: A003TA0593, A004T00891, A004T00891C, A004T00891D, A004T00891E, A004T00991, A004T00991B, A004T00991C, A004T00991D

ID 10.00, **OD** 27.00, **Height** 14.00, **Lock ring** w/, **Teflon ring** w/

NEW PRODUCT
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142317 Ball bearing

Replacing: s933p63670, s930p63670, s930p63605

ID 8.00, **OD** 23.00, **Height** 14.00, **Teflon ring** w/

Pkg. 8



B140754 Ball Bearing

ID 17.00, **OD** 52.00, **Height** 18.00

Paris Rhone/Valeo

Pkg. 10



140263 Ball Bearing

Replacing: f00m990434, F00M990426, F00M990425, f00m990417, f00m990415, 1120905531, 1120905096, 1120905095

Servicing: 0120000002, 0120000006, 0120000013, 0120000018, 0120000030, 0120000032, 0120465003, 0120465004, 0120465013, 0120465014

ID 17.00, **OD** 52.00, **Height** 17.00
Alternative no.: B140263

Pkg. 5



140401 Ball Bearing

Replacing: 102130

Servicing: 2104264, 2181762, 2181991, 2522104, 2541168, 2541199, 2541476, 2541624, 2541828, 2541850, 2542359, 2542514, A13N166

ID 17.00, **OD** 62.00, **Height** 17.00

Pkg. 10



140441 Ball Bearing

Replacing: 949100-3660, 949100-3650, 949100-3230, 949100-3170

Servicing: 100211-1280, 100211-1400, 100211-1410, 100211-1411, 100211-1420, 100211-1440, 100211-1492, 100211-1520, 100211-1550

ID 15.00, **OD** 32.00, **Height** 11.00

Pkg. 10



140839 Ball Bearing

Replacing: 593691

Servicing: 2541680, 2541683, 2541683A, 2541775, 2541775A, 2541775B, 2541776, 2541839, 2541839A, 2541911, 2541920, 2541960

ID 15.00, **OD** 40.00, **Height** 12.00

NEW PRODUCT
www.hc-cargo.com

142312 Ball Bearing

Replacing: 593691

Servicing: 2541680, 2541683, 2541683A, 2541775, 2541775A, 2541775B, 2541776, 2541911, a13vi100, a13vi170, a13vi74, a13vi75

ID 15.00, **OD** 40.00, **Height** 12.00

Pkg. 118



B140263 Ball Bearing

Replacing: B140263

Servicing: 01220aa1j0

ID 17.00, **OD** 52.00, **Height** 17.00
Alternative no.: 140263

Pong Sung



141199 Ball Bearing

Servicing: 02131-9040, 02131-9070, 02131-9110, 02131-9111, 02131-9112, 02131-9113, 02131-9261, 02131-9262, 02131-9310, 02131-9311

ID 17.00, **OD** 52.00, **Height** 15.00

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Japanese Special Bearings

HC-CARGO				Pkg
CROYDON				
M152112	**140495**	15/21 × 12	Needle bearing	5
KOYO				
319	**140443**	15/43 × 13		10
333	**142075**	17/52 × 16		1
336	**140239**	15/46 × 14		5
348	**140461**	15/38 × 19		5
883 382	**140462**	15/52 × 16		1
6201 RD	**140236**	12/35 × 18		1
949100-279	**140237**	15/35 × 13		10
949100-317	**140441**	15/32 × 11		10
NSK				
6201V	**140417**	15/47 × 18	w/snap ring	10
6202V	**140432**	15/35 × 11	w/snap ring	10
6902V	**140224**	15/28 × 7		10
B8-74D	**140231**	8/22 × 11	w/snap ring	5
B8-79D	**140232**	8/23 × 11	w/snap ring	10
B8-85D	**140234**	8/23 × 14	w/snap ring	10
B10-46D	**140233**	10/23 × 11	w/snap ring	5
B10-50D	**140235**	10/27 × 11	w/snap ring	5
B12-57T	**140989**	12/32 × 13	w/snap ring	5
B15-69D	**140434**	15/35 × 13	w/snap ring	10
B15-83D	**140441**	15/32 × 11		10
B15-86D	**140420**	15/47 × 14		10
B15-94DW3 (823)	**140441**	15/32 × 11		10
B17-99DDW	**140263**	17/52 × 17		10
B17-107D	**140589**	17/47 × 18		1
B17-116DG	**140754**	17/52 × 18		5
B17-127DG	**140957**	17/62 × 20		1
2B17-4DG	**140783**	17/47 × 24		1
NSK TORR				
FJ2212	**140381**	22/28 × 12	Needle bearing	1
NTN				
808 A05 LH1	**140419**	8/23 × 14	w/snap ring	5
6303 LH	**140420**	15/47 × 14		10
SC0081LHIA	**140588**	10/27 × 14		5
SC0352LLUA CLW	**140263**	17/52 × 17		10
SC8AD5LHI	**140419**	8/23 × 14	w/snap ring	5

Bearing Tolerance Rings

- Repair worn bearing housings, even those you used to throw away.
- Tolerance rings are compression sleeves specially designed to mount ball bearings securely with only a light press-fit. Each corrugation in a tolerance ring acts as an individual spring e×erting a uniform compressive force to give a firm grip and prevent uter-race rotation.



Std pkg 10

HC-CARGO	Bearing application	Recommended housing bore
141116	30.00 × 9.00	31.92 - 31.98 (1.257”-1.259”)
140243	32.00 × 10.00	33.88 - 33.97 (1.334”-1.337”)
140244	35.00 × 10.00	36.88 - 36.97 (1.452”-1.456”)
140245	40.00 × 12.00	41.88 - 41.97 (1.649”-1.652”)
140246#	47.00 × 14.00	48.88 - 48.97 (1.924”-1.928”)
140247	52.00 × 15.00	54.34 - 54.46 (2.139”-2.144”)
140616	26.00 × 8.00	27.88 - 27.97 (1.099”-1.101”)
140718	28.00 × 10.00	29.75 - 29.98 (1.171”-1.180”)
140719	28.00 × 12.00	29.75 - 29.98 (1.171”-1.180”)
140720	32.00 × 14.00	33.67 - 33.89 (1.326”-1.334”)
140721	35.00 × 14.00	36.75 - 36.98 (1.447”-1.456”)
140877	40.00 × 11.00	41.75 - 41.98 (1.644”-1.653”)
140910	47.00 × 12.00	48.75 - 48.98 (1.919”-1.928”)
140913#	62.00 × 17.00	64.35 - 64.47 (2.533”-2.538”)



HC-CARGO

140608 23/25 × 11, Cargo 140233 (6900)
140739 26/28 × 8
140609 27/29 × 11, Cargo 140235 (B 10-50)
140131 28/30 × 10, Cargo 140077, 140078 (6001)
140703# 28/32 × 14.8
140524 28/35 × 13
140700 30/34 × 15
140701 30/34 × 12
141066 32/35 × 9
140132 32/35 × 11.5, Cargo 140081, 140082 (6201)
140702 32/35 × 15.5
140133 32/36 × 13, Cargo 140081, 140082 (6201)
140504 32/36 × 16, Cargo 140105 (62201)
140651 32/37 × 12.5, Cargo 140081, 140082
140699 35/38 × 15.5
140722 35/38 × 10
141034 40/42-44 × 11-13
141024 40/45 × 12
140789 42/45 × 12
140790 42/45 × 9
140612 43/46 × 13.2, Cargo 140443 (319)
140611# 46/49 × 13.2, Cargo 140239 (336)
140791 47/49 × 12
141035 47/49-51 × 12.5-15
140610 47/50 × 18, Cargo 140411 (B 15-84)

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Standard Needle Bearings

TYPE	HC-CARGO	Measurements	Pkg
HK 0408	**141168**	4/8 x 7.9	10
HK 0509	**140617**	5/9 x 9	5
HK 0608	**140620**	6/10 x 8	5
HK 0609	**140619**	6/10 x 9	5
HK 0808	**140751**	8/12 x 8	5
HK 0810	**140468**	8/12 x 10	5
HK 0908	**141247**	9/13 x 8	10
HK 0910	**140935**	9/13 x 10	5
HK 1010	**140482**	10/14 x 10	5
NK 1012	**140903**	10/17 x 12	5
HK 1012RS	**141001**	10/14 x 12	5
HK 1210	**140242**	12/16 x 10	10
HK 1212	**140494**	12/18 x 12	10
HK 1214RS	**140483**	12/18 x 14	5
HK 1214 2RS FPMD	**141054**	12/18 x 14	5
HK 1216 2RS	**140904**	12/18 x 16	5
HK 1412	**140503**	14/20 x 12	5
HK 1512	**140495**	15/21 x 12	5
HK 1514RS	**141039**	15/21 x 14	10
HK 1812	**140375**	18/24 x 12	5
HK 1816	**140197**	18/24 x 16	5
HK 1816 2RS	**140902**	18/24 x 16	5
HK 2012	**140457**	20/26 x 12	5
HK 2212	**140381**	22/28 x 12	1
HK 2216 2RS	**140972**	22/28 x 16	5
HK 2220	**140733**	22/28 x 20	5
HK 2220 2RS	**140901**	22/28 x 20	5
HK 3016	**141040**	30/37 x 16	5

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Needle Bearings

Bosch

Pkg. 10



140197 Needle Bearing

Replacing: tla1816z, hk1816, 85215, 2000910009, 2000910002

Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025

ID 18.00, **OD** 24.00, **Height** 16.00

Pkg. 10



140198 Needle Bearing

Replacing: f-91916, f-203215, 85222, 2000910005

Servicing: 0001410015, 0001410016, 0001410017, 0001410018, 0001410019, 0001410021, 0001410022, 0001410023, 0001410024, 0001410025

ID 34.00, **OD** 48.00, **Height** 15.00

Pkg. 10



140242 Needle Bearing

Replacing: tla1210z, mc189a, hk1210, fc66624, F-232542, e4fz11135a, d6az11135a, D6AF11448AA, C6VY11135A, C6VF11135A, 9440923

Servicing: PMGR series, M78, M79, 00010DB98E, 0001107037, 0001107048, 0001107056, 0001107100, 0001107101, 0001107108, 0001107112

ID 12.00, **OD** 16.00, **Height** 10.00

Pkg. 10



140375 Needle Bearing

Replacing: tla1812z, hk1812, 9003330902

Servicing: 9000331201, 9000331203, D9R112, D9R116, D9R118, D9R119, D9R121, D9R122, D9R142, D9R144, D9R149, D9R73, D9R84, D9R89

ID 18.00, **OD** 24.00, **Height** 12.00

Pkg. 10



140482 Needle Bearing

Replacing: tla1010z, hk1010, 142063, 1000917003

Servicing: 0001106023, 0001106024, 0001107030, 0001107032, 0001107059, 0001107064, 0001107075, 0001107078, 0001107079, 0001107080

ID 10.00, **OD** 14.00, **Height** 10.00

Pkg. 10



140494 Needle Bearing

Replacing: tla1212z, hk1212, 6033ac0093

Servicing: 0001223003, 0001223007, 0001223024, 1024508, 1027928, 1059179, 1073108, 1093471, 1105310, 5026497, 97VB11000AA

ID 12.00, **OD** 18.00, **Height** 12.00

Pkg. 5



140617 Needle Bearing

Replacing: tla59z, hk0509, 9001140359, 140617, 0528d

Servicing: 0001107072, 0001109001, 0001109002, 0001110003, 0001110005, 0001110017, 0001110025, 0001110026, 0001110042, 0001110055

ID 5.00, **OD** 9.00, **Height** 8.84

Pkg. 10



140620 Needle Bearing

Replacing: hk0608e, hk0608, fj08, e90f-11448ba, 0538d, 0537d

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106019, 0001106022, 0001106023, 0001106024

ID 6.00, **OD** 10.00, **Height** 8.00, **Lock ring** w/o, **Oil seals** w/o, **Teflon ring** w/o, **Bushing** w/o

Pkg. 5



140717 Needle Bearing

Replacing: SCE1210, scb1210b, 2000910004

Servicing: 0001510001, 0001510002, 0001510003, 0001510004, 0001510005, 0001510006, 0001510008, 0001510009, 0001510010, 0001510011

ID 19.05, **OD** 25.05, **Height** 15.88

Pkg. 5



140733 Needle Bearing

Replacing: tla2220z, hk2220, 140733

Servicing: 0001420001, 0001420012

ID 22.00, **OD** 28.00, **Height** 20.00

Pkg. 10



140807 Needle Bearing

Replacing: f-219005, 1000917004

Servicing: 0001106403, 0001106404, 0001106409, 0001106410, 0001107010, 0001107011, 0001107019, 0001107027, 0001107028, 0001107029

ID 10.00, **OD** 14.00, **Height** 14.00
Closed end.

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



140903 Needle Bearing

Replacing: nk1012, nk10/12tn, 9003330901
Servicing: 9000331201
ID 10.00, **OD** 17.00, **Height** 12.00

Pkg. 10



140904 Needle Bearing

Replacing: hk12162rs, 9003330903, 6033ac0105
Servicing: 0001218157, 0001218757, 0001223001, 0001223009, 0001223010, 0001223014, 0001223021, 0001230002, 0001230003, 0001230014
ID 12.00, **OD** 18.00, **Height** 16.00

Pkg. 5



140935 Needle Bearing

Replacing: tla910z, hk0910, 1000917006
Servicing: 0001107031, 0001107032, 0001107049, 0001107415, 0001107429, 0001107431, 0001107432, 0001107437, 0001108444, 6004aa0003
ID 9.00, **OD** 13.00, **Height** 10.00

Pkg. 5



140971 Needle Bearing

Replacing: f-220469, 2000910013
Servicing: 0001370003, 0001370004, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008, 0001371009, 0001371010, 0001371012
ID 15.88, **OD** 23.88, **Height** 21.88
Closed end.

Pkg. 5



140972 Needle Bearing

Replacing: hk22162rs, f-203978, 9000910012, 2114-1411, 2000910012, 141041
Servicing: 0001370001, 0001370002, 0001370003, 0001370004, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008
ID 22.00, **OD** 28.00, **Height** 16.00

Pkg. 5



141007 Needle Bearing

Replacing: 2000910015
Servicing: 0001372001, 0001372002, 0001372003, 0001372004, 0001372005, 0001372006, 0001372007, 0001372008, 0AA137200B, 0AA137200F
ID 16.00, **OD** 23.85, **Height** 18.95
Double sealed.

Pkg. 5



141015 Needle Bearing

Replacing: sce1012, 2000910011
Servicing: 0001370001, 0001370002, 0001371001, 9000453029, 9000453064, 9000453065, 9000453066, 9000453067, 9000453068, B001850025
ID 15.88, **OD** 20.64, **Height** 19.05

Pkg. 5



141040 Needle Bearing

Replacing: tla3016z, hk3016, 6033AC0352
Servicing: 0001330001, 0001330003, 0001330004, 0001330005, 0001330006, 0001330007, 0001330008, 0001330011, 0001330012, 0001330013
ID 30.00, **OD** 37.00, **Height** 16.00

Pkg. 5



141054 Needle Bearing

Replacing: hk1214rs, HK12142RS, 1000917005, 1000917000
Servicing: 0001107070, 0001107071, 0001108113, 0001108114, 0001108133, 0001108174, 0001108175, 0001108200, 0001108201, 0001108220
ID 12.00, **OD** 16.00, **Height** 14.00

Pkg. 5



141084 Needle Bearing

Replacing: f-229411, 1000917007
Servicing: 0001121022, 0001121023, 0001124020, 0001124021, 0001125016, 0001125017, 0001125018, 0001125019, 0001125046, 0001125047
ID 30.50, **OD** 37.00, **Height** 15.90

Pkg. 10



141256 Needle Bearing

Replacing: F-231294
Servicing: 0001107404, 0001107405, 0001107410, 0001107418, 0001107429, 0001107435, 0001107437, 0001107440, 0001107441, 0001107501
ID 5.50, **OD** 8.50, **Height** 6.85

Pkg. 10



142001 Needle Bearing

Replacing: F-235208.02, f-235208, 1000917009
Servicing: 0001120400, 0001120401, 0001120402, 0001120403, 0001120404, 0001120405, 0001120406, 0001120407, 0001120408, 0001120409
ID 28.10, **OD** 35.20, **Height** 14.60

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Pkg. 10



142019 Needle Bearing

Replacing: hk2512

Servicing: 0001241001, 0001241003, 0001241007, 0001241014, 0001241015, 0001241020, 0001261001, 0001261002, 6033ac5060

ID 25.00, **OD** 32.00, **Height** 12.00

CAV

Pkg. 10



141039 Needle Bearing

Replacing: hk1514rs

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 15.00, **OD** 21.00, **Height** 14.00

Pkg. 10



141042# Axial needle Bearing

Replacing: axk1528

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003

ID 15.00, **OD** 28.00, **Height** 2.00

Chrysler

Pkg. 10



140240 Needle Bearing

Replacing: 9437222, 9437221, 9437211, 9433301

Servicing: 10DN series, A127 w/ vacuum pump, 1100619, 1100653, 1100654, 1100721, 1100722, 1100732, 1100735, 1100773, 1100806

ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13
Open end.

Pkg. 5



140241 Needle Bearing

Replacing: 3874074, 1975322

Servicing: 15SI, 1100183, 1100184, 1100187, 1100190, 1100192, 1100193, 1100194, 1100195, 1100219, 1100223, 1100224, 1100271

ID 17.00, **OD** 23.80, **Height** 20.60, **Rolls** 13
Closed end.

Denso

Pkg. 10



140767 Needle Bearing

Replacing: 949105-0200, 949105-0160, 949105-0100

Servicing: 128000-0660, 128000-2682, 128000-2800, 128000-3090, 128000-3091, 128000-4130, 128000-4170, 128000-4430, 128000-4450

ID 11.00, **OD** 15.50, **Height** 14.30
Closed end.

Pkg. 5



140768 Needle Bearing

Replacing: 949105-0110

Servicing: 028000-6490, 028000-6491, 028000-6492, 028000-6493, 028000-6494, 028000-6495, 028000-7091, 028000-7092, 028000-7093

ID 12.48, **OD** 17.02, **Height** 17.00

Pkg. 5



141086 Needle Bearing

Replacing: 949105-0130

Servicing: 128000-5330, 128000-5331, 128000-5970, 128000-6060, 128000-7020, 128000-7170, 128000-7172, 128000-7174, 128000-7230

ID 17.00, **OD** 24.00, **Height** 20.00
Closed end.

Pkg. 10



142065 Needle Bearing

Servicing: 428000-1630, 428000-3180, 428000-4920

ID 12.00, **OD** 16.00, **Height** 14.00
Closed end.

Ford US

Pkg. 10



140120 Needle Bearing

Replacing: d20z10a304a

Servicing: 10SI, 12SI, 15SI, 17SI, 27SI, A127, 1012257, 1100711, 1659058, 5024754, 5027845, 5029923, 6159682, 6694981, 84AB10300AA

ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13
Closed end.

Pkg. 10



140620 Needle Bearing

Replacing: hk0608e, hk0608, fj08, e90f-11448ba, 0538d, 0537d

Servicing: 0001106011, 0001106012, 0001106014, 0001106015, 0001106016, 0001106017, 0001106019, 0001106022, 0001106023, 0001106024

ID 6.00, **OD** 10.00, **Height** 8.00, **Lock ring** w/o, **Oil seals** w/o, **Teflon ring** w/o, **Bushing** w/o

Pkg. 5



140920 Needle Bearing

Servicing: 1810A062, 1810A143, F8RU-11000AA, M000T86081, M000T86181, M000T87881, M001T80381, M001T93071, M002T80582, M002T84771

Servicing: sce116, 140920, 140920

ID 17.46, **OD** 22.23, **Height** 9.40

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 10



141209 Needle Bearing

Replacing: sce98

Servicing: 1120215, 1140110, 1151641, 1197912, 1209193, 1214371, 1233277, 1386127, 1387062, 1449615, 1450653, 1541002, 1s7u11000ba

ID 14.29 (9/16"), **OD** 19.05 (3/4"), **Height** 12.70 (1/2")

Hitachi

Pkg. 5



140381 Needle Bearing

Replacing: tla2212z, hk2212, 324592003, 324592000000

Servicing: 443115142740, 9142700, 9142702, 9142704, 9142708, 9142709, 9142720, 9142722, 9142723, 9142724, 9142727, 9142728

ID 22.00, **OD** 28.00, **Height** 12.00

Pkg. 5



140457 Needle Bearing

Replacing: tla2012z, hk2012, 23358-v0700, 23338-v0702, 2130-3451

Servicing: S13-49A

ID 20.00, **OD** 26.00, **Height** 12.00

Pkg. 5



140495 Needle Bearing

Replacing: tla1512z, hk1512, 23341-v0600, 2250-1451

Servicing: 121750-77011, 123500-77010, 124610-77010, 124617-77011, 129612-77011, 1811001521, 1811002330, 19011506, 19011507

ID 15.00, **OD** 21.00, **Height** 12.00

Pkg. 5



140972 Needle Bearing

Replacing: hk22162rs, f-203978, 9000910012, 2114-1411, 2000910012

Servicing: 0001370001, 0001370002, 0001370003, 0001370004, 0001371001, 0001371004, 0001371005, 0001371006, 0001371007, 0001371008

ID 22.00, **OD** 28.00, **Height** 16.00

Leece Neville

Pkg. 5



140241 Needle Bearing

Replacing: 3874074, 1975322

Servicing: 15SI, 1100183, 1100184, 1100187, 1100190, 1100192, 1100193, 1100194, 1100195, 1100219, 1100223, 1100224, 1100271

ID 17.00, **OD** 23.80, **Height** 20.60, **Rolls** 13
Closed end.

Lucas

Pkg. 10



140120 Needle Bearing

Replacing: umb113, 54207267, 54160827

Servicing: 10SI, 12SI, 15SI, 17SI, 27SI, A127, 24145, 24145A, 24145D, 24156, 24156A, 24156D, 24157, 24157A, 24157D, 24157F, 24158

ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13
Closed end.

Pkg. 10



140240 Needle Bearing

Replacing: umb129, umb115

Servicing: 10DN series, A127 w/ vacuum pump, 24188, 24188A, 24188C, 24230, 24230A, 24230B, 24246A, 24256A, 24256C, 24264, 24264A

ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13
Open end.

Pkg. 10



141219 Needle Bearing

Replacing: umb110, 54219553

Servicing: 10AC, 11AC, 23504F, 23504K, 23507A, 23507L, 23517A, 23517E, 23518A, 23518E, 23519A, 23519E, 23521A, 23521E, 23522B

ID 17.54, **OD** 23.86, **Height** 17.41, **Rolls** 15
Closed end.

Magneti Marelli

Pkg. 10



140242 Needle Bearing

Replacing: PMGR series, M78, M79, 00010DB98E, 0001107037, 0001107048, 0001107056, 0001107100, 0001107101, 0001107108, 0001107112

Servicing: tla1210z, mc189a, hk1210, fc66624, F-232542, e4fz11135a, d6az11135a, D6A-F11448AA, C6VY11135A, C6VF11135A, 9440923

ID 12.00, **OD** 16.00, **Height** 10.00

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Pkg. 5



140483 Needle Bearing

Replacing: 0001110126, 0001110127, 0001110128, 0001110129, 0001110136, 0001110137, 0001110138, 0001110139, 50246416, 63221801

Servicing: 140483

ID 12.00, **OD** 18.00, **Height** 14.00

Pkg. 10



140738 Needle Bearing

Replacing: 23300-0C010, 23300-0H610, 23300-0P510, 23300-18V10, 23300-26V11, 23300-30P16, 23300-30P17, 23300-41B15, 23300-48L10

Servicing: tlam01515, s933p70669, s933p70605, f210-18-x01, 23319-25v10

ID 10.00, **OD** 15.00, **Height** 15.00

Closed end. w/ rubber seal.

Mitsuba

Pkg. 5



140457 Needle Bearing

Replacing: tla2012z, hk2012, 23358-v0700, 23338-v0702, 2130-3451

Servicing: S13-49A

ID 20.00, **OD** 26.00, **Height** 12.00

Pkg. 5



140468 Needle Bearing

Replacing: tla810z, hk0810

Servicing: 0001230006, 0001230012, 0001230014, 0001231002, 0001231003, 0001231004, 0001231008, 0001231009, 0001231011, 0001231013

ID 8.00, **OD** 12.00, **Height** 10.00

Pkg. 5



140768 Needle Bearing

Replacing: 949105-0110

Servicing: 028000-6490, 028000-6491, 028000-6492, 028000-6493, 028000-6494, 028000-6495, 028000-7091, 028000-7092, 028000-7093

ID 12.48, **OD** 17.02, **Height** 17.00

Mitsubishi

Pkg. 10



140514 Needle Bearing

Replacing: s933p65270, r201-24-715

Servicing: M002T92071, M002T92071A, M002T92171, M002T92172, M002T92172A, M2T92071, M2T92071A, M2T92171, M2T92172, M2T92172A

ID 12.00, **OD** 17.00, **Height** 12.00

Pkg. 5



140876 Needle Bearing

Replacing: tla141912ze01

Servicing: HSG232500, M002T61071, M002T61072, M002T61171, M002T62271, M002T63171, M002T66871, M002T66873, M002T67871, M002T67872

ID 14.00, **OD** 18.72, **Height** 12.00

Pkg. 5



140920 Needle Bearing

Replacing: sce116

Servicing: 1810A062, 1810A143, F8RU-11000AA, M000T86081, M000T86181, M000T87881, M001T80381, M001T93071, M002T80582, M002T84771

ID 17.46, **OD** 22.23, **Height** 9.40

Pkg. 5



141065 Needle Bearing

Replacing: ba136ZOH

Servicing: M008T50071, M008T50072, M008T70371, M008T71571, M008T75071, M008T75073, M008T75171, M008T80071, M008T80071A

ID 20.50, **OD** 27.00, **Height** 9.50

Pkg. 5



141090 Needle Bearing

Replacing: db501005c

Servicing: 1810A053, 3601369, 4348654, M002T80582, M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84571, M002T85271

ID 10.00, **OD** 15.05, **Height** 11.60x15.40

Closed end.

Alternative no.: b141090

Pkg. 10

NEW PRODUCT
www.hc-cargo.com

142314 Ball bearing

Replacing: 6202llbc3

ID 15.00, **OD** 35.00, **Height** 11.00, **Teflon ring** w/

NEW PRODUCT
www.hc-cargo.com

331936* Needle Bearing

Replacing: HK1414

Servicing: M001T93071, M001T93571, M1T93071, M1T93571

ID 14.00, **OD** 20.00, **Height** 13.90

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.

Paris Rhone/Valeo

Pkg. 5



140919 Needle Bearing

Replacing: f-221604, bk1014rs, 186448

Servicing: 428000-0670, 428000-0680, 428000-4550, 626002, 98AB11000AD1, D6RA100, D6RA107, D6RA110, D6RA114, D6RA137, D6RA138

ID 10.00, **OD** 14.00, **Height** 14.00
Closed end.

Pkg. 5



141001 Needle Bearing

Replacing: hk1012rs, hk1012

Servicing: 1539686, 1671515, 1810A062, 1810A143, 188839, 8V2111000BB, 8V2111000BC, 8V2111000BD, D7G11, D7R1, D7R13, D7R16, D7R17

ID 10.00, **OD** 14.00, **Height** 12.00

Pkg. 10



141168 Needle Bearing

Replacing: hk0408

Servicing: 626002, D6RA100, D6RA114, D6RA167, D6RA181, d6ra67, d6ra81, D6RA91, D6RAD183, D6RADP359

ID 4.00, **OD** 8.00, **Height** 7.90

Pkg. 10



141225 Needle Bearing

Replacing: f-123459.2

Servicing: 191335, D6GS11, D6GS12, D6GS13, D6GS14, D6GS19, D7GS10, D7GS8, D7GS9, D7RS129, D7RS130, D7RS131, D7RS150, d7rs29

ID 29.50, **OD** 36.70, **Height** 13.30

Pkg. 5



142003 Needle Bearing

Servicing: d7es5, TS10E26

ID 26.10, **OD** 33.00, **Height** 13.70

Remy (Delco)

Pkg. 10



140115 Needle Bearing

Replacing: 7982870, 3472455

Servicing: 014, 018, 022, 023, 024, 026, 027, 028, 032, 033, 035, 037, 038, 042, 048, 049, 050, 051, 052, 053, 058, 059, 060, 061

ID 11.00, **OD** 17.50, **Height** 16.50, **Rolls** 10
Closed end.

Pkg. 10



140120 Needle Bearing

Replacing: 9441879, 9438527, 9437305, 9436831, 9432068, 9427225, 9424225, 9418076, 7454763, 7451931, 7451763

Servicing: 10SI, 12SI, 15SI, 17SI, 27SI, A127, 10479823, 10479825, 10479826, 10479827, 10479832, 10479833, 10479834, 10479858

ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13
Closed end.

Pkg. 10



140136 Needle Bearing

Replacing: 6206-002-20x0, 6206-002-00x0

Servicing: 20SI, 27SI type 200, 0201-102-1011, 0201-102-1111, 0201-102-1210, 0201-102-1221, 0201-102-1310, 0201-102-1410

ID 17.00, **OD** 23.80, **Height** 32.00, **Rolls** 15
Closed end.

Pkg. 10



140228 Needle Bearing

Replacing: 9436064

Servicing: 25SI, 27SI, 10459002, 10459003, 10459004, 10459005, 10459006, 10459007, 10459008, 10459009, 10459010, 1100094, 1100095

ID 22.20, **OD** 30.20, **Height** 20.50, **Rolls** 17

Pkg. 10



140240 Needle Bearing

Replacing: cn1467

Servicing: 10DN series, A127 w/ vacuum pump

ID 17.00, **OD** 23.80, **Height** 17.40, **Rolls** 13
Open end.

Pkg. 5



140241 Needle Bearing

Replacing: 3874074, 1975322

Servicing: 15SI, 1100183, 1100184, 1100187, 1100190, 1100192, 1100193, 1100194, 1100195, 1100219, 1100223, 1100224, 1100271

ID 17.00, **OD** 23.80, **Height** 20.60, **Rolls** 13
Closed end.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
Available while stock last, * Program development.

Pkg. 10



140242 Needle Bearing

Replacing: tla1210z, mc189a, hk1210, fc66624, F-232542, e4fz11135a, d6az11135a, D6AF11448AA, C6VY11135A, C6VF11135A, 9440923

Servicing: PMGR series, M78, M79, 00010DB98E, 0001107037, 0001107048, 0001107056, 0001107100, 0001107101, 0001107108, 0001107112

ID 12.00, **OD** 16.00, **Height** 10.00

Pkg. 10



140421 Needle Bearing

Replacing: sce78, j78, 9441607, 74905910, 10469066

Servicing: 5MT, 10455001, 10455006, 10455008, 10455009, 10455012, 10455013, 10455015, 10455024, 10455042, 10455045, 10455046

ID 11.13, **OD** 15.90, **Height** 12.70

Pkg. 5



140468 Needle Bearing

Servicing: 0001230006, 0001230012, 0001230014, 0001231002, 0001231003, 0001231004, 0001231008, 0001231009, 0001231011, 0001231013

Servicing: tla810z, hk0810, 140468, 140468

ID 8.00, **OD** 12.00, **Height** 10.00

Pkg. 5



140470 Needle Bearing

Replacing: sce166, db59046, 9440922

Servicing: PMGR series, 21020892, 21020893, 21021366, 21021648, 9000719, 9000735, 9000751, 9000758, 9000762, 9000763, 9000768

ID 25.40, **OD** 31.75, **Height** 9.53

Pkg. 5



140750 Needle Bearing

Replacing: sce146b, 9441512

Servicing: PG260F1, 00E091, 09000756, 110397, 112161, 21020892, 21020893, 21021366, 21021648, 9000700, 9000751, 9000758, 9000772

ID 22.20, **OD** 28.60, **Height** 9.40

Pkg. 5



140751 Needle Bearing

Replacing: hk0808, 9441510

Servicing: PG100, -150, 09000756, 190895, 191335, 21020892, 21020893, 21021366, 21021648, 9000751, 9000758, 9000772, 9000785

ID 8.00, **OD** 12.00, **Height** 7.88

Pkg. 5



140771 Needle Bearing

Replacing: 1974865, 1974862, 10470441

Servicing: 10SI/116, 10SI/136, 10480058, 10480060, 1100114, 1100170, 1100171, 1100490, 1100491, 1101192, 1101193, 1101195, 1101201

ID 17.00, **OD** 23.85, **Height** 19.45, **Rolls** 13 *w/ double seal. w/ closed end.*

Pkg. 5



140772 Needle Bearing

Replacing: 9439542, 10472936

Servicing: 15SI/116, 21SI, 10479924, 10479925, 10479926, 10479927, 10479929, 10479930, 1101194, 1101205, 1101439, 1101440, 1102551

ID 17.00, **OD** 23.80, **Height** 22.00, **Rolls** 13 *w/ double seal. w/ closed end.*

Pkg. 10



141247 Needle Bearing

Replacing: hk0908

Servicing: 110397, 112161, M000T45271, M000T45271ZT, M0T45271, M0T45271ZT, MR994922

ID 9.00, **OD** 13.00, **Height** 8.00

Sawafuji

Pkg. 10



140136 Needle Bearing

Replacing: 6206-002-20x0, 6206-002-00x0

Servicing: 20SI, 27SI type 200, 0201-102-1011, 0201-102-1111, 0201-102-1210, 0201-102-1221, 0201-102-1310, 0201-102-1410

ID 17.00, **OD** 23.80, **Height** 32.00, **Rolls** 15 *Closed end.*

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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Roller Bearings

Bosch



140650 Roller Bearing

Replacing: nu305, 2000914012

Servicing: 0001510001, 0001510002, 0001510003, 0001510005, 0001510008, 0001510009, 0001510010, 0001510017, 0001510018, 0001510019

ID 25.00, **OD** 62.00, **Height** 17.00, **Rolls** 10

Pkg. 10



140816 Roller Bearing

Replacing: 2120910000

Servicing: 0120689519, 0120689529, 0120689536, 0120689537, 0120689544, 0120689547, 0120689554, 0120689556, 0120689560, 0120689589

ID 20.00, **OD** 47.00, **Height** 14.00, **Rolls** 12

CAV

Pkg. 5



140445 Roller Bearing

Replacing: 6019-670

Servicing: AC7, 1271065, 1271125, 1271171, 1272202, 1272212, 1272222, 1272232, 1272249, 1272402, 1272403, 1272711, 1272775

ID 31.75, **OD** 69.85, **Height** 17.46



140446 Roller Bearing

Replacing: 6270-315

Servicing: AC203, 1284001, 1284002, 1284003, 1284004, 1284005, 1284006, 1284007, 1284008, 1284010, 1284055, 1284101, 1284102

ID 30.00, **OD** 72.00, **Height** 19.00, **Rolls** 12

Pkg. 5



141044 Roller Bearing

Replacing: 6500-173

Servicing: AC203RA, 1286010, 1286510, 1286560

ID 30.00, **OD** 72.00, **Height** 19.00, **Rolls** 12

Miscallaneous

Pkg. 5



140760 Roller Bearing

Replacing: 1900910201

ID 17.00, **OD** 40.00, **Height** 12.00



140761 Roller Bearing

Replacing: 1900910203

ID 25.00, **OD** 52.00, **Height** 15.00



140762 Roller Bearing

ID 30.00, **OD** 62.00, **Height** 16.00

Pkg. 10



140803 Roller Bearing

Replacing: 1900910202

ID 20.00, **OD** 47.00, **Height** 15.30



140968# Roller Bearing

Servicing: 30209j

ID 45.00, **OD** 85.00, **Height** 20.80



141275# Roller Bearing

ID 25.00, **OD** 62.00, **Height** 17.00

Motorola US



140490 Roller Bearing

Replacing: 111-73

Servicing: 8HDB3004U, 8LHB2001Z, 8LHB2002V, 8LHB2003U, 8LHC2004Z, 8LHC2010Z, 8SB2001R, 8SB2003W, 8SB3002R, 8SC2001R, 8SC2004Z

ID 27.00, **OD** 47.00, **Height** 14.00

Inner race: HC-CARGO 141019.

Prestolite



140230 Roller Bearing Kit

Replacing: 90-2058

Servicing: anb7004

Roller bearing: 19.00x31.00 mm, 70.00x19.00 mm. Inner race: 12.70x19.00x25.40 mm.

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#Available while stock last, * Program development.

Special Bearings

ID	OD	Height	HC-CARGO
5.00	16.00	5.00	**140458**
5.00	16.00	5.00	**140459**
6.00	19.00	6.00	**140299**
6.00	19.00	6.00	**140523**
7.00	19.00	6.00	**140296**
7.00	22.00	7.00	**140300**
8.00	22.00	11.00	**140231**
8.00	22.00	7.00	**140222**
8.00	23.00	11.00	**140232**
8.00	23.00	14.00	**140234**
8.00	23.00	14.00	**140419**
8.00	23.00	14.00	**142317**
8.00	24.00	8.00	**140848**
8.00	28.00	9.00	**140960**
9.00	24.00	7.00	**140298**
9.00	26.00	8.00	**140301**
9.00	26.00	8.00	**140893**
10.00	23.00	11.00	**140233**
10.00	26.00	10.00	**140784**
10.00	26.00	8.00	**141002**
10.00	26.00	8.00	**140076**
10.00	26.00	8.00	**140271**
10.00	26.00	8.00	**142301**
10.00	26.00	8.00	**333100**
10.00	27.00	11.00	**140235**
10.00	27.00	11.00	**141026**
10.00	27.00	11.00	**141103**
10.00	27.00	11.00	**B140235**
10.00	27.00	14.00	**140588**
10.00	27.00	14.00	**142313**
10.00	30.00	9.00	**140079**
10.00	30.00	9.00	**140080**
10.00	30.00	9.00	**142280**
10.00	30.00	9.00	**142296**
10.00	30.00	9.00	**333091**
10.00	30.00	9.00	**333107**
10.00	30.00	9.00	**B140079P#**
10.00	30.00	9.00	**B140080P#**
10.00	35.00	11.00	**140635**
10.00	35.00	11.00	**B140635P#**
12.00	28.00	12.00	**140116**
12.00	28.00	12.00	**141265**
12.00	28.00	8.00	**140077**
12.00	28.00	8.00	**140078**
12.00	28.00	8.00	**142278**
12.00	28.00	8.00	**142305**
12.00	28.00	8.00	**333101**
12.00	28.00	8.00	**B140077P#**
12.00	32.00	10.00	**140417**
12.00	32.00	10.00	**140081**
12.00	32.00	10.00	**140082**
12.00	32.00	10.00	**142271**
12.00	32.00	10.00	**142292**
12.00	32.00	10.00	**333108**
12.00	32.00	10.00	**333109**
12.00	32.00	10.00	**B140082P#**
12.00	32.00	13.00	**140989**
12.00	32.00	14.00	**140105**
12.00	35.00	18.00	**140236**
12.70	28.575	7.938	**140106**
14.00	47.10	18.70	**141181**
15.00	28.00	7.00	**140224**
15.00	32.00	11.00	**140441**
15.00	32.00	9.00	**333102**
15.00	32.00	9.00	**140284**
15.00	35.00	10.00	**140086**
15.00	35.00	10.00	**333111**
15.00	35.00	11.00	**140432**
15.00	35.00	11.00	**141012**
15.00	35.00	11.00	**142314**
15.00	35.00	11.00	**140084**
15.00	35.00	11.00	**142299**
15.00	35.00	11.00	**333110**
15.00	35.00	11.00	**B140086P#**
15.00	35.00	13.00	**140237**
15.00	35.00	13.00	**140434**
15.00	35.00	14.00	**140265**
15.00	36.00	18.00	**140630**
15.00	38.00	19.00	**140461**
15.00	40.00	12.00	**140839**
15.00	42.00	13.00	**141062**
15.00	42.00	13.00	**141236**
15.00	42.00	13.00	**142016**
15.00	42.00	13.00	**140091**
15.00	42.00	13.00	**140092**
15.00	42.00	13.00	**142276**
15.00	42.00	13.00	**142311**
15.00	42.00	13.00	**333117**
15.00	42.00	13.00	**333118**
15.00	42.00	17.00	**140936**
15.00	43.00	13.00	**140443**
15.00	46.00	14.00	**140239**
15.00	47.00	14.00	**140420**
15.00	47.00	18.00	**140411**
15.00	52.00	16.00	**140462**
16.96	35.00	10.00	**141071**
17.00	30.00	7.00	**140225**
17.00	35.00	10.00	**140273**
17.00	35.00	10.00	**140285**
17.00	35.00	10.00	**142268**
17.00	35.00	10.00	**142286**
17.00	35.00	10.00	**333103**
17.00	35.00	10.00	**333104**
17.00	40.00	12.00	**140088**
17.00	40.00	12.00	**141107**
17.00	40.00	12.00	**142303**
17.00	40.00	12.00	**140087**
17.00	40.00	12.00	**142269**
17.00	40.00	12.00	**333112**
17.00	40.00	12.00	**333113**
17.00	40.00	16.00	**140900**
17.00	47.00	14.00	**141233**
17.00	47.00	14.00	**B141233**
17.00	47.00	14.00	**140093**
17.00	47.00	14.00	**140094**
17.00	47.00	14.00	**142270**
17.00	47.00	14.00	**142307**
17.00	47.00	14.00	**333119**
17.00	47.00	14.00	**333120**
17.00	47.00	18.00	**140589**
17.00	47.00	19.00	**140266**
17.00	47.00	24.00	**140783**
17.00	52.00	15.00	**141199**
17.00	52.00	17.00	**140263**
17.00	52.00	17.00	**140263**
17.00	52.00	17.00	**141232**
17.00	52.00	17.00	**142318**
17.00	52.00	17.00	**B140263**
17.00	52.00	18.00	**140754**
17.00	52.00	18.00	**B140754**
17.00	52.00	21.00	**140569**
17.00	62.00	17.00	**140401**
17.00	62.00	20.00	**140957**
19.00	37.00	9.00	**140412**
20.00	37.00	9.00	**140226**
20.00	42.00	12.00	**140223**
20.00	42.00	12.00	**140286**
20.00	42.00	12.00	**141009**
20.00	42.00	12.00	**141038**
20.00	42.00	12.00	**142285**
20.00	42.00	12.00	**333105**
20.00	42.00	12.00	**B140286P#**
20.00	47.00	14.00	**140816**
20.00	47.00	14.00	**140159**
20.00	47.00	14.00	**140218**
20.00	47.00	14.00	**142288**

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ID	OD	Height	HC-CARGO
20.00	47.00	14.00	**142298**
20.00	47.00	14.00	**141254**
20.00	47.00	14.00	**141255**
20.00	47.00	14.00	**333114**
20.00	47.00	14.00	**B140159P#**
20.00	52.00	15.00	**140175**
20.00	52.00	15.00	**140278**
20.00	52.00	15.00	**142275**
20.00	52.00	15.00	**142300**
20.00	52.00	21.00	**140442**
22.20	56.00	21.00	**140917**
22.20	56.00	21.00	**142319***
24.75	62.00	17.00	**140292**
24.75	62.00	17.00	**B140292P#**
24.94	52.00	15.00	**142062**
25.00	37.00	7.00	**142005**
25.00	42.00	9.00	**140227**
25.00	47.00	12.00	**140274**
25.00	47.00	12.00	**140287**
25.00	47.00	12.00	**142273**
25.00	52.00	15.00	**140516**
25.00	52.00	15.00	**140089**
25.00	52.00	15.00	**140219**
25.00	52.00	15.00	**142274**
25.00	52.00	15.00	**333115**
25.00	52.00	20.60	**140882**
25.00	62.00	17.00	**140279**
25.00	62.00	17.00	**142284**
25.00	62.00	24.00	**140879**
25.00	62.00	25.40	**140883**
25.00	72.00	19.00	**141272**
28.00	58.00	16.00	**142021**
30.00	47.00	9.00	**140868**
30.00	47.00	9.00	**141166**
30.00	55.00	13.00	**140283**
30.00	55.00	13.00	**140886**
30.00	55.00	13.00	**142281**
30.00	62.00	16.00	**140220**
30.00	62.00	16.00	**140288**
30.00	62.00	16.00	**142291**
30.00	72.00	19.00	**140293**
30.00	72.00	19.00	**142283**
30.00	72.00	19.00	**B140293P#**
30.00	72.00	27.00	**140707**
30.00	72.00	27.00	**142315**
35.00	62.00	14.00	**140631**
35.00	62.00	14.00	**140887**
35.00	62.00	14.00	**142289**
35.00	72.00	17.00	**140275**
35.00	72.00	17.00	**140275Z#**
35.00	72.00	17.00	**140289**
35.00	72.00	17.00	**142304**
35.00	72.00	17.00	**B140289P#**
35.00	80.00	21.00	**140281**
35.00	80.00	21.00	**140294**
40.00	68.00	14.90	**140632**
40.00	68.00	15.00	**B140888P#**
40.00	80.00	18.00	**140276**
40.00	80.00	18.00	**140290**
40.00	90.00	23.00	**140282**
40.00	90.00	23.00	**B140282P#**
45.00	100.00	25.00	**140302**
45.00	75.00	15.95	**140633**
45.00	75.00	16.00	**140889#**
45.00	85.00	19.00	**140636**
49.45	90.00	20.00	**140637**
50.00	110.00	27.00	**B140894P#**
50.00	80.00	16.00	**140634**
50.00	90.00	20.00	**B140637P#**
55.00	120.00	29.00	**140304#**
55.00	90.00	18.00	**140891#**
55.00	90.00	18.00	**B140891P#**
55.00	99.95	20.95	**140638**
60.00	110.00	22.00	**B140291P#**
65.00	140.00	33.00	**140642#**
70.00	125.00	24.00	**140640#**

Needle Bearings

ID	OD	Height	HC-CARGO
4.00	8.00	7.90	**141168**
5.00	9.00	8.84	**140617**
5.50	8.50	6.85	**141256**
6.00	10.00	8.00	**140620**
6.00	10.00	9.00	**140619**
8.00	12.00	10.00	**140468**
8.00	12.00	7.88	**140751**
9.00	13.00	10.00	**140935**
9.00	13.00	8.00	**141247**
9.20	13.00	11.90	**141268**
10.00	14.00	10.00	**140482**
10.00	14.00	12.00	**141001**
10.00	14.00	14.00	**140807**
10.00	14.00	14.00	**140919**
10.00	15.00	15.00	**140738**
10.00	15.05	11.60x15.40	**141090**
10.00	17.00	12.00	**140903**
10.00	17.00	15.00	**141111**
11.00	15.50	14.30	**140767**
11.00	17.50	16.50	**140115**
11.13	15.90	12.70	**140421**
12.00	16.00	10.00	**140242**
12.00	16.00	14.00	**141054**
12.00	16.00	14.00	**142065**
12.00	17.00	12.00	**140514**
12.00	18.00	12.00	**140494**
12.00	18.00	14.00	**140483**
12.00	18.00	16.00	**140904**
12.20	19.00	14.80	**252051#**
12.48	17.02	17.00	**140768**
12.50	16.00	9.93	**141263**
14.00	18.72	12.00	**140876**
14.00	20.00	12.00	**140503**
14.00	20.00	13.90	**331936***
14.00	22.00	10.00	**250314#**
14.29 (9/16")	19.05 (3/4")	12.70 (1/2")	**141209**
14.30	20.60	15.80	**252042#**
15.00	21.00	12.00	**140495**
15.00	21.00	14.00	**141039**
15.00	23.00	12.00	**251822#**
15.00	23.00	15.90	**250315#**
15.00	23.00	16.00	**250084#**
15.00	24.00	16.90	**251823#**
15.00	28.00	2.00	**141042#**
15.88	20.64	19.05	**141015**
15.88	23.88	21.88	**140971**
15.90	20.60	12.50	**252041#**
16.00	22.00	12.00	**250317#**
16.00	22.00	16.00	**250318#**
16.00	22.00	20.00	**252349#**
16.00	22.20	12.55	**252043#**
16.00	23.00	16.00	**250071#**
16.00	23.00	22.00	**250013#**
16.00	23.85	18.95	**141007**
17.00	22.20	25.40	**140229**
17.00	23.80	17.00	**140773**
17.00	23.80	17.40	**140120**
17.00	23.80	17.40	**140240**
17.00	23.80	19.00	**250208#**
17.00	23.80	20.60	**140241**
17.00	23.80	22.00	**140772**
17.00	23.80	32.00	**140136**
17.00	23.85	19.45	**140771**
17.00	24.00	20.00	**141086**
17.00	25.00	16.00	**250316#**
17.46	22.23	9.40	**140920**
17.54	23.86	17.41	**141219**
18.00	24.00	12.00	**140375**
18.00	24.00	16.00	**140902**
18.00	24.00	16.00	**140197**
18.00	25.00	25.00	**250128#**

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#Available while stock last, * Program development.

ID	OD	Height	HC-CARGO
19.05	25.05	15.88	**140717**
20.00	26.00	11.85	**251300#**
20.00	26.00	12.00	**140457**
20.00	27.00	37.00	**141019**
20.50	27.00	9.50	**141065**
22.00	28.00	12.00	**140381**
22.00	28.00	16.00	**140972**
22.00	28.00	20.00	**140901**
22.00	28.00	20.00	**140733**
22.00	29.00	12.60	**252050#**
22.20	28.60	9.40	**140750**
22.20	30.20	20.50	**140228**
25.00	32.00	12.00	**142019**
25.00	35.15	15.95	**254077#**
25.40	31.75	9.53	**140470**
26.10	33.00	13.70	**142003**
28.10	35.20	14.60	**142001**
29.50	36.70	13.30	**141225**
30.00	37.00	16.00	**141040**
30.50	37.00	11.90	**141269**
30.50	37.00	15.90	**141084**
34.00	48.00	15.00	**140198**
35.00	42.00	16.00	**250745#**
40.00	47.00	12.00	**250806#**
	22.23	12.65	**251515#**

Roller Bearings

ID	OD	Height	HC-CARGO
19.00/12.70	31.70/19.00	19.00/25.40	**140230**
15.00	35.00	11.00	**140515**
17.00	40.00	12.00	**140760**
20.00	47.00	14.00	**140816**
20.00	47.00	15.30	**140803**
25.00	52.00	15.00	**140516**
25.00	52.00	15.00	**140516**
25.00	52.00	15.00	**140761**
25.00	62.00	17.00	**140650**
25.00	62.00	17.00	**141275#**
27.00	47.00	14.00	**140490**
30.00	62.00	16.00	**140762**
30.00	72.00	19.00	**140446**
30.00	72.00	19.00	**141044**
31.75	69.85	17.46	**140445**
45.00	85.00	20.80	**140968#**

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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Various

Multi Purpose Grease



200745 Multi Purpose Grease

Servicing: 010304

Content 200 g

Universal grease for general and industrial use. For small and mediumsized bearings, even under demanding conditions. Has water repellent properties and protects against corrosion. Used in: agricultural machinery, motor wheel bearings, small electric motors, conveyor systems etc.

Bearing Grease



200748 Molykote 33 Bearing Grease

Servicing: 010303

Content 100 g

Molykote 33 is used to lubricate ball and sometimes roller bearings operating under light to moderate loads and at low to medium speeds.
Typical applications include: Starter drives, freezer, car casters and cold room conveyor equipment. Maximum demand meters, power factor meters, watt-hour meters, windshield wiper motor gears.



200749 Molykote 33 Bearing Grease

Servicing: 010308

Content 1 kg

Molykote 33 is used to lubricate ball and sometimes roller bearings operating under light to moderate loads and at low to medium speeds.
Typical applications include: Starter drives, freezer, car casters and cold room conveyor equipment. Maximum demand meters, power factor meters, watt-hour meters, windshield wiper motor gears.



200746 Molykote br2+ Bearing Grease

Servicing: 010307

Content 100 g

Molykote BR 2 plus universal heavy duty grease provides:
• Reduction of wear
• Emergency lubrication
• Higher operational reliability
• Extended lubrication intervals even under high loads and difficult running conditions.
Molykote BR 2 plus is suitable for a wide temperature
range; it is resistant to oxidation and resist hot and cold water. It also has good corrosion-inhibiting properties.
Range of application
Molykote BR 2 plus can be used wherever grease lubrication is normally applied, e.g. for:
• All types of antifriction bearings
• Plain bearings and guides
• Joints and splined shafts
• Threaded spindles and small gear units at low speeds and all bearings subject to severe impact loads or exposed to extreme atmospheric conditions
• For chassis lubrication on motor vehicles.



200747 Multi Purpose Grease

Servicing: 010039

Content 1 kg

Molykote BR 2 plus universal heavy duty grease provides:
• Reduction of wear
• Emergency lubrication
• Higher operational reliability
• Extended lubrication intervals even under high loads and difficult running conditions.
Molykote BR 2 plus is suitable for a wide temperature
range; it is resistant to oxidation and resist hot and cold water. It also has good corrosion-inhibiting properties.
Range of application
Molykote BR 2 plus can be used wherever grease lubrication is normally applied, e.g. for:
• All types of antifriction bearings
• Plain bearings and guides
• Joints and splined shafts
• Threaded spindles and small gear units at low speeds and all bearings subject to severe impact loads or exposed to extreme atmospheric conditions
• For chassis lubrication on motor vehicles.

O.E.M. names and numbers are used for reference purposes only.

All measurements are in mm, unless else stated.
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O-Rings





ID	Thickness	HC-CARGO	Pkg.
2.57	1.78	250078	50
2.90	1.78	250635	50
3.70	1.80	230378	10
4.00	2.00	134485	10
5.00	1.45	080063#	10
5.00	1.80	232434	5
5.00	2.00	134484	10
5.50	2.40	230379	10
5.70	1.55	233057	10
6.00	2.00	134633	10
6.00	2.00	251598	50
6.00	2.50	134692	10
6.00	3.00	138750	10
6.02	2.62	252165	50
6.50	2.00	080420	10
7.00	2.50	139839	10
7.70	1.80	230377	10
8.00	1.80	233046	10
8.00	2.00	134486	10
8.00	2.50	135498	10
8.65	1.75	233048	10
8.92	1.83	252683	50
9.25	1.78	250153#	50
9.25	1.78	250637	50
9.60	1.78	233599	10
9.60	1.80	139422	10
9.76	1.87	250989	10
10.00	2.00	134487	10
10.00	2.00	250670	50
10.00	3.00	230381	10
10.52	1.83	250803	50
10.82	1.78	251119#	50
11.20	1.80	139421	10
11.90	1.78	230380#	5
12.00	2.50	138751#	10
12.00	2.50	251581	50
12.00	3.00	134776	10
12.20	1.80	230376	10
12.37	2.62	252164	50
13.00	3.00	137730	10
14.00	1.78	250190	50
14.00	3.00	252481	50
14.50	2.50	250154	25
15.00	2.50	250476	50
15.54	2.62	250152	50
16.00	2.50	134482	10
16.36	2.21	252685	10
17.12	2.62	250728#	50
17.50	2.20	250076	10
17.76	1.90	250990	25
18.00	1.48	251256	50
18.50	2.50	250110	50
18.72	2.62	250056#	50
18.77	1.78	250672	50
18.89	3.65	250642	25
20.00	1.74	252101#	10
20.22	3.53	250134	25
21.60	2.40	250087#	50
21.90	2.62	250668#	25
23.52	1.78	251257	50
24.50	3.00	250082	10
25.00	2.00	132660	5
25.00	2.50	250075	50
25.12	1.78	252594	50
26.00	2.00	137038	10
26.65	2.62	251425	25
27.00	2.50	251576	50

ID	Thickness	HC-CARGO	Pkg.
28.00	2.00	135357	10
29.00	3.00	251600	50
29.20	3.00	252601#	50
29.50	2.00	250604	50
29.87	1.78	252597	50
30.00	2.00	139561	10
30.00	2.50	139562	10
30.70	3.00/2.10	253389#	50
31.35	0.80	230382#	10
31.35	3.55	137736	5
31.90	3.30	251296	10
32.00	2.00	138007	10
32.00	4.00	135399	10
32.92	3.53	251292	10
34.00	1.70	139737	5
34.00	3.00	250156	50
34.65	1.75	233712	10
34.65	1.78	251294	50
35.00	2.00	134612	10
35.00	3.00	250185	50
38.00	2.00	252619	50
38.00	2.50	136681	5
40.00	1.00	134491	10
40.00	2.50	230634	10
43.00	2.00	134489	10
43.00	2.50	132893	10
44.00	2.45	235692	10
46.50	1.90	231891	10
47.30	2.60	134716	10
48.00	2.50	132891	10
49.20	2.75	231331	10
50.00	1.80	237684	10
50.00	3.00	252633	25
50.52	1.78	252613	50
52.00	3.00	134931	10
52.45	1.95	139563	10
52.50	4.85	139205	10
53.50	1.95	232432	5
56.00	2.00	133040	10
56.70	3.50	233049	10
61.00	2.00	132659	5
61.00	2.50	331512	10
62.00	2.00	134490	10
63.50	1.60	133717	5
64.00	2.50	133597	5
66.40	1.78	252620#	25
67.50	2.15	330643	10
69.00	2.00	132892	10
70.00	1.50	138433	10
70.00	2.00	137717	10
70.00	2.50	137154	5
71.00	2.00	132900	10
71.00	3.00	138193	10
72.00	2.00	133598	5
72.00	2.40	235757	10
73.00	1.55	139416	1
76.00	2.00	251159	10
79.00	2.00	133974	5
80.00	1.50	230147	5
82.22	2.62	251260	10
83.00	3.00	136690	5
86.90	1.50	133965	5
90.00	2.00	252639	10
90.00	2.00	253387#	50
90.00	3.00	251136	25
92.00	3.00	136630	5
95.00	2.50	233084	10
100.00	2.00	134965	10
100.00	2.50	251216	10
101.27	2.62	251563	10
102.00	3.00	252641	10
102.60	1.75	235736	10
104.00	2.00	252482	10
104.00	2.50	250070	10
104.35	2.42	250652#	25

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ID	Thickness	HC-CARGO	Pkg.
104.37	3.53	**251160**	**25**
105.00	1.80	**251915**	**10**
105.00	2.00	**230447**	**10**
105.00	4.00	**136340**	**10**
105.00	5.00	**238300**	**10**
106.00	2.00	**252643**	**25**
106.00	3.00	**251169**	**25**
106.00	4.50	**136431**	**5**
108.00	3.00	**250003**	**10**
108.80	1.40	**250095**	**50**
109.00	3.00	**253388#**	**50**
109.55	2.30	**252833**	**10**
110.00	2.00	**250723**	**10**
111.00	2.00	**250774**	**10**
113.00	3.00	**250794**	**10**
113.97	2.62	**250081**	**10**
114.00	3.00	**250186**	**10**
115.00	2.00	**250157**	**10**
118.00	2.50	**250679**	**10**
119.00	3.90	**234941**	**10**
120.00	2.00	**251173**	**10**
123.00	3.00	**136691**	**5**
132.00	2.30	**330318**	**10**
136.00	3.50	**330047**	**10**
142.00	3.00	**131444**	**10**
155.00	2.30	**234669**	**10**
	1.40	**231391**	**5**
	1.70	**233053**	**10**
	1.83	**233985**	**10**
	2.00	**134488**	**10**
	2.00	**237603**	**5**
	2.40	**232433#**	**5**
	2.50	**233050**	**10**
	2.50	**233051**	**10**
	2.50	**250678**	**10**
	3.00	**134613**	**10**
	3.50	**233052#**	**10**
		080194	**10**
		232597	**10**
		250417#	**1**
		251168	**1**
		251287	**1**
		252702#	**1**

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Sealing Rings





HC-CARGO	ID	OD	Thickness	Material
190823	6.00	10.00	1.00	Copper
190824	6.30	12.00	1.00	Copper
080007	8.00	12.00	1.50	Copper
190828	8.00	14.00	1.00	Copper
190826	8.20	12.00	1.00	Copper
080008	10.00	12.00	1.50	Copper
080009	10.00	14.00	1.00	Copper
190806	10.30	16.00	1.00	Copper
190807	12.00	16.00	1.50	Aluminium
190808	12.00	16.00	1.50	Copper
190809	12.00	18.00	1.50	Copper
190810	13.00	18.00	1.50	Copper
190811	14.00	18.00	1.50	Aluminium
190812	14.00	18.00	1.50	Copper
190813	14.00	20.00	1.50	Aluminium
190815	14.00	20.00	1.50	Copper
190816	16.00	20.00	1.00	Copper
190817	16.00	20.00	1.50	Copper
190818	16.00	22.00	1.50	Copper
191489	16.00	24.00	1.50	Copper
190819	18.00	22.00	1.50	Copper
190820	18.00	24.00	1.50	Copper
191490	18.00	26.00	1.50	Copper
190821	20.00	26.00	1.50	Copper
190822	22.00	27.00	1.50	Copper
134769	22.30	27.20	1.60	Fiber

Various Washers





HC-CARGO	ID	OD	Thickness	Material
132581	5.00	14.00	1.55	Plastic
132582	6.35	15.15	3.55	Plastic
191358	12.00	24.00	1.00	Copper
135290	12.10	29.70	2.00	Fiber
134914	14.40	19.70	2.40	Metal
134766	15.00	41.00	1.00	Rubber
135634	15.50	23.00	2.10	
135469	18.00	28.00	4.00	Neoprene
134708	18.00	28.00	4.00	Rubber
135470	18.00	30.00	4.00	Neoprene
134709	27.85	58.80	1.60	Rubber

Insulator Washers





HC-CARGO	ID	OD	Thickness	Material
191346	4.00	13.00	1.00	Red fiber
191341	5.00	10.00	1.00	Red fiber
191351	5.00	12.00	1.00	Red fiber
191352	5.00	16.00	1.00	Red fiber
080031	5.00	9.50	2.00	Fiber
191344	6.00	10.00	1.00	Red fiber
080032	6.00	10.00	1.50	Nylon
191350	6.00	18.00	1.50	Red fiber
191442	7.50	14.00	3.00	Red fiber
191353	8.00	12.00	0.50	Red fiber
191345	8.00	20.00	2.00	Red fiber
191434	10.00	14.00	1.00	Red fiber
191349	10.00	16.00	1.00	Red fiber
080034	10.00	16.00	1.50	Fiber
191648	10.00	25.00	2.00	Red fiber
191356	10.00	29.00	1.00	Red fiber
080035	12.00	18.00	1.50	Fiber
191339	12.00	19.00	1.00	Red fiber
134699	12.15	23.80	1.00	Fiber
191348	12.20	22.00	1.00	Red fiber
191347	13.00	23.00	1.50	Red fiber
191646	13.00	29.00	2.00	Red fiber
080036	14.00	20.00	1.50	Fiber
191532	14.00	34.00	2.00	Red fiber
191430	14.50	29.00	1.00	Red fiber
134768	15.00	22.00	2.00	Fiber
191342	15.00	29.00	3.00	Red fiber
080033	15.00	8.00	1.50	Fiber
134764	18.50	23.50	1.60	Fiber
134770	20.50	25.80	1.60	Fiber
191355	20.50	35.00	1.50	Red fiber
191357	23.80	36.00	2.50	Red fiber
134159#	25.85	36.45	1.00	Fiber
191340	29.00	33.00	1.50	Red fiber
191354	45.00	51.00	1.00	Red fiber

Insulator Paper



191379 Insulator Paper

Servicing: 010304

Length 80 mm, **Thickness** 0.3 mm, **Width** 61.5 mm, **Colour** Black, **Material** Polyuspan



191443 Insulator Paper

Servicing: 010304

Length 220 m, **Thickness** 0.5 mm, **Width** 120 mm, **Colour** Red, **Material** Fiber

All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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Oil Seals





HC-CARGO	ID	OD	Height	Pkg.
138369	11.00	28.00	7.50	**5**
132663	11.50/11.50	25.40/25.40	4.50/5.00	**1**
132734	12.00	24.00	6.00	**5**
133513	14.00	30.00	7.00	**5**
137803	14.00	30.00	7.00	**1**
132664	14.00/14.00	30.20/30.30	5.00/4.50	**1**
132662	14.80	30.00	5.00	**1**
132297	14.80	32.15	6.55	**5**
132661	15.00	32.00	7.50	**5**
132549	15.50	30.10	7.00	**10**
237688	15.80	30.00	7.00	**10**
133020	16.55	35.25	6.90	**1**
138914	16.70	21.55	3.00	**10**
132319	17.00	27.00	7.00	**5**
133524	17.00	30.00/37.00	8.00	**10**
132682	17.46	34.80	6.35	**10**
132825#	17.65	31.95	6.35	**10**
134481	18.30	30.20	6.95	**5**
135940	18.50	42.15	6.50	**10**
233591	18.75	34.20	4.90	**10**
135575	19.00	27.00	6.00	**5**
133523	19.00	32.00	6.00	**5**
135579	19.00	32.00	7.00	**5**
135642	19.35	35.20	6.45	**5**
132382	19.50	34.90	9.50	**10**
230448	20.00	32.00	6.30	**10**
136014	20.00	35.00	7.00	**10**
230759	21.00	38.00	2.45	**5**
231573	21.60	32.15	6.70	**5**
136665	22.00	35.00	7.00	**5**
139895	22.20	28.60	3.80	**5**
236453	23.00	42.00	3.25	**10**
139381	23.63	37.50	7.00	**5**
135199	24.30	35.10	5.90	**10**
137177	25.00	37.00	3.55	**10**
139588	25.70	37.15	6.80	**5**
132981	28.00	35.00	3.10	**5**
233545	28.00	38.00	2.50	**10**
133065	28.00	47.00	7.00	**10**
133065	28.00	47.00	7.00	**10**
235142	28.00	47.00	7.00	**5**
139618	28.50	44.50	5.00	**5**
139383	29.50	40.50	7.00	**5**
230673	29.70	39.00	2.85	**500**
230335	30.00	37.00	4.00	**5**
230367	30.00	37.00	4.00	**5**
136857	30.00	38.00	2.60	**10**
135851	30.00	42.10	8.00	**5**
133066	31.50	52.20	7.30	**1**
232855	31.85	41.45	5.65	**1**
131448	33.00	45.00	7.00	**10**
139389	33.50	52.60	6.00	**1**
135372	35.00	47.00	7.00	**5**
138130	35.00	51.00	8.00	**1**
136016	38.00	52.00	7.00	**1**
139624	40.00	52.50	6.50	**1**
138121	77.70	89.00	7.60	**5**

Oil Seals Kit




HC-CARGO	ID	OD	Height
250220#	9.80	25.90	12.40
250376#	10.55	30.00	12.15
250294#	10.65	26.00	12.20
250602#	10.75	26.25	10.95
251615#	13.00	22.15	11.00
252290#	14.40	27.20	13.25
250694#	14.70	24.15	10.20
251295#	18.25	30.20	7.80

w/ O-ring





HC-CARGO	ID	OD	Height	Pkg.
250997#	9.70	23.90	12.00	**5**
251027#	10.50	29.90	14.35	**5**
250325#	10.70	30.00	12.00	**10**
253257#	11.00	31.90	14.40	**10**
250707#	11.15	30.00	14.45	**10**
252112#	11.40	30.00	9.00	**10**
250326#	12.00	29.95	10.60	**5**
252972#	12.25	29.90	10.45	**10**

O.E.M. names and numbers are used for reference purposes only.

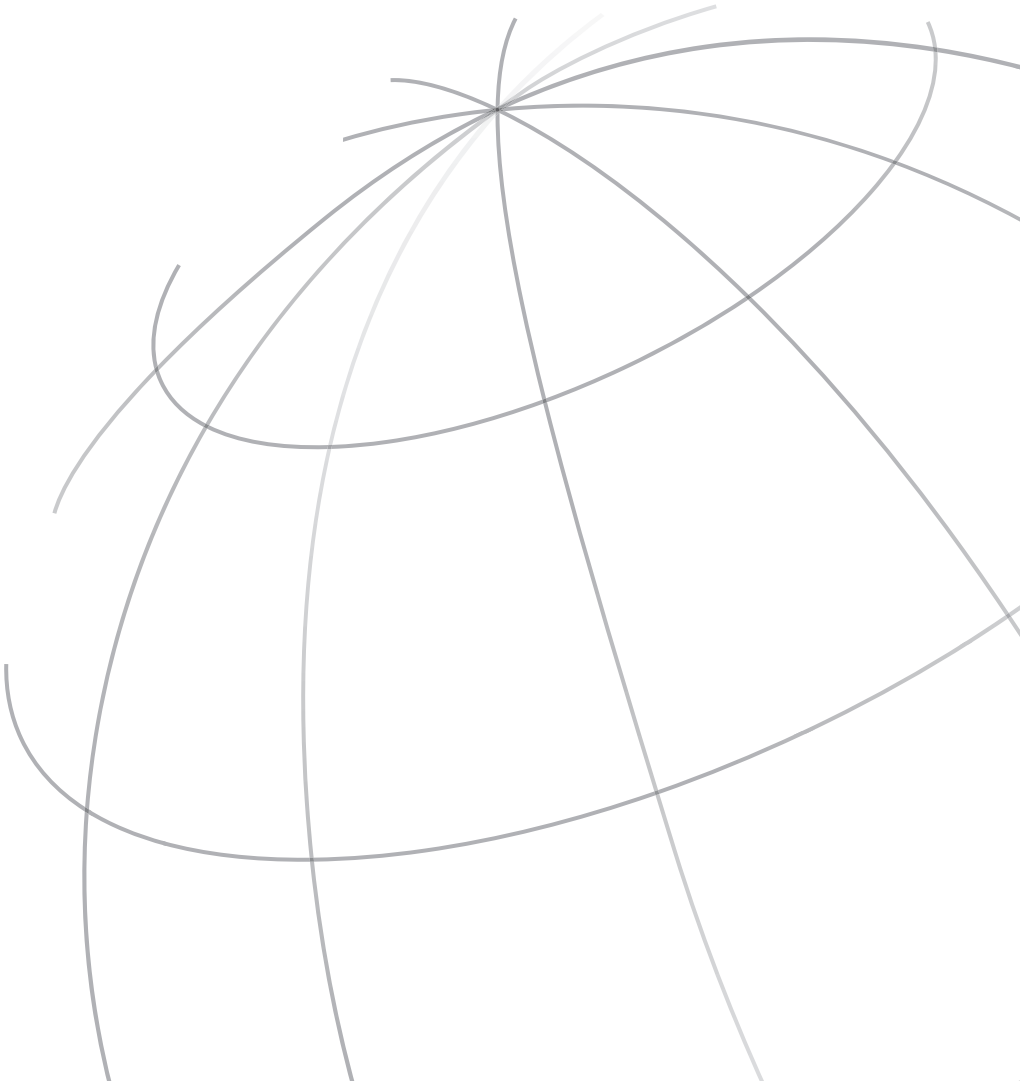
All measurements are in mm, unless else stated.
#Available while stock last, * Program development.

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ALTERNATOR PARTS

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Assortments



Edition 2015/2016

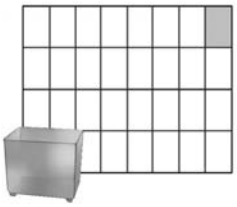
ISO 9001
BUREAU VERITAS
Certification

Assortment Box and Inserts

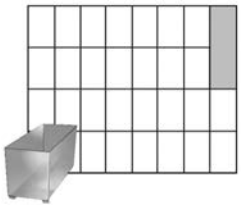


200663 Std pkg 6
Profi Service Case, empty.
Can be divided using inserts.
Dim.: 340 x 265 x 57 mm.
Polypropylene (Unbreakable).

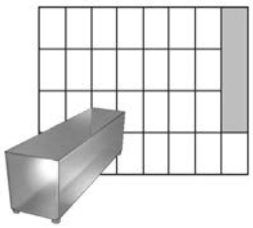
INSERTS FOR ASSORTMENT BOXES
Polypropylene (Unbreakable)



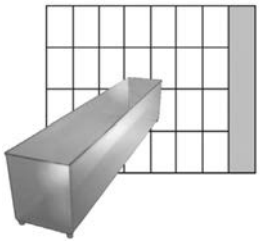
200664 Std pkg 96
Dim.: 55 x 40 x 45 mm.



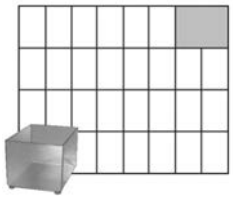
200665 Std pkg 48
Dim.: 110 x 40 x 45 mm.



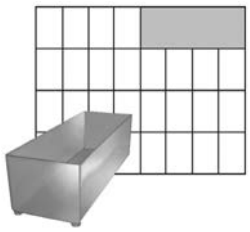
200666 Std pkg 30
Dim.: 165 x 40 x 45 mm.



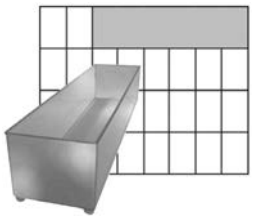
200667 Std pkg 24
Dim.: 220 x 40 x 45 mm.



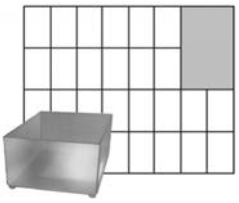
200668 Std pkg 48
Dim.: 55 x 80 x 45 mm.



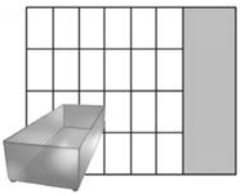
200669 Std pkg 24
Dim.: 55 x 160 x 45 mm.



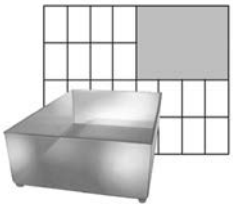
200670 Std pkg 15
Dim.: 55 x 240 x 45 mm.



200671 Std pkg 24
Dim.: 110 x 80 x 45 mm.



200672 Std pkg 12
Dim.: 220 x 80 x 45 mm.



200673 Std pkg 12
Dim.: 110 x 160 x 45 mm.



200676
Display for 4 Profi Service Cases.
Dim.: 330 x 360 x 200 mm



200693
Display for 4 Profi service cases.
Dim.: 313 x 373 x 265 mm
Can be assembled horizontally or vertically.

All measurements are in mm, unless else stated.
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Spacers for Pulleys / Alternators — 802023

HC-CARGO	Item	Qty.
134273	Spacer	5
610021	Spacer	5
610022	Spacer	5
610023	Spacer	5
610024	Spacer	5
610025	Spacer	5
610026	Spacer	5
610027	Spacer	5
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610034	Spacer	5
610036	Spacer	5
610040	Spacer	5
610041	Spacer	5
610061	Spacer	5
610062	Spacer	5
610063	Spacer	5



Special Bearings / European Alternators — 802025

HC-CARGO	Item	Qty.
140105	Ball Bearing 62201/2rs	1
140106	Ball Bearing	1
140115	Needle Bearing	1
140116	Ball Bearing	1
140120	Needle Bearing	1
140176	Ball Bearing	1
140240	Needle Bearing	1
140263	Ball Bearing	1
140265	Ball Bearing 62202/2rs	1
140266	Ball Bearing 62303/2rs	1
140401	Ball Bearing 6305/17-2rs1/c3	1
140442	Ball Bearing	1
140515	Roller Bearing	1
140516	Roller Bearing	1
140569	Ball Bearing	1



Small Bearings / Alternators — 802026

HC-CARGO	Item	Qty.
140081	Bearing 6201/2rs	5
140084	Bearing 6202/2rs	2
140087	Bearing 6203/2rs	2
140091	Bearing 6302/2rs	2
140093	Bearing 6303/2rs	2
140218	Bearing 6204/2rs	2
140219	Bearing 6205/2rs	2
140220	Bearing 6206/2rs	2
140222	Ball bearing 608/2rs	5
140223	Ball Bearing 6004/2rs	2
140272	Bearing 6002/2rs	5
140273	Bearing 6003/2rs	5
140274	Bearing 6005/2rs	2
140278	Bearing 6304/2rs	2
140296	Bearing 607/zz	5
140300	Bearing 627/zz	5
140301	Bearing 629/zz	5
140459	Bearing 625/2rs	5
140523	Bearing 626/2rs	5
333101	Bearing 6001/2rs	5
333091	Bearing 6200/2rs	5
B140271P	Bearing 6000/2rs	5
B140277P	Bearing 6301/2rs	2
B140635P	Bearing 6300-2rs1/c3	2



Brushes / Japanese Alternators — 802027

HC-CARGO	Item	Qty.
140342	Brush Set	2
140343	Brush Set	2
140351	Brush Set	2
140352	Brush Set	2
140353	Brush Set	2
140354	Brush Set	2
140365	Brush Set	2
140367	Brush Set	2
140368	Brush Set	2
140369	Brush Set	2
140370	Brush Set	2
140371	Brush Set	2
140380	Brush Set	2
140437	Brush Set	2
140576	Brush Set	2
140577	Brush Set	2



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Oil Seal / Alternators — 802029

HC-CARGO	Item	Qty.
132297	Oil Seal	5
132319	Oil Seal	5
132549	Oil Seal	3
132661	Oil Seal	5
132662	Oil Seal Kit	1
132663	Oil Seal Kit	1
132664	Oil Seal Kit	1
132734	Oil Seal	5
133065	Oil Seal	3
133513	Oil Seal	5
133523	Oil Seal	5
133524	Oil Seal	5
136014	Oil Seal	3

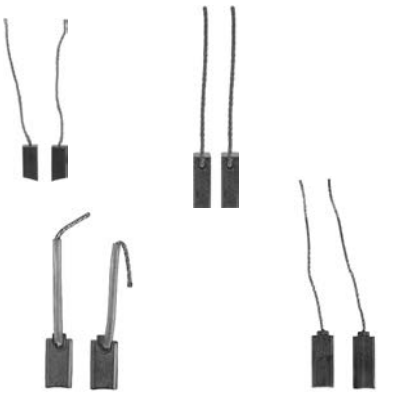
HC-CARGO	Item	Qty.
136016	Oil Seal	1
137803	Oil Seal Set	1
138130	Oil Seal	1
138369	Oil Seal	5



Brushes — 802031

HC-CARGO	Item	Qty.
140342	Brush Set	2
140343	Brush Set	2
140351	Brush Set	2
140353	Brush Set	2
140365	Brush Set	2
140367	Brush Set	2
140369	Brush Set	2
140380	Brush Set	2
140437	Brush Set	2
BX1822	Brush Set	2
BX1852	Brush Set	2
LAX31-322	Brush Set	2
MX12	Brush Set	2
PX52-542	Brush Set	2

HC-CARGO	Item	Qty.
RX103F2	Brush Set	2
SVX72	Brush Set	2



Free Wheel Pulleys / Bosch — 802033

HC-CARGO	Item	Qty.
138203	Pulley	1
138282	Pulley	1
138807	Pulley	1
139281	Pulley	1
230083	Pulley	1
230292	Pulley	1
230293	Pulley	1
230305	Pulley	1



Bearing Caps / Alternators — 802034

HC-CARGO	Item	Qty.
130903	Tolerance Ring	3
131826	Bearing Cap	3
131827	Bearing Cap	3
131828	Bearing Cap	3
132769	Bearing Cap	2
133648	Bearing Cap	3
134428	Bearing Cap	3
135170	Bearing Cap	3
135171	Bearing Cap	3
135407	Bearing Cap	2
136235	Bearing Cap	3
139681	Bearing Cap	3
139929	Bearing Cap	2
139952	Bearing Cap	3

HC-CARGO	Item	Qty.
610521	Bearing Cap	3
B332583	Bearing Cap	3



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Needle Bearings — 802035

HC-CARGO	Item	Qty.
140242	Needle bearing	5
140375	Needle bearing	2
140421	Needle bearing	2
140468	Needle bearing	2
140482	Needle bearing	5
140483	Needle bearing	2
140494	Needle bearing	10
140495	Needle bearing	2
140503	Needle bearing	2
140514	Needle bearing	2
140552	Needle bearing	1
140617	Needle bearing	5
140619	Needle bearing	5
140620	Needle bearing	5
140738	Needle bearing	1
140751	Needle bearing	5
140752	Needle bearing	2
140767	Needle bearing	1
140768	Needle bearing	1
140807	Needle bearing	3
140876	Needle bearing	1
140903	Needle bearing	1
140904	Needle bearing	2
140919	Needle bearing	2
140935	Needle bearing	2
141001	Needle bearing	2
141039	Needle bearing	2
141054	Needle bearing	2
141090	Needle bearing	2
141168	Needle bearing	2
141209	Needle bearing	2
141219	Needle bearing	2



Regulators I — 802036

HC-CARGO	Item	Qty.
130657	Regulator	1
131283	Regulator	1
131340	Regulator	1
132666	Regulator	1
132903	Regulator	1
134475	Regulator	1



Regulators II — 802037

HC-CARGO	Item	Qty.
130661	Regulator	1
130676	Regulator	1
130958	Regulator	1
131224	Regulator	1
131277	Regulator	1
133417	Regulator	1
134687	Regulator	1
134761	Regulator	1
138108	Regulator	1
139925	Regulator	1
610274	Regulator	1



Slip Ring — 802038

HC-CARGO	Item	Qty.
131219	Slip Ring	2
131814	Slip Ring	2
132642	Slip Ring	2
133401	Slip Ring	2
133402	Slip Ring	2
133409	Slip Ring	2
133610	Copper Ring	10
133924	Slip Ring	2
134492	Slip Ring	2
135172	Slip Ring	4
135173	Slip Ring	2
135179	Slip Ring	2
136682	Slip Ring	2
138421	Slip Ring	2
138441	Slip Ring	2
230090	Slip Ring	5



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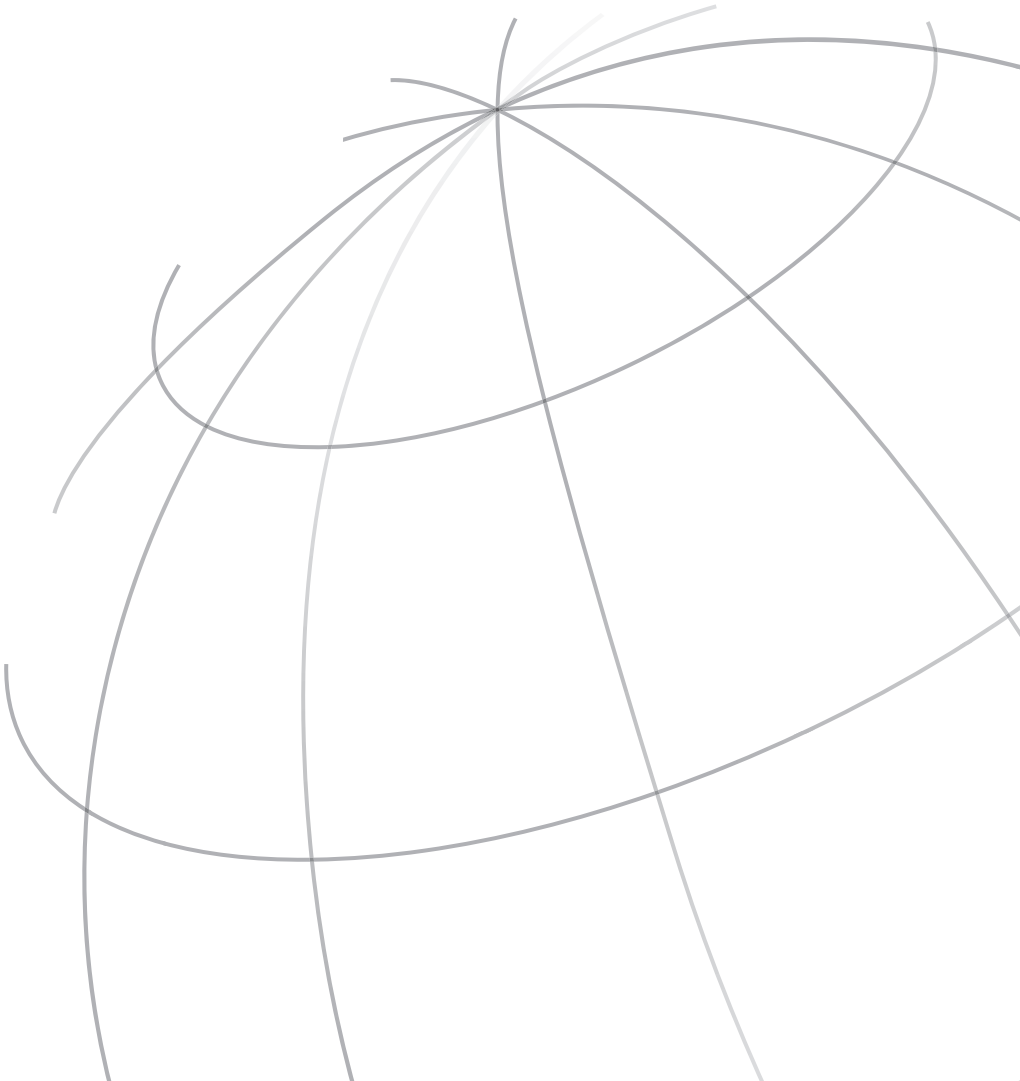
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Cross reference list

OE no. - HC-CARGO no.



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

O.E. No.	HC-CARGO
BOSCH	
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O.E.M. names and numbers are used for reference purposes only.

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O.E. No.	HC-CARGO
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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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1125045224	139300
1125045225	136841
1125045226	136346
1125045227	136346
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1125045229	136702
1125045231	135615
1125045232	135615
1125045233	135904
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1125045309	139170
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1125045313	137514
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1125045318	137285
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1125045323	233926
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1125045326	135616
1125045327	135616
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1125045504	133081
1125045507	136702
1125045509	230123
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1125045514	139941
1125045515	135615
1125045517	138059
1125045525	234547
1125045527	230563
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1125045533	136346
1125045534	135615
1125045536	135615
1125045537	135904
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1125045542	136702
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1125045544	138059
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1125045555	138060
1125045556	137382
1125045557	135617
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1125045561	230563
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1125045567	138062
1125045568	138057
1125045570	233926
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1125045574	137382
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1125500152	135386
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1125500586	232177
1125500588	232210
1125500594	237631
1125500596	230184
1125500603	135241
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1125500607	135398
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1125823077	139264
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1125824084	132210
1125824122	132210
1125824123	134118
1125824124	134118
1125824141	135555
1125824148	132213
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1125824178	133906
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1125824237	132213
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1125824398	136799
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1125824668	136821
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1125824698	239227
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1125824967	139993
1125824969	137139
1125824970	136361
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1125824998	233336
1125824999	138020
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1125825015	135813
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1125825049	134636
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1125825525	139355
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1125825540	234379
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1125885241	139280
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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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RS/ZA75/12/3	29100

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CASE

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CATERPILLAR

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1861504	131182
1861510	136548
1861512	136548
1861514	138498
1861516	138498
1861524	138498

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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1861546	135603
1861600	130605
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1861666	139363
1861668	130605
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1861706	230074
1861712	234063
1861716	234063
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1861726	139617
1697A220	130604
1697A520	130605
1697D220	130604
1697D520	130605
1697D546	139363
1861A424	131223
1861A444	131182
1861A502	131182
1861A504	131182
1861A510	136548
1861A512	136548
1861A514	138498
1861A516	138498
1861A522	131182
1861A524	138498
1861A532	136548
1861A540	135046
1861A542	135602
1861A546	135603
1861A548	135046
1861A700	230074
1861A706	230074
1861A712	234063
1861A716	234063
1861A720	139617
1861A726	139617
5293-57	139732
5330-423	139742
5330-501	234137
5335-807	233644
5335-963C	192592
5335-963E	192591
5337-64B	139731
546-10	135046
546A-21	135046
546A-25	135046
5586-224	139389
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5933-906	132981
594-1	230074
594-4	230074
594-9	234063
594A-1	230074
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594A-14	139617
594A-4	230074
594A-9	234063
600-2	136548
6010-107	135582
6010-234	139686
6010-235	139685
6010-239	234134
6010-30	139372
6019-464	139392
6019-670	140445
6019-868	140089
6019-868	B140089Z
6067-69	AX322
6067-72	AX332
6067-73	AX332
6067-74	AX332
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6211-675E	230379
6211-675H	230381
6211-675M	230382
6211-675N	230380
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6220-321A	137034
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6220-477	130971
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6220-481	139737
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6220-693	140086
6220-693	333111
6220-694	140175
6220-75	139733
6220-905	139734
6220-911	139741
6220-912A	138890
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6270-125	139384
6270-28	139375
6270-28A	139376
6270-29	139223
6270-315	140446
6270-316	140093
6270-316	333119
6270-32	139377
6270-369	139386
6270-369A	139387
6270-395	133495
6270-395A	133496
6270-49	139379
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6270-501	139686
6270-54	139381
6270-541	139686
6270-54A	139382
6270-54B	139383
6270-54E	139624
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6317-31H	131182
6317-31O	131182
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6332-A1379	139687
6332-A1388	139368
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6332-A1469	139683
6332-A1470	139684
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6360-61	140219
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NC2-51	140219
NC2-51	333115
NK1-9	230962
NKI-8	234076
NU10-11T1	233643
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2421804	133923
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5226003	233935
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5226848	138754
5227174	134007
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5234625	131280
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04861506AG	332486
4861513AB	331792
4861513AC	331792
4861513AD	331792
4861513AA	331792
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53013554AE	235794
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CH2202	131420
CH2252	131419
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CH543	131280
CH544	131280
CH545	131280
CN1467	140240
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3909982	140772
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235887	235887
236334	236334
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012580-4630	133672
012580-4760	133672
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021040-1980	333435
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021041-3791	136102
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021041-4140	139345
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021041-4420	132835
021041-4460	133345
021041-4490	137689
021041-4500	133344
021041-4520	132835
021041-4530	133344
021041-4540	133517
021041-4630	234913

O.E.M. names and numbers are used for reference purposes only.

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021041-4990	133517
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021041-5190	137658
021041-5230	135627
021041-5240	137969
021041-5270	233944
021041-5290	133517
021041-5360	132835
021041-5400	137679
021041-5410	132834
021041-5440	137679
021041-5470	138973
021041-5570	137666
021041-5580	132835
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021041-5700	136096
021041-5710	137682
021041-5770	137655
021041-5890	135628
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021041-6130	133344
021041-6160	133344
021041-6230	137662
021041-6250	137662
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021041-6580	236489
021041-6640	230506
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021041-6950	232165
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021041-7580	230507
021041-8250	235532
021041-8380	234025
021041-9280	230959
021041-9650	137679
021042-6910	137679
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021045-0040	239538
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021045-0300	231602
021045-0310	235484
021045-0470	231507
021045-0530	137452
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021100-1870	136247
021100-1960	133748
021100-2040	136247
021100-2150	231514
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021100-2360	136907
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021100-2480	133203
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021100-3400	135138
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021100-3420	230908
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021100-3580	133203
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021100-3790	133203
021100-3791	133203
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021100-3810	135625
021100-3850	135138
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021100-3900	138730
021100-4070	230908
021100-4080	135414
021100-4100	230908
021100-4110	135414
021100-4140	135413
021100-4230	135138
021100-4320	231266
021100-4330	135138
021100-4360	137051
021100-4390	135138
021100-4400	135138
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021200-2511	136617
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021200-3520	137970
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021200-3820	138571
021200-3830	136448
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021200-3890	138416
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021200-4050	230695
021200-4110	230695
021200-4131	137394
021200-4132	137394
021200-4140	137667
021200-4141	137667
021200-4150	137684
021200-4151	137684
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021200-4361	136616
021200-4380	136616
021200-4670	135949
021200-4770	135949
021200-4890	138416
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021200-5701	138572
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021200-6200	235058
021200-6490	135837
021200-6491	135837
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021400-1100	138677
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021400-1991	139178
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021400-2310	138677
021400-2450	138677
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021400-3191	137806
021400-4750	136577
021400-6910	137804
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021400-8640	139180
021400-8650	137449
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021400-9100	137651
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021401-4850	137681
021401-4851	137681
021401-4900	137654
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021401-5270	139182
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021401-6830	139226
021401-6950	137676
021401-7240	137651
021401-7900	137681
021401-7901	137681
021401-8020	137676
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021401-8930	235291
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021411-0400	139935
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021411-0480	230907
021411-0500	230996
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021411-0570	231104
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021500-4721	138678
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021500-5081	138678
021500-6081	139596
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021501-2880	137424
021501-3691	138192
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021501-4161	139080
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021501-5330	137659
021501-5900	231769
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021501-6201	230238
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021501-6220	137680
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021501-6700	137686
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021501-7851	230301
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021541-1081	133752
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021542-0050	140439
021542-0120	232790
021542-0160	232790
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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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949100-2701	140278
949100-2740	140272
949100-2760	140271
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949100-2790	140237
949100-2800	140091
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949100-2820	140093
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949100-3380	140239
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949100-3460	140087
949100-3460	333112
949100-3461	140239
949100-3462	140239
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949100-3481	140461
949100-3540	140079
949100-3540	333091
949100-3630	140084
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949100-4620	140239
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949100-5010	142075
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949100-5220	140272
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949100-5230	333106
949100-5240	140272
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949100-5250	140272
949100-5250	333102
949100-5260	140297
949100-5280	140223
949100-5280	333105
949100-5360	140237
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949100-5940	140091
949100-5940	333117
949100-6070	140222
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949100-6080	140222
949100-6080	333106
949100-6090	140091
949100-6090	333117
949100-6750	142075

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
949105-0100	140767
949105-0110	140768
949105-0130	141086
949105-0160	140767
949105-0200	140767
949140-3440	133717
949140-3540	133040
949140-3680	138433
949140-3700	132892
949140-4620	230147
949140-5670	133717
949150-0921	132549
949150-1050	135851
949192-0900	134273
D8553	330641
DUCATI	
343501	231469
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343510	231469
343511	231469
343512	231469
343513	231469
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343515	231469
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343626	234854
343627	231212
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343644	234855
434350100	231469
434350200	231469
434351000	231469
434351100	231469
434351200	231469
434351300	231469
434351400	231469
434351500	231469
434353000	231902
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434355200	231469
434358200	231469
434359200	231469
434362600	234854
434362700	231212
434364400	234855
DUCELLIER	
8320	130679
8327	130679
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8347	130679
8349	130679
8350	130679
8357	130679
8358	130017
8362	130679
8363	130679
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8366	130632
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8379	130632
8380	130017
8381	130679
8382	130679
21177	UX67-682
23055	131609
23259	130836
23267	130699
23268	130699
68933	140086
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96126	130679
096879	136364
501025	130634
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510002	130679
510003	130675
510004	130679
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511005	130606
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511010	131222
511016	131281
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519002	130675
519003	130632
519004	130017
581004	130633
581015	130633
581016	130633
581020	130633
581025	130634
581064	130633
581068	130943
581071	130634
581078	130634
581090	130633
581113	231350
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581142	131960
581159	UX922
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581223	130943
581247	140088
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581255	131222
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590613	140081
590613	333108
591112	131550
592967	131283
601155	140159
601155	142298
601155	B140159P
601155	B140159Z
602168	140082
606625	130634
611197	130634
611199	130634
611544	130633
611641	UX79-802
611745	130837
611788	130634
612318	130633
612386	UX79-802
612430	UX79-802
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618439	130634
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669303	131692
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690686	131222
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690856	132373
690883	136115
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691097	131222
691112	131550
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691183	131550
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691222	131612
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691406	131550
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EFEL	
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07620	130364
14603	135146
85215	140197
85218	140086
85218	333111
85219	140088
85219	333113
85222	140198
ELMOT	
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3414610	234930
3414620	140444
3431000	133829
3464600	133837
3517500	131145
6850000	131145
9031001	130363
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9039020	130703
9039150	132569
15001880	132323
15301880	132323
3431000F	133829
3431000G	133829
3431001F	133829
3431001G	133829
RC128	130610
RC212B	130613
RC224	130610
RCH12E	130613
FACET	
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FAG	
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565007	140263
806078	140263
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3305B2RSRTVH	140883
60002RSRC3	140271
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60002ZRC3	140076
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6000C2HRS	140271
6000C2HRS	333099
60012RSRC3	140077
60012ZRC3	140078
6001C2HRS	140077
6001C2HRS	333101
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60062RSRC3	140283
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60072ZR	140887
60082RSRC3	140632
60092RSRC3	140633
60092ZR	140889
60102RSEC3	140634
60112RSRC3	140891
6072RS	141057
6072RSC3	141057
6072ZC3	140296
6082RSC3	140222
6082RSC3	333106
6082ZC3	140297
6092RSC3	141058
6092ZC3	141058
6092ZRC3	140298
62002RSRC3	140079
62002RSRC3	333091
62002ZRC3	140080
62002ZRC3	333107
62012HRSC3	140081
62012HRSC3	333108
62012RSRC3	140081
62012RSRC3	333108
62012ZRC3	140082
62022RSRC3	140084
62022RSRC3	333110
62022ZRC3	140086
62022ZRC3	333111
62032RSRC3	140087
62032RSRC3	333112
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62032ZRC3	333113
62042RSRC3	140218
62042RSRC3	333114
62042ZRC3	140159
62052RSRC3	140219
62052RSRC3	333115
62052ZRC3	140089
62062RSRC3	140220
62062ZRC3	140288
62072RSRC3	140275
62072ZRC3	140289
62082RSRC3	140276
62082ZRC3	140290
62092RSRC3	140636
62102RSRC3	140637
62112RSRC3	140638
622022RSRC3	140265
623022RSRC3	140936
623032RSRC3	140266
623042RSR	140442
623052RSR	140879
6252ZC3	140458
6262RSC3	140523
6262ZC3	140299
6272RS	141059
6272RSC3	141059

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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6272ZC3	140300
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6292ZRC3	140301
63002RSRC3	140635
63012RSRC3	140277
63012RSRC3	333116
63022RSRC3	140091
63022RSRC3	333117
63022ZRC3	140092
63022ZRC3	142311
63022ZRC3	333118
63022ZRC3	B140092
63032RSRC3	140093
63032RSRC3	333119
63032ZRC3	140094
63032ZRC3	333120
63042RSRC3	140278
63042ZRC3	140175
63052RSRC3	140279
63052ZRC3	140292
63052ZRC3	333121
63062RSRC3	140280
63062ZRC3	140293
63072RSRC3	140281
63072ZRC3	140294
63082RSRC3	140282
63092RSRC3	140302
63102RSRC3	140303
63112RSRC3	140304
63132RSRC3	140642
64032RSR	140878
6403C3	140394
N306ETVP2	140446
NU202ETVP2	140515
NU204ETVP2C3	140816
NU205ETVP2	140516
NU306ETVP2	141044
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19310-13	131469
19310-20	130702
19310-22	132738
19310-22J	132738
19310-26	131469
19310-27	131469
19310-6	131469
19310-9	131469
19326-1	130364
19465-3	130099
19465-4	130099
24466-16	131694
24466-2	131694
24466-6	131694
24466-7	131694
25169-2	130611
25169-3	130611
25169-4	130611
25169-5	130611
25169-6	130611
25169-7	130611
25945-1	131564
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28466-6	131694
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28860-4	131685
28860-7	131660
28860-8	131684
30157-3	130702
3835-35	140082
3835-35	333109
GRK12-13	130679
GRK12-2	130679
GRK12X-1	130679
GRO12-10	130017
GRO12-12	130017
GRO12-2	130679
GRO12-4	130632
GRO12-7	130017
GRO12X-1	130613
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RFH244	130610
RFH24-4	130610
FIAT	
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4095889	130613
4095898	130613
4111990	131280
4149593	130363
4149595	130186
4149607	130364
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4150782	130365
4150784	130380
4152582	130381
4175054	130364
4178621	131131
4178628	131642
4178745	131642
4185204	130186
4189861	130703
4190088	JX30-312
4190090	JX30-312
4190094	130703
4191122	130613
4201523	130186
4202969	130613
4203841	130380
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4207149	130381
4215534	131642
4227481	130380
4230515	JX30-312
4233274	130186
4235833	130380
4235950	130381
4239595	130380
4239596	130381
4239956	130381
4274790	JX322
4278742	131642
4278882	130380
4278890	130380
4278944	130703
4278945	130381
4293252	132338
4296100	130613
4300244	130186
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4474566	130613
4474966	130651
4475112	130652
4475269	130676
4475269	333253
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8190465	134420
8190466	134796
8190468	134424
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9927730	130597
9927829	130676
9927829	333253
9934595	130650
9934596	131703
9934597	130097
9934791	130676
9934791	333253
9934949	131647
9934950	131641
9934951	134356
9934954	132245
9934957	131229
9934958	130650
9935112	130704
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9939826	131283
9939958	134421
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9939969	131648
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9940008	134421
9940149	134415
9940291	131953
9940293	131505
9940294	134419
9940295	134424
9940297	131954
9940298	134420
9940360	131952
9940468	132315
9940859	134422
9941193	131283
9946618	138797
9948225	230313
9948225	332297
9949580	230306
9949627	230523
9949627	332321
9950586	138797
9957715	130704
9959694	130653
9960132	131977
9983355	130653
9983359	130704
9983364	130650
9983719	134357
9986111	131282
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55186280	332311
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77363948	330287
77363954	333083
77364616	333069
79070381	131505
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FORD US ↪ FORD	
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16420271	233702
05AZ10A310B	233113
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1S4Q10C382AD	333451
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378466S100	230421
389217S2	233409
391042S36B	132346
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5M5Q10D310AA	333451
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6R341	234164
6R341A	234164
71BB10316AA	130676
71BB10316AA	333253
72VG10316AA	130675
74BB10316AA	130675
74GB10316AA	130676
74GB10316AA	333253
77BB10316AA	130849
77FB10316AB	130611
77FB10316AA	130611
81DB10316AA	130676
81DB10316AA	333253
82BB10316AA	130676
82BB10316AA	333253
86AB10A398BA	235213
86GB10316AA	132980
8N10505C	235616
98FF10C382BC	333428
98FF10C382BF	333428
98FF10C382BG	333428
98FF10C382BH	333428
BG320	136216
C2SZ10316B	130506
C3SF10316B	130506
C3SZ10316A	130506
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C3SZ10328A	133921
C3TF10316B	130506
C3TZ10316A	234164
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C3TZ10316AA	234164
C3XF10316C	130506
C4SZ10316A	130506
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C4TZ10316A	234164
C4UF10316A	130506
C4UF10316B	130506
C5AF10316A	130506
C5AZ10304A	130517
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C5AZ10A304A	140771
C5AZ10A344B	233315
C5TF10316A	130506
C5TF10316C	130506
C5TF10A352J2	232083
C5TZ10316A	130506
C5TZ10344J	232083
C6VF11135A	140242
C6VY10347A	FX422
C6VY11135A	140242
C7T210344B	232142
C7TF10A352B	232142
C7TZ10A355A	232763
C8AF10316A	130506
C8TF10316A	130506
C9AF10A352B	230535
C9ZZ10094A	140087
C9ZZ10094A	333112
D0AF10316A	130506
D0AZ10A310B	233113
D0DU10A349AC	232376
D1RY10316C	130675
D20F10320AA	131428
D20F10367AA	140191
D20F10A367BB	140191
D20Z10344A	133948
D20Z10347B	131428
D20Z10A304A	140120
D20Z10A344A	133948
D20Z10A344B	133948
D27Z10316A	130615
D2AF10316AA	130506
D2DF10316AA	130506
D3AF10316AA	130506
D3JL10130D1	232119
D3TF10316AA	130506
D3TZ10316A	234164
D3TZ10316AA	234164
D3VY10304A	131430
D4AF10316AA	130506
D4HF10316AA	130506
D4HZ10344A	232109

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O.E. No.	HC-CARGO
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D4TZ10316A	130506
D5RY10316A	130675
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D6AZ10304A	131421
D6AZ11135A	140242
D8BF10316AB	130506
D8BF10316AA	130506
D8BZ10316A	130506
D8VF10316AA	130506
D8VZ10316A	130506
D9BF10316AB	130506
D9PF10316AB	130506
D9PF10316AA	130506
D9PZ10316A	130506
D9VF10316AB	130506
D9VY10304A	131421
D9ZZ10A310A	233113
E27Z10316A	130835
E2AF10316AA	130506
E2FT10316AA	130506
E2PF10316AA	130506
E2PZ10316A	130506
E2PZ10316AA	130506
E2TF10316AA	130506
E3TF10A352AA	232121
E43210336C	131868
E43F10316A	131907
E43Z10304A	137048
E43Z10316A	131907
E43Z10320A	131917
E4AF10316AA	130506
E4AZ10316B	130506
E4DZ10336A	131868
E4FZ11135A	140242
E4TF10316AA	130506
E53F10368BA	131868
E53Z10336A	131868
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E5RD10316AA	333253
E5RY10316A	130676
E5RY10316A	333253
E5SZ10A310A	233113
E63F10316AB	131907
E69X10336B	131868
E6DF10316AA	234165
E6DZ10304	137048
E6DZ10304A	137048
E6DZ10336A	131868
E6DZ10336C	131868
E6DZ10336D	131868
E6HZ10347A	141173
E6SZ10A310A	233113
E6TZ10316A	131907
E6YZ10316A	131907
E73F10316AB	131907
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E73Z10316A	131907
E7AZ10328A	133922
E7GZ10304A	132039
E7RY10316A	130676
E7RY10316A	333253
E87F10A352AA	230535
E8FZ10A310A	233113
E8GY10304A	132469
E8GY10304B	132469
E8PZ10301B	134297
E8PZ10301P	134297
E8PZ10304A	233511
E8PZ10340A	233511
E8TZ10344A	230535
E90F11448BA	140620
E92Z10304A	132469
E98Z10304A	132040
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E9DF10316AA	136230
E9DZ10304A	131430
E9JY10316A	136554
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E9PZ10304B	137486
E9PZ10316AA	135030
E9TF10A352AA	232121
E9TZ10344A	232121
E9YJ10304A	136556
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F07U10A352A2A	231332
F07Z10344A	231332
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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

INA *Continued*

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O.E.M. names and numbers are used for reference purposes only.

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16.906.845	231397
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16.908.850	231044
16.908.866	236702
16.908.964	234937
16.915.238	234937
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AER1811	231045
AER3001	130610
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5-81215023-0	140343
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JHTX-29	140818
JHTX-6	140344
JMTX-14	140350
JMTX-19	140392
JMTX-20	140351
JMTX-22	140352
JMTX-32	140353
JMTX-33	140354
JMTX-35	140437
JMTX-38	140437
JMTX-41	140576
JMTX-42	140577
JNDX-11	140365
JNDX-27	140366
JNDX-29	140367
JNDX-30	140368
JNDX-32	140369
JNDX-33	140370
JNDX-34	140371
JNDX-34	B140371
JNDX-37	140371
JNDX-37	B140371
JNDX-38	140369
JNDX-8	140372
JSDX-4	140819
JAAX10	140367
JAAX12	140344
JAAX16	140350
JAAX19	140744
JAAX20	140342
JAAX24	140352
JAAX25	140351
JAAX28	140368
JAAX31	140354
JAAX32	140380
JAAX33	140369
JAAX34	140577
JAAX35	140371
JAAX35	B140371
JAAX36	140576
JAAX36-ST	140817
JAAX37	140575
JAAX38	140370
JAAX39	140818

O.E.M. names and numbers are used for reference purposes only.

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RVH-03	133277
RVH-04	133279
RVM-11	133280
RVM-17	133280
RVM-18	133585
RVN-01	133813
RVN-05	133282
RVN-06	133283
JOHN DEERE	
AL158161	235718
AL161112	235718
AL166836	235718
AM101406	234408
AM102596	138895
AM106357	230151
AM126304	234414
AM33845	230150
AM34738	230151
AM37200	230150
AR88018	131467
M131287	234251
M70121	234418
M802471	234413
M97348	234412
R52159	232080
R81507	232083
KAWASAKI	
21066-2056	234418
21066-2070	234407
21066-2071	234250
KBC	
60002Z/C3	142301
60012RS1/C3	142278
60012Z/C3	142305
6002RS1/C3	142282
60032RS1/C3	142268
60032Z/C3	142286
60042RS1/C3	142285
6004ZZ/C3	B140286P
60052RS1/C3	142273
60062RS1/C3	142281
60072RS/C3	142289
60072RS1/C3	142289
6007DD/C3	142289
60082RS/C3	B140632P
6008DD/C3	B140632P
6008ZZ/C3	B140888P
60092RS/C3	B140633P
6009DD/C3	B140633P
60102RS/C3	140634
6010DD/C3	140634
60112RS1/C3	B140891P
62002RS1/C3	142280
62002Z/C3	142296
62002Z/C3	B140080P
62012Z/C3	142292
62012Z/C3	B140082P
62022Z/C3	142299
62022Z/C3	B140086P
62032RS1/C3	142269
62032Z/C3	142303
62042RS1/C3	142288
62042Z/C3	142298
62042Z/C3	B140159P
62052RS1/C3	142274
62062RS1/C3	142291
62072RS1/C3	142304
62072Z/C3	B140289P
62102RS/C3	B140637P
6210DD/C3	B140637P
62122RS1/C3	B140291P
63002RS/C3	B140635P
6300DD/C3	B140635P
63012RS1/C3	142290
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63032Z/C3	142307
63042RS1/C3	142275
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6306/C3	142297
63062RS1/C3	142283
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37322-2A110	330063
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37350-22600	234651
37350-32120	135952
37350-33010	133963
37350-47300	234618
37367-02550	237155
37367-22600	234653
37367-83000	132462
37367-83100	132462
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37370-22200	138204
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37370-24510	234286
37370-27011	235522
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37380-42000	139763
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RS1104	234409
RS5101	234411
RS5102	234413
RS5104	234413
RS5107	234410
RS5121	234303
RS5155	234411
RS5160	234412
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15253-64021	138677
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15321-64851	138772
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15531-64603	234411
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15881-64041	137970
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15881-64851	134306
15881-64901	231607
16231-64851	137873
16241-64061	139227
16241-64231	231248
16241-64901	231768
31580-65010	138677
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66611-55250	234409
67211-55230	234409
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2108-3701200	133189
2108-3701314	133397
2108-3701315	133397
BB01-105	235171
LEECE-NEVILLE	
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26853	140087
26853	333112
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28892	140220
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29656	140219
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32054	140882
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36015	140883
36686	140882
57166	140278
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59234	232770
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71128	141177
71180	137228
71181	137229
71189	133920
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73547	233260
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76262	140279
76699	131176
77650	140881
77916	233276
78625	140241
78752	137228
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79021	233228
79027	233228
79035	233219
79192	233222
79350	137227
96545	233264
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96852	233696
97078	230589
97086	233270
97893	141178
98624	140883
100650	230591
101414	140772
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920007	333427
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920019	333687
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920501	333688
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920583	333450
920606	333451
920629	237280
920685	332486
920693	333083
920717	333430
920720	235794
920726	333062
920731	239914
920752	333689
920789	333453
920796	235800
920801	235865
920802	333454
920803	333078
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920821	333431
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920835	333432
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920892	333438
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LUCAS	
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37534	130637
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37542	130883
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37563	130883
37565	130637
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37573	130883
37574	130884
37579	130642
37581	130637
37582	130639
37584	130642
37587	130637
37590	130639
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37596	130639
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37613	130642
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37623	132105
37624	131145
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37628	130642
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37652	130642
37654	130642
37658	132105
37659	131145

O.E.M. names and numbers are used for reference purposes only.

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37687	132106
37701	131277
37702	132106
37703	131277
37735	133789
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83166	130643
83178	130644
83192	130644
83295	130645
83334	130643
83422	130646
83442	130646
83452	130647
83520	130643
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83563	134845
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83567	134846
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83576	131293
83577	131292
83623	134846
83633	130646
83634	130647
83642	134845
83643	231485
83645	134846
83646	134845
83670	131303
83757	131303
83763	133429
83784	131303
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83844	130643
83962	130644
84113	133431
84124	130645
84125	130644
84201	131304
84422	131304
84443	130643
84454	131304
84455	131304
84456	132718
84457	131304
84459	130645
84460	130644
84468	132720
84469	132721
84486	132718
84499	131304
84572	136666
84574	138808
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84767	134846
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21222119	130653
21222123	131286
21222127	131283
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21222130	131282
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54201095	130857
54201097	130857
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54202067	136128
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54203116	133971
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54203643	130857
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54205169	135183
54205170	135183
54205171	135184
54205305	133192
54205306	133694
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54205626	133192
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54207164	139465
54207256	134955
54207267	140120
54207284	134036
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54208079	137794
54208090	137188
54208098	137188
54208202	134075
54208234	134037
54208486	135597
54208568	135543
54208671	136982
54208681	138803
54209276	139651
54209305	138797
54209322	137335
54209331	234751
54209332	234852
54209735	136457
54209807	134667
54214805	232148
54215076	LAX302
54217372	131342
54217652	131028
54218277	235148
54218284	231066
54218360	133829
54218657	130858
54218706	LAX312
54219097	136128
54219275	130859
54219322	130895
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54219416	130857
54219540	130895
54219542	130857
54219553	141219
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54960402	132804
55561801	233634
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60600779	140444
60600780	140161
60600786	140444
60600864	136264
60600967	140444
60600983	132804
60601038	132319
60601039	135399
60601042	134811
61200564	135941
61202001	136612
61202201	234618
61202202	234619
61202205	234494
61202417	234495
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66201016	333117
66201017	140272
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66201021	131027
66201023	136240
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66201370	333108
66201400	131027
66201555	131277
66201570	131304
66201595	135231
66202002	136264
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000084885010	131304
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054205171010	135184
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054206164010	133694
054206343010	134667
054206484010	131630
054206485010	131630
054206489010	131630
054206506010	134037
054206516010	134036
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054206538010	139465
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054207042010	139321
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054207302010	134037
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O.E. No.	HC-CARGO
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ALTERNATORS PARTS

O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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5350191000	235800
5350193000	235801

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28001	131277
28002	135231
28006	133789
28019	139215
28500	136324
28502	132721
28506	136324
84454	131304
138441	138441
235557	235557
331850	331850
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8362516	235719
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9951162	230313
9951162	332297
21223062	131564
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58120022	131283
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63622001	136675
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63623601	138790
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63623701	138800
63623801	138376
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63624103	233534
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63624401	235365
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63625002	231025
63625003	231026
63625801	138377
63626002	233792
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64808011	333253
64808012	130676

MAGNETI MARELLI *Continued*

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64808130	130651
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64808140	130652
64808141	130653
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64808182	133956
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64808243	133956
64826011	130650
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72367102	130964
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72367802	130964
72390002	130964
72390102	130964
72397002	130964
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74876141	130186
74876301	131647
74876311	131647
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74876501	134356
74876641	130704
74877090	134538
74877100	132569
74877141	132245
74877241	134352
74877271	134426
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74877531	131641
74877551	131703
74877571	131229
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74878421	131229
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74879261	134357
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74880571	132630
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74965321	130363
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74984951	130650
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74988171	134904
74988801	131944
74989441	131944
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74990341	130364
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74992481	132338
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74995571	130186
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74995801	130597
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74999461	130703
74999671	131131
74999681	131131
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74999891	130703
74999971	131131
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79707161	131283
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79707481	131283
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83600721	134415
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83601641	131954
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83601901	131953
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83603151	138795
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83603191	132315
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83606391	134420
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83608541	138456
83608581	230677
83608621	134421
83608881	131954
83609170	230812
83609171	230812
83609731	139622
83609860	139135
83610091	232462
83610231	136458
83610601	136674
83611361	136432
83611391	138506
83611721	132315
83612191	232175
83612471	138454
83612670	138356
83612690	138891
83613151	138891
83613421	138457
83613651	138508
83613781	231038
83614191	233769
83614251	138797
83614611	234282
83614631	233500
83614650	231385
83614691	232463
83614890	231812
83614900	139100
83614910	139865
83615091	136674
83615541	230948
83615571	233500
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83615891	138473
83615921	138798
83615991	138951
83616141	234429
83616551	231010
83616611	231992
83616691	231324
83616701	231324
83616771	232175
83616891	235491
83617031	230537
83617041	139622
83617171	138789
83617181	138789
83617460	231798
83617721	133201
83617741	135564
83617801	139956
83617801	333666
83617811	231038
83617931	138356
83618381	138356
83618491	231905
83619031	231991
83619751	138356
83619941	131648
83620581	231038
83620861	235365
83621091	231550
83621351	138650
83621661	234639
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83623631	138951
83623841	231326
83624641	131977
83624941	234898
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83625261	131952
83627781	230790
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85560701	133201
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85561081	139219
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85561121	137335
85561151	234625
85561161	232337
85561211	139412
85561291	136432
85561301	231301
85561311	137335
85561321	137335
85561361	232336
85561391	137335
85561401	137335
85561411	136674
85561421	136674
85561441	138463
85561521	234633
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85561551	232340
85561801	233634
85561871	139109
85561881	138786
85561911	139314
85561921	138789
85561941	137335
85562061	235421
85562071	136674
85562091	139316
85562131	136674
85562201	230142
85562202	233635
85562208	136674
85562258	139863
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85562661	230949
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85562711	230949
85562721	138891
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85562741	234627
85562751	230313
85562751	332297
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O.E.M. names and numbers are used for reference purposes only.

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748774701	130650
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940038097	234557
940038173	235829
940038214	135605
5812002200	131283
08556351010	136432
08558260110	230790
085562881010	236579
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085563051010	136432
940016012300	230790
28018A	136457
L9115L5	233636
PRD4A	130650
RC1/12B	130613
RC2/12B	130613
RC2/1LD	130679
RC2/24	131282
RC2/24B	131282
RC212	130613
RC212D	130613
RC212E	130613
RDD033	136423
RDD15	131505
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RDD16C	131505
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RDD33	138376
RDD35	139214
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RDD36B	138792
RDD37	138800
RDD42	138377
RDD42A	138377
RDD42B	138801
RDD44	235365
RDD65	139214
RDD75	139214
RT110ABT	130676
RT110ABT	333253
RT116B	130613
RTE100A	235421
RTE119AC	138795
RTM121A	136432
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RTM151A	136432
RTM151B	136432
RTM151C	136432
RTM152A	136432
RTM152B	233635
RTM153B	138789
RTM154A	138789
RTM159B	233634
RTM200.01	236579
RTM200.03	233636
RTM200.05	138789
RTM200.09	233636
RTM24TR	138797
RTM300.01	238265
RTM300.02	235421
RTM300.07	230800
RTT110A	130676
RTT110A	333253
RTT110AB	130676
RTT110AB	333253
RTT110ABT	130676
RTT110ABT	333253
RTT110C	130610
RTT110CI	131282
RTT110J	130610
RTT113A	130651
RTT113B	131282
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RTT114B	130653
RTT118C	133956
RTT118E	133956
RTT118J	133956
RTT118L	133956
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RTT119AC	131283
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0131747	142330
0131747	142342
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0133721	136083
0133791	133415
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0134291	133417
0134541	133417
0134731	137357
0134761	137355
0134990	230085
0135000	230084
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0135141	136091
0135211	136093
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0135240	134977
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0135891	231724
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0136131	133417
0136260	234444
0136261	234444
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0137110	234600
0137121	234696
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0137581	234443
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0137890	234601
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0138601	332317
0138620	230309
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0138801	234596
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0140870	234444
0140871	234444
0140880	231721
0140881	231721
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0141551	133418
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0143431	234912
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0143691	233741
0143701	233731
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5233450	133875
5233451	133875
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6955170	231723
6955171	231723
6955921	234697
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324136031	140078
324137037	140297
324137038	140297
324162016	140081
324162016	333108
324162047	140081
324162047	333108
324165005	140078
324165006	140284
324165007	140284
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324592005	140078
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443930133011	136093
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443930133700	133418
443930133701	133418
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443930135231	136083
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443930135971	231725
443930136051	231722
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443930136110	133417
443930136131	133417
443930233450	133875
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443936954970	136092
443936954971	136092
443936955170	231723
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PLX102	PLX102
MANDO MALROE ↪ VALEO	
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0208-24-522	140350
0208-24-552	140350
0259-18-391	130615
0259-18-391A	130615
0259-18-391B	130615
0290-24-556	140350
0326-24-556	140351
0453-18-391	130616
0599-24-412	133280
0636-24-414	132664
0707-24-556	140351
0709-24-556	140392
0866-24-541	140351
1011-24-541	136112
1304-24-542	140365
1456-24-411A	139964
1456-24-412	133277
2994-24-352	140350
2994-24-552	140350
4130-24-510A	131227
4130-24-510B	131547
4130-24-560	131227
8173-24-510	130833
8173-24-510A	131544
8173-24-520	130835
8173-24-521	135264
8173-24-522	140353
8242-18-391	130615
8574-24-520	130835
8599-24-412	133280
8599-24-521	135263
8599-24-522	140354
B307-18-W70	135233
B336-18-W17	134026
B366-18-W25	138627
B366-18-W50	134028
B366-18-W60	136978
B366-18-W60A	136977
B366-18-W60B	136978
B367-18-W77	140817
B3C7-18-W10	136941
B3C7-18-W45	132933
B3C7-18-W51	139545
B3C7-18-W60	139195
B3C7-18-W70	135233
B3C7-18-W77	140817
B603-18-W60	136981
B612-18-W35A	231002
B61P-18-W60	134027
B64J-18-W60	134027
B64J-18-W70	135233
B64J-18-W70A	135233
B665-18-W60	136978
B66S-18-W25	230458
B66S-18-W35	138403
B66S-18-W45	135952
B66S-18-W51	138394
B66S-18-W60	136978
B675-18-70A	132101
B675-18-W25	136444
B675-18-W35B	231002
B675-18-W60	132469
BPD3-18-W80	139189
D401-24-510	132087
D401-24-510B	131538
E27Z-10-316	130835
E301-24-510A	131227
E356-18-W10	134712
E356-18-W70	131524
E356-24-510	131542
E358-18-W70	131524
E563-24-510	131542
E563-24-550	136178
E5D3-18-W60A	132040
F210-18-X01	140738
F225-18-X556	133401
F225-18-X56	133401
F285-18-W25A	136576
F285-18-W35A	138403
F285-18-W51A	138046
F285-18-W60	135041
F285-18-W70	134088
F285-18-W70A	134088
F2J4-18-W45	137437
F601-24-530	132833
F811-18-W60	132040
F81E-18-W70	136649
F825-18-W60	135041
F8B1-18-50A	138910
F8B1-18-W11	133690
F8B1-18-W25	138911
F8B1-18-W50	138910
F8B1-18-W60	132469
FE01-24-510A	131545
FE01-24-550	136368

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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FE05-24-510	131547
FE05-24-520	130835
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FE24-18-W77	140576
FE2H-18-W83	138912
FE41-24-550	136368
FE65-24-510	132039
FE65-24-520	131524
FE79-18-W60	132040
FE79-24-520	131524
FE85-18-W70	132041
FP13-18-X87	139205
FS05-18-W25	138870
FS05-18-W35A	138403
FS05-18-W60	135948
FS05-18-W80	136421
G608-18-W25A	139544
G608-18-W45	132933
GE01-24-590	231316
GY02-11-W11A	234867
GY02-18-300A	234867
GY02-18-330	230308
GY02-18-330A	234867
GY02-18-E37Z	234867
GY02-18-W37Z	234867
HE21-24-540	137415
HE41-24-510	131545
JE15-18-W25	136576
JE15-18-W45	135952
JE15-18-W60	135041
JE15-18-W70A	135032
JE48-18-W60	135901
JE48-18-W60B	135901
JE48-18-W70	135233
JE48-19-W60B	135901
K801-16-W60	135882
K801-18-W11	230308
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K801-18-W35	137851
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K801-18-W60	135882
K801-18-W80	135371
LF18-18-330	235424
LW18-18-W11	235424
N221-24-510	131221
N221-24-520	130835
N350-18-W60	136977
N390-18-W35A	137851
N3A1-18-W45	139186
N3A1-18-W60	135882
PN11-18-WB5	135132
PN22-18-W83	138194
PN40-18-W25	230767
PN40-18-W70	136952
R201-24-540	135141
R201-24-540A	135141
R201-24-540B	135141
R201-24-715	140514
R213-24-540	138157
R213-24-540A	138158
R213-24-585B	139577
R231-18-W35	138400
RF01-24-420	135130
RF01-24-520	131287
RF01-24-521	132432
RF01-24-550	136138
RF11-18-W90	231499
RF11-18-WC0	136687
RF11-24-420A	135133
RF1G-18-W25	230768
RF5C-18-330	238068
RF5C-18-330	332313
RF71-18-W70	136549
RF71-18-W80	136551
RF71-18-WC1	133962
RFB3-18-W51	230484
RFB3-18-WC0A	139053
RFG1-18-W35	231076
RFG1-18-W51	230769
RFJ5-18-W11	230504
RGF1-18-W60	136552
RGF1-18-W70	137075
RGF1-18-W80	136550
S208-24-510	131287
S210-24-411	136686
S210-24-412	133585
S210-24-511	231500
S210-24-523	140417
S215-24-510	132463
SE21-24-430	137046
SE21-24-520	131290
T601-24-530	132833
TF20-18-W60	234647
WL11-18-W10	230792
WL11-18-W25	230748
WL11-18-W51	230749
Z599-18-W60	138873
MERCEDES BENZ	
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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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RB-137H	135448
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RB-166H	236821
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RP-24	138596
RP-36	331003
RP-37	139472
RP-40H	235518
RP-41	236305
RV-H001	138190
RV-H002	333602
RV-H030	333603
TB-ND097	234727
TB-ND098	235673
TB-ND160	234501
VR-B026	330331
VR-B198	130960
VR-B199-3A	233774
VR-B242	236717
VR-B266	235273
VR-B266	333267
VR-B270	234770
VR-B270	333271
VR-B296	235835
VR-B363	139044
VR-B363	333255
VR-B369	237267
VR-D635	130505
VR-D716	333021
VR-D717	235844
VR-D718	134750
VR-DU509	130017
VR-DU510	130679
VR-DU511	131222
VR-DU512	131550
VR-DU513	133132
VR-F151A	136432
VR-F155	235421
VR-F159	239983
VR-F900	230065
VR-F911	239306
VR-H2000-43	234314
VR-H2000-44	234314
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VR-H2000-72	333445
VR-H2005-102B	233493
VR-H2005-104	333030
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VR-H2005-12	131527
VR-H2005-146	235837
VR-H2005-148	333033
VR-H2005-149	333032
VR-H2005-159	330854
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VR-H2005-18A	135731
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VR-H2005-77	234731
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VR-H2005-92	235887
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VR-H2009-173	333685
VR-H2009-64	138632
VR-H2009-69	235884
VR-H2009-73	333056
VR-H2009-77B	333354
VR-H2009-90	235279
VR-H2009-96B	333024
VR-K01	139469
VR-MD08	235206
VR-PR2293	238421
VR-PR2299H	232962
VR-PR2700	134015
VR-PR3534	234115
VR-PR3729A	235829
VR-PR5023	236224
VR-V3419	233633
VR-V3419	333347
VR-V5001	235845
VR-V6131	237153
VR-VN001	235601
MOTOROLA	
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494477	131698
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2523321	132938
101-103	131892
101-113	131892
105-144	233253
105-267	131175
105-368	233640
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O.E.M. names and numbers are used for reference purposes only.

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505-019	130974
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505-028	130849
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505-030	130849
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505-032	130974
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505-043	130675
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505-047	130632
505-048	130679
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505-053	130613
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505-058	130677
505-059	130592
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505-103	131066
505-105	131224
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507-058	232351
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512-082	137525
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9RH8092	130677
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103-15	130543
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103-46	133070
103-49	234585
103-55	133385
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105-105	131166
105-108	131851
105-134	233253
105-151	131909
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105-153	131911
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105-181	131912
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105-197	131910
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105-210	131166
105-214	135305
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105-230	131175
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105-233	131166
105-240	135305
105-242	131851
105-245	138593
105-246	131180
105-247	135307
105-249	131178
105-250	233373
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105-265	133383
105-266	133384
105-276	135855
105-280	138765
105-286	135305
105-29	131909
105-291	131178
105-292	235353
105-335	139459
105-340	233640
105-351	131181
105-352	131181
105-396	131181

O.E.M. names and numbers are used for reference purposes only.

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105-701	233253
105-88	131912
105-89	131912
105-92	131911
107-20	134317
107-37	232160
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107-87	133406
107-97	134317
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111-24	140087
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111-34	140279
111-40	140219
111-40	333115
111-46	133065
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111-50	133065
111-54	133065
111-6	140279
111-73	140490
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111-76	133065
111-77	133066
111-78	140093
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113-81	133063
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114-55	232410
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1-170	233241
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120-292	132346
130-49	234585
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511-009	140088
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5-134	233253
5-706	233253
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8RC2008A	133383
8RC2009A	133384
8RC2010A	131175
8RC2013	135855
8RC2060A	135855
8RD2035	131166
8RF2011A	131909
8RF2012	131851
8RF2012A	131851
8RF2014C	131911
8RF2020A	131909
8RF2021A	131851
8RG2001	131912
8RG2006	131912
8RG2009A	233373
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8RG2015	135305
8RG2018	135305
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8RG2027	135305
8RG2029A	235353
8RG2031	138593
8RG2035A	233373
8RG2043	138765
8RG2060A	139459
8RG2083	138765
8RG2112B	235353
8RG3029	135307
8RG3030	131178
8RG3032	131178
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8RH2006	131175
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8RH2023	131175
8RH2025	131166
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8RH2032	131175
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8RH2038	131166
8RL021	131181
8RL2105	233640
8RL3007	131181
8RL3011	131180
8RL3021	131181
8RL3022	131181
8RL3024	131181
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R30N2	131909
R3-1	131909
R3-3	131909
R3JD18A	131911
R3JD1B	131911
R3WC1	131909
R3WE1	131909
R7-1	131910

NIKKO

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0-33719-0080	139331
0-33719-0090	230160
0-33730-1600	132490
0-33730-1800	132491
0-33730-2190	135681
0-33730-2300	132511
0-33730-2560	135680
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0-35730-0080	135682
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0-37519-0151	234999
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0-41000-2390	131537
0-41000-2640	131537
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1-0444-62007	333108
1-0446-62017	140081
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1-0446-62037	140087
1-0446-62037	333112
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1-04466-3037	333119
1-0446-63037	140093
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1-0446-63057	140279
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1-0452-62017	333108
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1-0452-62027	140084
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1-0452-63027	140091
1-0452-63027	142276
1-0452-63027	333117
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1-0452-63027	B140091Z
1-0452-63037	140093
1-0452-63037	333119
1-0452-63057	140279
1-0453-62007	140079
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1-0454-60037	333104
1-0454-60047	140286
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1-0456-60047	333105
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1-0456-63057	140279
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1-33720-0691	132504
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1-33740-0380	140607
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1-44000-0731	132092
1-44000-0900	133696
1-44000-0901	133696
1-44000-0902	133696
1-44000-0903	133696
1-44000-0905	133696
1-44000-0906	133696
1-44000-0920	133696
7-33100-0120	132509
7-33100-0121	132509
7-33130-0230	135536
7-44000-0900	135321
7-44000-0901	135296
7-44000-0907	135322

NIPPONDENSO ↪ DENSO

NISSAN

O.E. No.	HC-CARGO
14650-0E402	231974
14650-22J10	232232
14650-57J00	231974
14651-0E402	136904
14651-54A01	136904
14651-59E10	136687
14651-V1900	139964
14651-W2500	134394
14652-05E16	133585
14652-61503	133277
14652-76200	133280
14652-W2500	133279
14658-36W00	132297
14658-44G00	132661
14675-60L00	135129
14675-R8800	135130

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
NISSAN *Continued*	
14675-V7200	135131
14680-G5500	135453
14688-W2500	134490
23100-02N06	135141
23100-10G00	135505
23100-57A00	135503
23100-R8103	135144
23100-V7200	135504
23102-01B15	135283
23102-05E16	133758
23102-05P01	132442
23102-07201	134515
23102-0M800	231618
23102-0P00	135269
23102-0P600	135269
23102-12G01	139978
23102-1P000	138738
23102-25V00	231356
23102-25V10	135270
23102-29W00	132442
23102-30P10	139186
23102-31U01	138716
23102-36N10	135952
23102-50K15	136333
23102-50Y06	136683
23102-58500	134817
23102-58S00	134817
23102-61U00	230130
23102-64J00	137421
23102-65F00	230864
23102-77A00	133917
23102-86L10	234105
23102-86R00	230481
23102-F2500	134515
23102-F6100	138147
23102-V0101	133761
23102-V7201	134515
23108-02N06	135141
23108-02N08	137823
23108-02N16	135141
23108-02N17	137823
23108-05E06	137823
23108-06S00	230129
23108-09W01	136984
23108-0M000	138725
23108-0P610	230045
23108-10G00	135505
23108-10T07	137749
23108-16E05	138690
23108-18A00	135142
23108-18A01	135142
23108-18G00	137436
23108-1P000	138746
23108-29W01	135506
23108-2N16	138737
23108-31U00	138715
23108-43G06	135505
23108-43G07	137065
23108-43G08	232233
23108-43G09	230888
23108-4M500	235368
23108-50Y05	138725
23108-51S00	230892
23108-54A00	135503
23108-57J00	135503
23108-57J02	135503
23108-58S00	230892
23108-64J00	235368
23108-65F00	235368
23108-77A00	230869
23108-77A01	230869
23108-C8604	132435
23108-D0200	230129
23108-G5701	135502
23108-H3G06	135505
23108-H6210	230163
23108-IP005	231986
23108-R8102	137460
23108-R8103	135144
23108-V0100	230887
23108-V0810	137415
23108-V7200	135504
23108-W1706	230128
23108-W1805	230127
23118-05E16	137081
23118-0M000	138734
23118-0M010	230030
23118-21G00	136450
23118-22J10	137785
23118-3M200	234747
23118-47N10	230002
23118-50Y05	137782
23118-57J01	231443
23118-64J10	136560
23118-64J15	139192
23118-77A00	136235
23118-7T400	231440
23118-D4415	230873
23118-F6100	137298
23118-N9501	136450
23118-V0101	136451
23118-W1700	136138
23118-W1705	137122
23118-W5811	136393
23118-W5812	136393
23118-W5817	230644
23118-W9800	137122
23120-14801	140081
23120-14801	333108
23120-19V01	140081
23120-19V01	333108
23120-21000	140081
23120-21000	333108
23120-57300	140434
23120-57300	B140434
23120-58500	140093
23120-58500	333119
23120-58S01	140235
23120-61502	140093
23120-61502	333119
23120-65004	140093
23120-65004	333119
23120-B9801	140084
23120-B9801	333110
23120-P4500	140091
23120-P4500	333117
23124-08E16	132467
23124-17B10	133756
23124-2J011	230046
23124-35F10	135260
23124-42L71	133539
23124-45F10	135260
23124-53A10	133263
23124-58L10	132792
23124-5C010	139197
23124-77A10	134295
23124-B9810	132087
23124-OE711	139195
23124-OE712	139195
23124-Q4610	131227
23124-U0114	132087
23124-V5511	132040
23124-W5811	131543
23124-W7110	130833
23125-04P10	131523
23125-58S10	132936
23125-77A10	134088
23126-05E06	140432
23129-05E06	140432
23129-16A00	140432
23129-61501	140432
23129-T9000	141062
23129-V6600	140432
23131-02W00	231355
23131-59E00	137940
23131-W1700	231306
23133-04P01	132992
23133-08515	132102
23133-08E15	132102
23133-0C400	138741
23133-0M800	138719
23133-31U00	138717
23133-51H00	231613
23133-58S00	132991
23133-58S01	132991
23133-64J00	138614
23133-65F00	138719
23133-77A00	133529
23133-85L00	135347
23133-99006	136490
23133-D0200	130832
23133-F6100	132993
23133-P4510	135814
23133-Q4601	130832
23133-Q9000	131277
23133-U0114	135814
23133-W1601	130832
23133-W1606	130832
23133-W7101	130832
23134-61051	140343
23134-61500	140342
23134-61501	140343
23134-61S01	140343
23134-Z9000	140380
23134-Z9002	140380
23135-01B00	140342
23135-0C400	235000
23135-0P600	135348
23135-14610	140350
23135-14800	140344
23135-15500	140354
23135-21010	140350
23135-59E10	140576
23135-61500	140342
23135-61501	140343
23135-66610	140342
23135-73500	140344
23135-76200	140350
23135-99000	140342
23135-99001	140342
23135-99006	140819
23135-99009	140821
23135-99010	140380
23135-99013	140821
23135-A5510	140351
23135-B9801	132039
23135-H0110	140350
23135-H0300	140342
23135-J5500	140354
23135-P4510	140352
23135-V0101	135067
23135-V6600	132426
23135-W1700	133327
23135-W1710	140354
23135-W7110	140353
23135-Z9000	140380
23137-V7201	133499
23138-04D00	135264
23138-A5510	135264
23138-W1710	135263
23142-04P01	140744
23142-06800	140342
23142-0P610	140817
23142-19V01	140575
23142-1P000	140575
23142-20W00	140342
23142-50405	140342
23142-50Y05	140575
23142-58S00	140818
23142-60U00	140575
23142-64J00	140575
23142-V6600	140380
23142-W1700	140380
23150-02N09	136157
23150-04P01	134711
23150-0E712	234897
23150-12G01	137941
23150-14P00	134711
23150-16A00	136156
23150-16V01	133343
23150-17B12	133868
23150-22J10	137433
23150-2J600	230955
23150-2W200	230521
23150-2W200	332299
23150-2W20A	230521
23150-2W20A	332299
23150-40U00	138720
23150-43G07	136159
23150-47N10	230037
23150-50Y05	139666
23150-52F00	136959
23150-53A00	133343
23150-54A01	136149
23150-57J00	136117
23150-64J16	139191
23150-6T000	231114
23150-70T02	136959
23150-D4400	133348
23150-D4410	133348
23150-G5701	139243
23150-V7311	135595
23150-W1705	135272
23150-W1707	136117
23150-W1805	136960
23151-6N200	233989
23151-6N200	333604
23151-EL010	333065
23153-70T12	231671
23156-1P110	138629
23156-64J00	135346
23156-D4415	137842
23156-OM810	139190
23156-U0114	231316
23163-86N00	138742
23163-V4360	135345
23183-09W00	137124
23183-43G90	137840
23183-G3601	137124
23215-05E16	132476
23215-0C001	135021
23215-0C400	138740
23215-0L701	231534
23215-0M011	230043
23215-0M800	138727
23215-0M801	138727
23215-0P611	137182
23215-0V00	231533
23215-0V000	231533
23215-0V001	234314
23215-0W403	234314
23215-17B10	132102
23215-1P000	234274
23215-2J602	231533
23215-2Y001	231534
23215-2Y005	231534
23215-31U02	138717
23215-35F10	135030
23215-50K10	230003
23215-50Y05	135027
23215-51S10	132102
23215-54A00	131287
23215-5V100	234612
23215-64J00	135022
23215-64J02	135022
23215-64J11	135030
23215-64J12	135030
23215-64J13	137182
23215-70T00	135021
23215-77A10	134088
23215-7F700	234273
23215-85L00	135021
23215-B9800	130834
23215-C6800	132292
23215-E3200	130834
23215-E3201	130834

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
23215-F2500	130834
23215-P2500	130834
23215-P2501	130834
23215-P3017	131289
23215-Q4601	130834
23215-Q4602	130834
23215-W1700	136284
23215-W1701	131287
23215-W7110	131289
23216-0C400	231077
23216-0P600	138731
23216-50Y05	138714
23216-64J02	138731
23216-85L00	139580
23230-01B00	135757
23230-02E00	135036
23230-04601	131598
23230-04D00	132463
23230-05P01	133262
23230-06500	131598
23230-0C401	234809
23230-0E705	135318
23230-0E706	139579
23230-0L700	234027
23230-0M000	138732
23230-0M001	138732
23230-0P604	230865
23230-0W003	234315
23230-10E05	132099
23230-11T03	234646
23230-12G01	136650
23230-16E05	132099
23230-16V01	234576
23230-16V02	234576
23230-25V00	234576
23230-25V01	234576
23230-26E60	132099
23230-30P00	139172
23230-31U01	138718
23230-40U00	138718
23230-50Y05	138695
23230-50Y06	135039
23230-50Y09	136976
23230-51E00	234577
23230-51S00	132098
23230-57J03	135037
23230-58S00	132098
23230-5C301	231081
23230-60U00	233512
23230-6C300	231081
23230-77A00	133377
23230-77P00	231554
23230-7T400	231442
23230-86N00	138617
23230-AU400	333448
23230-B8000	130618
23230-B9801	231726
23230-D4400	233514
23230-E3200	134386
23230-F6101	233639
23230-F6500	139172
23230-G5703	135057
23230-H0100	130618
23230-H0102	130618
23230-H0300	130618
23230-OM800	230662
23230-OM801	230662
23230-P4505	132051
23230-Q4601	131598
23230-Q9000	138808
23230-V4360	233639
23230-W7101	131600
23231-65002	134494
23232-02N09	131603
23232-09W01	131603
23232-10G00	135037
23232-16A00	131603
23232-18A00	131603
23232-65002	134495
23232-C6500	132051
23232-E3200	130618
23232-E6601	130618
23232-H6200	130618
23232-V6601	131603
23232-W1700	131599
23232-W1705	132053
23235-Q4801	130834
23238-J5500	135263
23245-V7200	135037
23315-C6800	132292
23319-25V10	140738
23319-M4900	140222
23319-M4900	333106
23319-V0700	140078
23324-N5900	231391
23338-J5500	140077
23338-J5500	333101
23338-M4900	140225
23338-V0702	140457
23341-V0600	140495
23344-Z9000	138121
23358-07G00	140225
23358-M4900	140226
23358-V0700	140457
23363-07G00	140222
23363-07G00	333106
23363-M4900	140223
23363-M4900	333105
23363-V0700	140274
23385-50Y12	139205
23385-57J10	139416
23441-10T00	140223
23441-10T00	333105
23441-25500	140227
23441-43G00	140272
23441-43G00	333102
23441-J5500	140227
23500-14602	130620
23500-14603	130620
23500-14800	130620
23500-14802	130620
23500-14803	130620
23500-14804	130620
23500-14814	130620
23500-16500	130620
23500-16502	130620
23500-16503	130620
23500-16504	130620
23500-16510	130620
23500-16512	130620
23500-16513	130620
23500-16514	130620
23500-16516	130620
23500-29900	130620
23500-29901	130620
23500-29902	130620
23500-29903	130620
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23500-29911	130620
23500-29912	130620
23500-73000	130620
23500-73010	130620
23500-73011	130620
23500-86400	130620
23500-89900	130620
23500-89901	130620
23500-89902	130620
23500-89903	130620
23500-89904	130620
23500-89910	130620
23500-89911	130620
23500-90114	131533
23500-90203	131533
23500-90212	131533
23500-96006	131533
23500-99005	133516
23500-99008	135026
23500-99109	233493
23500-L0400	130620
23500-L0410	130620
23500-N3300	130620
23500-N3310	130620
23500-Z9007	136168
23528-05E06	133543
23528-18G01	137189
23528-29W00	132431
23528-C8601	234701
23528-V7200	137189
23611-05E06	133499
23611-16A00	135262
23611-29W00	133727
28230-B8000	130618
28230-E3200	131603
90804-20630	133040
NSK	
2B17-4DG	140783
6003DW	141071
6302D63	141236
6902V	140224
B10-27D	140588
B10-27D	142313
B10-46D	140233
B10-50D	140235
B10-50T12DDNCX	140235
B12-32D	140417
B12-32DW	140989
B12-57T	140989
B15-69D	140434
B15-69D	B140434
B15-70D	140441
B15-83D	140411
B15-86D	140420
B15-86W3	140420
B15-94DW3	140411
B17-102DG38	141233
B17-107D	140589
B17-116DG	140754
B17-126DD	140176
B17-127DG	140957
B17-47D	140783
B17-96DG	140589
B17-99DDW	140263
B8-23D	140419
B8-23D	142317
B8-74D	140231
B8-79D	140232
B8-85D	140234
DB501005C	141090
TM62304LLUA17	140569
NTN	
HK1414	331936
RR0407C4	141019
SC0081LHIA	140588
SC0081LHIA	142313
SC0352LLUACLW	140263
SC8AD5LHI	140419
SC8AD5LHI	142317
TMB303LLU	140420
TMB303LU	140589
TMB303LUX	140420
ONAN	
191-0732	131909
191-1557	131851
OPEL	
1204366	238690
1204366	332314
1204376	237280
1204378	235477
1204392	236995
1204392	332311
1204484	333075
1277125	330716
PERKINS	
2871702	130883
2871706	130883
28710225	134845
28710236	134845
28710252	131277
28710253	131304
PEUGEOT	
576187	134475
POONG SUNG	
235887	235887
33151-0000	331512
72011-0740	230527
72011-0740	333335
PORSCHE	
99660315250	230315
PRESTOLITE	
11-34	140279
7-37	232160
11-40	140219
11-40	142274
11-40	333115
11-40	B140219
11-40	B140219Z
1-47	131892
1-48	131892
1-49	131892
3-60	133070
11-70	141179
11-73	141180
1-75	131889
11-76	133065
1-95	131889
1-96	131888
1-1	131887
3-1	130543
13-1	131870
14-1	232408
25-1	140087
25-1	333112
1-2	131888
3-2	131920
13-2	131871
13-3	131871
25-4	140279
1-5	131887
1-6	131888
1-7	131885
14-9	232408
1-10	131887
1-11	131887
3-15	130543
3-16	131920
1-18	131892
12-22	132625
1-23	131885
0142000T32S	133064
1-102	131899
1-103	131892
1-110	131887
1-112	131889
1-113	131892
1-115	131889
1-130	131899
1-137	131891
1-147	131893
1-148	131892
114-9	232408
1-149	131893
1-150	131892
1-151	131887
1-152	131888
1-156	131888
1-157	131888

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
PRESTOLITE *Continued*	
1-161	131889
1-167	131888
1-171	131889
1-175	131892
1-193	131892
1-207	133380
13-180	131872
13-186	131872
13-187	131872
13-19	131871
13-22	131870
14-55	232410
20-128	136911
25-22	140081
25-22	333108
25-23	140301
25-24	140079
25-24	333091
25-28	140087
25-28	333112
25-71	140279
25-73	140087
25-73	333112
25-91	140087
25-91	333112
34-111	232103
34-399	232168
5-151	131909
5-197	131910
5-207	233373
5-229	131181
83-93	131687
8-393	131687
83-94	131687
8-394	131687
90-2058	140230
ALA-1012CS	EX912
ALE-1013C	141180
AMA1012S	141179
AMA-1012S	141179
ANB-3008A	131872
ANB-3008S1	131872
BRC-3001G	131872
BRC-3001J	131872
PU-598G	232167
PU-697	232168
VSH-6401C	131687
VSH-6401CS	131687
VSH-6401D	131687
VSH-6401ES	131687
X-4140	140279
REMY (DELCO)	
120622	230422
210302	139874
210667	233392
210930	234337
238164	238164
262100	138389
266600	235139
267000	138389
267800	138389
271520	234306
271710	139468
271910	139468
271940	233975
273110	138387
273310	138387
276010	139467
331007	331007
443344	136911
453434	230422
453996	230422
800135	138696
800137	130525
800594	233113
801466	130549
801815	232714
801816	130555
801817	130556
806915	132346
830279	232109
830338	233426
830478	230684
830890	234298
830891	130556
900259	140087
900259	333112
903209	140636
904722	140279
904751	140087
904751	333112
904759	140087
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904793	140218
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904940	140279
904983	140219
904983	333115
905055	140279
905429	140087
905429	333112
905920	140087
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907056	140279
907187	140278
907338	140087
907338	333112
907351	140279
907354	140087
907354	333112
907356	140279
907503	140087
907503	333112
907689	140279
907940	140279
907998	140087
907998	333112
908019	140087
908019	333112
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908280	140279
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954139	140159
954293	140086
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954298	140087
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954517	140279
954554	140279
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954753	140218
954753	333114
954755	140218
954755	333114
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954818	333112
954819	140218
954819	333114
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1116392	130668
1116404	134751
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1116406	134750
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1116408	131904
1116411	131905
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1116413	133582
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1116424	134343
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1116428	131904
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1116440	233203
1116441	233204
1116442	139637
1116445	133582
1116446	232413
1118381	233624
1118779	233624
1118839	235619
1118997	233624
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1119000	235619
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1119261	235619
1119506	130505
1119507	130505
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1119515	130505
1119519	130505
1119576	233624
1846523	230875
1846529	232167
1846657	130527
1846900	131504
1846955	233428
1847807	233428
1851201	230875
1851572	130526
1851612	233430
1851714	232648
1851808	233435
1851960	233051
1852002	130558
1852101	230875
1852209	130673
1852744	130557
1852929	233543
1867150	132682
1875620	130527
1875627	130673
1875645	130555
1875812	130557
1876080	232709
1876163	130527
1876388	130509
1876470	130527
1876668	233429
1876681	233425
1876682	233429
1876744	235643
1876769	132045
1876797	131416
1876804	232798
1876809	232709
1876813	232755
1876873	130558
1876876	130549
1876897	232654
1877007	133952
1877070	130527
1880132	233194
1891055	130673
1891143	132682
1891310	130527
1891527	130527
1891581	130525
1891587	130527
1891590	235643
1891595	235643
1891597	235643
1891598	130527
1892765	232737
1892812	131901
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1892959	230939
1892960	230939
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1893306	333112
1893675	230535
1894445	232637
1894458	233432
1894460	134751
1894462	232712
1894464	232711
1894467	131861
1894474	230026
1894489	134750
1894559	131476
1894562	130526
1894564	140924
1894586	233432
1894594	135145
1894626	232649
1894641	233433
1894642	233057
1894643	233048
1911263	232734
1913433	132682
1914373	233057
1914593	233046
1915172	132346
1916272	136340
1918047	132682
1918621	230378
1921805	233048
1934758	133951
1937310	132825
1937718	135642
1938553	232103
1939845	230535
1940994	233113
1941881	136911
1942360	140134
1945860	233052
1949355	230535
1949356	230535
1949357	230535
1953071	131176
1956975	230421
1957004	140120
1958509	138130
1959381	130525
1959531	130525
1959829	233543
1959833	232646
1959917	138696
1959991	133945
1961291	232084
1962025	130525
1962567	131176
1963139	133948
1964363	232709
1964682	130548
1965104	233410
1965276	130548
1966990	233113
1968890	232749
1968892	131862

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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1968945	233434
1968949	131901
1968990	232737
1968991	232640
1968998	233428
1969002	232703
1969110	131903
1969133	230027
1969481	131854
1970395	232682
1970757	230535
1971465	131864
1971521	130549
1971523	140134
1971526	230875
1971528	131418
1971639	130526
1971670	131879
1971672	233544
1971986	130525
1971987	130673
1971990	130527
1974020	233427
1974414	232649
1974548	131861
1974623	134750
1974626	131898
1974629	232687
1974861	140087
1974861	333112
1974862	140771
1974865	140771
1974937	232236
1974939	230877
1975313	131875
1975322	140241
1975323	131914
1975328	131418
1975333	138771
1975350	133948
1975471	135005
1975645	130555
1975735	233429
1975736	233410
1975737	233429
1976061	233431
1976364	234298
1977064	130556
1977357	235682
1977674	232734
1978064	133946
1978065	133936
1978067	133936
1978146	234298
1978873	138127
1979422	133941
1979724	138053
1979746	133938
1979846	133941
1984032	130674
1984287	130510
1984445	131855
1984454	131873
1984458	233429
1984459	131418
1984460	230879
1984462	130558
1984464	138697
1984466	232813
1984476	234717
1984537	230922
1984584	131855
1984638	130673
1984964	133941
1985304	233049
1985320	233050
1985476	232813
1985493	130527
1985627	131914
1985642	232236
1985646	138771
1985837	230879
1985960	233051
1985964	133941
1985999	137194
1986000	133946
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1986130	131855
1986132	233423
1986206	230922
1986280	235863
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1986832	230531
1986853	140926
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1987054	138697
1987056	230879
1987061	131874
1987073	230879
1987074	131856
1987104	232236
1987105	138696
1987324	133867
1987518	235671
1987801	232170
1987810	232098
1987869	232686
1987932	232110
1987997	230922
1988085	132045
1988655	137129
1988674	232734
1988873	233206
1988971	233429
1988972	233119
1988976	131877
1988985	131897
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1988988	131900
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1989581	133930
1989624	232051
1989628	131924
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1989630	137193
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1989632	137132
1989634	139284
1989640	133924
1989646	140271
1989646	333099
1989647	233394
1989649	191307
1989650	134077
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1989655	137129
1989656	137131
1989658	131880
1989661	140925
1989681	134077
1989690	232637
1989702	131916
1989705	133934
1989711	141002
1989719	230681
1989774	131881
1995564	140924
2909321	132346
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3472311	130667
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3472316	130712
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3472438	140087
3472438	333112
3472447	134388
3472449	134388
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3472539	137369
3472557	131044
3472571	134389
3472622	132582
3472681	134387
3472807	139045
3472808	136364
3472813	131458
3472820	231762
3472836	140088
3472836	333113
3472878	235117
3478687	231762
3493008	132931
3493014	135611
3493025	133497
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3493029	132929
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3493066	135524
3493079	132929
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3493091	131915
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3493108	135611
3493115	135531
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3493138	135611
3493200	135946
3493316	135531
3493332	130712
3874074	140241
3908560	232095
5145471	232112
7451326	140120
7451763	140120
7451782	140136
7451931	140120
7454763	140120
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7982673	130668
7982716	130667
7982718	130667
7982866	130664
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9315303	133073
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9345333	133073
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9418881	136911
9424225	140120
9427225	140120
9432068	140120
9433301	140240
9436063	140229
9436064	140228
9436831	140120
9437171	140136
9437211	140240
9437221	140240
9437222	140240
9437254	140636
9437305	140120
9437824	140279
9438527	140120
9439507	140279
9439542	140772
9439567	136911
9439570	140279
9439571	140279
9439722	140636
9439723	140636
9440920	140752
9440922	140470
9440923	140242
9440924	140222
9440924	333106
9441510	140751
9441512	140750
9441607	140421
9441879	140120
9441901	140279
10451525	234659
10451570	230307
10451570	332296
10451617	138052
10451619	140084
10451619	333110
10453582	230307
10453582	332296
10453673	232664
10454850	138092
10456401	131880
10456417	232656
10456427	232657
10456461	140273
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10456462	140079
10456462	333091
10456463	140287
10456474	133965
10456489	133935
10457103	131901
10457127	131903
10457159	232706
10457236	131880
10457349	132346
10457690	131880
10458198	232664
10458199	232665
10458200	232665
10458201	232665
10467039	230718
10467052	231062
10467261	234343
10467263	232818
10467267	230927
10467269	232278
10467271	232763
10467272	233826
10467339	232717
10467404	232718
10467934	138053
10467935	140924
10467994	234343
10468200	137130
10468201	139284
10468311	232665
10468447	139254
10468477	139254
10468526	232114
10468714	133934
10468944	232719
10469066	140421
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10469092	333112
10469216	133934

O.E. No.	HC-CARGO
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10469265	231061
10469356	133038
10469875	137196
10469997	232802
10470075	137200
10470297	137132
10470411	140773
10470412	137198
10470431	141111
10470439	232804
10470441	140771
10470606	232818
10470609	231062
10470633	137132
10470688	232805
10470690	138129
10470730	131880
10470875	232805
10470886	233204
10470887	232803
10471056	232799
10471121	233826
10471170	131881
10471339	232245
10471478	137132
10471482	133933
10471658	137132
10471945	137132
10471947	137132
10471975	133929
10472050	138771
10472051	138771
10472095	232069
10472107	137132
10472207	141002
10472287	137132
10472397	133927
10472540	133934
10472597	131880
10472665	232803
10472881	131915
10472882	133934
10472935	140279
10472936	140772
10473364	131915
10473389	232087
10473402	137519
10473403	140087
10473403	333112
10473705	230934
10473707	230934
10473709	137131
10473711	140784
10473712	231447
10473937	137519
10473999	232051
10474067	232732
10474090	232760
10474093	137132
10474266	137131
10474290	131915
10474364	133938
10474368	140773
10474407	232803
10474532	141002
10474925	232115
10475000	137194
10475002	134077
10475007	136750
10475011	136599
10475012	137054
10475013	136749
10475016	233744
10475017	136596
10475018	236257
10475019	135336
10475020	138673
10475021	136601
10475022	139402
10475023	140084
10475023	333110
10475030	137052
10475034	136595
10475038	138049
10475039	230983
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10475376	230933
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10475405	232813
10475415	130527
10475434	232278
10475450	137052
10475460	139452
10475523	139402
10475636	232992
10475638	233154
10475675	138049
10475737	233681
10475739	232253
10475742	137052
10475745	137054
10475746	137053
10475747	137056
10475748	138052
10475751	136682
10475757	231200
10475758	231200
10475765	138049
10475766	232285
10475768	137055
10475769	233422
10475800	232068
10476024	137130
10476121	139875
10476122	232049
10476236	230933
10476239	140093
10476239	333119
10476292	230932
10476293	230932
10476337	136911
10476367	230925
10476368	230925
10476382	232745
10476389	232097
10476394	230535
10476400	137052
10476412	230934
10476418	140773
10476626	232802
10476720	232689
10477018	232820
10477178	230933
10477782	232820
10477863	232823
10479357	137131
10479702	135005
10479703	232659
10479985	137132
10483643	232665
10483777	232664
10483778	232664
10484670	230526
10486311	232665
10487805	235644
10488598	232256
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10488602	232302
10489033	138052
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10490878	138052
10491097	135337
10491175	232298
10491182	233200
10491236	232639
10491238	232811
10491242	232806
10491309	140773
10492080	232291
10492086	232285
10492103	232256
10492139	233114
10492300	232070
10492747	232293
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10492754	232259
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10492838	135337
10493077	237263
10493240	231796
10493596	231797
10493612	232302
10493722	232822
10494279	133934
10494476	234667
10494503	232668
10494744	235026
10494747	232665
10495168	232169
10495191	133936
10495192	230535
10495197	232803
10495204	133926
10495205	133929
10495208	133927
10495213	231359
10495222	140598
10495229	140598
10495350	133933
10495358	137130
10495414	140084
10495414	333110
10495516	140599
10495518	140599
10495572	137519
10495643	133933
10495681	137132
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10496053	139869
10496501	140616
10496671	230916
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10496750	133935
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10497168	232654
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10497219	232749
10497317	232803
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10497825	232801
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10498011	139871
10498145	133933
10498213	139254
10498301	133936
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10498824	131903
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10499095	230918
10499096	230918
10499362	232116
10499513	140598
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10499515	140598
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10499700	230917
10499878	140636
10499985	137132
10502870	331012
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10511026	238690
10511026	332314
10521033	235803
10521657	331008
16148399	133589
19009701	135336
19009702	135547
19009703	231183
19009705	231184
19009706	231185
19009708	231796
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19009718	233251
19009719	135547
19009730	133582
19009731	232413
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19009752	131905
19009758	232074
19009761	233251
19009769	131905
19024399	235475
19052897	234341
19053013	232665
19053730	232665
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92100510	130843
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D27	130509
D3154	130527
D3156	138771
D3157	232813
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D3159	138771
D3172	137132
D3173	137132
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D3177	137132
D3181	137132
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D3443	232236
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D3918	130556
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D3921	130556
D3922	131418
D3924	131873
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D3929	231061
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D3986	131874
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D600A	133582
D602A	232413
D611	235619
D617	235619
D618	235619
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D626	235619

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O.E. No.	HC-CARGO
D631	130505
D632	130505
D634	130505
D635	130505
D6353	130505
D646	233624
D663	130505
D666	130668
D667	130668
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D669	134750
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D674	131900
D675	131904
D677	131905
D678	131906
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D681	133582
D683	133581
D684	131906
D685	131905
D686	139637
D687	139637
D688	233204
D690	139637
D691	233204
D693	131903
D698	131905
D699	131904
D722	130548
D728	131914
D766	130549
D767	131914
D770	230681
D774	235683
D776	230681
D786	235683
D789	131915
DR3900	130667
DR3901	130674
DR3901HD	132611
DR600	130668
DR606	130668
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DR669	134750
DR680	130668
DR701	130712
DR702	RX103F2
IAT08790	234307
IAT09750	234306
RX142-143	141033

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0514-030-0610	233735
1219-004-00	133516
1219-005-00	133516
1221-004-00X0	136497
1231-000-20X0	136490
1291-004-00X0	133516
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1291-008-00X0	136168
1291-010-00X0	233493
1359-063-10X9	134554
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1510-029-11X0	138411
2660-001-10X0	140819
2660-001-20X0	140820
2660-014-01X0	140821
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71997103	131827
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30206J	140762
30209J	140968
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60012RS1	140077
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60021BRDD	140441
60022RS1	140272
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60052RS1	140274
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60062RS1	140283
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60082RS1C3	140632
60092RS1C3	140633
60102RS1C3	140634
60112RS1C3	140891
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6201ZZ	333109
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6201ZZ	B140082Z
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6202NCD	140434
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6202VVNCXCM	140432
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62032RS1	140087
62032RS1	142269
62032RS1	333112
62032RSC3	140087

O.E.M. names and numbers are used for reference purposes only.

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6204ZZ	140159
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6204ZZ	B140159P
6204ZZ	B140159Z
62052RS1	140219
62052RS1	142274
62052RS1	333115
62052RS1	B140219
62052RS1	B140219Z
6205ZZ	140089
6205ZZ	B140089Z
62062RS1	140220
62062RS1	142290
62062Z	140288
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62072RS1	140275
62072RS1	142304
62072Z	140289
62072Z	B140289P
62082RS1	140276
62082Z	140290
62092RS1C3	140636
62092RSC3	140636
6209DDC3	140636
62102RS1C3	140637
62112RS1C3	140638
622012RS1	140105
62201LRSX	140105
622022RS1	140265
622032RS1	140900
623022RS1C3	140936
623032RS1	140266
623042RS1	140442
623052RS1	140879
623052RS1C3	140879
62306X1LLUA	140707
6252RS1	140459
625ZZ	140458
6262RS1	140523
626ZZ	140299
627ZZ	140300
628ZZC3	140848
6292RS1C3	140893
629ZZ	140301
630012RS1	141265
630012RS1C3	141265
63001-2RSR-C3	141265
630012Z	140116
63001ZZ	140116
63002RS1C3	140635
63012RS1	140277
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63012RS1	333116
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6304HBA	140278
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63052RS1	140279
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63052RS1	B140279Z
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6305ZZ	333121
6306/25-2LS2	141272
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6306RDH	141272
63072RS1	140281
63072Z	140294
63082RS1	140282
63092RS1	140302
63102RS1	140303
63112RS1	140304
63132RS1C3	140642
64032RS1C3	140878
68052RS	142005
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69032RS1	140225
69042RS1	140226
69052RS1	140227
69062RS1	140868
6906RU	140868
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HK2012	140457
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23708-AA070	138693
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23712-AA050	135269
23714-KA000	231619
23718-KA050	231620
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23752-AA010	136961
23798-KA000	231768
23798-AA010	135277
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23815-AA010	135024
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3189C45G01	131166
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41-1740	139459
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DB59046	140470
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27310-15060	138677

O.E.M. names and numbers are used for reference purposes only.

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27310-61023	139178
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27312-70200	230716
27312-72100	139936
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27330-10021	135838
27330-10040	135839
27330-11160	138572
27330-22012	137422
27330-24010	136571
27330-26050	135950
27330-35050	135950
27330-42010	138375
27330-43110	138162
27330-45020	135950
27330-45090	135950
27330-54180	136448
27330-54200	136192
27330-54201	138747
27330-56100	136193
27330-56140	136192
27330-56190	136448
27330-58040	137394
27330-63020	135837
27330-63021	135837
27330-63041	135838
27330-64011	230893
27330-64030	136448
27330-64080	136448
27330-64130	137373
27330-68150	230695
27330-68151	230695
27330-72100	135837
27330-72101	135837
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27330-72150	137799
27330-76030	138375
27330-87701	138572
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27330-87708	135838
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27350-76030	136758
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27351-76050	139228
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27356-54060	132648
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27700-YA050	231237
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28253-45020	140222
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29300-54180	231402
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29314-64030	230625
29331-56010	133813
29331-56070	133282
29331-64030	133283
29331-78010	135286
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29336-64030	230626
29336-64031	230626
29341-64030	133523
29341-64130	133524
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29369-64030	135366
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90099-02216	230902
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90099-10141	140091
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96740-02063	133597

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8631	136254
14126	235702
02179003	135172
4099213	133980
05179002	132295

O.E.M. names and numbers are used for reference purposes only.

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13179002	133409
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18179001	130841
18179002	131814
18179003	131815
18179009	135173
20179001	133055
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6000-2RS	140271
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6000-2RST	141002
6001-2RS	140077
6001-2RS	142278
6001-2RS	333101
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6002-2RS	333102
6003-2RS	140273
6003-2RS	333103
6004-2RS	140223
6004-2RS	142285
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6005-2RS	142273
6006-2RS	140283
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B1050-2RS	140235
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B879-2RS	140232
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CR3043	131419
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D30-1	134751
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D752	131905
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DR5070-1	131875
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F540HD	130506
F540S-1	130506
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F603	233775
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F782	130506
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F796	138663
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IH201	130834
IH202	130834
IH205	137189

O.E.M. names and numbers are used for reference purposes only.

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IH211	130832
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IH253	132292
IH253V	132292
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IH758	235145
IH766	138717
IH767	138727
IH774	231534
IH776	139980
IH811	130620
IHR1000	130618
IHR1000HD	130618
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IHR723HD	131603
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IHR782	234909
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IPR908	133432
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IS219	130964
IS219A	130964
IS701	130840
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IX4004	130613
IX700	131693
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IXR692-1	131505
IXR693-1	131505
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IY785	133320
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IYR8510	135948
IYR9025	234653
IYR9094	231426
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L79000S	230591
L7900HDP	230591
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MER107	131698
MER108	131566
MER540	235886
MP541	133417
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P8-393A	131687
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TNB15	140241
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TRI232	137478
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TRI400S	133244
TRI405	133245
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V1200	234324
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W6001-2RS	140116
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BH-1301	131916
BH-1447	234308
BH-1500	234667
BH-1501	233449
BH-585	234500
BH-640	135419
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BH-715	138719
CON-1101	233119
CON-1407	233744
CON-636	231893
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CON-689	138731
CON-690	138714
CON-713	231078
D-037	136979
ORC-0009	236762
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REC-5602	234702
REC-561	333050
REC-5691	135948
REC-5701	139763
REC-5781	134027
REC-5784	235297
REC-594A	234313

O.E.M. names and numbers are used for reference purposes only.

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REC-634	233888
REC-650	231081
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REC-656A	333051
REC-693	234312
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REC-6932	234828
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REC-6952	234829
REC-697	234027
REC697A	234027
REC-698	333052
REC-702	137229
REC-932	333057
REC-981	233447
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T-180309	136213
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T-305117	138911
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T-502015	137659
T-502020	230996
T-502035	138907
T-V00409	230951
T-V00509	138188
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YR-564	234309
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078819	130679
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092361	130679
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092902	130661
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092962	131120
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092979	230486
092981	130661
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095394	130679
096126	130679
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096880	133936
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097628	130017
098088	131812
098882	131583
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098979	131623
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099923	333120
100065	130679
100078	140094
100078	333120
100155	131624
100156	131052
100157	133689
100273	131982
100675	233958
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100873	140088
100873	333113
100930	131456
100955	232207
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100995	131626
101025	131982
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101227	131568
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101512	230989
101518	131052
101520	235264
101523	230989
101701	131568
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101759	131164
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101868	131982
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103576	131164
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104292	131164
104297	231539
104377	133624
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104615	131573
104808	131827
104809	131827
104810	131827
104971	131164
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105252	132985
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105383	131842
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105523	131573
105554	131569
105627	138588
105629	133689
105690	132985
105754	131569
105760	133870
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105814	133741
105864	230213
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106016	131573

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181736	133626
182005	131146
182006	137068
182007	131477
182008	133989
182011	131146
182013	131477
182018	131245
182022	136258
182027	131812
182046	130657Z
182055	133115
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182174	133587
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186448	140919
237153	237153
237155	237155
266000	235027
267400	233447
271910	139468
300082	133689
300660	131645
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300667	130663
300668	130657Z
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300740	231883
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300742	131812
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300871	134015
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300888	131455
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300894	130657Z
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592915	231736
592916	135278
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593131	134475
593132	139475
593133	134475
593135	136910
593138	136546
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593140	139475
593141	138301
593142	135434
593143	137731
593144	138116
593145	138116
593146	137523
593147	137580
593149	138116
593150	137523
593151	137523
593152	137523
593153	138116
593154	135533
593158	137581
593159	139448
593160	135533
593161	138302
593163	135494
593165	235258
593167	231166
593172	231396
593174	138303
593175	137524
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593188	131701
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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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593206	235354
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593234	231187
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593237	136662
593238	137945
593241	135430
593242	233772
593244	139444
593247	138051
593249	138502
593250	139445
593251	232213
593252	138501
593257	131477
593258	134475
593260	137489
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593275	230722
593277	131052
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593281	234674
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593284	235082
593285	139447
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593288	139451
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593290	139456
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593304	137524
593305	139486
593306	138303
593307	235482
593308	131300
593309	131701
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593316	235819
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593324	137524
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593327	230031
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593620	234993
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593667	236305
593668	236137
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593672	236473
593674	140263
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593677	234821
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593689	234818
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593744	235446
593745	232345
593746	138657
593747	138657
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593753	235553
593754	230288
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593759	135562
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593762	232352
593768	235466
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O.E. No.	HC-CARGO
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593813	231103
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593823	236393
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593832	234794
593832	332307
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593835	133989
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593864	237327
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593877	332158
593890	330864
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2546990	231452
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2547128	230305
2547128	332319
2547221	235131
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2547439	332295
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2547655	332301
2547737	230297
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2547917	332320
2548083	139483
2548207	234569
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2590558	130657
2590574	230906
2590608	131455
2590625	133003
2590691	231296
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2590884	135427
2590900	135427
2590902	137522
2590941	137580
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2600001	332301
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2601052	234794
2601052	332307
2601593	235479
2601991	238339
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O.E.M. names and numbers are used for reference purposes only.

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NC119	131982
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NC141	132985
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NC231	230486
NC236	233699
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NC247	131968
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NF017	231736
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NF022	231296
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NF032	239514
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YR1615PF	234818
YR1616VFP1	231103
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YR3634VFP2	235369
YR6604	234115
YR6608	235657
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85-74-42	333085
85-74-45	332133
86-41-23	333069
86-41-39	333070
86-42-24	333064
86-42-28	332033
86-42-42	331925
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86-42-61	333074
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86-74-17	330341
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86-74-50	333076
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028903165	332318

O.E.M. names and numbers are used for reference purposes only.

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028903803F	134475
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038903119L	230306
038903119M	230302
038903119M	332295
038903119P	230304
038903119Q	230309
038903119T	230293
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03D903119A	234569
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06B903119B	234795
06F903803B	333244
070903201C	236531
070903201C	333134
071903119B	230306
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078903803A	134475
078903803B	134475
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9459747	230296
9459747	332294
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21-133-1	139873
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21-151-1	230932
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27-126-9	234343
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27-132-9	232801
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27-136	137052
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27-209	136213
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O.E.M. names and numbers are used for reference purposes only.

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35-137	231184
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35-8127	138717
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35-8204-1	131459
35-8204-2	131459
35-8204-5	133235
35-8205	134447
35-8205-1	134447
35-8205-3	131526
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35-8213	132645
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35-8215	133257
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35-8220	133872
35-8221	133519
35-8221-1	133872
35-8226	134447
35-8227	135731
35-8229	131459
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35-8240	135734
35-8241	234557

O.E.M. names and numbers are used for reference purposes only.

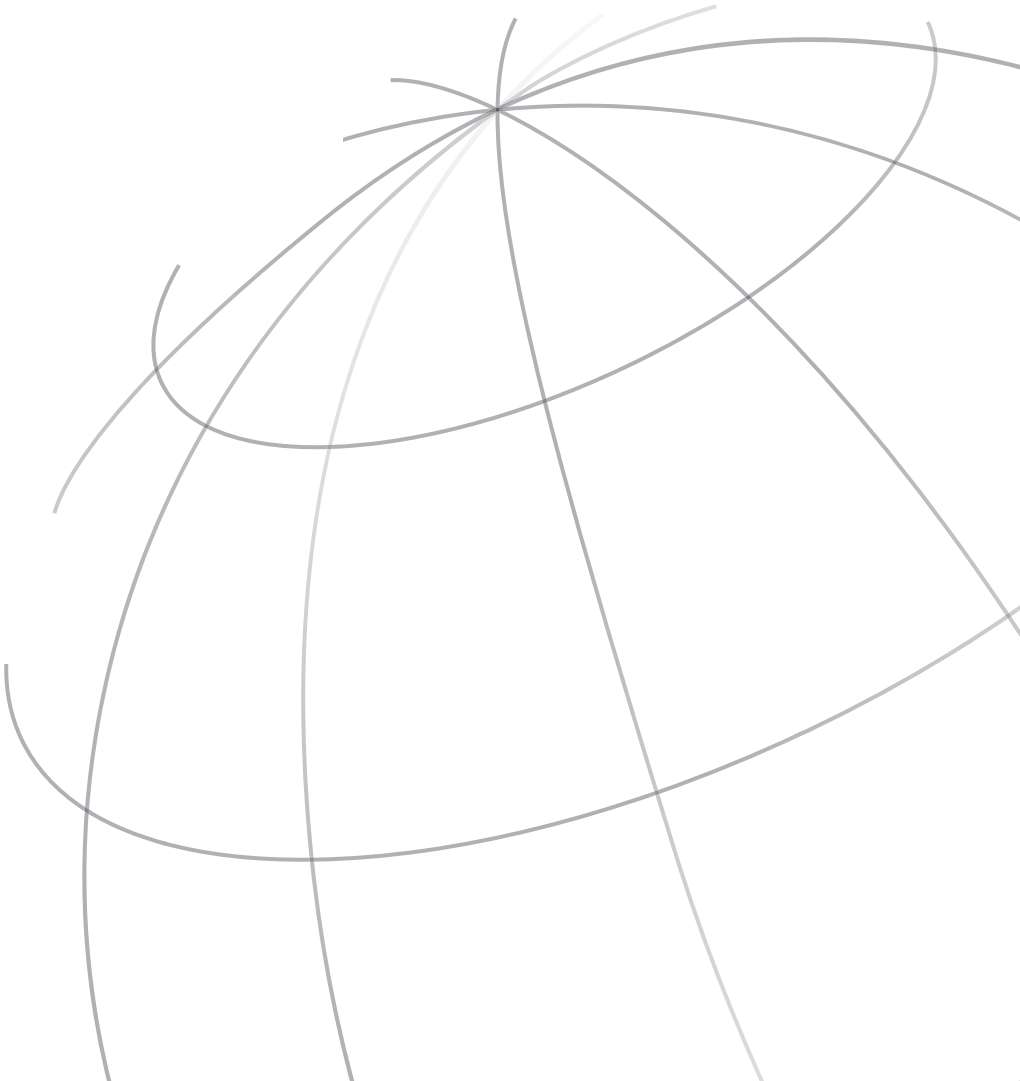
O.E. No.	HC-CARGO
35-8242	138662
35-8245	133526
35-8246	138146
35-8301-5	133243
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35-8323	135034
35-8346	234313
35-8347	138872
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35-8355	131471
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35-8359	137396
35-8401	135296
35-8600	133320
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35-8602	136742
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35-9101	130592
35-9102	130676
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35-9103	132980
35-9103-1	132980
35-9104	130958
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35-9104-1	333254
35-9105	130675
35-9106	130960
35-9107	130958
35-9107	333254
35-9110	137342
35-9111	137342
35-9113	131297
35-9128	130678
35-9129	135856
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35-9131	137152
35-9132	130677
35-9200	130637
35-9201	130639
35-9202	130639
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35-9208	130639
35-9300	130652
35-9301	130653
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35-9303	131282
35-9305	136457
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35-9403	130657
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35-9405	130657
35-9405-1	130657
35-9406	131222
35-9407	131222
35-9408	130964
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35-9410	130964
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38-105	140924
38-106	140926
38-107	140925
38-107-88	140925
38-110	140135
38-110-1	140135
38-110-2	140135
38-115	140598
38-115-1	140598
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38-116-1	140598
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38-119	140912
38-120	140912
38-121	141169
38-122	141170
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38-213	141174
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38-8102	140342
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38-8301	140437
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38-9200	LAX31-322
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38-9202	LAX302
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38-9402	SVX72
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38-9405	SV7
38-9900	140447
39-100-3	130548
39-111	231346
39-112	234667
39-1211	231346
39-1505	233682
39-1700	235682
39-1701	235683
39-1703-2	235685
39-206	136216
39-2203	136216
39-2700-1	233293
39-400	131920
39-8104	135446
39-8111	230014
39-8116	138733
39-8118	138719
39-8202	135419
39-9400	132396
41-1313	232689
41-5500	134488
41-81201	133679
41-82303	232629
42-1309	133928
42-1315	232695
42-2312	230070
42-3301	132581
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42-81304	233299
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42-83309	233307
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42-91102	131825
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46-1101	234298
46-1167	233394
46-1168	133935
46-1176	233423
46-1185	138049
46-1188	232707
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46-1302	232712
46-1405	139875
46-1406	232302
46-1410	231361
46-1507	137704
46-1509	231448
46-1510	137705
46-1511	232736
46-1550	232737
46-1562-1	231447
46-1570	231448
46-1572	232635
46-1600-1	133945
46-1602-2	133947
46-1614	137200
46-1615	137195
46-1616	137193
46-1617	137194
46-1617-1	137194
46-1621	137197
46-1707	232754
46-1801	231591
46-1803	134526
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46-1810	137352
46-1857	134076
46-1867	231359
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46-2155	233289
46-2158	136217
46-2160	232174
46-2163	230067
46-2164	230068
46-2452	230072
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46-2505	230071
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46-2852	136219
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46-82200	231453
46-82201	231893
46-82204	235691
46-82300	232631
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46-83552	233338
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46-92800	132804
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6-201-4	140081
6-201-4	142271
6-201-4	333108
6-201-4W	140081

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
WAI *Continued*	
6-201-4W	142271
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6-202-2	142299
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6-203-4W	140087
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6-203-4WH	140087
6-203-4WH	142269
6-203-4WH	333112
6-203-84W	141107
6-209-2	140636
6-2201-4W	140105
6-230-84W	141107
6-302-4WH	140091
6-302-4WH	142276
6-302-4WH	333117
6-302-4WH	B140091
6-302-4WH	B140091Z
6-303-2	140094
6-303-2	142307
6-303-2	333120
6-303-4	140093
6-303-4	142270
6-303-4	333119
6-303-4N	140093
6-303-4N	142270
6-303-4N	333119
6-303-4W	140093
6-303-4W	142270
6-303-4W	333119
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6-303-4WH	142270
6-303-4WH	333119
6-306-4	140280
6-306-4	142283
6-307-4	140281
6-308-4	140282
6-308-4	B140282P
6-3101-2	140116
6-3102-4	140441
6-3102-4W	140441
6-403-4	140878
64-100-81N	140271
64-100-81N	333099
6-608-2	140297
6-608-4	140222
6-608-4	333106
6-608-4W	140222
6-608-4W	333106
66-1311	232068
66-2757	191351
6-628-2	140848
6-628-2W	140848
6-638-4	140960
6-902-2	140224
6-902-4	140224
6-904-2	140226
6-904-4	140226
6-904-4W	140226
6-906-4	140868
71-1503	136340
71-1509	233052
71-1510	233053
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71-82502	232434
71-82512	139421
71-82514	139422
71-83102	230759
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81-1900	235619
81-1906	233624
8-121	141111
8-123	140750
8-125	140751
81-92205	LAX31-322
81-92900	130883
8-201	140242
84-1202	233425
84-1204	233426
84-1206	233427
84-1207	233428
84-1214	233430
84-1225	233432
84-1226	233431
84-1307	230421
84-1317	233433
84-1319	233410
84-1323	233409
84-1339	233434
84-1358	233410
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84-1366	234910
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84-2601	136911
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85-1205-1	191586
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89-250	200746
IMR7589	238492
IVR-975	238493
WAPSA	
00-408-32	131297
RWA-T-2	131297
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124080-77390	132434
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129900-77890	231440
129900-77960	231442
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ZEN	
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5374	234569
5375	138807
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5378	230293
5378	332317
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5380	332295
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5381	332292
5382	230083
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5384	138282
5384	332290
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5387	237600
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5393	230292
5393	332293
5394	230307
5394	332296
5395	232624
5395	332302
5396	230523
5396	332320
5403	233657
5403	332303
5408	235157
5409	235331
5410	230524
5410	332301
5411	230297
5411	333087
5419	234867
5423	231584
5424	236332
5424	332310
5425	234675
5426	230296
5426	332294
5428	332486
5429	234401
5431	230521
5431	332299
5433	333083
5437	230523
5437	332321
5438	230308
5440	330221
5440	332316
5445	230311
5446	230303
5448	234795
5449	236995
5449	332311
5450	234127
5450	332305
5453	234794
5453	332307
5454	238690
5454	332314
5455	236762
5456	233530
5456	333336
5457	235503
5458	234169
5458	333336
5459	237674
5460	233990
5460	332304
5461	234793
5461	332306
5462	235494
5462	332309
5463	234796
5463	332308
5464	237619
5464	332312
5466	230527
5466	333335
5492	238734
5492	333337
5493	235506
5495	235479
5496	235696
5496	333363
5500	233989
5500	333604
5501	237610
5501	332315
5502	330850
5502	333454
5503	333062
5504	330356
5505	235507
5506	235476
5507	235873
5507	333463
5508	237280
5509	332133
5510	238339
5511	235424
5512	330339
5514	235695
5516	230314
5516	332298
5522	330341
5523	237355
5525	333026
5527	238068
5527	332313
5528	330287
5530	331925
5531	235720
5532	330921
5532	333465
5533	333134
5559	331792
5561	239914
5562	333340
5565	330473
5566	235508
5567	332133
5573	230525
5576	333135
5578	237500
5580	330895
5581	235812
5582	333065
1.01.0687.0	135228
2.05.0408.0	235157
2.05.0507.0	238339
2.05.0510.0	238339

O.E.M. names and numbers are used for reference purposes only.

Index



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

HC-CARGO	Page
080001	226
080007	668
080008	668
080009	668
080031	668
080032	668
080033	668
080034	668
080035	668
080036	668
080063#	666
080168	666
080170	666
080194	666
080240	153
080242	153
080252	153
080253	297
080255	153
080256	297
080420	666
080875	297
130013	80
130015	94, 528
130017	236, 241, 460, 527, 566
130032	612
130033	612
130038	612
130039	612
130040	612
130041	612
130052	612
130073	611
130076	611
130083#	10
130085	10
130092	20, 303
130097	28, 359
130099	28, 241, 304
130100	28, 304
130101	28, 304
130102	36, 304
130105	36, 305
130106	36, 305
130186	357
130189	611
130262	531
130309	611
130310	611
130338	616
130363	239, 312, 359
130364	239, 242, 340, 377
130365#	322, 361
130380	358
130381	357
130504	612
130505	494
130506	248
130509	494
130510	498
130517	252
130525	486
130526	486
130527	483
130543	469, 480
130548	499
130549	499
130555	502
130556	506
130557	503
130558	499
130561	484
130575	462
130592	94, 376, 462
130594	102, 340
130596	102, 341
130597	102, 309, 341, 377
130602	102, 341
130603	102, 341
130604	167
130605	167
130606	236
130610	94, 239, 241, 308, 334, 376, 462, 575
130611	241, 248, 329
130613	81, 239, 241, 306, 313, 373, 460, 566
130615	197, 248, 329, 413
130616	413
130618	283, 341
130620	197, 274, 329, 413
130627	197, 329
130632	236, 241, 329, 460, 527, 566
130633	238, 341, 577
130634	238, 341
130637	329, 460
130639	329
130641	329
130642	329
130643	341
130644	341
130645	341
130646	341
130647	342
130650	342, 378
130651#	329, 373
130652	81, 329, 373
130653	335, 376
130655	330, 566
130657	306, 330, 527, 566
130657Z	575
130661	330, 527, 566
130661Z	566
130663	330, 527, 566
130664	330, 494
130667	342, 503
130668	330, 494
130669	120, 618
130670	120, 618
130671	618
130672	618
130673	503
130674	347, 506
130675	81, 236, 248, 330, 460, 527, 566
130676	81, 248, 306, 330, 373, 460
130677	94, 335, 462
130678	94, 335, 462
130679	237, 241, 330, 374, 460, 527, 566
130693	98, 336
130696	98, 336
130697	98, 308, 336
130699	237, 336
130702	241
130703	239, 336, 376
130704	336, 377
130712	336, 499
130713	336, 528
130718	526
130813	319, 358
130818	615
130819	615
130824	611
130826	611
130832	274
130833	347, 430
130834	280, 336
130835	248, 330, 413
130836	238
130837	238
130839	342, 528
130840	528
130841	235
130842	535
130843	484
130849	248, 330, 460
130857	323
130858#	325
130859	323
130870	615
130876	612
130883	330
130884	331
130895	328
130901	526, 531
130903	556
130910	320
130911	120, 618
130912	121, 619
130926	331, 528
130933	337, 462
130934	335, 462
130936	359
130937	619
130938	308
130943#	237, 337
130958	81, 306, 331
130960	94, 308, 335
130964	331, 374, 528
130971	168
130973	337, 499
130974	331, 461
130979	463
130980	342, 463, 577
130981	342, 463, 577
130988	616
131027	630, 349
131028	348
131037	526
131044	331, 494
131045	36
131046	313, 331
131048	630, 464
131052	541
131054	166
131055	605
131060	463
131066	331, 461
131073	20, 303
131076	526
131092	463
131095	121, 347
131118	531
131120	335, 575
131126	36
131135	309, 342, 463, 577
131145	239, 331
131146	567
131164	342, 577
131166	467
131175	461, 467
131176	631, 315, 471, 510
131178	468
131180	468
131181	462, 468, 479
131182	168
131193	630, 126, 214
131196	630, 126, 215
131198	630, 126
131200	630, 126
131201	630, 126
131203	631, 126
131204	630, 215, 441
131209	313, 331
131213#	459
131218	458
131219	458
131221	430
131222	237, 331, 567
131223	167
131224	172, 331, 461, 567
131226	331, 567
131227	347, 435
131228	342, 577
131229	359
131277	332, 374
131280	172
131281#	237, 332
131282	335, 376
131283	237, 306, 332, 374
131285	390
131286	335, 376
131287	280
131289	332, 413
131290	413
131292	347, 619
131293	347, 619

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page
131294	619
131297	81, 607
131300	335, 575
131303	342
131304	342, 378
131340	94, 308
131342	319
131375	81, 332
131388	361
131416	506
131418	506
131419	172
131420	172
131421	252
131427#	250
131428	251
131430#	252
131440#	328
131441	328
131444	667
131448	669
131455#	531
131456	538
131457	36, 305
131458	343, 503
131459	197, 332
131460	81, 198
131464#	413
131467	198
131468	102
131469	99, 242
131471	413
131476	499
131477	332, 567
131493	198
131497	20
131504	516
131505	343, 378
131506	619
131507	619
131508	619
131509	619
131510	619
131511	619
131512	619
131513	620
131514	620
131517	421
131518	421
131521	413
131523	413
131524	414
131526	198
131527	94, 204
131528	280
131532	198
131533	278
131535	198, 274
131536	274
131537	204, 279, 473
131538	426
131542	430
131543	430
131544#	347, 431
131545	431
131547	435
131550	237, 332
131554	337, 377
131557	337, 576
131559	102, 343
131564	102, 242, 343, 378
131565	343, 464
131566	464
131568	343, 577
131569	343, 528, 577
131570	343, 578
131573	343, 578
131577#	343, 578
131578	343, 578
131583	605
131585	557
131598	283, 343
131599	283
131600	283
131603	283
131604	638, 236
131605	638, 236, 459
131606	639, 555
131607	639, 555
131608	639, 527
131609	236
131610	236
131612	236
131614#	236
131617	459
131623#	557
131624	527, 557
131626	558
131629	317
131630	317
131637#	10
131639#	10
131640	10, 303
131641#	317, 357
131642#	358
131643	317, 357
131645#	526, 531
131647#	359
131648	320, 359
131660	241, 332
131684	241, 332
131685	241, 335
131687	480
131692	238, 348
131693	348
131698	309, 344, 464, 578
131699	344, 464
131701	344, 578
131703	337, 377
131704	337, 528
131811	307
131812	531
131814	535
131815	535
131816	235
131817	320
131818	458
131819	179
131820	639, 70
131821	639, 70
131823	155
131824	155
131825	155
131826	556
131827	527, 556
131828	72, 556
131842	632, 127, 215, 588
131844	632, 127, 588
131845	633, 127, 588
131846	633, 127
131849	10
131850	576
131851	467
131854	510
131855	486
131856	486
131861	487
131862	485
131864	486
131868	244
131870#	466, 479
131871#	466, 479
131872#	479
131873	503
131874	503
131875	503
131877	503
131879	503
131880	504
131881	504
131885#	470, 481
131887#	464, 469, 480
131888	469, 480
131889#	469, 480
131891	470, 480
131892	464, 470, 481
131893	470, 481
131897	507
131898#	507
131899	471, 481
131900	494
131901	494
131903	498
131904	494
131905	494
131906	495
131907	248
131910	467, 479
131911	467
131912	467
131914	499
131915	499
131916	500
131917	251
131919#	172
131920	469, 480
131924	507
131928	630, 127
131938	10
131940#	20
131942	458
131943#	357
131944#	317, 357
131946#	10
131947	10
131948	11
131949	11
131952	317, 357
131953	317, 357
131954	317, 357
131956	11
131957	11
131958	11, 303
131960#	235
131963	531
131964	458, 531
131968	531
131969#	531
131970	526, 532
131971#	532
131976	320, 359
131977	321, 360
131979	538
131980	235, 459, 538
131982#	526, 538
132039	253, 425
132040	253, 427
132041	414
132045	487
132047#	507
132051#	284
132053	284
132065	232
132066	227
132067	227
132080	399
132082	207
132084	205
132086	207
132087	426
132091	28
132092	473
132098	284
132099	284
132101	414
132102	414
132103	102
132105	332
132106	332
132111	198
132127	103
132130	430
132210	38
132213	38
132214	54
132215	54
132231	333, 461
132232	333, 461
132234#	460
132235	460
132237	465
132245	370

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page
132292	281
132295	235, 484, 536
132297	669, 301
132313	381
132315	370
132317	337, 463
132319	669, 355
132323	240, 385
132324	616
132330	553
132338	11, 303, 317, 358
132340	11, 303
132343	20
132346	244, 466, 485
132347#	21
132348	21, 303
132349	21, 303
132350#	11
132351	29
132352	36
132353	29
132354	29
132370	322, 362
132378	538
132382	669
132396#	528
132397	67
132398	67
132406	284
132412	284
132426	281
132429	274
132431#	274
132432	274
132434	281
132435	264
132436	266
132438	266
132439	266
132441	266
132442	266
132443	269
132444	269
132460#	425
132462	578
132463	431
132466	427
132467	427
132468	427
132469	254, 427
132476	414
132477#	394
132478#	399
132480	399
132490	475
132491#	475
132504#	474
132505	474
132509#	475
132511	475
132540	207
132541	208
132549	669, 232
132555#	205
132556	205
132558	206
132569	240, 381
132572	639, 312, 369
132573	639, 555
132581	668, 173, 627
132582	668, 520
132592	240, 313
132602	558
132611	507
132625	466, 479
132627	198
132628	204
132630	370
132642	320
132645	198
132646	198
132647	208
132648	208
132649	208
132650#	208
132657	208
132659	666, 301, 457
132660	666, 161, 301, 457
132661	669, 301
132662	669, 456
132663	669, 456
132664	669, 456
132666	81
132667	103
132668	103
132669	103
132670	103, 309
132673	464
132682	669
132714	435
132715	425
132718	344
132720	344
132721	344, 378
132734	669, 160
132737	81, 333
132738	242, 337
132767	155
132768	155
132769	72
132783	227, 452
132784	227
132785	227
132789	425
132791	425
132792	427
132793	435
132794	427
132804	354
132806	155
132807	156
132809	553
132810	553
132825#	669
132831	198
132833	632, 441
132834	633, 215
132835	632, 215
132848	235
132850	11
132855	199, 374
132856	199
132857	308
132859	199
132860	199
132891	666
132892	666
132893	666
132900	666
132902#	558
132903	95
132925	558
132929	495
132930	495
132931	504
132933	399
132934	399
132936#	414
132938	464
132948	615
132970	164, 462
132980	81, 248
132981	669
132985	344, 578
132986	627
132991	275
132992#	275
132993	275
132996	328
133002	538
133003	532
133020	669
133038	492
133040	666, 232
133055	458
133063	466
133064	466, 479
133065	669, 669, 472, 482
133066	669, 472
133068	471
133069	469
133070	469, 480
133073	495
133081	29, 304
133091	464, 588
133092	453
133093	453
133095	82
133105	29
133115#	535
133132#	237, 333
133138	103
133144#	541
133170	99
133179	99, 337
133185#	275
133188	21
133189#	312
133191	312
133192	321
133193	620
133194	620
133198	507
133199#	529
133201	370
133203	180
133235	205
133239	205
133242#	205
133243	422
133244	422
133245	422
133246	422
133249	281
133251#	299
133252	455
133253	529
133257	199
133259	205
133261	103
133262#	284
133263	426
133265	427
133277	296
133279	296
133280	451
133282	226
133283	226
133294	29
133319	516
133320	567
133321	567
133322	335, 575
133327	281
133343#	632, 291, 441
133344	631, 215, 441
133345	631, 215, 441
133348	632, 291, 442
133350	235
133351	526
133365	537
133366	537
133373	121
133374	121
133377	284
133379	567
133380	470, 481
133381	471
133383	467
133384	468
133385	469
133387	275
133396	164
133397	313
133401	25
133402	25
133404#	631, 349, 381
133406#	630, 471
133408	179
133409	398
133410	265
133415	388

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page
133417	390
133418	391
133429	344
133430	344
133431	344
133432	578
133433	578
133435	25
133444	21
133455	199, 275
133460	631, 442
133474	29
133491	558
133492	333, 567
133495	169, 620
133496	169, 620
133497	517
133499	279
133501	82
133504	178
133508	631, 234
133513	669, 232
133516	524
133517	631, 215
133518	164
133519	199
133523	669, 232
133524	669, 232
133525	227
133526	199
133527	226
133529	275
133537#	510
133539	428
133543	275
133544	275
133559	21
133560#	453
133581	495
133582	495
133584	630, 349
133585	451
133587	535
133589#	495
133597	666, 232
133598	666, 457
133610	179, 537
133612	266, 399
133623	631, 442
133624	632, 588
133626#	632, 588
133632	615
133641	639, 71
133648	556
133664	461
133665	264
133666#	264
133669	461
133672	208
133673	206
133674	194
133676	227
133677	230
133678	193
133679	233
133680	233
133685	632, 215
133687	345, 578
133688	631, 215
133689	529, 578
133690	631, 442
133691#	579
133692	631, 127, 349
133694	321
133696	474
133698	630, 292
133699	631, 292
133701#	438
133704	620
133705	620
133717	666
133727	279
133739	586
133741	579
133742	633, 589
133746#	414
133748	180
133752	638, 192
133756	426
133758	400
133760#	400
133761#	267
133763#	275
133781	95
133783	567
133784	359
133785	25
133789	333, 374
133799#	25
133802	353
133813	226, 296
133829#	239, 321
133837	239
133845	317
133846	37
133866	425
133867	507
133868	631, 442
133870	633, 127, 589
133872	199, 414
133874	125, 311
133875	125, 311, 392
133882	579
133883	441
133884#	441
133898	38
133900	38
133901	38
133902	39
133905	182
133906	39
133910	25
133915	228
133917	267
133920	314
133921	243
133922#	243
133923#	172
133924	484
133925	458
133926#	510
133927	486
133928	516
133929	508
133930	510
133931	510
133933	486
133934	486
133935	516
133936	630, 238, 292, 465, 511, 589
133941	633, 511
133945	635, 258, 514
133946	635, 514
133947	635, 514
133948	635, 258, 514
133951#	630, 255, 511
133952	631, 511
133956	333, 374
133962	451
133963	400
133965	666
133969#	535
133971	239, 321
133974	666
133980	438
133989	575
133993	82
133994	103
133995	103
133996	104
133997	104
133998	104
134001	104
134002	104
134003	104
134007	631, 173
134015	567
134022	39
134026	414
134027	428
134028	400
134033#	323
134036	323
134037	325
134038	327
134039	327
134046	12
134048	400
134074	264
134075	354
134076	520
134077	519
134082	39
134087	414
134088	248, 415
134097	12
134098	579
134101	320
134118	39
134124	39
134125	54
134126	39
134127	54
134128	39
134129	54
134133	54
134135	54
134137	39
134144	575
134159#	668
134273	635, 224
134276	638, 192, 273, 412
134277	638, 192, 273, 412
134278	192, 273, 412
134286	54
134290	153
134295	428
134297	254, 431
134303	39
134306	208
134309	54
134312	39
134313	39
134315	55
134316	55
134317	471
134321#	40
134322	55
134325#	630, 216
134326	152
134327	517
134332#	403
134335	40
134336	40
134337#	55, 325, 365
134341	104
134342	82
134343	495
134345	354
134352#	325, 365
134356#	325, 365
134357#	323, 362
134361#	235
134373	426
134374	228
134386#	284
134387	488
134388#	488
134389	490
134394	296
134395	225
134396	225
134397	40, 305
134398	40, 305
134400	55, 305
134414	318, 358
134415#	362
134417#	362
134419	362
134420	323, 362
134421#	325, 366

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
134422	325, 366	134687	82	134894	320	135138	180
134424	325, 366	134692	666	134900	41	135140	398
134426	362	134699	668	134911	104	135141	261
134428	492	134700	200	134914	668	135142#	261
134438	265	134706	41	134919	631, 589	135144	264
134443	40	134707	579	134920	631, 292	135145#	486
134447	200	134708	668	134928	576	135151	55
134451	348	134709	668	134931	666	135152	620
134475	461, 567	134710	21	134938	630, 127	135153	621
134481	669	134711	630, 292, 442	134943	630, 313	135156	41
134482	666, 457	134712	630, 216, 292, 442	134955	353	135158	276
134484	666	134716	666	134964	638, 67, 369	135159	41
134485	666	134717	422	134965	666	135160	41
134486	666	134718#	422	134968	261	135162	495
134487	666	134719	455	134969	267	135163	495
134488	667	134720	230	134975	558	135165	400
134489	666	134721#	230	134976	558	135169	605
134490	666, 301	134727	313, 386	134977	391	135170	556
134491	666	134731	37, 305	134979	156	135171	557
134492	536	134732	21	134996	300, 455	135172	25
134494	620	134750	495	134998	230	135173	179, 536
134495	620	134751	498	134999	300, 455	135174	101
134515	267	134753#	428	135000	300, 455	135178	630, 128
134518	632, 349	134754	415	135001#	231	135179	536
134519	620	134760	226, 352	135005	516	135182	323
134526	499	134761	82	135012	408	135183	323
134529	40	134764	668	135021	275	135184	323
134534	40	134766	668, 233	135022	276	135186	279
134535#	40	134767	193	135024	276	135194	576
134537	125	134768	668, 233, 457	135025	281	135199	669
134538	125, 381	134769	668	135026	281	135207	558
134541#	153	134770	668	135027	276	135211#	67, 650 638
134543	153	134774	67, 650, 638	135030	248, 415	135213	621
134544	154	134775	67, 327, 638	135032	248, 415	135215	428
134547	154	134776	666	135033	415	135216	638, 67
134551	157	134781	467	135034	415	135226	206
134552	73	134782	638, 369	135036#	284	135228	428
134554	73, 524	134783#	638, 369	135037	285	135229	435
134557	73	134792	638, 554	135038	285	135230	300, 455
134558	73	134793	586	135039	285	135231	335, 376
134560	73	134794	356	135040	285	135233	415
134565	29	134796	319, 358	135041	431	135237	72
134609	104	134797	602	135042	431	135239	73
134612	666	134802#	400	135043	208	135240	73
134613	667	134811	354	135046	168	135241	73
134633	666	134817	267	135049	320	135243	558
134636	40	134829	12	135054	265	135244	319, 358
134638	40	134831#	265	135057	630, 128, 589	135246	285
134656	520	134832#	265	135058	630, 311	135247	428
134657	460	134834	279	135061	67	135248#	428
134663	298	134845	345	135064	415	135249	431
134664	228	134846	345	135067	281	135250	209
134667	325	134847	345	135087	12	135252	435
134668	228	134858	200	135094	298	135258	209
134669	228	134860	632, 442	135112#	178	135260	431
134671	452	134861	307	135124	274	135262#	279
134672	298	134865	41	135129	297	135263	424
134676	638, 554	134870	502	135130	297	135264	424
134678	40	134871	55	135131	297	135267	441
134679	55	134872	41	135132	451	135268	228
134680	55	134873	55	135133#	452	135269	267
134684	631, 127	134874	41	135134	452	135270	400
134686	627	134877	279	135135	226	135272	630, 292, 442

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
135273	228, 452	135431	605	135584	632, 128	135838	175
135274	441	135433	605	135586	353	135839#	175
135275	280	135434	568	135594	630, 443	135849	394
135276	281	135436	558	135595	632, 443	135851	669
135277	298	135438	105	135597	353	135854	249
135278	579	135439	105	135602	168	135855	468
135280	438	135440	105	135603	167	135856	95
135281#	638, 192, 273, 412	135441#	632	135605	105, 378	135857	165
135283#	400	135442	74	135606	633, 128	135863	280
135286	226	135444	105	135607	74	135868#	21
135290	668	135446#	282	135608	71	135872	12
135295	226	135448	105	135609	106	135880	453
135296	473	135449	154	135611	486	135881	386
135298	536	135451	353	135612	41	135882	435
135305#	468	135453	297	135613	29	135887#	282
135307	469	135454	633, 349	135615#	29	135890	106
135311	452	135458#	632, 216	135616	29	135898	42
135312	452	135466	285	135617	30	135900	435
135314	635, 151	135469	668, 605	135619	360	135901	435
135315	179	135470	668, 605	135625	181	135904	30
135318	285	135494	579	135627	630, 216	135908	42
135319	154	135495	602	135628	631, 216	135922	400
135320	579	135498	666	135632	610	135934	42
135321	473	135502#	261	135634	668	135940	669
135322	473	135503	261	135642	669	135941	181, 321
135329#	25	135504	261	135659#	26	135942	352
135332	265	135505	261	135660	26	135943	352
135333	267	135506#	261	135661	200	135944	630, 129
135336	496	135508	557	135662	200	135946	490
135337	504	135509	156	135665	542	135947	42
135345#	301	135511	631, 349	135680	474	135948	431
135346#	298	135512	631, 589	135681	475	135949	175
135347	281	135513	461, 568	135682	475	135950#	175
135348	282	135514	603	135684	475	135952	401
135352	516	135518	579	135686#	473	135956	280
135356	633, 128	135519	631, 589	135690	473	135957	157
135357	666, 161	135520	631, 128, 589	135730	200	135965	42
135366	227	135524	517	135731	200	135966	538
135367	228	135528	105	135732	200	135967	194
135369	71	135529	633, 128	135734	200	135973	153
135371	453	135530	632, 589	135737	200	135981	352
135372	669	135531	632, 511	135742	631, 381	135986	42
135376	204	135533	538	135743	632, 443	135987	42
135378	466	135535#	473	135744	631, 589	135988	42
135379#	74	135536#	473	135745	633, 589	135990	30
135386	74	135540	473	135753#	300	135991#	42
135393	568	135543	354	135755#	164	135993	56
135398	74	135546	105	135757	285	135994	56
135399	666, 355	135547	496	135763	517	135996	22, 304
135407	72	135548	74	135776	631, 129	135997	22
135413	181	135549	105	135778	41	135998	37
135414	181	135550	633, 128	135779	41	136000	26
135415	209	135553	27	135780	55	136001	42
135416	209	135555	41	135787	538	136002	42, 183
135417	209	135556	55	135793	611	136006	56
135419	206	135561	631, 128	135795	612	136007#	71
135421	638, 67	135562	633, 128, 589	135797	82	136008	125
135424	632, 442	135564	370	135810	42	136009	159
135426	633, 128	135566	542	135811	56	136010	27
135427	579	135575	669	135814#	423	136011	27
135428	558	135578	353	135821	611	136012	154
135429	602	135579	669	135826#	261	136013	635, 161
135430	558	135582	169	135837	175	136014	669, 160

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
136015	71	136209	245, 252	136375	56	136575	408
136016	669, 160	136210	245, 252	136379#	403	136576	404
136017	98	136211	243	136384	56	136577	183
136018	161	136212	243	136387	12	136578	269
136019	161	136213	244	136390	43	136579	22
136021	56	136214	245	136393	404	136581	106
136027	301	136216	251	136394#	188	136583	458
136029	43	136217	259	136395	74	136584	559
136037	37	136218	260	136407	165	136585	559
136039	632, 443	136219	260	136419	404	136586#	602
136040	632, 590	136221	258	136420	43	136588	37
136041	632, 443	136222	250	136421	453	136589	353
136042	633, 292	136226	538	136423	378	136590#	353
136043#	56	136230	249	136431	667	136591	107
136045	125	136235	72	136432	374	136595	504
136046	154	136238	635, 224, 295, 450	136433	95	136596	493
136050	12	136239	183	136434	106	136599	500
136051	106	136240	353	136435	98	136601	632, 511
136057	195	136241	516	136440	57	136608	632, 217, 443
136059	195	136244	183	136441	43	136610	394
136060	195	136253	290, 621	136443	580	136611#	394
136061	195	136254	290, 621	136444	404	136612	321, 401, 538
136062	195	136258	532	136446	183	136616	175
136081	632, 216	136262	267	136448#	175	136617	175
136083	389	136264	354	136450#	269	136622	559
136091	388	136284	281	136451#	269	136630	666
136092	631, 392	136286	12	136452#	632, 173, 216	136644	605
136093	389	136291#	630, 216	136453	631, 173, 217	136649	249, 416
136096	631, 216	136292	43	136454#	632, 173, 217	136650	285
136097	56	136294	43	136457	333, 374	136661	605
136102#	630, 216	136295#	438	136458	345, 378	136662	559
136112	423	136296	492	136461	327, 638	136663	452
136114#	328	136300	152	136462	22	136665	669
136115#	235	136301#	238	136463	37	136666	345
136116	236	136302	156	136465	26	136674	318, 358
136117	630, 292	136303	213	136466#	12	136675	345, 379
136119#	559	136304#	301	136468	82	136676#	630, 443
136124	43	136305	243	136469	106	136678	125
136128#	318	136312	209	136471	632, 129	136681	666
136136	183	136324	345, 378	136474	157	136682	485
136137	183	136325	82	136478	57	136683	267
136138	269	136329	353	136482	106	136685	451
136147	188	136330#	438	136483	30	136686	451
136148	188	136331	301	136484	74	136687	451
136149	630, 292	136333	401	136485	106	136690	666
136150	633, 590	136335	183	136486	74	136691	667
136151	632, 129	136336	183	136490#	524	136699	154
136152	630, 216	136340	667	136497#	524	136700	633, 129
136153	633, 590	136343	579	136545	95	136702	30
136154	632, 590	136346	30	136546	461, 568	136703	107
136155	630, 292	136349	632, 590	136548	168	136704	633, 129
136156	630, 292	136350	632, 590	136549	415	136705	74
136157	631, 293	136351	633, 590	136550	453	136715	43
136159	631, 293	136352	238	136551	453	136718#	156
136160#	631, 293	136354#	56	136552	431	136726	430
136161	632, 129	136355	56	136554	82, 249	136727	200
136162	633, 129	136357	231	136555	82	136731	416
136168	524	136361	43	136556	252	136737	107
136177#	403	136362	56	136560#	404	136738	580
136178#	403	136364	630, 238, 465, 511	136563	188	136739	425
136185	267	136368#	403	136567#	188	136740	345, 379
136192	175	136372	106	136569	183	136741	209
136198	631, 590	136373	30	136571#	404	136742	568

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
136746#	352	136937	632, 590	137105	58	137248#	633, 130, 591
136747	488	136939	580	137111	44	137249	632, 130
136748	490	136941	631, 443	137112	58	137250	630, 130
136749	488	136942	568	137113#	44	137251	632, 130
136750	490	136943	580	137116	58	137252	632, 130
136751	408	136951#	178	137117	83	137253#	632, 130
136754#	183	136952	416	137118#	318	137254	632, 130
136758	188	136953	630, 443	137122	269	137255	632, 130
136764	602	136954#	630	137124#	271	137256	125
136767	299	136955#	630, 443	137125	271	137257	108
136772	74	136957	108	137126#	270	137258	108
136774#	43	136958	633, 590	137127	83	137259	108
136777	57	136959	632, 293	137128	520	137260	108
136778#	57	136961	632, 293	137129	520	137262	638, 67
136781	43	136965	568	137130	488	137263	638, 67
136782	43	136966	580	137131	490	137272	152
136799	44	136972	13	137132	483	137285	37
136800	13	136976	285	137139	44	137297	272
136807	152	136977	432	137144	75	137298#	270
136809	57	136978	432	137145	75	137311	58
136819#	13	136979	432	137146	75	137313	398
136821#	44	136981	426	137147	75	137315	265
136823	98	136982	319	137148	28	137316	58
136825	30	136984#	261	137149	28	137318	31
136826	107	136990	44	137152	95	137331	14
136828#	13	136991#	44	137153	153	137333	108
136829	22	136993	22	137154	666, 161	137335	318, 358
136830	30	136996	44	137164	580	137342	83
136831	107	136997	57	137177	669	137343	638, 67
136832	107	136999#	44	137182	416	137344	31
136833	74	137014	276	137183	83	137352	499
136834	159	137015#	285	137187	285	137354	388
136835	13	137019	44	137188	325	137355	388
136837	107	137030	108	137189	276	137356#	389
136838	107	137031	632, 590	137192	576	137357	390
136839	13	137034	166	137193	635, 515	137361	98
136841	30	137036	166	137194	635, 515	137366#	183
136842#	31	137038	666	137195	635, 515	137367#	188
136843	630, 129	137046	452	137196	635, 515	137369	630, 511
136847#	13	137048	252	137197	635, 515	137372	181
136848#	75	137051	182	137198	635, 515	137373	176
136849#	235	137052	486	137200	635, 515	137375#	209
136850#	235	137053	500	137201	621	137379#	68, 638, 650
136853	13	137054	517	137202	621	137380	108
136857	669, 160	137055	493	137207#	213, 438	137382	31
136859	633, 129	137056	633, 511	137209	453	137384	58
136860	75	137067	13	137210	299	137385	632, 130
136861	107	137068#	532	137211	228	137391	45
136873	297	137075	416	137216	159	137392	45
136874#	297	137076	432	137217	95	137393	630, 217
136880#	386	137077	432	137223	25	137394	178
136883	580	137082	404	137224	360	137395	204
136902	633, 349	137083	404	137227	314	137396	421
136903	320	137089	27	137228#	315	137397	421
136904	296	137090	71	137229#	315	137400	638, 68
136906	44	137095	633, 130	137236#	14	137406	83
136907	181	137096#	57	137237	14	137408	638, 68
136910	568	137098	57	137238#	22	137409	71
136911	164, 466, 479, 485	137100#	57	137239	14	137410	45
136913	44	137101	57	137241#	14	137411#	45
136918	57	137102	58	137245	156	137415#	394
136921	57	137103	58	137246	161	137417	394
136932	638, 554	137104#	58	137247	157	137420	272

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
137421	267	137578	586	137731	532	137991	59
137422	176	137580	532	137734	632, 131	137993	59
137424	188	137581	538	137735	264	137994	59
137425	184	137583	370	137736	666, 355	138000	59
137428#	270	137584	276	137749#	264	138007	666, 161
137430#	188	137585	279	137756	639, 555	138015	46
137431	184	137586#	272	137757	639, 555	138017	46
137432	189	137597	45	137761	559	138018	46
137433	631, 444	137598	46	137762	559	138019	46
137435#	404	137600	58	137768	398	138020	46
137436#	262	137605	633, 131	137769	179	138021	46
137437	401	137608	631, 131	137774	179	138022	46
137438	75	137642	14	137779#	265	138023	46
137445	75	137649#	189	137782	270	138024	46
137447	279	137650	630, 217	137785	405	138025	46
137449	184	137651	184	137787	15	138029	47
137450	75	137652	189	137789	366	138030	47
137451	184	137654	184	137794	323	138031	47
137452	635, 194	137655	632, 217	137799	176	138032	47
137460#	262	137656	189	137801	638, 192	138033	47
137461	638, 68	137658	630, 217	137803	669, 232	138034	542
137477	45	137659	189	137804	185	138035	15
137478	422	137660	184	137805#	189	138036#	15
137486	254, 435, 586	137661	184	137806#	185	138038	15
137489	575	137662	632, 217	137807	190	138039	15
137496	58	137664	195	137808#	190	138041	15
137497	638, 554	137665#	189	137817#	46	138044	15
137498	45	137666	630, 217	137818	631, 131	138045	22
137500	45	137667	178	137828	75	138046	408
137501	45	137670	195	137840	272	138048	15
137502	45	137671	209	137841	276	138049	508
137503	45	137674	189	137842	453	138051	559
137504	45	137675	195	137843	453	138052	483
137506	14	137676	184	137844	632, 444	138053	500
137507	108	137678#	189	137847	405	138054	31
137509	154	137679#	633, 217	137849	432	138055	31
137510	14	137680	189	137850#	395	138057	31
137511	14	137681	184	137851	395	138059	31
137512	14	137682	630, 217	137860	432	138060	31
137514	31	137683	184	137861	432	138061	31
137516	633, 131	137684	176	137863	195	138062	32
137519	488	137685#	184	137873	210	138063	630, 131
137522	603	137686	189	137874	210	138064	633, 131
137523	532	137687	195	137875#	210	138065	633, 131
137524	580	137688	189	137940	299	138066	633, 132
137525	458	137689	630, 218	137941	630, 293	138069	633, 132
137534#	31	137694	568	137943#	270	138070	632, 132
137535#	631, 131	137695	379	137945	559	138072	632, 132
137538#	532	137698	58	137946	559	138074	109
137551	630, 444	137699	631, 218	137958	631, 444	138075	109
137552	630, 444	137701	633, 591	137959	633, 218	138076	109
137553	631, 444	137702	633, 444	137960	632, 444	138077	109
137554	633, 444	137704	492	137962	630, 131	138078	109
137555	404	137705	492	137963	633, 444	138079	109
137556	404	137709#	272	137964	633, 444	138080	109
137557#	404	137716	401	137968	630, 218	138081	110
137560#	405	137717	666, 355	137969#	630, 218	138084	110
137562	394	137722#	22	137970	176	138086	68, 650, 638
137563	394	137723	95	137973	181	138087	638, 68
137565#	394	137724	109	137987	59	138088#	68, 650, 638
137571	265	137725	326	137988	59	138089	638, 68
137574	536	137726	109	137989	59	138090	638, 68
137575	638, 68	137730	666, 604	137990#	59	138091	638, 68

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
138092	151, 515	138244	638, 69	138454	321, 324, 360, 365	138679	205
138093	71	138245	638, 69	138456#	321, 324, 360, 365	138690#	262
138094	28	138248	71	138457#	321, 324, 360, 365	138693#	262
138095	75	138250	16	138463	633, 349, 381	138695	286
138097	75	138251	16	138473	326, 366	138696	488
138098	75	138258	611	138479#	270	138697	488
138099	76	138263	16	138481	268	138714#	280
138100#	76	138264	23	138482	631, 591	138715	262
138101	76	138267	32	138483	632, 591	138716	268
138102	76	138274	59	138488	542	138717	276
138103	76	138276	59	138489	547	138718	286
138104	76	138278	60	138490#	547	138719	282
138105#	76	138279	60	138491#	542	138720	633, 293
138108	83	138280	60	138492#	547	138721	270
138109	83	138281	632, 132	138493	542	138724	298
138110	83	138282	634, 140	138495	633, 132	138725	262
138115#	580	138287	83	138498	168	138726	268
138116	532	138288	110	138500#	559	138727	276
138121	669	138289	110	138501#	559	138729	282
138122	319	138292	95	138502	559	138730	181
138127	484	138293	95	138506	321, 324, 360, 365	138731#	280
138129	484	138294	98	138508	322, 324, 360, 365	138732	286
138130	669, 520	138296#	416	138521	23	138733	282
138131	516	138297	204	138571	176	138734	270
138139	83	138300	559	138572	177	138735	631, 293
138142	353, 385	138301	568	138573	177	138737#	262
138146	201	138302	539	138588	542	138738	268
138147	267	138303	581	138589	542	138740	276
138150#	262	138309	416	138590	543	138741	282
138153	268	138310	83	138592	158	138742	302
138157#	262	138339	630, 132	138593	468	138746#	262
138158#	262	138340	416	138596	581	138747	177
138162#	176	138356	370	138602	395	138748	185
138164	110	138369	669, 301	138603	401	138749	190
138165	110	138371	282	138604#	405	138750	666
138168	210	138372	630, 293	138614	282	138751#	666
138171	321, 324, 360, 364	138375	176	138615	286	138754	99, 172
138177	15	138376	379	138617	286	138756	95
138181	47	138377	346, 379	138622	395	138758	181
138182#	210	138379	438	138623	401	138759	152
138185	249	138387	498	138624	631, 445	138760	177
138188	268	138389	504	138625	405	138761	156
138190	286	138393	405	138626	456	138764#	270
138191	459	138394	408	138627#	405	138765	468
138192	190	138395	632, 445	138628	432	138771	483
138193	666, 604	138396	426	138629	454	138772	210
138194	456	138398#	395	138631#	416	138774	635, 151
138196#	395	138400#	395	138632	416	138775	27
138199	47	138401	395	138634	621	138777	60
138200	22	138403	395	138635	621	138778#	60
138203	634, 140	138413	398	138636	621	138779	60
138204	568	138414	195	138637	621	138780	60
138205	580	138416	176	138638	201	138781	60
138227	16	138421	536	138650#	366	138785	47
138228	16	138432	156	138657	631, 591	138786	632, 349, 382
138230	47	138433	666	138658	632, 445	138789	333, 374
138235	16	138435	638, 491	138662	201	138790	346, 379
138236	151, 601	138436	73	138663	249	138792	346, 379
138237	59	138438	179	138664	201	138795	333, 374
138239#	59	138439	266	138667	182	138796	336, 376
138240	638, 68	138440	266	138673#	507	138797	333, 374
138241	638, 69	138441	320, 359	138677	185	138798	375
138243	638, 69	138451	638, 69	138678	190	138799	323, 362

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
138800	346, 379	139036	48	139253	111	139412	633, 350, 382
138801	346, 379	139039#	459	139254	488	139416	666
138803	322	139040#	26	139258	48	139419	201
138805#	302	139041	32	139260#	16	139421	666
138807	634, 140, 174, 595	139042	32	139262	76	139422	666
138808	346	139043	417	139264	48	139427	436
138838	16	139044	84	139265	247	139433	23
138839	23	139045	510	139266	408	139435	158
138842#	16	139053	296	139268	201	139440	568
138844	16	139055	185	139269	436	139443	581
138845#	16	139080	190	139270#	185	139444	560
138852	328, 371	139082	603	139272	186	139445	560
138855	533	139095#	362	139275	272	139447	533
138868	455	139100	371	139279	48	139448	539
138869	456	139105	386	139280	61	139449	539
138870	405	139106	631, 349, 382	139281	634, 140	139451	605
138872	416	139109#	633, 350, 382	139282	154	139452	633, 511
138873	433	139110	417	139284#	488	139453	560
138879	493	139111	436	139296	61	139456	569
138890	167	139117	61	139300	32	139459	468
138891	371	139124	555	139301	48	139460	470
138892#	328	139125	555	139304	302	139461	470
138893	172, 433	139135	631, 350, 382	139308	630, 293	139462	560
138894	201	139136	632, 591	139309	630, 293	139464#	286
138895	530	139151	348	139310	632, 132	139465	318
138907	195	139162	185	139314	633, 350, 382	139467	496
138909	559	139163#	214	139316	632, 350, 382	139468	496, 569
138911	405	139170#	32	139321	324	139469	476
138912	456	139172#	286	139322	181	139472	581
138914	669	139178	185	139324	632, 445	139474	560
138921#	328	139179	185	139325	246	139475	569
138925	83	139180	185	139326	121	139479	603
138947	438	139182	185	139331	474	139480	560
138951	326, 366	139186	401	139333	28	139481	581
138961	425	139187	401	139334	84	139482	569
138973	632, 218	139188	401	139338	61	139483	581
138974#	426	139189	454	139345	630, 218	139484	560
138986	277	139190	454	139346	631, 445	139486	569
138990	528	139191	633, 445	139348#	632, 445	139491	186
138992	632, 132	139192#	405	139353	356, 386	139493#	633, 133
138993	60	139195	428	139354#	48	139513	307
138994#	47	139197	433	139355	48	139514	307
138995	60	139205	666	139363	167	139515	307
138997	60	139214	346, 379	139364	454	139517	309
138998	32	139215	333, 375	139367	169	139518	310
138999	84	139216	386	139368	166	139524	305
139000	47	139218	346, 380	139372#	170	139527#	17
139001	60	139219	632, 350, 382	139373	171	139531	328
139002	633, 132	139222	436	139375	170	139534	228
139003	76	139223#	170	139376	170	139543	405
139004	156	139226	185	139377#	170	139544	405
139005	99	139227	190	139379	170	139545	408
139007	154	139228	194	139381	669, 171	139561	666, 465
139010	32	139230	225	139382#	171	139562	666
139023	76	139239	194	139383	669, 171	139563	666
139024	47	139243#	630, 293	139384#	170	139571	111
139025	26	139245	638, 69	139386	171	139579	286
139026	27	139247	633, 132	139387	171	139580	280
139027	61	139248	630, 132	139389	669	139581	111
139028#	110	139249#	154	139390	168	139582	459, 553
139030	110	139250	154	139392	166	139583	526, 553
139031	76	139251	84	139402	483	139584	201
139035	547	139252	110	139405	23	139588	669

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page
139592	638, 69
139596	190
139617	168
139618	669
139621	638, 273
139622	371
139623	168
139624	669, 171
139632	336
139637	496
139651	333
139656	76
139666	631, 294
139667	417
139668	246, 252
139669	569
139681	312
139683	166
139684	167
139685	170
139686	167
139687	167
139689	417
139694#	535
139696	630, 133
139731	170
139732	171
139733	169
139734	167
139735#	167
139737	666, 171
139738	167
139739	166
139741	170
139742	166
139743	458
139745	48
139746	17
139747	638, 369
139748	370
139763	581
139790	263
139791	270
139793	272
139794	270
139795	270
139801	605
139802	606
139805	23
139806#	17
139809	76
139817#	406
139831#	601
139839	666
139854	84
139855	328, 371
139862	632, 255
139863	632, 350, 382
139864	630, 133
139865	371
139866	370
139867	353
139869	490
139872	84
139873	489
139875	493
139880#	318
139891#	186
139895	669
139907	635, 151
139909	48
139910	61
139915	111
139916	48
139917	61
139918	48
139919	61
139920	32
139921	111
139922	48
139923	61
139924	61
139925	84
139926	76
139927	161
139928	76
139929	72
139930	27
139931	635, 151
139932	633, 133
139933	84
139935	192
139936	193
139937	186
139939	111
139941	32
139943	632, 133
139944	111
139947	630, 445
139949	436
139950	406
139951	49
139952	327, 370
139956	322, 360
139963	387
139964	296
139966	638, 69
139968	638, 69
139970	633, 133
139971#	631, 133
139972#	49
139973	49
139974#	61
139975	61
139978	268
139980	277
139987#	406
139992	49
139993#	49
139994	62
139996	111
140005	614
140062	614
140068	614
140076	662, 642
140077	662, 642
140078	662, 642
140079	662, 642
140080	662, 642
140081	662, 642
140082	662, 642
140084	662, 642
140086	662, 642, 617
140087	662, 642
140088	662, 642, 617
140089	663, 642
140091	662, 642
140092	662, 642
140093	662, 642
140094	662, 642
140105	662, 643, 642, 123, 348
140115	663, 659, 508
140116	662, 648, 643, 642, 123, 311
140120	663, 659, 657, 656, 172, 254, 315, 348, 508
140131	664
140132	664
140133	664
140134	501
140135	501
140136	663, 660, 659, 290, 475, 508, 525
140159	662, 642
140161	337
140175	663, 642
140176	643, 123
140191	251
140197	663, 654, 665
140198	664, 654
140218	662, 642
140219	663, 642
140220	663, 642
140222	662, 646, 645, 642
140223	662, 646, 645, 642
140224	662, 664, 654, 642
140225	662, 653, 646, 642 641
140226	662, 646, 642, 641
140227	663, 646, 642
140228	664, 659, 509
140229	663, 509
140230	664, 661, 481
140231	662, 648, 439
140232	662, 648, 439
140233	662, 647, 290
140234	662, 649, 439
140235	662, 647, 290
140236	662, 645, 213
140237	662, 645, 653, 213
140239	662, 645, 653, 213
140240	663, 659, 657, 656, 172, 348, 509
140241	663, 659, 657, 656, 315, 509
140242	663, 660, 657, 654, 665
140243	664
140244	664
140245	664
140246#	664
140247	664
140263	662, 651, 643, 123, 587
140265	662, 648, 642, 381
140266	662, 648, 642, 439
140271	662, 642
140272	642
140273	662, 642
140274	663, 642
140275	663, 642
140275Z#	663
140276	663, 642
140277	642
140278	663, 642
140279	663, 642
140280	642
140281	663, 642
140282	663, 642
140283	663, 642
140284	662, 642
140285	662, 642
140286	662, 642
140287	663, 642
140288	663, 642
140289	663, 642
140290	663, 642
140292	663, 642
140293	663, 642
140294	663, 642
140296	662, 642
140297	642
140298	662, 642
140299	662, 642
140300	662, 642
140301	662, 642
140302	663, 642
140303#	642
140304#	663, 642
140342	282, 337
140343	283
140344	283
140350	423
140351	337, 423
140352	338, 423
140353	423
140354	338, 423
140365	206, 338, 423
140366	207
140367	207, 338
140368	207, 338
140369	207, 338
140370	207
140371	207, 338, 423
140372	207, 338
140375	663, 654, 665
140380	283, 338
140381	664, 657
140392	424
140394	642
140401	662, 651, 642, 587

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page
140411	662, 649, 439
140412	662, 649, 653
140417	662, 664, 649, 290, 439
140419	662, 649, 439
140420	662, 649, 439
140421	663, 660
140432	662, 649, 647, 440 641
140434	662, 649, 647, 290, 440
140437	338, 424
140438	72
140439	193
140441	662, 651, 645, 653, 213, 588
140442	663, 643, 642, 123
140443	662, 645, 213
140444	239, 338
140445	664, 661, 169
140446	664, 661, 169
140447	523
140457	664, 658, 657
140458	662, 642
140459	662, 642
140461	662, 645, 653, 214, 641
140462	662, 645, 664, 653, 214, 641
140468	663, 660, 658
140470	664, 660
140482	663, 654, 665
140483	663, 658
140490	664, 661, 471
140494	663, 654
140495	663, 665, 657
140503	663, 439
140504	642
140514	663, 658
140515	664, 122
140516	664, 663, 123, 311
140523	662, 642
140524	664
140569	662, 643, 653, 124, 641
140575	283
140576	424
140577	424
140588	662, 664, 649, 646, 440, 641
140589	662, 650, 440
140598	501
140599	501
140605	474
140606	474
140607	474
140608	664
140609	664
140610	664
140611	664
140612	664
140613	338
140616	664
140617	663, 654, 665
140619	663
140620	663, 656, 654
140630	662, 645, 214
140631	663, 642
140632	663, 642
140633	663, 642
140634	663, 642
140635	662, 642
140636	663, 642
140637	663, 642
140638	663, 642
140640#	663, 642
140642#	663, 642
140649	642
140650	664, 661
140651	664
140699	664
140700	664
140701	664
140702	664
140703#	664
140707	663, 643, 642, 653, 124, 311
140717	664, 654
140718	652
140719	652
140720	652, 664
140721	652
140722	652
140733	664, 654
140738	663, 658
140739	652
140744	283
140750	664, 660
140751	663, 660
140754	662, 664, 650, 653, 440, 641
140760	664, 661, 123
140761	664, 661, 123
140762	664, 661, 123
140767	663, 656
140768	663, 658, 656
140771	663, 660, 173, 254, 509
140772	663, 660, 315, 509
140773	663, 509
140783	662, 664, 650, 440
140784	662, 644, 642, 509
140789	652
140790	652
140791	652
140794	122
140795	122
140803	664, 661, 123
140807	663, 654
140809	172
140816	664, 662, 661, 123
140817	424
140818	283
140819	524
140820	524
140821	525
140839	662, 651, 641
140848	662, 642
140868	663, 650, 642
140874	641, 653
140876	663, 658
140877	652
140878	642
140879	663, 643, 642, 124, 440
140881	314
140882	663, 648, 642, 315
140883	663, 647, 642, 315
140886	663, 642
140887	663, 642
140889#	663, 642
140891#	663, 642
140893	662, 642
140895	339
140900	662, 642
140901	664, 665, 122
140902	663, 665, 122
140903	663, 655
140904	663, 655
140910	72, 664
140912	501
140913#	652, 664
140914	377
140917	663, 643, 642, 124
140919	663, 659
140920	663, 658, 656
140923	339
140924	501
140925	501
140926	501
140935	663, 655, 935
140936	662, 642
140951	474
140957	662, 643, 652, 641
140960	662, 646, 653, 214
140968#	664, 661
140971	663, 655
140972	664, 657, 655
140989	662, 664, 647, 290
141001	663, 659
141002	662, 646, 644, 509
141006	576
141007	663, 655
141009	662, 650
141012	662, 650, 647, 653, 290, 641
141015	663, 655
141019	664, 471
141024	652
141026	662, 646, 254
141029	164
141033	501
141034	652
141035	652
141038	662, 650
141039	663, 656, 65
141040	664, 655
141042#	663, 656
141044	664, 661, 169
141054	663, 655
141057	642
141058	642
141059	642
141062	662, 647, 291
141065	664, 658
141066	652
141071	662, 648, 642, 381, 641
141084	664, 655
141085	501
141086	663, 656
141090	663, 658
141103	662, 647, 653, 291, 641
141107	662, 646, 254
141111	663, 509
141116	652
141166	663, 650
141168	663, 659
141169	501
141170	501
141171	251
141172	251
141173	251
141174	251
141175	251
141176	251
141177	314
141178	314
141179	480
141180	480
141181	662, 650
141192	576
141195	502
141199	662, 651, 477, 641
141209	663, 657
141219	663, 657, 348
141225	664, 659
141229	251
141232	662, 643, 653, 124, 641
141233	662, 647, 644, 124, 291
141236	662, 650, 440
141239	424
141247	663, 660
141254	663, 650
141255	663, 650
141256	663, 655
141263	663
141265	662
141268	663, 122
141269	664, 122
141272	663, 440
141275#	664, 661
142001	664, 655
142003	664, 659
142005	663, 651, 440
142016	662, 214
142019	664, 656
142021	663, 651, 644
142042	252
142055	644

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page
142062	663
142065	663, 656
142074	122
142075	213, 664
142268	662, 641
142269	662, 641
142270	662, 653
142271	662, 641
142272	641
142273	663, 653
142274	663, 641
142275	663, 653
142276	662, 641
142277	653
142278	662, 641
142279	641
142280	662, 641, 653
142281	663, 653
142282	641
142283	663, 653
142284	663, 653
142285	662, 641
142286	662, 641
142288	662, 641
142289	663, 653
142290	641
142291	663, 653
142292	662, 653
142296	662, 641
142297	653
142298	663, 653
142299	662, 641
142300	663, 653
142301	662, 641
142303	662, 123, 641
142304	663, 653
142305	662, 653
142307	662, 653
142311	662, 653
142312	651, 588
142313	662, 651, 646, 441
142314	662, 658, 647, 291
142315	663, 644, 642, 124
142317	662, 651, 441
142318	662, 644, 124
142319*	663, 644, 642, 124
142321	99, 339
142322	99, 309, 339
142323	99
142329	99
142330	99, 339, 390
142341*	99
142342*	100, 391
142343*	100
190259	157
190725	354
190726	354
190762	157
190806	668, 297
190807	668
190808	668
190809	668
190810	668
190811	668
190812	668
190813	668
190815	668
190816	668
190817	668
190818	668, 297
190819	668
190820	668, 227, 298
190821	668
190822	668
190823	668
190824	668
190826	668
190828	668
191292	158
191298	180
191299	266
191307	160, 232, 300, 520
191339	668
191340	668
191341	668
191342	668
191344	668
191345	668
191346	668
191347	668
191348	668
191349	668
191350	668
191351	668
191352	668
191353	668
191354	668
191355	668
191356	668
191357	668
191358	668, 298
191430	668
191434	668
191442	668
191489	668, 298
191490	668
191528	158, 231, 300
191532	668
191539	231
191582	158
191584	158, 300, 455, 518
191585	158, 231, 455
191586	159, 165, 231, 456
191646	668
191648	668
191657	27, 180, 244, 266
191801	627
191805	627
191855	627
192584#	627
192591	170, 259
192592	170
192902	98, 250
200618	627
200745	665
200746	665
200747	665
200748	665
200749	665
210050	636
210051	636
210843	636, 152, 225, 295, 385, 392, 450, 516, 601
210873	636, 385
210877	636
210909	636, 152, 516, 601
210948	636, 225, 295, 385, 393, 450, 601
211081	636
211129	636
211130	636
211131	636
211132	636
211133	636
211134	636
211135	636
211136	637
211137	637
211138	637
211139	637
211140	637
211141	637
211142	637
211143	637
211144	637
211145	637
211146	637
211147	637
211148	637
211149	637
211150	637
211151	637
211152	637
230000	210
230002	406
230003	417
230006	96
230007	96
230008#	632, 511
230009	49
230014	282
230026	485
230027	485
230030#	406
230031	581
230033	299
230034	299
230036	299
230037	630, 445
230039	406
230041	429
230042	417
230043	417
230045	396
230046	433
230049	228
230055	263
230063#	263
230064	272
230065	249
230066	249
230067	259
230068	259
230069	245
230070	258
230071	260
230072	260
230074	168
230075	111
230079	638, 69
230083	634, 141
230084	388
230085#	391
230090	536
230092	112
230093	112
230094	286
230101	535
230117	49
230119	346, 380
230121	633, 133
230123#	32
230124	112
230125	77
230128#	263
230129#	263
230130	268
230131#	272
230136	450
230137	396
230138	401
230139	631, 445
230140#	396
230142	632, 350, 382
230147	666
230149	163
230150	609
230151	609
230156	190
230160	474
230163#	396
230165	206
230166	206
230169	62
230172	49
230173	112
230174	112
230176	49
230177	632, 133, 350, 382
230178	77
230179	112
230181	32
230183	33
230184	77
230200	84
230211	272
230212	409
230213	543
230215	409
230216	409
230220#	650, 638

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page
230223	362
230224	362
230225	363
230226	363
230227	363
230228	363
230234#	33
230235	77
230236	49
230237	62
230238	190
230239	633, 133
230240	632, 133
230241	112
230242	112
230245	155
230251	152
230255	533
230256	535
230259	85
230260	417
230261	429
230272	539
230281	305
230282	302
230283	334
230284	49
230288	633, 591
230289	630, 294
230290	633, 350, 382
230292	634, 141
230293	634, 141, 294, 392, 595
230296	634, 141
230297	634, 595
230298	186
230299#	186
230301#	190
230302	634, 141, 595
230303	635, 141
230304	634, 141
230305	634, 141, 595
230306	634, 141
230307	634, 142, 514
230308#	635, 256, 448
230309	634, 142, 392, 448
230311	635, 142
230313	635, 351, 384
230314	634, 220
230315	634, 142
230321	226
230335	669
230357	17
230358#	112
230360	113
230361	113
230367	669
230372	371
230374	113
230375	348
230376	666
230377	666
230378	666
230379	666
230380#	666
230381	666
230382#	666
230403	299
230404	299
230421	259, 518
230422	508
230423	601
230432	537
230433	277
230447	667
230448	669
230450	49
230455	85
230467	268
230468	263
230470	190
230474	380
230475	632, 133
230478	287
230481	268
230483#	272
230484	272
230486	533
230490	398
230491#	398
230492#	265
230493#	265
230494	196
230495	186
230496	191
230502	417
230504	630, 446
230505	630, 446
230506	630, 218
230507	631, 218
230508	638, 69
230509	50
230510	62
230511	113
230519	634, 142
230520	635, 142
230521	635, 294
230522	634, 595
230523	634, 595
230524	634, 596
230525	635, 221
230526	634, 514
230527	634, 477
230530	631, 218
230531	633, 511
230534	633, 255, 446
230535	630, 255, 512
230537	371
230563	33
230572	186
230589	314
230590	156
230591	314
230593	433
230600	62
230601	159
230611	162
230614	113
230620	33
230621	33
230622	113
230623	62
230624	85
230625	227
230626	227
230634	666
230640	113
230643	433
230644#	406
230646#	409
230651	396
230652	396
230653	402
230656#	396
230657#	396
230658#	396
230660	433
230662	287
230663#	271
230669	196
230670	191
230671	210
230673	669, 160
230674	363
230675#	409
230676	560
230677	371
230681#	500
230683	206
230684	521
230686	569
230693#	62
230694	227
230695#	178
230699	159
230700	33
230704	62
230706	158
230716	193
230718	632, 512
230719	630, 134
230720	633, 294
230722	535
230723	62
230725#	62
230728#	156
230729	113
230731	158, 455
230732	159
230735	62
230736	33
230737	50
230738	62
230748	406
230749	409
230750	409
230754	156
230755	157
230756	371
230759	669
230765	63
230766	402
230767	406
230768	406
230769	409
230774	125
230775	113
230776	33
230777	159
230782	114
230783	114
230790	334, 375
230791	630, 446
230792	631, 446
230794	631, 591
230800	334, 375
230812#	322, 324, 360, 365
230822	635, 27
230824	403
230826#	632, 512
230842	253
230849	17
230858	554
230860	228
230861	231
230862	186
230864	268
230865	287
230869#	263
230870	253
230873	406
230875	490
230876	273
230877	490
230879	491
230884	436
230885	417
230886	406
230887#	263
230888	263
230889#	273
230892#	263
230893	177
230901	601
230902	233
230906	553
230907	193
230908	181
230910	638, 69
230915#	498
230916	489
230917	489
230918	489
230922	489
230925#	489
230927	489
230932	489
230933	489
230939#	491
230943	560
230944	569
230946	409

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
230947	543	231076#	397	231242	366	231397	303
230948	371	231077	280	231243	366	231398	632, 383
230949	371	231078	280	231247	50	231400	459
230951	402	231079	254, 436	231248	196	231401#	409
230952#	630	231081	287	231249	196	231402	225
230953	632, 446	231090	155	231250	17	231403	625
230954	633, 218	231091	28	231252	159	231404	625
230955	630, 294	231092	633, 134	231253	50	231405	621
230956	633, 134	231094	560	231254	63	231406	625
230957	631, 446	231095	560	231255	33	231407	625
230958	632, 446	231096	560	231256	17	231408	625
230959	631, 218	231097	561	231257	638, 70	231409	625
230960	630, 219	231098	548	231258	632, 134	231410	621
230962	166	231099	548	231261	63	231411	625
230965	177	231100	328, 561	231266	181	231412	625
230968	63	231101	548	231270#	17	231418#	296
230971	33	231103	569	231279	80	231419	296
230972	50	231108	630, 294	231280	23	231421	461
230973	63	231109	631, 219	231281	50	231423	436
230974	77	231110	632, 134	231282	125	231425	569
230975	71	231111	633, 311	231283	632, 219	231426	582
230977	632, 134	231112	633, 446	231284	632, 447	231428	633, 134
230978	17	231113	632, 446	231294#	533	231430	372
230979	23	231114	631, 294	231295#	533	231431	385
230980	17	231118	114	231296#	533	231432	361
230981	33	231119	633, 446	231301	633, 350, 383	231433#	548
230983	504	231124	50	231306	300	231434	548
230985	417	231128	50	231309	638, 192	231436	466
230988	114	231129#	63	231310	230	231438	352, 450
230989	547	231130	85	231313#	450	231439	450
230990	418	231131#	397	231316	454	231440	271
230991	631, 294	231136	369	231324	366	231441	632, 134
230994	85	231137	369	231326	326, 367	231442	287
230995	635, 224	231151	418	231331	666	231443	271
230996#	193	231156	63	231332	633, 255	231447	492
230997	231	231165	77	231335	402	231448	492
231002#	396	231166	581	231337	409	231450	618
231010#	322, 324, 360, 365	231168	77	231338	407	231451	114
231016	50	231170	162	231339	429	231452	601
231017	63	231171	50	231340	601	231453	173
231025	347, 380	231181	177	231342	326, 367	231462	201
231026	380	231183	496	231344	114	231469	608
231034	625	231184	496	231346	500	231470	608
231035	625	231185	496	231350	236, 554	231472	310
231038	322, 325, 361, 365	231187	561	231352	635, 352	231473	303
231044	307	231188	77	231353	356, 387	231474	304
231045	307	231197	201	231355	300	231475	306
231048	306	231200	504	231356	268	231484	306
231049	306	231207#	533	231359	521	231485	347
231050	310	231212	608	231360	521	231491	361
231051	305	231218	114	231361	508	231492	451
231052	305	231221#	407	231363	310	231494	412
231053	304	231230#	191	231368	536	231496	324
231060	205	231231	225	231370#	194	231497#	326
231061	504	231232	186	231372	231	231498#	326
231062	504	231233	186	231373	231	231499#	454
231063	298	231234	191	231375	630, 219	231500	456
231064	298	231235	196	231376	630, 219	231501	456
231066	318	231236	210	231379	297	231506#	635, 225
231067	50	231237	85	231381	602	231507#	194
231069	63	231239	371	231385	372	231508#	179
231070	17	231240	326, 366	231391	667	231509#	214
231075	418	231241	366	231396	582	231510	418

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
231512	539	231629	231	231827	370	232069	505
231513	533	231632	633, 383	231831	245	232070	505
231514	182	231634	632, 591	231832	548	232073	287
231515#	186	231635#	632, 134	231834#	407	232074#	277, 496
231516	233	231636	633, 591	231836	543	232079#	632
231517#	193	231637#	17	231842	548	232080	630, 512
231518	193	231639	229	231843#	225	232081#	630, 512
231519#	291	231640	229	231844	602	232083	631, 255
231520	638, 192	231641#	187	231845	606	232084	630, 512
231521#	271	231643	115	231846	632, 591	232085	630, 512
231522	457	231662	18	231850	328	232087	632, 512
231523	96	231663	569	231851	561	232095	633, 512
231524	114	231664#	214	231857	632, 591	232096#	633
231532	245, 402	231665#	177	231859	226	232097#	632, 512
231533	277	231666	635, 610	231862	389	232098	633, 512
231534	277	231670	622	231864	555	232103#	631, 481, 512
231538	363	231671	631, 447	231865	555	232105	630, 513
231539	543	231672	632, 447	231867	557	232108#	631, 513
231541	548	231675	630, 465	231868	557	232109	631, 255, 513,
231542	543	231676	180	231869	557	232110#	630, 513
231543	326	231682	18	231870	381	232111	631, 513
231544	548	231698	372	231871	381	232112#	633, 513
231545	50	231700	372	231883	533	232114	633, 255, 513
231546#	409	231701#	51	231889#	410	232115	633, 255, 513
231547	410	231702	63	231891	666	232116	633, 513
231548	410	231703	155	231893	230	232117	631, 481, 513
231549	410	231713	33	231902	608	232118#	631, 481, 513
231550	372	231714	115	231903	548	232119	630, 255
231551	214	231715	632, 134	231905	372	232121#	631, 256
231554	287	231716	85	231933	561	232122#	630
231555#	196	231719	63	231934	18	232123#	631
231557	555	231721	391	231935#	543	232124	631, 256
231560	638, 70	231722	388	231937	548	232126#	632
231561	160	231723	632, 392	231939	489	232131	633, 256
231564	27	231724	389	231940#	407	232132	633, 256
231566	302	231725	389, 391	231942	543	232133	633, 256
231567	399	231726	287	231943#	543	232137	633, 256
231568	397	231736	464, 582	231973	632, 134	232138	633, 256
231570	608	231753	64	231974	296	232139	633, 256
231573	669	231754	18	231986	263	232142#	631, 256
231578	622	231755	126	231989	115	232148	630, 351
231579	622	231757#	64	231991	372	232151	631, 610
231584	634, 596	231758	85	231992	326, 367	232155#	633, 447
231586	51	231759	34	231993	367	232156#	633
231589	37	231760#	51	231994	363	232160#	630, 471, 481
231590	114	231761#	64	232040	23	232164	633, 219
231591	499	231762	505	232042	569	232165	633, 219
231592	115	231763	247	232043	575	232167	630, 481, 513
231594	63	231768	229	232044	582	232168	631, 482
231595	51	231769	191	232045#	602	232169	635, 515
231602	635, 225	231777	426	232046	500	232170#	635, 515
231604#	187	231778	51	232049	492	232171	635, 151
231605	229	231785#	187	232051	518	232174	259
231606	229	231786	229	232055	355	232175	372
231607	229	231787	196	232056	320, 359	232177	77
231608	153	231794#	77	232057	385	232178	77
231613#	279	231796	496	232058	387	232179	77
231616	269	231797	505	232059	327, 369	232180	77
231617	269	231798	631, 383	232060	327, 369	232192	77
231618	269	231799	34	232061	328, 370	232193	85
231619#	302	231812	372	232062	356, 387	232198	18
231620	271	231814	155	232063	638, 327, 369	232199	582
231622#	277	231824	554	232068	505	232205	543

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
232206	548	232426	490	232714#	521	233089	121
232207	543	232427	451	232717	521	233100	122
232208#	407	232428	606	232718	521	233107	245
232209#	410	232431	78	232719	522	233111	246
232210	78	232432	666, 161, 355	232732#	493	233113	255, 510
232212	603	232433#	667	232734	274, 492	233114	487
232213	603	232434	666	232736	492	233116	245
232215	603	232443	277	232737	638, 491	233117	96
232231	410	232446#	544	232742	638, 491	233118	485
232232#	451	232447	549	232745	638, 491	233119	522
232233#	263	232456	206	232749#	635, 515	233126	326
232234#	64	232457	78	232754	493	233127	544
232235	18	232462	372	232755	522	233128	187
232236	489	232463	372	232757	522	233129	273
232256	489	232464	454	232760#	522	233131	544
232259	490	232465	386	232761	522	233132	630, 135
232265	402	232473	211	232763	247, 492	233154	518
232278	491	232479	51	232766	533	233185	243
232285#	491	232597	667	232772	254	233186	243
232291	491	232600	291	232776#	627	233187	243
232293	491	232601	121	232778	300, 455	233191	244
232294	72	232602	121	232779	229	233192	244
232295	536	232603#	121	232780	229	233194	505
232302	493	232605	561	232782	229	233195	505
232306	500	232606	429	232784#	229	233200	507
232309	66	232607	422	232785	361	233203#	497
232310	606	232608	422	232786	402	233204	497
232328	245	232609#	422	232788	194	233206	522
232333	632, 592	232624	634, 142, 596	232789	194	233207	246, 253
232334	633, 447	232628	433	232790	194	233208	246, 253
232335#	134, 592	232629	233	232792	196	233209	246, 253
232336#	633, 351, 383	232630	213	232793	196	233210	246, 253
232337#	632, 351, 383	232631	213	232798#	487	233216	633, 135
232339	633, 351, 383	232635	493	232799	487	233219	315
232340	632, 351, 383	232636	336, 376	232801	487	233220	459
232341#	631, 592	232637	518	232802	487	233224	314
232342#	632, 351	232639	518	232803	483	233228	315
232345	633, 592	232640	518	232804	487	233232	249
232347#	632, 219	232643	259	232805	488	233233	249
232348#	632, 135	232645#	635, 316	232806	487	233235	266
232349	633, 592	232646#	516	232811	485	233241	470
232351	630, 465	232648	516	232813	483	233242	470
232352	633, 592	232649	516	232818	483	233246	211
232353	632, 592	232654	517	232820	483	233251	497
232354	630, 447	232656	517	232821	484	233254#	282
232355	632, 592	232657	517	232822	484	233258#	316
232356	630, 135	232659	517	232823	484	233259#	316
232357	631, 592	232664	496	232833	78	233260	316
232359	632, 592	232665	497	232850	561	233262#	152
232376	246	232668	505	232852	561	233264#	316
232377	246	232669	638, 247, 273	232854	304	233270#	316
232378	246	232681#	508	232855	669	233276#	638, 314
232388	187	232682	502, 508	232962	570	233281	485
232401	485	232686	518	232992	519	233289#	254
232408	467, 479	232687	521	233046	666	233293#	252
232410	467, 479	232689	499	233048	666	233299	299
232413	496	232695	517	233049	666	233300	299
232414	249	232703	507	233050	667	233301	157
232415	249	232706	517	233051	667	233302#	299
232422	548	232707	507	233052#	667	233303	299
232423#	271	232709	521	233053	667	233305	452
232424	549	232711	521	233057	666	233306	452
232425	543	232712	521	233084	666	233307	452

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
233312	247	233428	519	233549#	187	233696	314
233313#	638, 247	233430	519	233556	51	233699	539
233315	244	233431	519	233557	34	233700	18
233319#	549	233432	519	233558#	64	233702	247, 306
233320#	265	233433	519	233559#	64	233704	187
233321	18	233434	520	233560	52	233705	288
233322#	544	233435	520	233561	116	233707	191
233323	271	233440	556	233562	34	233710	367
233329	274	233443	624	233563	162	233712	666, 311
233330	233	233444	624	233566#	64	233713	539
233334	438	233445	624	233567#	52	233717	18
233336	51	233446	624	233568	86	233718	116
233338	638, 412	233447	582	233569	638, 70	233721	78
233339	354, 385	233448	522	233574	638, 70	233724	52
233340	457	233449	500	233575	78	233725	78
233341	635, 450	233463#	544	233587	86	233727	52
233344	322, 361	233464#	544	233588	78	233729	86
233345	622	233465	115	233590	634, 596	233731	390
233346	622	233466	51	233591	669	233735	524
233347	622	233467	115	233593	586	233738	497
233348	622	233468	51	233594	561	233741	390
233349	622	233469	115	233597	633, 135	233744	522
233350	622	233470	34	233598	361	233745	418
233352	622	233471	18	233599	666	233746#	253
233353#	622	233473#	34	233604	291	233748	433
233354	625	233474	64	233605#	271	233751	233
233355	622	233478#	51	233606	287	233752#	549
233356	623	233479	78	233607	269	233759#	264
233357	623	233483	433	233610	631, 447	233761	397
233358	623	233484	582	233612#	407	233763	34
233359#	623	233489#	291	233614	582	233768	264
233361#	623	233493	524	233615	549	233769	363
233362	623	233498	536	233618	630, 311	233770	157
233363	623	233500	372	233620	287	233772	561
233364#	623	233502	611	233622	616	233773	402
233365#	623	233505#	407	233623	616	233774	86
233366	623	233506	64	233624	497	233775	250
233367	623	233507	633, 135	233625	616	233777#	421
233368	623	233508	85	233632	96	233778	116
233369	624	233509	51	233633	570	233780	116
233371#	115	233511	254, 433	233634	334, 375	233781	544
233372	85	233512#	287	233635	334, 375	233782#	65
233373#	468, 479	233514	287	233636	334, 375	233783	549
233379	421	233515	436	233639	288	233784	544
233380	403	233517	201	233640	462, 468	233787	399
233381#	407	233518	254, 436	233643	171	233790#	290
233384	410	233520	549	233644	170	233791	603
233385	410	233521	410	233645	171	233792	347, 380
233386	410	233522	407	233646	23	233793#	153
233390	484	233523	64	233647	52	233798	245
233391	487	233524	115	233648	64	233799	549
233392	490	233526	18	233650#	64	233800	544
233394	507	233530	634, 142	233651	437	233803	544
233399	549	233534	380	233652	561	233804	363
233404	244	233536#	631, 514	233653	78	233805#	549
233409	247	233537	633, 294	233654	561	233806	544
233410	493	233538	633, 447	233655	561	233807	544
233414	508	233539	372	233657	635, 142, 256	233808#	407
233422	518	233540	561	233658#	638, 554	233809#	410
233423	508	233543	506	233662#	52	233810	410
233425	519	233544	506	233681	520	233817	298
233426#	519	233545	669	233682	502	233821	162
233427	519	233548	191	233690	233	233822	556

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
233823	454	234011	603	234169	634, 143	234329	411
233824	372	234012	586	234170	163	234331	386
233825	386	234013	586	234173#	549	234333	116
233826	510	234014	604	234174	411	234334#	411
233847	634, 596	234015	604	234175	411	234336#	367
233848	633, 592	234016	633, 136	234176#	326, 367	234337	491
233849	633, 135	234017	126, 588	234177	550	234341	484
233850#	633, 135	234018	606	234178	407	234343	487
233851	437	234019	631, 219	234179#	545	234345	539
233854	19	234024	247	234180	545	234347	162
233855	155	234025	630, 219	234181#	187	234350	625
233860#	355, 386	234026	633, 136	234182	52	234351	626
233863	19	234027	288	234183	545	234353	635, 151
233864	86	234028	631, 447	234184#	312	234354	633, 136
233865	630, 135	234029	631, 447	234189#	407	234355	65
233866	78	234030	65	234200	635, 225, 352	234356	37
233870	65	234031	52	234201	635, 352	234357	116
233874	298	234032	162	234202	355	234358	411
233888	211	234033#	65	234203	363	234360#	65
233893	279	234035	604	234222	550	234361	19
233899	246, 367	234039	633, 592	234224	545	234362	72
233908#	549	234041	369	234226	367	234363	635, 151
233911	602	234044	603	234228	78	234364	34
233912	412	234055#	180	234229	570	234365	632, 136
233915	477	234056	634, 143	234232	562	234366	632, 136
233916	630, 135	234057	65	234235	79	234377	633, 593
233919	122	234058	494	234250#	609	234379	52
233920	638, 70	234060	498	234251	609	234380	408
233923	116	234061#	300	234252	570	234381#	411
233924	19	234063	168	234264	302	234399	466
233926	34	234064	229	234265	638, 70	234401	634, 257
233931	497	234066	493	234272	164	234407	609
233935	172	234067	500	234273	277	234408	609
233936	485	234068	497	234274	277	234409	609
233937	244	234069	454	234275#	524	234410	609
233938	244	234074	397	234276	277	234411	609
233939	52	234076	164, 166	234277	288	234412	609
233940	633, 135	234091	202	234278	291	234413	610
233944	631, 219	234094	398	234279	545	234414	610
233957	539	234095	19	234280	545	234415	367
233958	545	234096	630, 447	234282	327, 367	234416#	327, 367
233963	545	234105	402	234283	367	234417	610
233971	633, 136	234109	373	234286	570	234418	610
233972	78	234110	454	234289	277	234422	355, 386
233973	24	234111	562	234290	534	234423	19
233975	497	234112	96	234298	522	234424	116
233977	609	234115	570	234303	609	234425	52
233985	667	234116#	633, 447	234304	421	234429	373
233986#	631, 136	234123	633, 219	234305	437	234430	373
233987	542	234127	634, 143	234306	497	234431	373
233989	634, 295	234130	534	234307	505	234432	550
233990	635, 221	234131	78	234308	500	234433#	545
233995	70	234132#	397	234309	418	234436	271
233999	162	234134	169	234310	437	234442#	388
234001	70	234137	27, 166	234311	278	234443#	388
234002	70	234146	557	234312	288	234444	391
234004	635, 352	234147	312	234313	418	234448	390
234005	355	234148	562	234314	278	234463	151
234006	355	234150	78	234315	288	234464	122
234007	355	234155#	633, 448	234324	250, 608	234477	510
234008	586	234164	250	234326	570	234478	259
234009	586	234165	250	234327	373	234480	390
234010	586	234167#	163	234328	562	234489	179, 537

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
234490	348	234623	535	234744	334	234886	157
234494	327, 550	234625	632, 351, 383	234745	347	234894	546
234496	550	234626	632, 256	234747	271	234897	631, 448
234499	315	234627	632, 351, 383	234748	65	234898	322, 325, 361, 365
234500	423	234628	359	234749#	273	234907	37
234501	230	234629	429	234750	562	234909#	289
234511	259	234630	86	234751	329	234910	247
234512	260	234631	418	234752	562	234912	390
234513	259	234632	429	234753	562	234913#	630, 220
234521#	65	234633	327, 367	234755	562	234928#	389
234522	96	234634#	550	234756	562	234929#	389
234523	24	234635#	397	234759	79	234930	239, 337
234524	37	234638	187, 363	234760	493	234932	491
234525	65	234639	368	234761	562	234933	368
234526	52	234640	230	234762	562	234937	307
234527	79	234641	454	234763	312	234938	303
234528	34	234643#	433	234765	373	234939	305
234529	53	234645	250	234769	79	234940	310
234530	65	234646	288	234770	86	234941	667, 604
234533	570	234647	434	234771	86	234948	304
234538	191	234648	307	234772	247	234949#	306
234540	632, 593	234651	539	234775	116	234950	310
234541	418	234652#	534	234776#	19	234951	635, 392
234546	476	234653	582	234777	630, 351	234953	117
234547	34	234654	570	234779	86	234954#	602
234548	402	234656	19	234780	34	234955	306
234549	79	234658	79	234781	35	234958	380
234557	202, 375	234659	490, 545	234782	116	234959	290
234561	550	234660#	79	234783	96	234961	571
234562#	408	234666#	542	234784	35	234962#	387
234563	550	234667	500	234792	116	234963	302
234564	550	234669	667, 161	234793	635, 143, 596	234964	35
234565#	411	234671#	126	234794	634, 596	234965	606
234566	187	234672	630, 136	234795	634, 634, 143, 596	234966	562
234567	545	234674	542	234796	634, 143	234968	633, 136
234569	634, 596	234675	635, 143	234809	288	234975	411
234572	456	234696	389	234814	434	234978	540
234573	556	234697#	632, 392	234815	245	234979	546
234574	556	234699	562	234816	361	234981	534
234575	638, 412	234700	437	234818	570	234982	571
234576#	288	234701	279	234820	571	234983	563
234577	288	234702	434	234821	562	234990	546
234585	469	234703	550	234822	562	234993	633, 593
234586	388	234707	246	234823	539	234994	632, 593
234587	388	234709	537	234824	540	234999	474
234591#	390	234710	28, 526, 537	234825	638, 274	235000	278
234596	391	234713	638, 554	234827	434	235007	624
234597#	389	234714	369	234828	288	235009	550
234600#	389	234716	258	234829	288	235010	363
234601	389	234717	399, 485, 537	234833	387	235011#	546
234602	633, 136	234725	258	234834#	35	235012	551
234606	545	234726	258	234835	638, 554	235013	551
234607	550	234727	230	234836	274	235015	546
234612	278	234728	393	234837	302	235016	302
234614	259	234729	269	234839	117	235017	602
234615	604	234730	368	234843	632, 383	235018	393
234616	604	234731	202	234849	296	235019	253
234617	604	234732#	202	234852	319	235021	363
234618	322, 539	234736	626	234854	610	235022	635, 258
234619	318, 534	234737	626	234855#	234	235023	53
234620	570	234738	626	234867	635, 448	235026	505
234621	243, 397	234739	626	234883	258	235027	582
234622	397	234740	245	234884	606	235028	505

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
235029	324, 363	235160	312	235264	540	235389	397
235030	551	235162	633, 384	235265	434	235392	618
235031#	546	235163	563	235266	429	235393	610
235034	368	235165	603	235269	632, 593	235395#	546
235035	476	235168	563	235270	583	235396	563
235037	451	235170	296	235271	196	235397	587
235038#	632, 383	235171	313	235273	87	235398	606
235039	631, 448	235172	319, 358	235276	624	235400	66
235042	53	235174	302	235277	624	235402	157
235044	65	235176	563	235278	418	235407	547
235045	66	235177	563	235279	419	235410	632, 220
235048	454	235178	79	235288	387	235411#	632, 220
235051	117	235181	546	235289	191	235412#	632, 136
235052	117	235182	364	235291	188	235413	631, 137
235053	117	235183	411	235293	602	235414	631, 384
235054	24	235184#	53	235294	630, 514	235415	632, 593
235055	37	235185	368	235296#	393	235418	364
235056	38	235188	551	235297	429	235421	375
235057	117	235189#	551	235298	455	235424	634, 449
235058#	177	235195	361	235300	364	235434#	117
235059	178	235197	563	235303#	411	235436	278
235061	191	235198	476	235309	364	235438	278
235062	187	235203	551	235310	408	235439	635, 143
235063	196	235204	364	235311	368	235446#	632, 593
235069	563	235205	571	235314#	386	235447	630, 593
235070	554	235206	571	235315	289	235449	202
235071	634, 449	235207	87	235316	390	235450	419
235075	551	235213#	247	235317	157	235451	368
235078	418	235215#	587	235318	79	235452#	552
235079	571	235216	587	235321	38	235454#	552, 583
235081	633, 136	235217	587	235322#	53	235455	397
235082	571	235218	117	235323	66	235457	202
235089	540	235219	19	235325	19	235458	575
235102	418	235220	35	235326	19	235460	87
235104	66	235221	66	235328	419	235462	547
235109	364	235223	182	235330#	635, 385	235463	552
235111	364	235224	540	235331	634, 143	235465	552, 583
235112	551	235225	319, 358	235334	273	235466	631, 593
235113#	273	235226	289	235336	153	235467#	633, 593
235116	364	235227	53	235338	540	235474	151
235117	490	235228	632, 448	235341	24	235475	152, 515
235118	364	235229	571	235342#	546	235476	634, 257, 384
235119	327, 368	235230	586	235343#	551	235477	634, 144
235120	411	235231#	35	235344	364	235478	634, 144
235125#	191	235232	152	235348	624	235479	635, 597
235126	551	235233#	635, 601	235349	624	235481	633, 137
235128	364	235234	556	235350	624	235482	563
235129	551	235235	411	235351	624	235483	79
235131	551	235236#	546	235352	38	235484	180
235132	546	235241	402	235353	468	235490	563
235137	368	235242	540	235354#	583	235491#	373
235139	505	235243	540	235355	419	235492	368
235142	669, 160	235244	402	235362	368	235494	635, 257
235143	160	235246	178	235363	122	235499	66
235144	278	235249	364	235365	380	235503	634, 257
235145	278	235250	368	235366	534	235504	635, 144
235148#	322	235251	546	235368	264	235505	634, 597
235152	566	235254	79	235369	571	235506	634, 144, 597
235153	537	235255	19	235373	632, 593	235507	634, 144
235154	477	235258	583	235374	563	235508	635, 144
235155	313	235259	487	235378	563	235509	308
235156	86	235260	187	235379#	587	235512#	24
235157	635, 257	235261	79	235386	552, 583	235513	477

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
235514	53	235655	506	235777	540	235899	202
235515	66	235656	211	235778	552	236002	88
235516	35	235657	571	235781	616, 613	236025	247
235517	583	235660	289	235782	613	236085	631, 384
235518	583	235661	278	235783	613	236096	632, 594
235519	310	235665	419	235784	616, 613	236099	540
235521	583	235667	612	235785	616, 613	236100	584
235522	476	235668	53	235786	613	236103	564
235525	191	235669	117	235788	638, 70	236104	606
235526	429	235671	498	235792	118	236115	632, 594
235527	429	235673	230	235793	633, 137	236120	630, 384
235528	87	235674	563	235794	634, 173, 221	236137	633, 594
235530	35	235675	630, 137	235795	87	236200#	53
235532	631, 220	235681#	502	235800	634, 145	236205	587
235533	633, 137, 593	235682#	502	235801	634, 449	236206	587
235536	87	235683	502	235803	497	236223	534
235537	87	235685#	502	235808	572	236224	572
235539	517	235691	230	235809	87	236226	564
235540	66	235692	666	235811	633, 137	236249#	547
235541	419	235693#	165	235812	635, 597	236252	121, 626
235542	307, 497	235694	118	235815	250	236253	121, 626
235543	419	235695	634, 634, 144, 597	235819	572	236254	434
235544	202	235696	634, 221	235822	88	236255	380
235546	117	235697	635, 144	235829	376, 575	236257	510
235547	419	235700	87	235831	202	236303	194
235548	87	235702	572	235835	88	236305	584
235549	87	235703	96	235836	419	236306	572
235551	571	235710	618	235837	202	236307	564
235552	35	235711	618	235838*	202	236328	211
235553	631, 594	235713	626	235841	584	236329	203
235555	583	235714	626	235842	211	236331	196
235557	368	235716	635, 144	235843	419	236332	634, 221
235558	583	235717	635, 144	235844	572	236334	182
235559	547	235718	635, 144	235845	572	236390	572
235560	534	235719	635, 221, 384	235851*	425	236392	631, 594
235561	631, 137, 594	235720	635, 145	235853	572	236393	564
235563	552	235721	635, 145	235854	572	236395	541
235564	20	235722	618	235856	88	236404	633, 384
235565	583	235723	618	235857*	419	236453	669
235566	632, 137	235727	552	235863	488	236455	88
235567	117	235728	336	235864	498	236461	631, 477
235568	540, 547	235729	289	235865	635, 145	236464	476
235569	540	235732	634, 145	235867	552, 584	236466	477
235570	547	235733	634, 145	235873	634, 449	236468	476
235580	35	235736	666	235874	634, 221	236473	564
235581	53	235743	552	235875	635, 351	236489#	633, 220
235582	35	235744	24	235877	634, 449	236523	35
235587	632, 220	235746#	233	235878*	572	236529	79
235588	206	235748	205	235879	437	236530	72
235589	211	235752	584	235884	421	236531	635, 145
235590#	633, 220	235753	563	235885	289	236536	20
235591	632, 594	235754	584	235886	584	236544#	547
235597	408	235756	38	235887	202, 476	236546	564
235598	412	235757	666, 478	235888	437	236550	632, 294
235599	477	235760#	304	235889	289	236559	434
235600	182	235762	419	235890	429	236563	498
235601	250	235764	26	235891	118	236573	403
235606	571	235765	118	235892	429	236575	53
235607	206	235768	53	235893	289	236576	66
235608	27	235770	534	235894	430	236579	334, 375
235652	584	235772	99	235895	437	236597	572
235653	584	235774	476	235896	211	236599	632, 594
235654	584	235776	534	235897	420	236601	573

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page	HC-CARGO	Page
236602	552, 584	237326	534	238304	632, 594	239924	73
236604	564	237327	541	238305	565	239930	26
236618	364	237331	289	238322	565	239970	565
236619	632, 137	237355	634, 146	238337	565	239973	565
236634	631, 137	237356	118	238339	634, 597	239980	178
236638	573	237371	20	238340	573	239981	182
236658	253	237417	182	238421	573	239982	212
236659	259	237424	630, 594	238424	565	239983	375
236693	476	237453	606	238426	634, 597	239986	633, 138
236699	587	237456	573	238486	633, 448	239990	118
236701	310	237481	243	238492	430	239995	438
236702	307	237500	635, 221	238493	420	250003	663
236703	303	237561	564	238546	632, 594	250013#	663
236707	88	237569	96	238684	547	250056#	666
236714	88	237582	634, 257	238687	232	250070	666
236717	88	237587	634, 221	238690	635, 295, 514	250071#	666
236718	66	237600	634, 146	238691	278	250075	666
236721	633, 137	237601	632, 220	238733	634, 146	250076	666
236724	632, 384	237603	667	238734	635, 146	250078	666
236726	632, 137	237604	188	238753	541	250081	666
236735	632, 138	237605	192	238780	160	250082	666
236738	564	237606	197	238936	89	250084#	663
236741	430	237607	211	238947	403	2500871#	666
236756	606	237608	230	238948	437	250095	663
236762	634, 145	237609	203	238949	421	250110	666
236763	635, 221	237610	634, 221	238953	38	250128#	663
236768	203	237613	211	238956	251	250013#	666
236770	194	237614	197	238988	373	250152	666
236787	36	237619	634, 222	238989	157	250153#	666
236789#	188	237631	80	239005#	535	250154	666
236791#	192	237638	80	239025*	180	250156	666
236792	197	237642	203	239026	212	250157	667
236816	437	237643	197	239037	506	250185	666
236820	88	237648	212	239134	25	250186	667
236821	118	237650	203	239155	398	250190	666
236842	631, 138	237674	635, 597	239227	54	250208#	663
236850	633, 138	237677	118	239238	20	250220#	669
236888	438, 626	237684	666, 478	239306	250	250294#	669
236889	438, 626	237688	669, 478	239337	312	250314#	663
236947	211	237695#	164	239351#	630, 294	250315#	663
236971	631, 220, 384	237736	88	239514	541	250316#	663
236995	634, 597	237798	564	239538	180	250317#	663
236997	584	237816	89	239543	98	250318#	663
237003	564	237912	80	239621	118	250325#	669
237028	564	237938	573	239622	534	250326#	669
237030#	319	237939	564	239640	80	250376#	669
237059	403	237943	564	239718	179	250417#	667
237127	398	237944#	553	239721	499	250476	666
237134	421	237963	373	239722#	174	250602#	669
237140	423	238001	587	239735	420	250604	666
237152	541	238062	197	239737	361	250635	666
237153	573	238063	212	239748#	434	250637	666
237155	552, 585	238068	635, 449	239787*	541	250642	666
237156	564	238071	476	239794	197	250652#	666
237240	118	238117*	24	239807*	585	2506681#	666
237263	145, 295, 514	238143*	573	239811#	162	250670	666
237264	79	238164	493	239821	160	250672	666
237267	88	238165	492	239882	553	250678	667
237268	118	238201	576	239885	573	250679	667
237270	88	238203	585	239898	80	250694#	669
237280	634, 145	238265	334, 375	239905#	632, 384	250707#	669
237320	634, 597	238282	541	239910	631, 220	250723	667
237323	244	238300	667	239914	634, 146	250728#	666

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page
250745#	664
250774	667
250794	667
250803	667
250806#	664
250989	666
250990	666
250997#	669
251027#	669
251119#	666
251136	666
251159	666
251160	667
251168	667
251169	667
251173	667
251216	666
251256	666
251257	666
251260	666
251287	667
251292	666
251294	666
251295#	669
251296	666
251300#	664
251425	666
251515#	664
251563	666
251576	666
251581	666
251598	666
251600	666
251615#	669
251822#	663
251823#	663
251915	667
252041#	663
252042#	663
252043#	663
252050#	664
252051#	663
252101#	666
252112#	669
252164	666
252165	666
252290#	669
252349#	663
252481	666
252482	666
252594	666
252597	666
252601#	666
252613	666
252619	666
252620#	666
252633	666
252639	666
252641	666
252643	667
252683	666
252685	666
252702#	667
252833	667
252972#	669
253257#	669
253387#	666
253388#	667
253389#	666
254077#	664
254533	666
254830	666
330036	412
330041	565
330042	573
330047	667, 604
330054	633, 138
330058	573
330063	634, 598
330073	633, 138
330081	573
330086	89
330088	89
330090	178
330094	89
330114	36
330116	89
330185	633, 138
330189	89
330196	89
330200	635, 598
330202	574
330218	24
330220	73
330221	634, 222
330240	634, 449
330275*	585
330278	574
330281	635, 222
330284	192
330285	197
330287	634, 222
330297	565
330301	197
330316	531
330317*	541
330318	667, 604
330319	574
330326	565
330331	89
330339	634, 449
330341	635, 449
330356	634, 146
330359	635, 222
330375	565
330387	632, 594
330389	541
330396	226
330409	632, 138
330473	634, 598
330477	197
330499	585
330501	36
330502	631, 138
330503	585
330504	574
330516	635, 449
330527	635, 222
330529	203
330540	203
330587	89
330593	434
330634	635, 222
330636	212
330641	230
330643	666, 161
330655	632, 595
330675	119
330676	89
330706#	638, 554
330709	632, 138
330716	634, 146
330717	152
330719	399
330768	630, 138
330805	90
330817	73
330824	38
330828	420
330843	203
330846*	90
330849	633, 138, 595
330850	635, 222
330854	203
330893	182
330895	634, 146
330908	98
330917	574
330921	634, 146
330923	54
330942	632, 139
330949	90
330951	80
330957	182
330958*	212
330965	633, 139
330969	438
330970*	421
331001	119
331002	119
331003	585
331005	420
331006	574
331007	493, 557
331008	500
331012	506
331013	498
331024	311
331512	666
331535	90
331554	632, 448
331571	420
331584	178
331632	425
331633	420
331635	412
331651	634, 147
331659	634, 598
331681	80
331690	253
331715	633, 139
331742	634, 222
331772	484
331774	498
331782	24
331792	634, 173, 222
331850	376
331907	310
331925	634, 147
331936*	663, 658
331948	180
332011	633, 448
332012	633, 139
332016	90
332033	634, 147
332035	20
332046	634, 598
332100	634, 598
332101*	585
332113	666, 605
332114	585
332115	574
332116*	565
332132	90
332133	635, 222
332156	632, 139
332158	574
332248*	585
332249	574
332251	565
332257	212
332271	631, 220
332280	633, 595
332284	477
332290	634, 147
332291	634, 147, 174, 598
332292	634, 147
332293	634, 147
332294	634, 147
332295	634, 147, 598
332296	634, 148, 514
332297	635, 352, 385
332298	634, 223
332299	635, 295
332300	634, 598
332301	634, 598
332302	634, 148, 598
332303	635, 148, 257
332304	635, 223
332305	634, 148
332306	635, 148, 599
332307	634, 599
332308	634, 148
332309	635, 257
332310	634, 223
332311	634, 599
332312	634, 257
332313	635, 449
332314	635, 295, 514
332315	634, 223
332316	634, 223

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page
332317	634, 148, 295, 392, 599
332318	634, 148
332319	634, 148, 599
332320	634, 599
332321	634, 599
332322	634, 599
332486	634, 173, 223
332499	398
332500	403
332583	557
332628	119
332651	26
332655	80
332889*	90
333021	498
333024	421
333025	634, 599
333026	634, 149
333028*	203
333029	203
333030*	203
333032*	204
333033*	204
333034	204
333038	279
333039	420
333040	205
333041	420
333043	204
333044	420
333045	574
333046	205
333047	462
333048	498
333049	204
333050	434
333051	289
333052	289
333053	212
333055	427
333056	434
333057	506
333062	635, 223
333064	635, 149
333065	634, 449
333066	599
333067	635, 450
333069	634, 223
333070	634, 600
333071	634, 149
333072	635, 149
333073	634, 149
333074	634, 149
333075	634, 149
333076	634, 600
333077	634, 149
333078	635, 257
333079	149
333080	635, 600
333081	634, 450
333082	635, 257
333083	634, 600
333084	635, 600
333085	635, 223
333086*	119
333087	634, 600
333088*	308
333091	662, 653
333097*	119
333099	641, 653
333100	662, 653
333101	662, 653
333102	662, 653
333103	662, 653
333104	662, 653
333105	662, 653
333106	641, 653
333107	662, 653
333108	662, 653
333109	662, 653
333110	662, 653
333111	662, 653
333112	662, 653
333113	662, 653
333114	663, 653
333115	663, 653
333116	641, 653
333117	662, 653
333118	662, 653
333119	662, 653
333120	662, 653
333121	641, 653
333132	633, 139
333133	634, 600
333134	635, 149
333135	635, 223, 385
333136	634, 150
333213	553
333244	90
333245	96, 308
333246	97
333247	97
333248	90
333249	97
333250	97
333251	97
333252	90
333253	90, 250, 308, 334, 376, 462
333254	91, 308, 334
333255	91
333256	91
333257	91
333258	91
333259	91
333260	91
333261	91
333262	91
333263	97
333264	92
333265	92
333266	97
333267	92
333268	97
333269	92
333270	92
333271	92
333272	92
333273	92
333274	92
333275	93
333276	93
333277	93
333278	93
333279	93
333280	93
333283	119
333284	119
333308	97
333309	633, 139
333311*	408
333312	243
333315	631, 139
333318	608
333319	308
333320*	311
333323	634, 150
333324*	93
333325	420
333326	430
333327*	119
333329	119
333330	585
333331	634, 224
333332	459
333333	24
333334	93
333335	634, 477
333336	634, 150
333337	635, 150
333338*	634, 150
333340	635, 600
333342	478
333345	97
333346	635, 600
333347	574
333348*	119
333352*	574
333353*	204
333354	422
333357	93
333359*	26
333361	97
333363	224
333364*	24
333365*	120
333366	80
333370*	541
333374*	553, 585
333379*	398
333382*	264
333383*	150
333384*	139
333385*	36
333386*	24
333389*	403
333390*	120
333401	212
333402	150
333426	600
333427	600
333428	257
333429	150
333430	150
333431	258
333432	224
333433	224
333434	150
333435	224
333436	600
333437	610
333438	224
333440*	212
333441*	212
333443*	98
333445*	278
333448	289
333449	635, 150, 258
333450	635, 258
333451	635, 258
333453	634, 224
333454	635, 224
333455	634, 601
333463	450
333465*	151
333466*	635
333467*	635
333468*	635, 450
333469	633, 139
333473*	553
333474	553
333492	25
333527	120
333543	80
333554	66
333556	93
333557	120
333558	120
333560	155
333562	93
333563	54
333569	93
333573	120
333575	94
333585	38
333598	162
333604	295
333611*	120
333613*	94
333621*	94
333634*	635, 224
333661*	586
333662*	212
333663*	575
333670*	635
333684*	422
333685*	420
610001	630, 139
610002	139
610003	630, 140
610005	630, 140

O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Page
610006	631, 140
610007	630, 140
610008	630, 140
610009	630, 140
610021	635
610022	635
610023	635
610024	635
610025	635
610026	635
610027	635
610028	635
610029	635
610030	635
610031	635
610032	635
610033	635
610034	635
610035	635
610036	635
610040	635
610041	635
610050	640
610052	640
610053	640
610054	640
610055	640
610056	640
610057	640
610058	640
610059	640
610060	640
610061	635
610062	635
610063	635
610133#	635
610135	632
610153	635
610184	635
610185	635
610188	640
610208#	633
802023	683
802025	683
802026	683
802027	683
802029	684
802031	684
802033	684
802034	684
802035	685
802036	685
802037	685
802038	685
AX322	169
B131218	459
B131814	536
B131815	537
B131816	235
B131819	179
B132642	320
B133365	537
B133366#	537
B133402	26
B133802	354
B133875	126, 392
B134036	324
B135660	26
B136240#	354
B140077P#	662
B140079P#	662
B140080P#	662
B140082P#	662
B140086P#	662
B140159P#	663
B140235	662, 647
B140263	662, 651, 644, 124
B140282P#	663
B140286P#	662
B140289P#	663
B140291P#	663
B140292P#	663
B140293P#	663
B140371	207, 340, 424
B140434	641, 653
B140635P#	662
B140637P#	663
B140754	662, 651, 653, 125, 641
B140888P#	663
B140891P#	663
B140894P#	663
B140914	377
B141232	653, 641
B141233	662, 648, 644, 125
B165	101
B182	101
B185	101
B202	101
B204	101
B213	101
B230706	159
B230731	159
B230732	160
B233987	542
B237619	634
B332583	557
BUTX22	164
BX1312	613
BX1402	613
BX1572	613
BX1642	613
BX1652	614
BX1692	614
BX1822	100, 309, 339
BX1852	100, 339
BX1884	616
BX1922	614
BX1982	100, 339
BX2012	100
BX2022	100, 309, 339
BX2032	100
BX2042	100, 339, 391
BX2062	100
BX2092	100
BX2102	100
BX2132	101
BX2152	101
BX2202	101
EX912#	480
FX422	252
H106	608
H26	608
H5-6	608
H54	608
H56	609
J42	377
JX222	614
JX262	614
JX30-312	377
JX322	101, 309, 377
JX422	309, 377
LA31	340
LA32	340
LA80	340
LA81#	340
LAX232	614
LAX292	614
LAX302	339
LAX31-322	339
LAX312	340
LAX92	614
MX12	463
NOX292P	616
P58	577
P60	577
PL5	391
PLX102	391
PX502	340, 576
PX52-542	340, 576
PX582	576
PX602	309, 576
RX103E2	502
RX103F2	502
SV7	528
SVX52	463
SVX72	463, 577
SVX92	463
U84	238
UX67-682	237, 340
UX79-802	237, 340
UX842	237
UX922	237

O.E.M. names and numbers are used for reference purposes only.






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