HC CAR GO

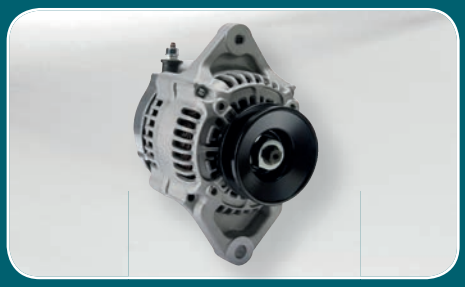
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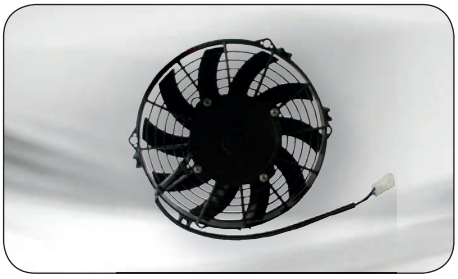
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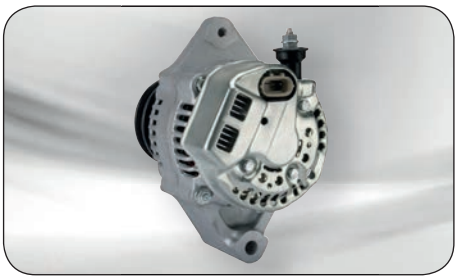
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Edition 2015/2016

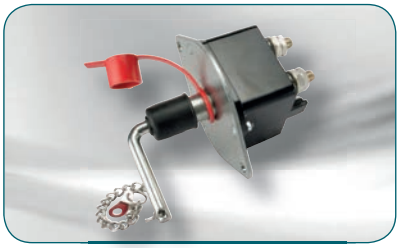
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Certification

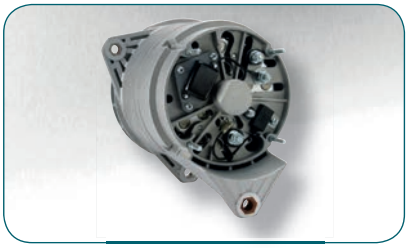
You can easily find our complete and up-to-date spare parts program at our web-catalogue at:

www.hc-cargo.com









Our Product Range - Your Customer Satisfaction

In this catalogue we offer you an overview of selected parts and accessories for **agricultural machineries**. We offer a broad range in many ways. Therefore you will find all the electrical parts you need to repair agricultural applications. From spare parts for starters and alternators to the units themselves, A/C compressors, lighting products and many other auto-electrical spare parts.

With the HC-CARGO program you have an one-stop-supplier opportunity regarding electrical parts.

New classification - Starters and Alternators

In the present edition the starters and alternators you find in the first part of the catalogue.
They are divided after vehicle manufacturers, so you easily can find the units suitable for the specific vehicle you need to repair.

The second part is dedicated to spare parts, A/C compressors, lighting etc.

High Quality Guarantee

Via thorough tests in our quality department our engineers test units, components, parts etc. 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 high quality that you can promise to your customers.

Our Spare Parts for Starters and Alternators – All You Need

Most spare part dealers offer only specialized programs. We have decided to have a broad product range to meet the demands of workshops in the best possible way. We cover virtually all you require to get your vehicle running. You will find all you need in:

- Rotors
- Stators
- Regulators
- Rectifiers
- Brush Sets
- Pulleys
- Drives/Clutches
- Solenoids
- Armatures
- Etc.

The above spare parts you will find in our starter and alternator components catalogues.



For full program overview and online-shop visit www.hc-cargo.com

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ABBREVIATIONS:

AC=Air Condition, **Alu**=Aluminium, **A**=Ampere, **AT**=Automatic Transmission, **Cat.**=Catalyzer, **Ch.**=Chassis, **Cyl.**=Cylinder, **CW**=Clockwise rotation, **Eur.**=European application, **FWD.**=Front Wheel Drive, **H**=Hight, **HD**=Heavy Duty construction, **HP**=Horse Power, **ID**=Inner Diameter, **kW**=Kilowatt, **L**=Length, **LHD**=Left Hand Drive, **LL.**=Lead Length, **M**=Minimum supply, **MT**=Manual Transmission, **m**=Metre, **OD**=Outer Diameter, **O.E.**=Original Equipment, **PS**=Power Steering, **RHD**=Right Hand Drive, **Th.**=Thickness, **V**=Volt, **W/**=With, **W/o**=Without, **W**=Watt, **4WD.**=Four Wheel Drive, [ ]=Eng. no., 3(2)=Number of fixing holes-number in bracket represent threaded holes.

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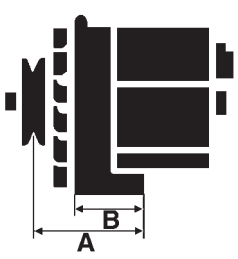
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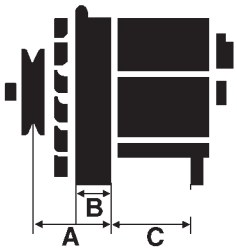
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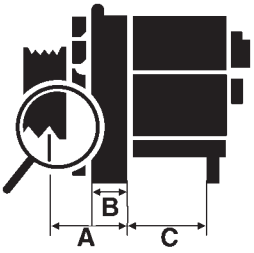
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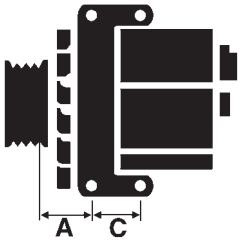
A: Pulley distance, B: Width of holder arm, C: Mounting bracket distance







Remarks: Serpentine pulley



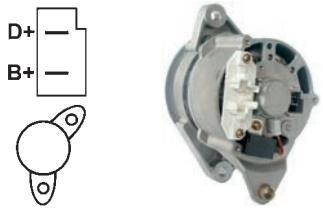
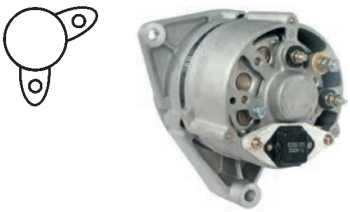


Threaded fixing holes

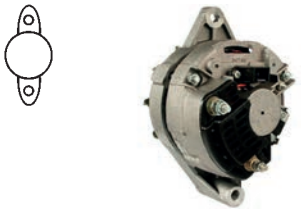
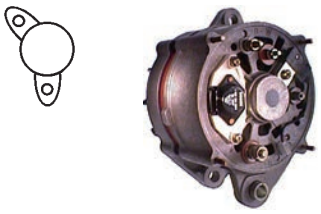
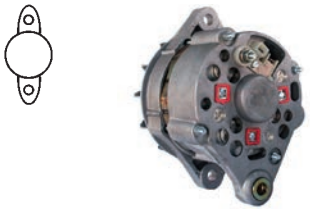
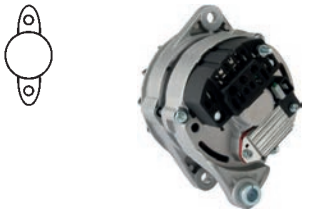
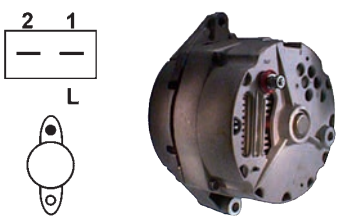
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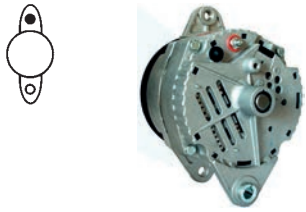
	HC-CARGO	Model		Replacing	Information
	**110899**	Various Models		0120300569, 0120300568, 0120300559, 0120300558, 0120300529, 0120300528, 63362006, 63362004, 63362003, 63300506	**Voltage:** 14 **Ampere:** 33 **B+:** Plug **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 48.45 **B:** 24.00 **C:** 74.00 *Regulator: HC-CARGO 130675.*
	**111662**	Various Models		0120339536, 0120339521, AAG1341, AAG1340, AAG1338, AAG1314, 11.201.507, 11.201.502, 11.201.500, 11.201.115, 9513053	**Voltage:** 14 **Ampere:** 33 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 56.00

ALLIS CHALMERS

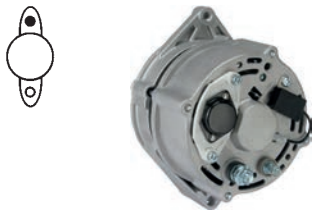
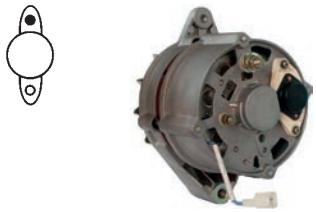
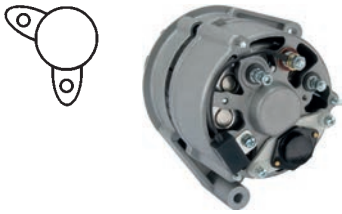
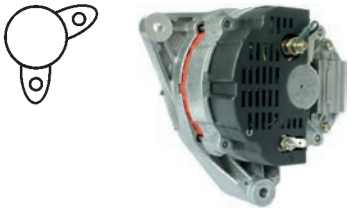
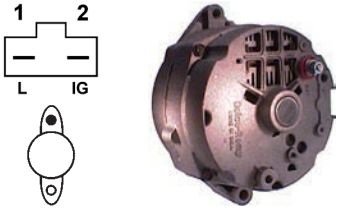
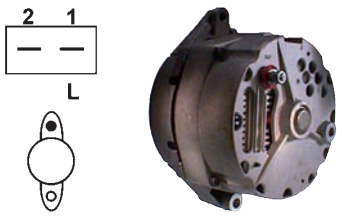
	HC-CARGO	Model		Replacing	Information
	**110639#**	300	310, 340, 350	DM91134, DM1132, DM1130	**Voltage:** 14 **Ampere:** 36 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 91.00 **B:** 60.75 *Regulator: HC-CARGO 130017.*
	**111419**	FD, FL	Various Models (FD 3,5,7,9,10), Various Models (FL 4,7,8,9,10,14,20)	0120469890, 0120469634, 0120469549, AAK4507, 11.201.555, 2541423	**Voltage:** 28 **Ampere:** 55 **B+:** M8 **Terminal:** W **Pulley:** DP **Grooves:** 2 **Fan:** EF **A:** 50.00 **B:** 17.45 **C:** 63.00
	**110611**	FL	Various Models (FL 4,7,8,9,10,14,20)	A124N, 3370000, ALB40-86, ALB40-68, 63304800, 63303500, 63303192, 63303191, 63303150, 63303140, 63303130, 63303120, 63303110, 63303100, 19025037	**Voltage:** 14 **Ampere:** 44 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 46.00 **B:** 17.00 **C:** 61.00 *Regulator: HC-CARGO 130613.*
	**112097**	FL	Various Models (FL 4,7,8,9,10,14,20)	0120489796, 0120489795, 0120489794, 0120489793, 0120489792, 0120489639, 0120489638, 0120489612	**Voltage:** 28 **Ampere:** 30 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** w/o **A:** 45.00 **B:** 17.00 **C:** 63.00
	**111713**	Various Models		321-667, 1105609, 1105579, 1105560, 1105540, 1105539, 1105538, 1105536, 1105535, 1105418, 1102551	**Voltage:** 14 **Ampere:** 105 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 77.00 **B:** 50.70 *Replacing: 15SI.*

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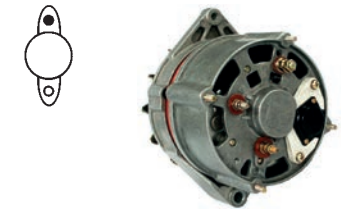
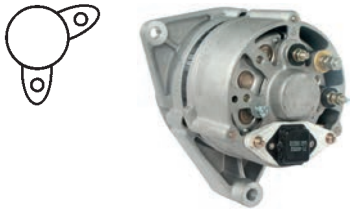
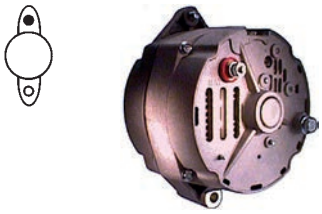
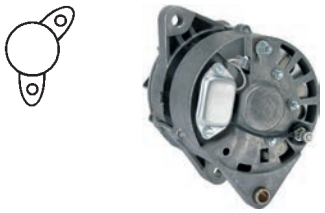
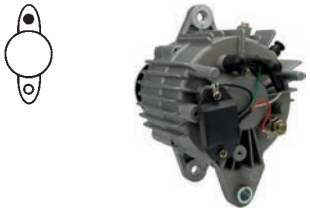
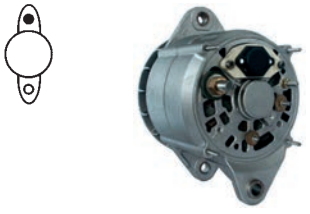
ALLIS CHALMERS

	HC-CARGO	Model		Replacing	Information
	**112260#**	Various Models		321-603, 1105470, 1105469, 1105467, 1105465, 1105464, 1105463, 1105462, 1105460, 1102553, 1101289	**Voltage:** 14 **Ampere:** 80 **B+:** M5 **Pulley:** w/o **Fan:** w/o **B:** 12.60 **C:** 103.45 *Replacing: 27SI.* *Negative grounding.*

CASE

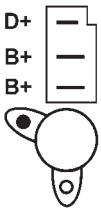
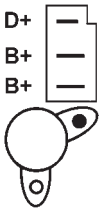
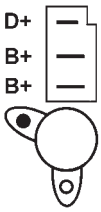
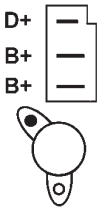
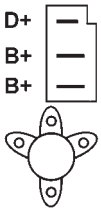
	HC-CARGO	Model		Replacing	Information
	**111843**	100 Series	110, 120, 135	F005A00024, 9120060041, 6033G2019B, 0120484218, 0120484050, 0120484026, 0120484018, 0120484011, AAK5304, AAK5165, AAK4831, AAK4307, AAK1815, AAG5118, 11.204.396, 11.203.660, 11.203.268, 9515180, 9513160	**Voltage:** 14 **Ampere:** 95 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** w/o **B:** 51.00 *B- M8.*
	**111888**	100 Series	110, 120, 135	F005A00023, 0120489475, 0120488293, 0120488205, AAK3330, AAK1363, 11.201.935, 11.201.595, 9515170	**Voltage:** 14 **Ampere:** 65 **B+:** M8 **Terminal:** W **Pulley:** SP **Grooves:** 8 **Fan:** EF **A:** 81.00 **B:** 50.60
	**113552**	100 Series, Various Models	170 CBX	9515122, 9515112	**Voltage:** 14 **Ampere:** 120 **B+:** M8 **Terminal:** W **Pulley:** DP **Grooves:** 2 **Fan:** EF **A:** 77.00 **B:** 50.80
	**110641**	300 Series, 400 Series, 1000 Series	321, 421, 1000	0120339552, 0120339531, 0120339514, 0120300514, AAG1328, AAG1315, AAG1311, AAG1301, 11.201.501, 11.201.372, 11.201.096, 11.201.027, 24171, 9515311, 9515310	**Voltage:** 14 **Ampere:** 33 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 76.30 **B:** 56.00
	**110077**	300 Series, 400 Series, 500 Series	321, 431, 531, 554	0120339525, 0120339524, 0120300531, 0120300530, 860150, 858885, 510-249, 2927990	**Voltage:** 14 **Ampere:** 50 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 78.50 **B:** 56.00
	**110508**	400 Series	485	321-1015, 1979859, 1979858, 1979857, 1105708, 1105707, 1105706, 1105705, 1105704, 1105703, 1105692	**Voltage:** 14 **Ampere:** 78 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 77.00 **B:** 50.50 *Replacing: 12SI.*
	**111713**	400 Series	485	321-667, 1105609, 1105579, 1105560, 1105540, 1105539, 1105538, 1105536, 1105535, 1105418, 1102551	**Voltage:** 14 **Ampere:** 105 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 77.00 **B:** 50.70 *Replacing: 15SI.*

CASE

	HC-CARGO	Model		Replacing	Information
	**112170**	400 Series, 1000 Series	455, 1150, 1150 (E)	0120489481, 0120489071, 0120488294, 0120488206, AAK3336, AAK1387, 11.201.941, 11.201.759	**Voltage:** 28 **Ampere:** 45 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 51.00 *Dust proof.*
	**111662**	400 Series, 500 Series	433, 533	0120339536, 0120339521, AAG1341, AAG1340, AAG1338, AAG1314, 11.201.507, 11.201.502, 11.201.500, 11.201.115, 9513053	**Voltage:** 14 **Ampere:** 33 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 56.00
	**110952**	500 Series, 600 Series, 1000 Series	580 (C,D), 680, 1450	1105537, 1105510, 1103123, 1103031, 1102919, 1102918, 1101204	**Voltage:** 28 **Ampere:** 40 **B+:** M5 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 75.55 **B:** 50.70 *Replacing: 10SI.*
	**111035**	600 Series	650 HD (Yumbo)	0120489188, 0120489187, 0120489186, 0120489126, AAK3538, AAK3529, AAK1175, AAK1172, AAK1171, AAK1163, AAK1123, AAG0403, 11.201.432, 11.201.405, 54022240, 54022171, 24214A, 24214, 24213A, 24213, 24203, 63505101, 63321154, 63321005, 63321003, 63320130, 63320056, 63320028, 63320004, 63307431, 63307401, 9516714, A2T32171, A002T32171, 19025789, 19025787, 19025051, A13E26, A13E25, 2541236, 2541235	**Voltage:** 14 **Ampere:** 65 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 51.25 **B:** 22.00 **C:** 73.00
	**110427**	800 Series, 1000 Series	850, 1150, 1450	ANB7004, ANB7003, ANB7002, ANB7001, ANB6004, ANB6002, ANB6001, 51-212, 51-178	**Voltage:** 28 **Ampere:** 22 **B+:** M12 **Pulley:** DP **Grooves:** 2 **Fan:** w/o **A:** 83.30 **B:** 15.50 **C:** 102.19
	**112493**	800 Series, W	821B, W20E	0120468147, 0120468054, 860568	**Voltage:** 28 **Ampere:** 65 **B+:** M12 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 14.00 **C:** 100.00
	**112098**	900 Series, 1000 Series	956 (XL), 1056	0120489711, 0120489710, 0120489294, 0120489022, 0120488233, 0120488138, 0120488134, 0120400845, AAK4351, AAK4313, AAK3547, AAK1370, AAK1182, 11.203.415, 11.203.301, 11.201.499, 11.201.444, 9516693, 9515010, 9513031, 443113516693, 443113516690	**Voltage:** 14 **Ampere:** 65 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 77.00 **B:** 56.00

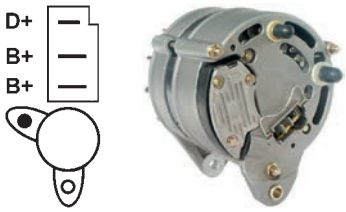
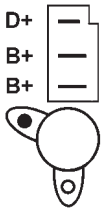
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CASE

	HC-CARGO	Model		Replacing	Information
 	**110178**	1000 Series	1210, 1212, 1410	9120331913, 9120331901, 9120331502, 0120389503, 0120389502, 0120339510, 0120339509, 0120339506, 516011, ALT12N-39, ALT12N-14, ALT12N-11, ALP12N-2, 77FB10300FB, 77FB10300FA, 76BB10300ED, 76BB10300EA, 74DB10436A, 69EB10346AD, 5003897, 1537179, AAK4116, AAG1111, 11.201.272, 11.201.067, 54022165, 54022083, 54022032, 54022017, 54022006, 54021993, 54021918, 54021917, 54021898, 54021868, AH2140B14, 9AR2916F, 9AR2916, 9AR2915F, 510-105, 510-104, 2541194, 29409930, 2523234	**Voltage:** 14 **Ampere:** 36 **B+:** 9.40 **Pulley:** w/o **Fan:** EF **B:** 10.00 **C:** 87.00
 	**110179**	1000 Series	1290, 1390, 1690	86BB10300DB, 86AB10300DA, 54022084, 54022011, 54021985, 54021845, 54021810, 54021493, 24180, 24153, 24141, 24133, 24108, 9AR5019, 9AR2877, 9AR2603G, 9AR2603F, 9AR2603, 8HA2009KA	**Voltage:** 14 **Ampere:** 36 **B+:** 9.40 **Pulley:** w/o **Fan:** EF **B:** 9.75 **C:** 88.00 *For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.*
 	**110968**	1000 Series	1394, 1494, 1594	858787, ALT2N-14, ALT12N-2, ALT12N-13, ALF12-18, AAK1333, AAK1133, 11.201.470, NAB300, 66021113, 60921030, 60921029, 60210167, 60210165, 60210164, 60210163, 60210158, 60021066, AH2040C4, 9AR5060, 9AR2960F, 9AR2841, 9AR2705G, 9AR2705, 9AR2699G, 9AR2683G, 9AR2683, 9AR2654G, 9AR2650D, 9AR2699	**Voltage:** 14 **Ampere:** 70 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 34-43 **B:** 11.00 **C:** 82.00
 	**111185**	1000 Series	1190, 1194, 1290	54021350, 26921046, 26021235, 24185, 24181A, 24134A, 24134, 24099A, 24099, 24082, 24065A, 24065, 9AR2918G, 9AR2918	**Voltage:** 14 **Ampere:** 43 **Pulley:** w/o **Fan:** IF **B:** 9.80 **C:** 81.00 *As HC-CARGO 114796, but w/o pulley*
 	**111204**	1000 Series	1394, 1494, 1594	NAB905, 24166, 24017, 24016, 24014, 23999, 23991, 23986A, 23986	**Voltage:** 14 **Ampere:** 70 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 54.15 **B:** 27.00 *w/ mounting bearing bracket for left and right engine side.*

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CASE

	HC-CARGO	Model		Replacing	Information
	**113574**	1000 Series	1394, 1494, 1594	0120489959, 0120489958, 81DB10300BB, 81DB10300BA, 6173461, AAK4118, 11.201.276, 24049B, 24049A, 24049, 23680, 9AR2963L, 9AR2963, 9AR2919P, 9AR2919, NA066	**Voltage:** 14 **Ampere:** 65 **B+:** Plug **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 36.85 **B:** 10.40 **C:** 83.00
	**113999**	2000 Series	2144, 2155, 2166	AAN8151, AAN5771, AAN5701, AAN5502, AAN5318, AAN5155, AAN5138, 11.204.239, 11.204.159, 11.203.870	**Voltage:** 14 **Ampere:** 150 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF Not Insulated return **B:** 13.87 **C:** 103.27 *w/o pulley.*
 	**112773**	2000 Series	2144	120468055	**Voltage:** 14 **Ampere:** 135 **B+:** 7/16" UNC **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 14.22 **C:** 100.00
 	**111289**	4000 Series	4200	9120331872, 9120331864, 9120331854, 0120489957, 0120489896, 0120489895, 0120489889, 0120489844, ALS12N-75, ALS12N-72, ALS12N-51, R72GB10346NA, 89AX10300HA, 89AX10300EA, 89AB10300HA, 89AB10300GB, 89AB10300GA, 89AB10300EB, AAK4524, AAK4520, AAK4519, AAK4513, AAK4135, AAK3590, AAK1358, AAK1114, 11.201.676, 11.201.579, 61920314, 61920311, 54022620, 54022572, 54022243, 54022147, 54021921, 54021919, 24318, 24199, 24181, 943358010, 943356639, 943356633, 63358020, 63358010, 9516742, 9516740, 9516709, 9515734, A5T31774, A5T31773, A5T31772, A5T31372, A005T31774, A005T31773, A005T31772, A005T31372, 9AR5092K, 9AR5022G, 9AR5022, 9AR2978, 9AR2843G, 9AR2707G, 9AR2703, 9AR2701, 9AR2700G, 9AR2700, 2950220, 2940981, 2929780, 2927070	**Voltage:** 14 **Ampere:** 70 **B+:** 9.40 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 35.00 **B:** 12.50 **C:** 80.00
	**114384**	Farm	JX70U, JX80U, JX90U, JX100U	63321744	**Voltage:** 14 **Ampere:** 85 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 17.00 **C:** 63.40

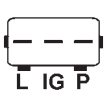
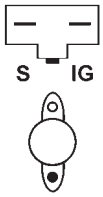
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CASE

	HC-CARGO	Model		Replacing	Information
	**114469**	Magnum	305	AAN5702, 11.203.720, 11.203.191	**Voltage:** 14 **Ampere:** 175 **B+:** M8x1.25 **Pulley:** w/o **Fan:** IF **B:** 13.00 **C:** 101.00 *Dust proof.*
NEW PRODUCT www.hc-cargo.com	**114450***	Tractors	Farmall	AAK4314, AAK1832, 11.204.484, 11.204.327, 11.203.714, 11.203.302	**Voltage:** 14 **Ampere:** 120 **Pulley:** SP **Grooves:** 8 **Fan:** EF
 	**110300**	Various Models		321-654, 1105476, 1105475, 1105474, 1100274, 1100211, 1100093, 1100077, 10463160	**Voltage:** 28 **Ampere:** 65 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 11.90 **C:** 103.00 *Replacing: 27SI.* *Shaft dia. 22.00 mm.* *Fan: HC-CARGO 131854.*
 	**110504**	Various Models		1105073, 1102875, 1100589	**Voltage:** 14 **Ampere:** 90 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 51.00 *Same as HC-CARGO 110505 (75 A).*
 	**112260#**	Various Models		321-603, 1105470, 1105469, 1105467, 1105465, 1105464, 1105463, 1105462, 1105460, 1102553, 1101289	**Voltage:** 14 **Ampere:** 80 **B+:** M5 **Pulley:** w/o **Fan:** w/o **B:** 12.60 **C:** 103.45 *Replacing: 27SI.* *Negative grounding.*
 	**114191**	Various Models		102211-9090	**Voltage:** 14 **Ampere:** 90 **B+:** M8x1.25 **Pulley:** SP **Grooves:** 8 **Fan:** EF **A:** 74.80 **B:** 51.00
 	**114518**	Various Models		101211-2951, 101211-2950	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 43.00 **B:** 21.00

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CATERPILLAR

	HC-CARGO	Model		Replacing	Information
 	**114218**	Backhoe Loaders	416C, 426C	101211-2310, 101211-2240	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Pulley:** DP **Grooves:** 2 **Fan:** IF **A:** 95.00 **B:** 57.00
 	**112996**	Farm	Farm 35, Farm 45, Farm 55	321-687, 19010207, 19010196, 19010191, 19010188, 19010187, 19010170, 19010150, 19010147, 19010145	**Voltage:** 14 **Ampere:** 115 **B+:** M8 **Pulley:** w/o **Fan:** EF **B:** 14.55 **C:** 100.50 *Replacing: 21SI.* *Negative grounding.* *One wire system. B+ 1/4".*
	**114683**	Various Agriculture Vehicles		101211-8271, 101211-8270	**Voltage:** 28 **Ampere:** 80 **B+:** M8 **Pulley:** w/o **Fan:** EF **B:** 13.70 **C:** 103.00
 	**114188**	Various Models		101211-9020, 101211-9010	**Voltage:** 14 **Ampere:** 90 **B+:** M6 **Pulley:** DP **Grooves:** 2 **Fan:** IF **A:** 97.00 **B:** 58.10
	**114271**	Various Models		19011206, 19011205, 19011191, 10459599	**Voltage:** 28 **Ampere:** 75 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** EF Not Insulated return **B:** 14.20 **C:** 100.00 *Replacing: 34SI.*

CHANG FENG (LIEBAO)

	HC-CARGO	Model		Replacing	Information
 	**110621**	3300 Series	3320	9516653, 9516650, 443113516653, 443113516650, 334113516653	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Pulley:** w/o **Fan:** w/o **B:** 27.00 **C:** 65.85

CLAAS

	HC-CARGO	Model		Replacing	Information
 	**111978**	Combines	Combines	6033GB2009, 0120484021, 0120484015, AKK4322, 11.203.333	**Voltage:** 14 **Ampere:** 120 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 56.00

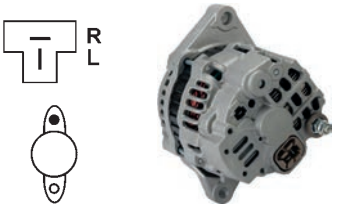
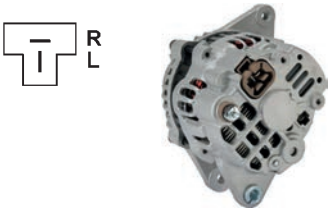
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CLAAS

	HC-CARGO	Model		Replacing	Information
 	**111649**	Dominator	66	0120400775, 0120339545, 0120339544, 0120339543, 0120339513, 0120339512, 0120339511, 0120300562, AAG1343, 11.201.784	**Voltage:** 14 **Ampere:** 33 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 76.00 **B:** 56.00
 	**112098**	Dominator	105	0120489711, 0120489710, 0120489294, 0120489022, 0120488233, 0120488138, 0120488134, 0120400845, AAK4351, AAK4313, AAK3547, AAK1370, AAK1182, 11.203.415, 11.203.301, 11.201.499, 11.201.444, 9516693, 9515010, 9513031, 443113516693, 443113516690	**Voltage:** 14 **Ampere:** 65 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 77.00 **B:** 56.00
 	**113611**	Dominator, Jaguar	106, 675, 680, 685 SL	0120469895, 0120469687, 0120469540, 0120469526, 0120469506, 0120469013	**Voltage:** 14 **Ampere:** 90 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 81.30
	**113949**	Jaguar	850	0124525147, 0123515503, 0123515501, 0123515500, AAN8166, AAN5122, AAN5120, 11.204.254, 11.203.065, 11.203.051	**Voltage:** 14 **Ampere:** 150 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00
	**114000**	Various Models		AAK5533, 11.203.281	**Voltage:** 14 **Ampere:** 120 **B+:** M8 **Terminal:** W **Pulley:** SP **Grooves:** 8 **Fan:** IF **A:** 83.00 **B:** 56.00
	**114513**	Various Models		AAK5125, 11.201.738	**Voltage:** 14 **Ampere:** 95 **B+:** M8 **Terminal:** W **Pulley:** SP **Grooves:** 8 **Fan:** IF **A:** 83.00 **B:** 56.00
	**114735**	Various Models		0123520015, AAN5308	**Voltage:** 14 **Ampere:** 150 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00

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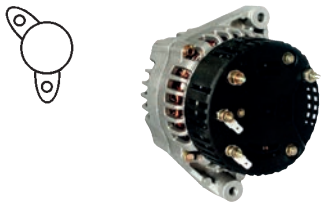
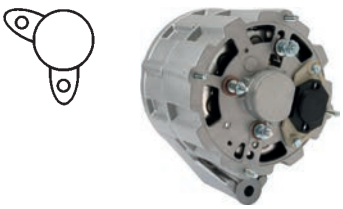
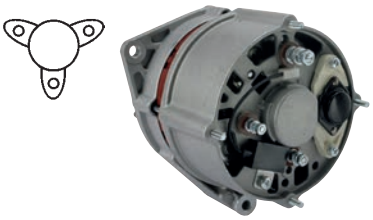
CUB CADET

	HC-CARGO	Model		Replacing	Information
	**112492**	7000 Series	7000, 7200, 7205	A7T02077C, A7T02077A, A7T02077, A7T02071C, A7T02071A, A7T02071, A007T02077C, A007T02077A	**Voltage:** 14 **Ampere:** 50 **B+:** M5 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 43.50 **B:** 21.10
	**114079**	7000 Series	7305	A7TA0171B, A7TA0171, A007TA0171B, A007TA0171, 30A68-00801, 30A68-00800	**Voltage:** 14 **Ampere:** 40 **B+:** M5 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 43.00 **B:** 16.00 **C:** 41.60

DAEDONG KIOTI

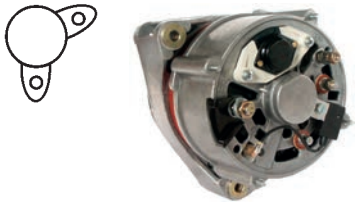
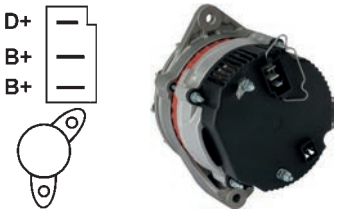
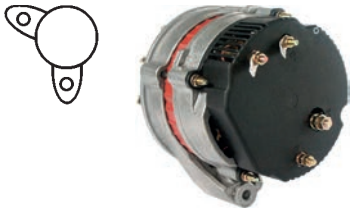
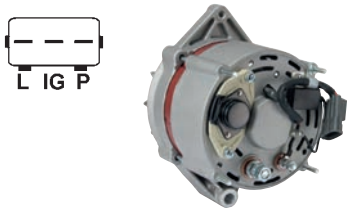
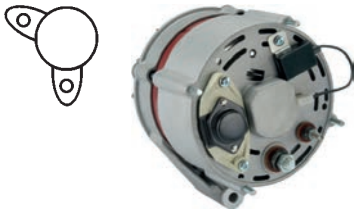
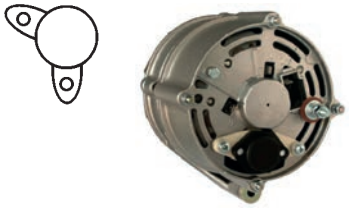
	HC-CARGO	Model		Replacing	Information
	**114219**	DK35 Series, DK40 Series	DK35 Series, DK40 Series	TA000A58101	**Voltage:** 14 **Ampere:** 50 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 43.00 **B:** 15.00 **C:** 66.00

DEUTZ-FAHR

	HC-CARGO	Model		Replacing	Information
	**114192**	Agrotron	Various Models	AAN5511, AAN5346, 11.204.187, 11.203.389	**Voltage:** 14 **Ampere:** 200 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00
	**112389**	Antares, Dorado	110, 130, 60DT/2RM	AAK5115, 11.201.667	**Voltage:** 14 **Ampere:** 85 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 55.90
	**110761**	AX	Various Models	0120489944, 0120488271, AAK3557, AAK1134, 11.201.635	**Voltage:** 28 **Ampere:** 35 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** w/o **B:** 80.00 *Fan: HC-CARGO 133875.*
	**110766**	AX	Various Models	0120489730, 0120489707, 0120489023, 0120488224, 0120400805, 0120400791, 0120400790, 0120400760, AAK4509, AAK1352, AAK1204, AAK1167, AAK1115, AAK1113, AAK1109, 11.201.574, 11.201.557, 11.201.186, A0924, 9AR6015K, 2960150, 2523162	**Voltage:** 28 **Ampere:** 27 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 56.00

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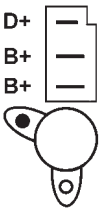
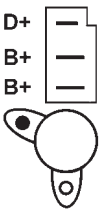
	HC-CARGO	Model		Replacing	Information
	**112747**	AX	Various Models	0120469772, 0120469585, 0120469521, 0120469520, 0120469519, 0120469102, 0120469030, 0120469008, 83DB10346AA, 1620918, AAK5734, AAK3318, 11.203.655, 11.201.903	**Voltage:** 28 **Ampere:** 55 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 56.00
	**110360**	D Series	D 2807, D 3607, D 6807	9120080139, 9120080120, 9120080089, 9120080056, 0120489965, 0120489964, 0120489961, 0120489960, AAK3501, AAK1139, AAK1105, 11.201.601, 9AR2896G, 9AR2883G, 9AR2883, 9AR2835G, 9AR2835, 9AR2756F, 9AR2528F	**Voltage:** 14 **Ampere:** 45 **B+:** 9.40 **Pulley:** w/o **Fan:** w/o **B:** 56.00
	**110881**	D Series	D 2807, D 3607, Various Models	0120489309, 0120489296, 0120489286, 0120489183, 0120489070, 0120489069, 0120488258, 0120488257, AAK4349, AAK3579, AAK1189, 11.203.405, 11.201.512, 11.201.511, 11.201.478, 11.201.226, 943356826, 8515220	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Terminal:** W **Pulley:** DP **Grooves:** 2 **Fan:** EF **A:** 88.00 **B:** 56.00
	**114191**	D Series	D 3607	102211-9090	**Voltage:** 14 **Ampere:** 90 **B+:** M8x1.25 **Pulley:** SP **Grooves:** 8 **Fan:** EF **A:** 74.80 **B:** 51.00
	**112046**	DX	DX 6.31, DX 6.50, DX 7.10	0120484001, AAK4320, AAK3822, AAK1811, AAK1312, 11.204.054, 11.203.656, 11.203.331, 11.201.991	**Voltage:** 14 **Ampere:** 95 **B+:** M8 **Terminal:** W **Pulley:** SP **Grooves:** 8 **Fan:** EF **A:** 84.00 **B:** 56.00
	**112736**	DX	DX7 - Various Models, Intrac 6.30	0120489756, AAK1378, 11.201.570, 9515230	**Voltage:** 14 **Ampere:** 65 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 76.50 **B:** 56.10
	**114110**	Various Models		AAN8189, AAN5121, AAN5116, 11.204.280, 11.203.064, 11.203.043	**Voltage:** 28 **Ampere:** 80 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00
	**114470**	Various Models		AAK3380, 11.203.151	**Voltage:** 14 **Ampere:** 120 **B+:** M8 **Pulley:** w/o **Fan:** EF **B:** 56.00

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DEUTZ-FAHR

	HC-CARGO	Model		Replacing	Information
NEW PRODUCT www.hc-cargo.com	**115309**	Various Models		AAK4343, 11.203.391	**Voltage:** 28 **Ampere:** 35 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 56.00
	**114365**	Various Models		120689553	**Voltage:** 28 **Ampere:** 140 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 15.00 **C:** 180.00

DRONNINGBORG

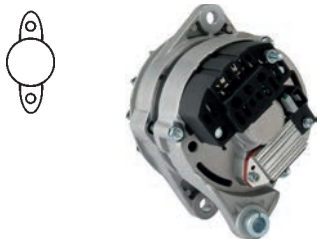
	HC-CARGO	Model		Replacing	Information
 	**111289**	7000 Series	7000	9120331872, 9120331864, 9120331854, 0120489957, 0120489896, 0120489895, 0120489889, 0120489844, ALS12N-75, ALS12N-72, ALS12N-51, R72GB10346NA, 89AX10300HA, 89AX10300EA, 89AB10300HA, 89AB10300GB, 89AB10300GA, 89AB10300EB, AAK4524, AAK4520, AAK4519, AAK4513, AAK4135, AAK3590, AAK1358, AAK1114, 11.201.676, 11.201.579, 61920314, 61920311, 54022620, 54022572, 54022243, 54022147, 54021921, 54021919, 24318, 24199, 24181, 943358010, 943356639, 943356633, 63358020, 63358010, 9516742, 9516740, 9516709, 9515734, A5T31774, A5T31773, A5T31772, A5T31372, A005T31774, A005T31773, A005T31772, A005T31372, 9AR5092K, 9AR5022G, 9AR5022, 9AR2978, 9AR2843G, 9AR2707G, 9AR2703, 9AR2701, 9AR2700G, 9AR2700, 2950220, 2940981, 2929780, 2927070	**Voltage:** 14 **Ampere:** 70 **B+:** 9.40 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 35.00 **B:** 12.50 **C:** 80.00
 	**111355**	7800, 8000 Series	7800, 8700 Jumbo	0120489385, 0120489384, 0120489293, 858776, AAK4598, AAK4523, AAK3369, AAK3312, 11.203.097, 11.201.876, 11.201.810, 11.201.578, 54022752, 54022647, 54022642, 54022639, 54022579, 54022428, 54022408, 54022382, 54022200, 54022176, 63324387, 63324294, 63324245, 54208288, 2541400, 2541290	**Voltage:** 14 **Ampere:** 65 **B+:** M6-6.30 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 37.00 **B:** 11.50 **C:** 81.00

EICHER

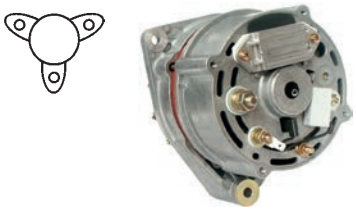
	HC-CARGO	Model		Replacing	Information
 	**111649**	300, 3000	330, 3026, 3257, S	0120400775, 0120339545, 0120339544, 0120339543, 0120339513, 0120339512, 0120339511, 0120300562, AAG1343, 11.201.784	**Voltage:** 14 **Ampere:** 33 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 76.00 **B:** 56.00

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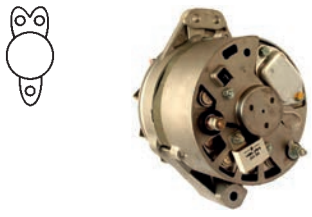
FAHR

	HC-CARGO	Model		Replacing	Information
	**112097**	M Series	M1000 Series	0120489796, 0120489795, 0120489794, 0120489793, 0120489792, 0120489639, 0120489638, 0120489612, 2998230, AAK3564, AAK1209, AAK1110, 11.201.468, 11.201.075, 11.201.055, LRA2378, A0828, 61920271, 943320025, 63321163, 63321161, 63321115, 63321104, 63321063, 63321055, 63321052, 63321050, 63321049, 9AR3952G, 9AR3952, 9AL3955G, 860141, 19025057, 19025044, 2939520	**Voltage:** 28 **Ampere:** 30 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** w/o **A:** 45.00 **B:** 17.00 **C:** 63.00

FENDT

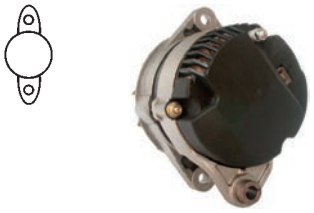
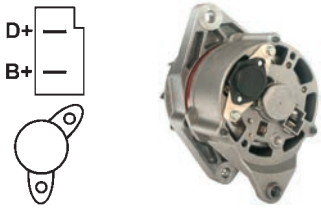
	HC-CARGO	Model		Replacing	Information
	**112196**	Farmer	300 SERIES, 600, 610, 611	0124615053, 0123510075, 0123510074, 0123510060	**Voltage:** 14 **Ampere:** 143 **B+:** M8 **Pulley:** w/o **Fan:** IF **B:** 56.00 *Bosch Type.*
	**114192**	Vario	Various Models	AAN5511, AAN5346, 11.204.187, 11.203.389	**Voltage:** 14 **Ampere:** 200 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00
	**111978**	Various Models		6033GB2009, 0120484021, 0120484015, AKK4322, 11.203.333	**Voltage:** 14 **Ampere:** 120 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 56.00
	**114735**	Various Models		0123520015, AAN5308	**Voltage:** 14 **Ampere:** 150 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00

FERRARI

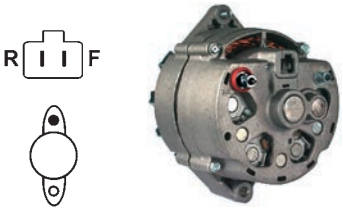
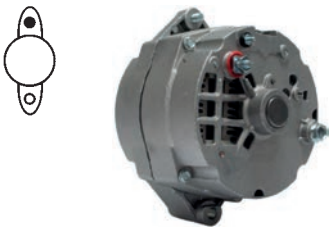
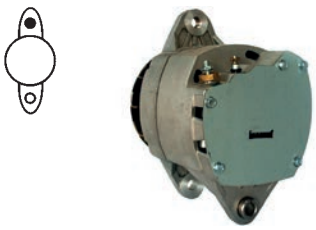
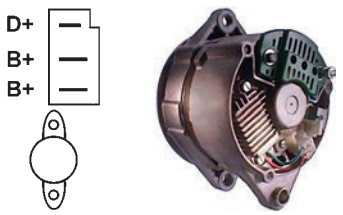
	HC-CARGO	Model		Replacing	Information
	**111168**	40	40 WDT	0120489952, 0120489951, 0120489950, 0120489948, 0120489947, 0120489125, 0120489124, 0120489123, AAK4133, AAK3129, 11.201.927, 11.201.299, 9516761, 9516760, 9516716, 443113516761, 719, 619, 3493719, 3493619, 3472208, 3472066, 3472051, 208, 066, 051, A13N214, 2541341	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 84.00 **B:** 56.00

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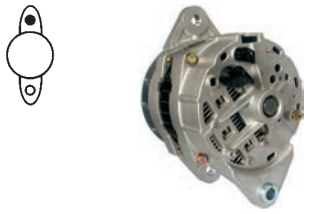
	HC-CARGO	Model		Replacing	Information
	**111686**	100, 110, 115, 130	100.90, 110.90, 115.90, 130.90	0120489338, 0120489219, 0120489212, 0120489153, 0120489152, 0120489136, 0120489018, 0120488251, AAK4543, AAK4176, AAK4155, AAK4154, AAK1228, 11.201.662, 11.201.514, 11.201.357, 11.201.329, 943321019, 943320049, 63321146, 63321099, 63321031, 63321022, 63321021, 63321020, 63321019, 9515080, 9AR2951L, 9AR2951, 19025060, 2929510, 2565995, 2565994	**Voltage:** 14 **Ampere:** 65 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 49.50 **B:** 17.00 **C:** 64.50
	**111180**	400, 500	420, 500S, 540, DT	0120339528, 0120339527, 0120339516, 0120339515, AAG1130, AAG1104, AAG0402, 11.201.783, 11.201.037, 943356274, 63300931, 63300921, 63300920, 63300901, 63300900, 63300802, 63300521, 30680274, 9AR5006G, 19025063, 19025042	**Voltage:** 14 **Ampere:** 33 **B+:** 9.40 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 49.00 **B:** 25.00 **C:** 74.00

FIAT-ALLIS

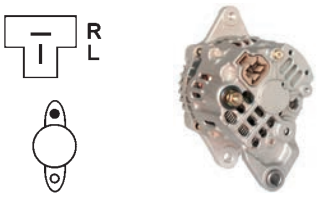
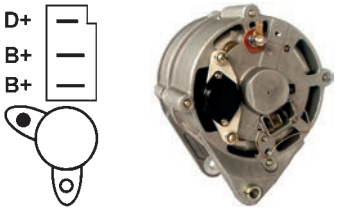
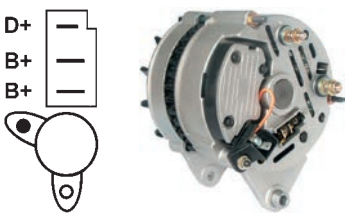
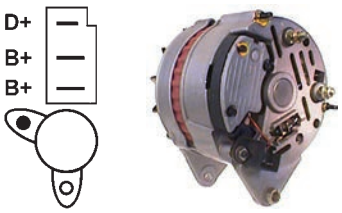
	HC-CARGO	Model		Replacing	Information
	**110075**	Various Models		1102945, 1102944, 1102370, 1100951, 1100944, 1100943, 1100939, 1100933, 1100932, 1100931, 1100921	**Voltage:** 14 **Ampere:** 60 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 75.00 **B:** 51.00 *As HC-CARGO 110215 (90 A). Regulator: HC-CARGO 130505.*
	**110504**	Various Models		1105073, 1102875, 1100589	**Voltage:** 14 **Ampere:** 90 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 51.00 *Same as HC-CARGO 110505 (75 A).*
	**110801**	Various Models		0122469003, 0122469001, 100211-0860, A0012303JB, 2303JB, 321-665, 321-660, 1117655, 1117650, 1117647, 1117645, 1117644, 1117643, 1117642, 1117640, 1117623, A13R182	**Voltage:** 28 **Ampere:** 45 **B+:** 1/4" UNF **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 14.80 **C:** 100.00
	**110912**	Various Models		9120144239, 9120144238, 9120144202, 9120144201, 0120489753, 0120489752, 0120489743, 0120489742, 63321493, 63321197, 63321172, 63321080, 63321071, 63321061, 63321010, 63321008, 63320141, 63320128, 19025067, 19025056, 19025049, A13E23, 2541234, 2541233	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 44.50 **B:** 16.40 **C:** 66.00

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FIAT-ALLIS

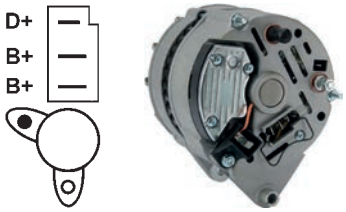
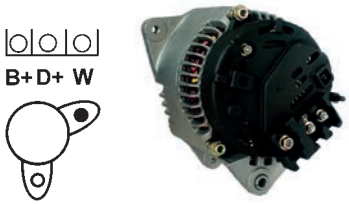
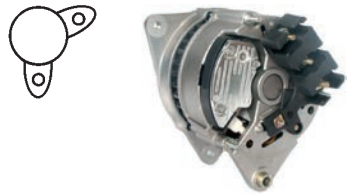
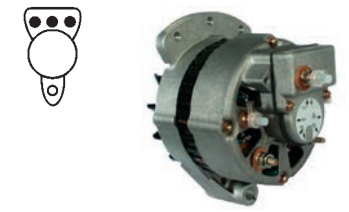
	HC-CARGO	Model		Replacing	Information
	**112992**	Various Models		1117915	**Voltage:** 28 **Ampere:** 70 **B+:** M8 **Pulley:** w/o **Fan:** EF **B:** 15.75 **C:** 101.55 *Replacing: 20SI. Negative grounding. One wire system. B+ 5/16".*

FORD

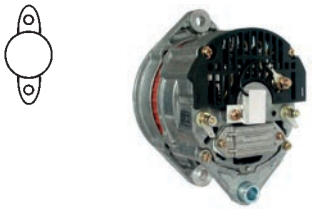
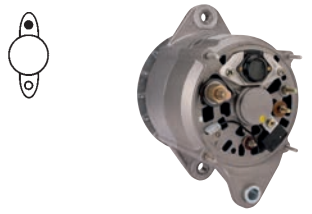
	HC-CARGO	Model		Replacing	Information
	**113562**	1000 Series	1320, 1520, 1530	SBA185046320, A7T03877, A007TA1777, A007T03877	**Voltage:** 14 **Ampere:** 40 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 42.00 **B:** 12.90 **C:** 81.50
	**111289**	2000 Series	2000	9120331872, 9120331864, 9120331854, 0120489957, 0120489896, 0120489895, 0120489889, 0120489844, ALS12N-75, ALS12N-72, ALS12N-51, R72GB10346NA, 89AX10300HA, 89AX10300EA, 89AB10300HA, 89AB10300GB, 89AB10300GA, 89AB10300EB, AAK4524, AAK4520, AAK4519, AAK4513, AAK4135, AAK3590, AAK1358, AAK1114, 11.201.676, 11.201.579, 61920314, 61920311, 54022620, 54022572, 54022243, 54022147, 54021921, 54021919, 24318, 24199, 24181, 943358010, 943356639, 943356633, 63358020, 63358010, 9516742, 9516740, 9516709, 9515734, A5T31774, A5T31773, A5T31772, A5T31372, A005T31774, A005T31773, A005T31772, A005T31372, 9AR5092K, 9AR5022G, 9AR5022, 9AR2978, 9AR2843G, 9AR2707G, 9AR2703, 9AR2701, 9AR2700G, 9AR2700, 2950220, 2940981, 2929780, 2927070	**Voltage:** 14 **Ampere:** 70 **B+:** 9.40 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 35.00 **B:** 12.50 **C:** 80.00
	**111363**	2000 Series, 3000 Series	2600, 3600, 3610	54022481, 54022310, 54022292, 24327A, 24256C, 24256A, 24256, 24246A, 24246, 63325256, 63324327	**Voltage:** 14 **Ampere:** 45 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 36.70 **B:** 11.00 **C:** 83.00
	**111739**	2000 Series, 3000 Series	2600, 3600, 3610	F0NN10B376AB, 54022336, 24273A, 24273, 63324273	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Terminal:** BS/W **Pulley:** w/o **Fan:** EF **B:** 11.40 **C:** 82.30 *w/ battery sensor terminal.*

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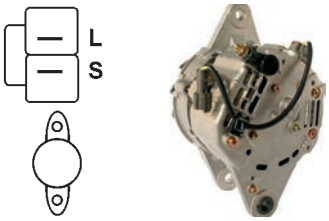
FORD

	HC-CARGO	Model		Replacing	Information
	**111740**	2000 Series, 3000 Series, 4000 Series	2600, 3600, 4100	E7NN10B376BB, E7NN10B376BA, E7NN10B376AB, E7NN10B376AA, E4NN10B376AB, AAK1344, AAK1343, 11.201.504, 11.201.503, 54022337, 24448, 24400, 24274A, 24274, 24250, 24186B, 24186A, 24186, 63324274	**Voltage:** 14 **Ampere:** 70 **B+:** M6 **Terminal:** BS/W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 35.50 **B:** 11.30 **C:** 82.70 *w/ battery sensor terminal.*
	**112718**	5000 Series, 6000 Series, 7000 Series	5640, 6640, 7740	F2NN10B376AA, F0NN10B376CA, F0NN10B376BB, AAK5326, 11.203.042, 54022527, 54022443, 63321346, 63321285	**Voltage:** 14 **Ampere:** 100 **B+:** M6 **Terminal:** W **Pulley:** SP **Grooves:** 6 **Fan:** IF **A:** 32.00 **B:** 14.00 **C:** 83.80
	**113623**	5000 Series, 6000 Series, 7000 Series	5640, 6640, 7740	F2NN10B376CA, F2NN10B376BA, F0NN10B376AA, 54022626, 54022525, 54022397, 24415, 24414, 24385, 24384, 24295B, 24295A, 24295, 63324385, 63324384, 63324295	**Voltage:** 14 **Ampere:** 70 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** w/o **B:** 12.00 **C:** 82.60
	**110170**	8000 Series, TW	8210, TW 15, TW 20, TW 25	D7NN10300B, 8MA2014PA, 8MA2014P, 8MA2010PA, 8MA2010P	**Voltage:** 14 **Ampere:** 72 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 74.75 **B:** 51.25 *Regulator: HC-CARGO 131175.*

GOLDONI

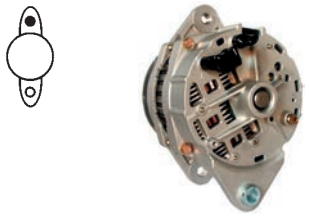
	HC-CARGO	Model		Replacing	Information
	**112768**	50, 3000	55 B, 3050, 3070	0120489457, 0120489402, 0120489019, 0120488195, 0120488194, 451013, AAK4518, AAK4138, AAK1117, 11.201.600, 11.201.571, 11.201.304, 11.201.071, 943356316, 943321095, 63321095, 63320037, 63305120, 30680316	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 45.00 **B:** 17.00 **C:** 70.00
	**112773**	50, 3000	55 B, 3070	120468055	**Voltage:** 14 **Ampere:** 135 **B+:** 7/16" UNC **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 14.22 **C:** 100.00

HITACHI

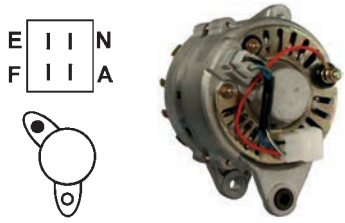
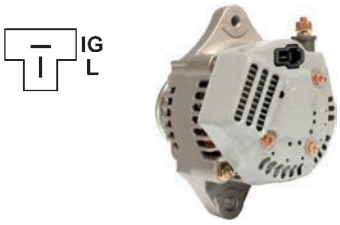
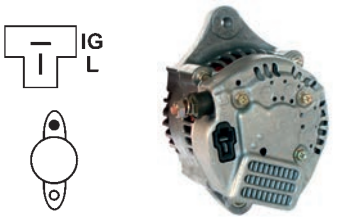
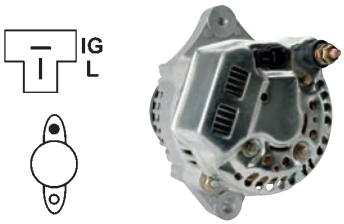
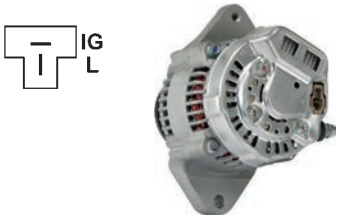
	HC-CARGO	Model		Replacing	Information
	**113886**	Excavators	Zaxis 200 Forester	A4TU5486, A4TU5485, A004TU5486	**Voltage:** 28 **Ampere:** 50 **B+:** M6 **Pulley:** SP **Grooves:** 3 **Fan:** EF **A:** 60.00 **B:** 13.00 **C:** 70.00

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INTER HARV.

	HC-CARGO	Model		Replacing	Information
	**112160**	CM-Serie	1455 A	0-35000-0480, 0-35000-0471, 0-35000-0461, 0-35000-0460, 0-35000-0392, 0-35000-0391, 0-35000-0390, 19020391, 19020383, 19020382, 19020376, 19020346, 19020307, 19011192, 19010200, 19010199, 19010195	**Voltage:** 28 **Ampere:** 75 **B+:** M6 **Pulley:** w/o **Fan:** EF **B:** 14.25 **C:** 101.50 *Replacing: 21SI. One wire system.*

ISEKI

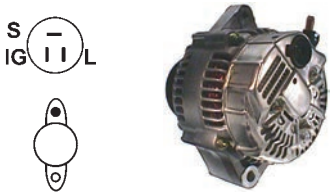
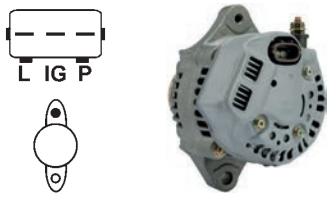
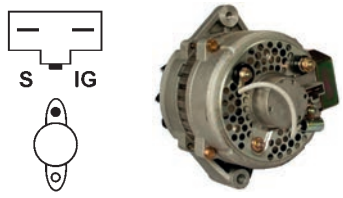
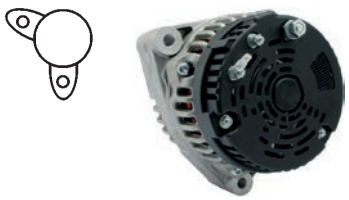
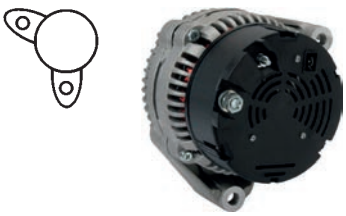
	HC-CARGO	Model		Replacing	Information
	**111042**	200	234, 235, 244, 245, 254	021000-6980, MD017645, MD017635, AH2035M4, AH2035M, AH2025M4, A1T22074, A1T11574, A001T22074, A001T11574	**Voltage:** 14 **Ampere:** 35 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 42.50 **B:** 12.10 **C:** 66.90
	**113699**	300	325	101211-1200	**Voltage:** 14 **Ampere:** 40 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 41.50 **B:** 24.00
	**111048**	500	530	101211-2480, 101211-1230, 101211-1180, 101211-1040, 100211-4690, 100211-4680, 100211-4670	**Voltage:** 14 **Ampere:** 40 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 43.00 **B:** 24.00
	**113921**	500	530	101211-1361, 101211-1360, 100211-4771, 100211-4770, 100211-4740, 100211-4650, 100211-4610	**Voltage:** 14 **Ampere:** 40 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 43.50 **B:** 24.00
	**114190**	Various Models		101211-2040	**Voltage:** 14 **Ampere:** 60 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 43.50 **B:** 21.50

JCB

	HC-CARGO	Model		Replacing	Information
	**114772**	Various Models		AAK5807, AAK5758, AAK5583, 11.204.467, 11.204.115, 11.203.812, 11.203.440	**Voltage:** 14 **Ampere:** 95 **B+:** M8 **Pulley:** SP **Grooves:** 8 **Fan:** IF **A:** 30.50 **B:** 14.10 **C:** 80.75

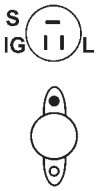
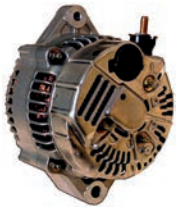
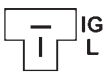
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JOHN DEERE

	HC-CARGO	Model		Replacing	Information
	**110105**	1000 Series	1032, 1042, 1052	0120489704, 0120489703, 0120488290, 0120488267, 0120488218, 0120300545, 0120300535, 0120300516, AAK3328, AAK1362, AAK1330, 11.201.929, 11.201.665, 11.201.592, 11.201.453, 9AR2968K, 9AR2968, 510-384	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 83.30 **B:** 56.00
	**111215**	1000 Series	1065, 1068, 1072	100211-6051, 100211-6050, 100211-6031, 100211-6030	**Voltage:** 14 **Ampere:** 120 **B+:** M8 **Pulley:** DP **Grooves:** 2 **Fan:** IF **A:** 94.60 **B:** 57.65
	**113531**	1000 Series	1065, 1068, 1072	F005A00025, 9120060042, 0120484019, 0120484017, 0120484012, AAK4321, 11.204.405, 11.203.332	**Voltage:** 14 **Ampere:** 120 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** w/o **B:** 56.20
	**113632**	1000 Series	1065, 1068, 1072	012060040, 0120489317, 0120489156, 0120488217, 0120484020, 0120484016, 0120484003, 0120484002, AAK5197, AAK4829, AAK3329, 11.204.391, 11.201.989, 11.201.934, 9515361, 9515102, 9513170, 9513071	**Voltage:** 14 **Ampere:** 85 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.10
	**113742**	3000 Series	3120, 3320, 3520	101211-1380, 101211-1170	**Voltage:** 14 **Ampere:** 40 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 43.00 **B:** 21.00
	**110445**	4000 Series	4450, 4455	100211-5800, 100211-0790, 100211-0292, 100211-0291, 100211-0290, 100211-0281, 100211-0280, 8MR2035T, 110-244, 110-238	**Voltage:** 14 **Ampere:** 90 **B+:** M6 **Pulley:** w/o **Fan:** EF **B:** 51.00
	**112062**	6000 Series	6110, 6320, 6420 S	0124515126, 0123512500, AAN5156, 11.203.204	**Voltage:** 14 **Ampere:** 115 **B+:** M8 **Pulley:** w/o **Fan:** IF **B:** 56.00 *SP/FW 235718 can be used.*
	**112529**	6000 Series	6020, 6120, 6220	0123335003, 0123320061, 0123320045, 0123320010, 0123315501, AAK5391, AAK5382, AAK5306, 11.203.186, 11.203.167, 11.203.005, LRA1860, A13VI99, A13VI197, A13VI175, A13VI134, 2541959, 2541919B, 2541919, 2541838A, 2541838, 2541775B	**Voltage:** 14 **Ampere:** 90 **B+:** M8 **Terminal:** W **Pulley:** SP **Grooves:** 6 **Fan:** IF **A:** 92.00 **B:** 56.10

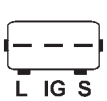
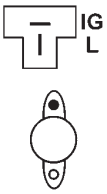
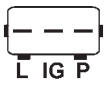
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	HC-CARGO	Model		Replacing	Information
	**113949**	6000 Series	6120, 6220	0124525147, 0123515503, 0123515501, 0123515500, AAN8166, AAN5122, AAN5120, 11.204.254, 11.203.065, 11.203.051	**Voltage:** 14 **Ampere:** 150 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00
	**114681**	6000 Series	6230, 6330, 6430	124325166	**Voltage:** 14 **Ampere:** 90 **B+:** M8 **Pulley:** w/o **Fan:** IF Not Insulated return **B:** 56.00
 	**111830**	7000 Series	7710, 7800, 7810	100211-6420	**Voltage:** 14 **Ampere:** 140 **B+:** M8 **Pulley:** SP **Grooves:** 8 **Fan:** IF **A:** 90.50 **B:** 58.00
 	**113707**	7000 Series	7430, 7530	0124625031, AAN5840, 11.204.424	**Voltage:** 14 **Ampere:** 200 **B+:** M8 **Pulley:** w/o **Fan:** IF **B:** 56.00
 	**113899**	8000 Series	8120, 8220, 8320	0124615029, 0123515502	**Voltage:** 14 **Ampere:** 150 **B+:** M8 **Terminal:** W **Pulley:** SP **Grooves:** 8 **Fan:** IF **A:** 87.00 **B:** 56.00
NEW PRODUCT www.hc-cargo.com	**114211***	9630, Various Models	9630	0124625030, 0124625029	**Voltage:** 14 **Ampere:** 200 **B+:** M8 **Pulley:** w/o **Fan:** IF **B:** 56.00
NEW PRODUCT www.hc-cargo.com	**114864**	Farm	Various models (Tractor)	8600479, 8600050, 19011195, 19011189, 10459353	**Voltage:** 28 **Ampere:** 75 **B+:** 1/4" UNC Insulated return **B:** 14.2 **C:** 102.0
 NEW PRODUCT www.hc-cargo.com	**115435**	Mowers	Various Models	101211-2201, 101211-2200	**Voltage:** 14 **Ampere:** 50 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 50.00 **B:** 21.00

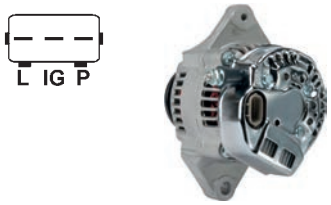
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JOHN DEERE

	HC-CARGO	Model		Replacing	Information
 	**113975**	Sprayers	Various models	104210-3921, 104210-3920	**Voltage:** 14 **Ampere:** 150 **B+:** M6 **Pulley:** SP **Grooves:** 8 **Fan:** IF **B:** 58.00 **C:** 0.00
 	**111647**	Various Models		390087, 2191166, 21EA00050	**Voltage:** 28 **Ampere:** 60 **B+:** M6 **Pulley:** w/o **Fan:** EF **B:** 15.00 **C:** 102.00
 	**112160**	Various Models		0-35000-0480, 0-35000-0471, 0-35000-0461, 0-35000-0460, 0-35000-0392, 0-35000-0391, 0-35000-0390, 19020391, 19020383, 19020382, 19020376, 19020346, 19020307, 19011192, 19010200, 19010199, 19010195	**Voltage:** 28 **Ampere:** 75 **B+:** M6 **Pulley:** w/o **Fan:** EF **B:** 14.25 **C:** 101.50 *Replacing: 21SI. One wire system.*
 	**113401**	Various Models		LR140-727, LR140-723B, LR140-721E, LR140-721D, LR140-721C, LR140-721B, LR140-721, LR140-719	**Voltage:** 14 **Ampere:** 40 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 41.50 **B:** 12.00 **C:** 67.20
 	**113542**	Various Models		9516765, 9515765, 443113515765	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 84.00 **B:** 56.00
 	**113543**	Various Models		LRA02116, 9516241, 9515241, 443113516241, 443113515241	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Terminal:** W **Pulley:** SP **Grooves:** 8 **Fan:** EF **A:** 77.40 **B:** 50.75
 	**114263**	Various Models		101211-3410	**Voltage:** 14 **Ampere:** 50 **B+:** M6 **Pulley:** SP **Grooves:** 1 **Fan:** IF Not Insulated return **A:** 44.00 **B:** 21.10
	**114379**	Various Models		0124615043, AAN5869, 11.204.502	**Voltage:** 14 **Ampere:** 150 **B+:** M8 **Pulley:** w/o **Fan:** IF Not Insulated return **B:** 56.30

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

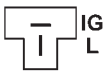
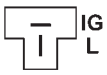
JOHN DEERE

	HC-CARGO	Model		Replacing	Information
	**114518**	Various Models		101211-2951, 101211-2950	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 43.00 **B:** 21.00

KHD

	HC-CARGO	Model		Replacing	Information
NEW PRODUCT www.hc-cargo.com	**115309**	Various Models		AAK4343, 11.203.391	**Voltage:** 28 **Ampere:** 35 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 56.00

KUBOTA

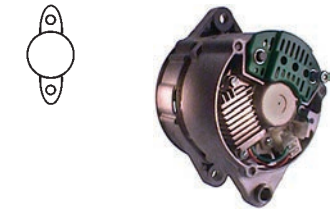
	HC-CARGO	Model		Replacing	Information
	**114657**	Compact Tractor	B2620	6A830-59250	**Voltage:** 14 **Ampere:** 14 **Pulley:** P **Grooves:** 1 **A:** 62.0 **B:** 16.0
 	**114515**	M, Tractors	M7580DT, M8580DT, Various models	100211-6780	**Voltage:** 14 **Ampere:** 45 **B+:** M6 **Pulley:** DP **Grooves:** 2 **Fan:** IF **A:** 42.50 **B:** 24.00
 NEW PRODUCT www.hc-cargo.com	**114807**	Series-M	6800, 8200, 9000	A1TA3677, A1TA1777, A001TA1777	**Voltage:** 14 **Ampere:** 60 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 63.00 **B:** 29.00
	**114516**	Tractors	Various Models	15531-64017, 15531-64016, 15531-64013	**Voltage:** 14 **Ampere:** 14 **Grooves:** 1 **A:** 64.00 **B:** 16.00

LAMBORGHINI

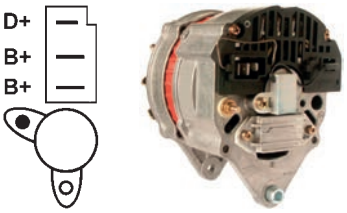
	HC-CARGO	Model		Replacing	Information
 	**110882**	1100 Series, 1300	1106 (2RM), Various Models, 1306 (DT)	0120489765, 0120489762, 0120489761, 0120489145, 0120489106, 021000-0320, AAK4162, AAK3197, 11.209.443, 11.201.336, 11.201.070, 61920270, 943356305, 943321044, 943320021, 943305226, 63321037, 63321036, 63321035, 63320021, 63307256	**Voltage:** 14 **Ampere:** 45 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** w/o **A:** 47.00 **B:** 16.25 **C:** 63.00

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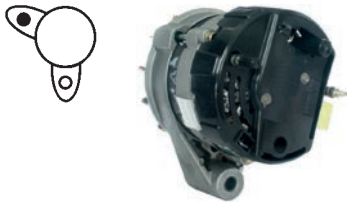
LAMBORGHINI

	HC-CARGO	Model		Replacing	Information
	**110890**	1100 Series, 1300 Series	Various Models	9120331881, 0120489838, 0120489770, 0120489763, 0120489151, 0120489147, 0120489146, 0120489134, AAK4140, AAK3560, AAK1135, 11.201.457, 11.201.306, 11.201.242, 11.201.112, 61920269, 943356353, 943320023, 63321180, 63321041, 63320100, 63320023, 63307841, 63307536, 63307526, 9AL5050K, 19025046, 2950500	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** w/o **A:** 49.00 **B:** 17.00 **C:** 63.00

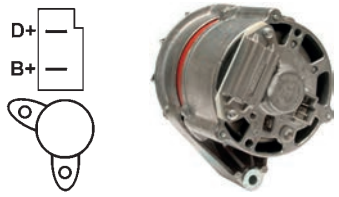
LANDINI

	HC-CARGO	Model		Replacing	Information
	**113474**	60, 80, 5000, Altantis	60, 80, 100, 5860	9124476014, AAK3320, AAK1324, 11.201.913, 11.201.396, 54022007, 54022001, 24090, 24067, 24034, 24015, 24013, 23996, 23943, 23938, 23937, 23902, 23862	**Voltage:** 14 **Ampere:** 65 **B+:** Plug **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 35.90 **B:** 11.00 **C:** 82.55

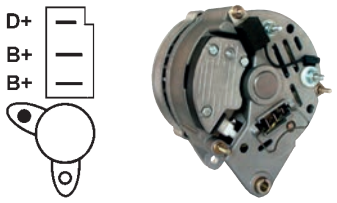
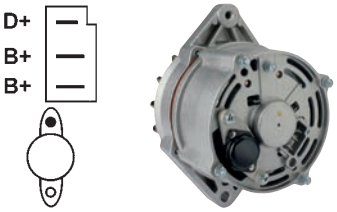
MAHINDRA

	HC-CARGO	Model		Replacing	Information
	**113683**	Various Models		40001C01, 26921168A, 26921168, 26021278, 26021276, 004001C01	**Voltage:** 14 **Ampere:** 36 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 90.60 **B:** 56.00

MARSHALL

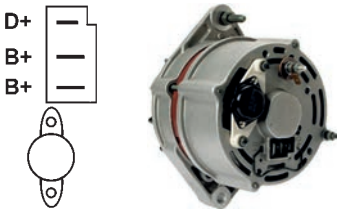
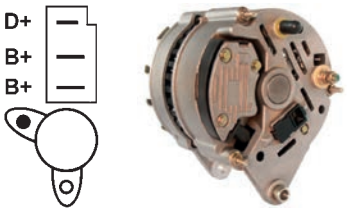
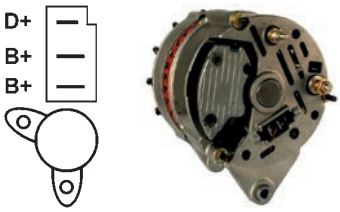
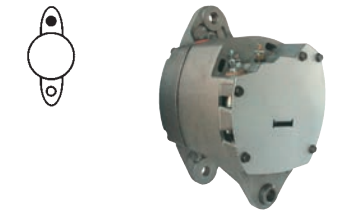
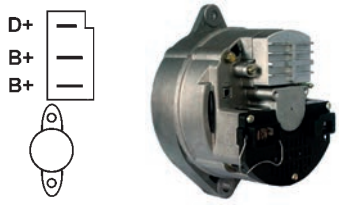
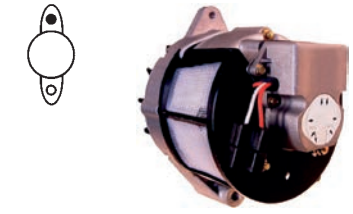
	HC-CARGO	Model		Replacing	Information
	**113469**	D	D 100, D 135, D 150, D 642	0120339526, AAG1307, 11.201.062	**Voltage:** 14 **Ampere:** 33 **B+:** 9.40 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 75.50 **B:** 55.90 *Dust proof.*

MASSEY FERGUSON

	HC-CARGO	Model		Replacing	Information
	**110770**	MF 100, MF 1000	184, 1014, 1114	873F10300BA, 86VB10300AA, 86VB10300A2A, 86VB10300A2, AAK4574, AAK4568, 11.201.728, 11.201.707, 54022686, 54022625, 54022623, 54022621, 54022616, 54022590, 54022554, 54022536, 54022483, 54022458, 63324157	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** w/o **B:** 11.20 **C:** 82.00
	**111948**	MF 100, MF 200	152, 194, 240	AAK4554, 11.201.693, 24123A, 24123, 24087D, 24087B, 24087A, 24087, 24022A, 24022, 24019A, 24019, 23880, 23865A, 23865, 9AR5070K, 9AR5040K, 9AR2944K, 9AR2862K, 9AR2862, 9AR2861K, 9AR2856K, 9AR2856, 9AR2853K, 9AR2853, 9AR2786, 9AR2566, 2950700, 2940772, 2928610, 2541148, 2541131, 2541130, 2518051	**Voltage:** 14 **Ampere:** 70 **B+:** Plug **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 29.00

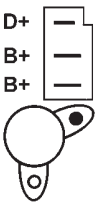
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MASSEY FERGUSON

	HC-CARGO	Model		Replacing	Information
	**110970**	MF 200	240, 245, 254	AAG1310, 11.201.095, NAB302, 9AR2549F, 9AR2549, 9AR2548K, 9AR2548, 9AR2547F, 9AR2547, 510-56, 510-39, 510-38	**Voltage:** 14 **Ampere:** 65 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 58.00 **B:** 27.10
	**111355**	MF 300	350	0120489385, 0120489384, 0120489293, 858776, AAK4598, AAK4523, AAK3369, AAK3312, 11.203.097, 11.201.876, 11.201.810, 11.201.578, 54022752, 54022647, 54022642, 54022639, 54022579, 54022428, 54022408, 54022382, 54022200, 54022176, 63324387, 63324294, 63324245, 54208288, 2541400, 2541290	**Voltage:** 14 **Ampere:** 65 **B+:** M6-6.30 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 37.00 **B:** 11.50 **C:** 81.00
	**112722**	MF 3000	3085, 3645, 3655	54022751, 54022746, 54022656, 54022580, 54022561, 54022560, 54022532, 54022530, 54022529, 54022528, 63324407	**Voltage:** 14 **Ampere:** 70 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 10.50 **C:** 83.50
	**112989**	MF 4000	Various Models	321-666, 1117641, 1117628, 1117621, 1117620, 1117618, 1117613, 1117612, 1117611, 10459200, 10459020	**Voltage:** 14 **Ampere:** 60 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 14.85 **C:** 101.65 *Replacing: 20SI. Negative grounding. One wire system. B+ 1/4".*
	**110107**	MF 500, MF 2000, MF 3000	550, 2640, 3650	LR150-191, LR150-190, 24204, 24124, 24033A, 24033, 9AR5083G, 9AR5010F, 9AR2888, 9AR2887, 9AR2725F, 510-501, 510-492, 510-456, 510-368, 510-320, 9AR2725	**Voltage:** 14 **Ampere:** 55 **B+:** 6.30 **Pulley:** w/o **Fan:** w/o **B:** 27.00
	**111736#**	MF 500, MF 800	550, 850, 860	8MR2033T, 110-252	**Voltage:** 14 **Ampere:** 90 **B+:** 1/4" UNC **Pulley:** w/o **Fan:** EF **B:** 51.00
	**113961**	MF 6000	6110, 6120, 6130	A13VI243, 2542300A, 2542300	**Voltage:** 14 **Ampere:** 120 **B+:** M6 **Terminal:** W **Pulley:** DP **Grooves:** 2 **Fan:** IF **A:** 29.00 **B:** 14.30 **C:** 83.00

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

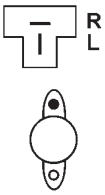
MASSEY FERGUSON

	HC-CARGO	Model		Replacing	Information
	**114049**	MF 6000	6235, 6245, 6255	AAK5562, AAK5323, AAK5194, AAK5193, AAK5189, 11.203.388, 11.203.365, 11.203.033, 11.201.976	**Voltage:** 14 **Ampere:** 120 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF Not Insulated return **B:** 14.23 **C:** 82.50
	**114671**	MF 6000	MF 6485, MF 6490	AAK5599, AAK5577, AAK5560, 11.203.523, 11.203.423, 11.203.383	**Voltage:** 14 **Ampere:** 120 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00
 	**111184**	Various Models		5010556, 61920289, 61920287, 61920107, 54021987, 54021873, 54021764, 54021551, 54021351, 26024243, 24237A	**Voltage:** 14 **Ampere:** 43 **Pulley:** w/o **Fan:** IF **B:** 9.85 **C:** 87.00 *For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.*
	**114360**	Various Models			**Voltage:** 14 **Ampere:** 70 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** w/o **B:** 11.50 **C:** 83.00

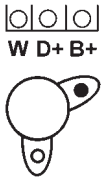
MERCEDES-BENZ

	HC-CARGO	Model		Replacing	Information
 	**111141**	1000, 1100, 1300	1000, 1100, 1300	0120489757, 0120489726, 0120489725, 0120489315, 0120489032, 0120488282, 0120400700, AAK4549, AAK1301, AAK1130, 11.201.685, 11.201.102, 11.201.097, 2940793, 523159, 523158, 2325158	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** w/o **B:** 80.00

MITSUBISHI

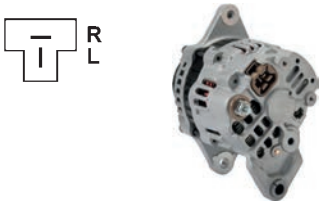
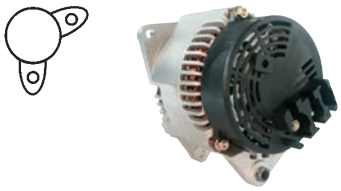
	HC-CARGO	Model		Replacing	Information
 	**111832**	Various Models	Various Models (Tractors)	MM438844, MM435752, MM435081, MM432804, A0T25373, A0T25371, A0T25271, A0T25171, A000T25373	**Voltage:** 14 **Ampere:** 40 **B+:** M5 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 42.00 **B:** 16.75 **C:** 41.00

NEW HOLLAND

	HC-CARGO	Model		Replacing	Information
 	**113529**	8000	8000 Series, 8260, 8360	AAK5592, AAK5355, AAK5354, 11.203.494, 11.203.088, 11.203.087, 63321753	**Voltage:** 14 **Ampere:** 120 **B+:** M6 **Terminal:** W **Pulley:** SP **Grooves:** 8 **Fan:** IF **A:** 32.00 **B:** 14.10 **C:** 83.30

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NEW HOLLAND

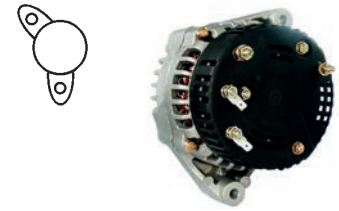
	HC-CARGO	Model		Replacing	Information
	**113898**	CX800	840	8SC2023Z, 8SC2282VG, 110-565	**Voltage:** 14 **Ampere:** 185 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 14.75 **C:** 101.70
	**114759**	TC	TC Various Models	A7TA1777	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 41.00 **B:** 13.00 **C:** 82.50
	**114669**	TL	TL Series	63321503, 63321502, 63321458, 63321424, 63320137, 63320124	**Voltage:** 14 **Ampere:** 65 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** w/o **B:** 17.00 **C:** 65.00
	**113621**	Various Models		4170444, 1C1T10300BB, AAK5759, AAK5746, 11.203.822, 11.203.730, 63321817, 63321743	**Voltage:** 14 **Ampere:** 115 **B+:** M6 **Pulley:** SP **Grooves:** 6 **Fan:** IF **A:** 33.55 **B:** 14.10 **C:** 83.35
NEW PRODUCT www.hc-cargo.com	**114450***	Various Models		AAK4314, AAK1832, 11.204.484, 11.204.327, 11.203.714, 11.203.302	**Voltage:** 14 **Ampere:** 120 **Pulley:** SP **Grooves:** 8 **Fan:** EF

RENAULT AGRICULTURE

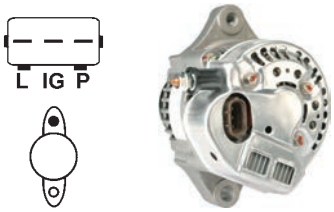
	HC-CARGO	Model		Replacing	Information
	**114513**	Ares	610 (RX,RZ)	AAK5125, 11.201.738	**Voltage:** 14 **Ampere:** 95 **B+:** M8 **Terminal:** W **Pulley:** SP **Grooves:** 8 **Fan:** IF **A:** 83.00 **B:** 56.00
	**114514**	Ares	710, 725, 735	AAK5157, 11.201.830	**Voltage:** 14 **Ampere:** 95 **B+:** M8 **Terminal:** W **Pulley:** SP **Grooves:** 8 **Fan:** IF **A:** 77.10 **B:** 50.00
	**113432**	Various Models		321-688, 19010156, 1117952, 1117948, 1117933, 1117924, 1117916, 10459051, 10459050	**Voltage:** 14 **Ampere:** 145 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 14.30 **C:** 101.20 *Replacing: 21SI. Negative grounding. One wire system. B+ 1/4".*

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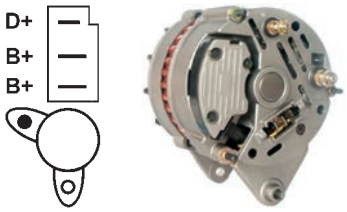
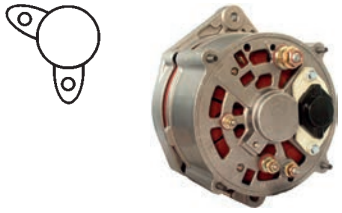
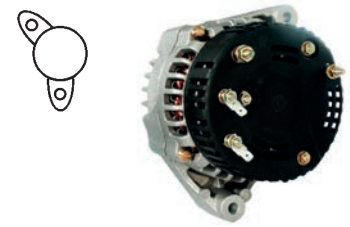
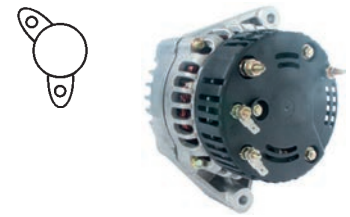
SAME

	HC-CARGO	Model		Replacing	Information
	**112556**	Titan	Titan 160, Titan 190	AAK5363, AAK5315, AAK5118, AAK5114, 11.203.098, 11.203.016, 11.201.675, 11.201.666	**Voltage:** 14 **Ampere:** 95 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00 *Dust proof.*

STEINER

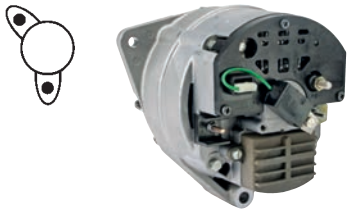
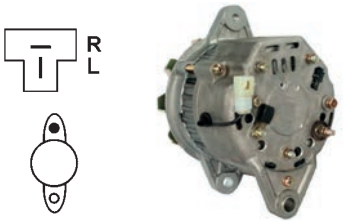
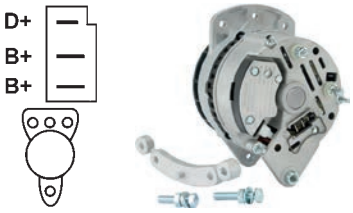
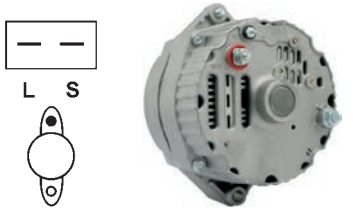
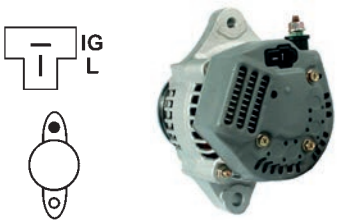
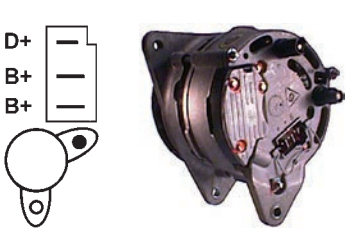
	HC-CARGO	Model		Replacing	Information
	**113856**	200	230	100211-4730	**Voltage:** 14 **Ampere:** 40 **B+:** M6 **Pulley:** w/o **Fan:** IF **B:** 24.20

VALTRA

	HC-CARGO	Model		Replacing	Information
	**111362**	300 Series, 400 Series	355, 455	0120489345, 0120489290, R86AX10300AB, 87BB10300BA, 86AX10300DB, 86AX10300AB, 86AX10300AAA, 86AB10300EB, 86AB10300EA, AAK1329, AAK1325, 11.201.415, 11.201.400, 11.201.399, 54022803, 54022740, 54022695, 54022668, 54022598, 54022335, 54022241, 54022211, 54022182, 54022160, 443113516701, 443113516700, 9AR2630K, 2940080, 2926300	**Voltage:** 14 **Ampere:** 55 **B+:** Plug **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 34.50 **B:** 11.00 **C:** 81.00
	**112742**	2000 Series	2005, 2105	0120469749, 0120469522, 0120469507	**Voltage:** 14 **Ampere:** 90 **B+:** M8 **Terminal:** W **Pulley:** DP **Grooves:** 2 **Fan:** w/o **A:** 72.50 **B:** 51.00
	**112556**	8000 Series	8050	AAK5363, AAK5315, AAK5118, AAK5114, 11.203.098, 11.203.016, 11.201.675, 11.201.666	**Voltage:** 14 **Ampere:** 95 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00 *Dust proof.*
	**113610**	S, T	S230, S260, T120, T130, T140	AAK5364, AAK5181, 11.203.099, 11.201.925	**Voltage:** 14 **Ampere:** 120 **B+:** M8x1.25/14.00 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00

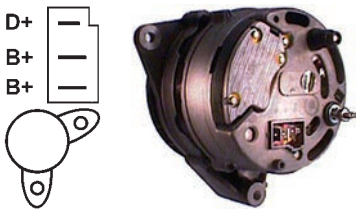
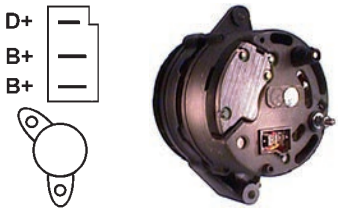
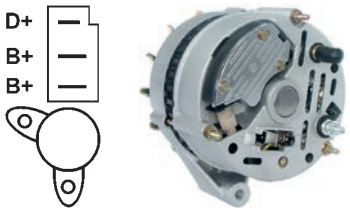
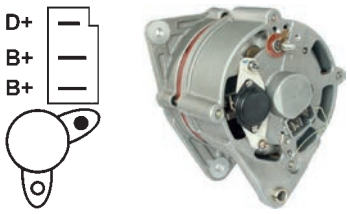
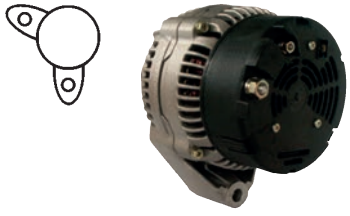
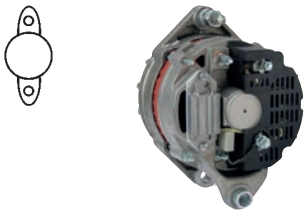
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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
	**110117**		0120489731, 100211-4201, 100211-4200, AAK1854, 11.209.447, 9AR6012G, 9AR6012, 510-427, 2960120	**Voltage:** 28 **Ampere:** 35 **B+:** M6 **Pulley:** w/o **Fan:** EF **B:** 56.00
	**110448**		LR220-24, LR220-23, A1T70783, A001T70783	**Voltage:** 28 **Ampere:** 20 **B+:** M5 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 44.50 **B:** 13.50 **C:** 81.30
	**110497**		9120690170, NAB900, 66921126, 66021155, 66021070	**Voltage:** 14 **Ampere:** 70 **B+:** 9.40 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 42.50 **B:** 10.50 **C:** 84.00 *w/ mounting bearing bracket for left and right engine side.*
	**110505**		1105686, 1105645, 1105619, 1105584, 1105574, 1105573, 1105559, 1105558, 1105556, 1105522, 1105520	**Voltage:** 14 **Ampere:** 75 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** w/o **B:** 50.50 *Replacing: CS130. As HC-CARGO 110504 (90 A).*
	**110591**		321-697, 321-655, 19010024, 19010008, 19010002, 19010000, 1117648, 1117256, 1117249, 1117238	**Voltage:** 28 **Ampere:** 75 **B+:** 7/16" UNC **Pulley:** w/o **Fan:** EF **B:** 14.10 **C:** 101.50 *Replacing: 25SI. One wire system. B+ 7/16".*
	**110620**		100211-4701, 100211-4700, 100211-4531, 100211-4530, 100211-1662, 100211-1661, 100211-1660	**Voltage:** 14 **Ampere:** 35 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 44.00 **B:** 23.50
	**110969**		ALP12N-1, NAB301, 60921031, 60921028, 60210160, 60210159, 60021065, 60021061, 60021041, 60021015, 60021012, 9AR2913, 9AR2878, 9AR2803F, 9AR2706G, 9AR2706, 9AR2704F, 9AR2684P, 9AR2655G, 9AR2653F, 9AR2653	**Voltage:** 14 **Ampere:** 65 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 38.00 **B:** 11.00 **C:** 82.00

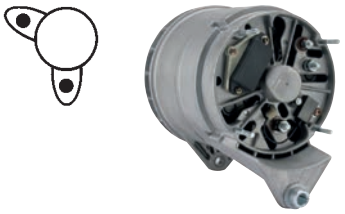
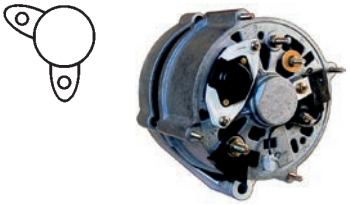
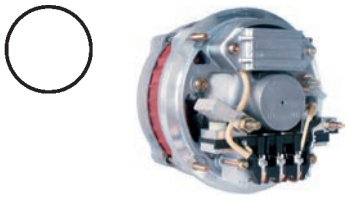
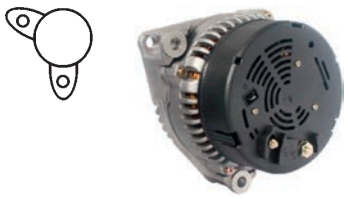
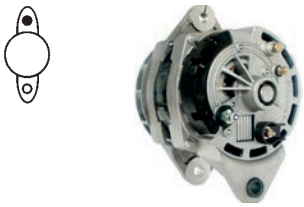
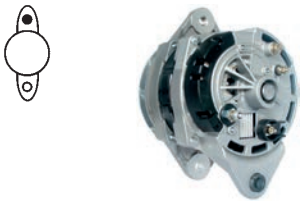
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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
	**110971**#		0120489708, 7530, AAK4503, AAK4192, 11.201.544, 11.201.390, NAB303	**Voltage:** 14 **Ampere:** 65 **B+:** Plug **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 85.00 **B:** 56.00
	**110972**		0120489124, 0120489123, 0120489121, NAB304, 66021101, 60021056, 60021055, 60021054, 3472068, 3472067, 3472052, 3472050, 3471214, 068, 067, 052, 050	**Voltage:** 14 **Ampere:** 65 **B+:** Plug **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 87.90 **B:** 56.00
	**110975**		0120489999, 0120489975, 0120489789, 0120489569, 0120489551, 0120489058, 0120400670, 0120300584, NAB307, 60021068, 60021067, 60021063, 60021026, 54021649, 9AR2529F, 9AR2529, 510-146, 510-123, 2541263, 9FB2LD2A05	**Voltage:** 14 **Ampere:** 65 **B+:** M6 **Terminal:** W **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 82.85 **B:** 56.25
	**111296**		A5524/49, A5524/39, 858619, 857645, 857623, 857601	**Voltage:** 28 **Ampere:** 55 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** w/o Insulated return **B:** 76.00
	**111356**		0120488189, R89FX10300GB, 89FF10300GB, 89FF10300GA, 89FF10300AC, 89FF10300AB, 89FF10300AA, 6181359, AAK4532, 11.201.587, 54022595, 54022581, 54022418, 54022410, 54022389, 54022342, 54022313, 54022291, 54022285, 54022234	**Voltage:** 14 **Ampere:** 55 **B+:** 9.40 **Terminal:** W **Pulley:** SP **Grooves:** 3 **Fan:** EF **A:** 43.00 **B:** 10.80 **C:** 81.00
	**111369**		9123369044, 0123335007, 0123335006, 0123335002, 0123320044, AAK5501, AAK5305, 11.209.001, 11.203.004, A13VI220, A13VI198, A13VI176, A13VI170, A13VI169, A13VI135, A13VI100, 2541992B, 2541992, 2541960	**Voltage:** 14 **Ampere:** 90 **B+:** M8 **Terminal:** W **Pulley:** SP **Grooves:** 6 **Fan:** IF **A:** 92.00 **B:** 56.00
	**111620**		0120489824, 0120489823, 0120489319, 0120489318, 0120489307, 0120489273, 0120489272, 0120488254, AAK4562, AAK4158, 11.201.701, 943321086, 943321084, 943321017, 63321153, 63321152, 63321096, 63321086, 63321084, 63321072	**Voltage:** 14 **Ampere:** 65 **B+:** M6 **Pulley:** SP **Grooves:** 5 **Fan:** EF **A:** 47.75 **B:** 16.30 **C:** 63.00

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
	**111833**		0120689587, 0120689574, 0120689571, 0120689535, 0120689530, 1277670, AAT1339, AAT1338, AAT1321, AAT1308, AAT1306, AAT1302, 11.203.241, 11.203.240, 11.203.139, 19025330	**Voltage:** 28 **Ampere:** 140 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 15.70 **C:** 182.00 *B- M8. Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.*
	**112038**		0120468066, 54022663, 54022646, 54022591, 54022552, 54022510, 54022393, 54022268, 54022267, 54022256, 54022220, 63324242, 9515040	**Voltage:** 28 **Ampere:** 100 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** w/o **B:** 56.00
	**112183**		AAK2306, AAK2301, 11.203.106, 11.201.292, A13N255, A13N165, 2541659, 2541133	**Voltage:** 14 **Ampere:** 60 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** w/o
	**112194**		0123545004, 0123540004, 0123540003, 0123540002, 0123510023, 0123510002, 0123500001, 0120465015, AAN5127, 11.203.110	**Voltage:** 14 **Ampere:** 120 **B+:** M8 **Terminal:** W **Pulley:** SP **Grooves:** 6 **Fan:** IF **A:** 82.20 **B:** 56.00
	**113457**		390049, 219055	**Voltage:** 28 **Ampere:** 60 **B+:** M6 **Terminal:** W **Pulley:** DP **Grooves:** 2 **Fan:** EF **A:** 65.75 **B:** 15.00 **C:** 101.00
	**113458**		390050, 219051	**Voltage:** 28 **Ampere:** 60 **B+:** M6 **Terminal:** W **Pulley:** DP **Grooves:** 2 **Fan:** EF **A:** 45.25 **B:** 15.00 **C:** 101.00
	**113738**		AAK5565, AAK5376, 11.204.040, 11.203.396, 11.203.155	**Voltage:** 28 **Ampere:** 55 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 56.00 *Dust proof.*
	**113763**		102211-8181, 102211-8180, 102211-8171, 102211-8170, 102211-8161, 102211-8160, 54022606, 54022524, 54022469, 54022466, 24480, 24479, 63377462, 63377461, 63377460, 63321466, 63320349	**Voltage:** 14 **Ampere:** 85 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** IF **C:** 82.00

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
	**113895**		6033GB3045	**Voltage:** 28 **Ampere:** 80 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 56.00
NEW PRODUCT www.hc-cargo.com	**114004**		AAN5136, AAN5125, 11.203.119, 11.203.103	**Voltage:** 14 **Ampere:** 150 **B+:** M8 **Terminal:** W **Pulley:** SP **Grooves:** 7 **Fan:** IF **A:** 81.67 **B:** 56.00 *Iskra type*
 	**114256**		102211-5700, 102211-1440, 101211-4280, 101211-0690	**Voltage:** 14 **Ampere:** 70 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 92.60 **B:** 58.30
	**114355**		9120060033	**Voltage:** 28 **Ampere:** 55 **B+:** M8 **Terminal:** W **Pulley:** DP **Grooves:** 2 **Fan:** EF **A:** 50.00 **B:** 20.00
	**114464**		AAK5568, AAK5334, 11.203.399, 11.203.061	**Voltage:** 28 **Ampere:** 55 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 55.00
 	**114466**		124120001	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Pulley:** DP **Grooves:** 2 **Fan:** IF **A:** 42.50 **B:** 18.00 **C:** 67.50
NEW PRODUCT www.hc-cargo.com	**114471***		AAN5513, 11.204.160	**Voltage:** 28 **Ampere:** 80 **Pulley:** w/o **Fan:** IF Insulated return *Dust proof.*
 	**114679**		101211-1242, 101211-1240, 100211-4710	**Voltage:** 14 **Ampere:** 35 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** IF **A:** 40.00 **B:** 24.00

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
NEW PRODUCT www.hc-cargo.com	**114751***		101211-3781, 101211-3780	**Voltage:** 14 **Ampere:** 45 **Pulley:** P **Grooves:** 1 **Fan:** IF
	**114767**		AAN8170, AAN8167, AAN8156, AAN5806, AAN5597, AAN5595, AAN5546, AAN5124, 11.204.337, 11.204.258	**Voltage:** 28 **Ampere:** 100 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF **B:** 55.00
 	**114770**		102211-9050, 32A68-04722	**Voltage:** 14 **Ampere:** 80 **B+:** M6 **Pulley:** w/o **Fan:** IF **B:** 58.50
NEW PRODUCT www.hc-cargo.com	**114784***		AAG5119, 11.203.767	**Voltage:** 14 **Ampere:** 75 **Pulley:** P **Grooves:** 1 **Fan:** EF
NEW PRODUCT www.hc-cargo.com	**114785***		AAN5848, 11.204.443!	**Voltage:** 14 **Ampere:** 175 **Pulley:** w/o **Fan:** IF
NEW PRODUCT www.hc-cargo.com	**114787***		AAK1890, 11.203.911	**Voltage:** 14 **Ampere:** 100 **Pulley:** SP **Grooves:** 4 **Fan:** EF
NEW PRODUCT www.hc-cargo.com	**114813**		101211-8140	**Voltage:** 28 **Ampere:** 65 **B+:** 5/16" UNC **Pulley:** w/o **Fan:** EF **B:** 13.00 **C:** 102.00
NEW PRODUCT www.hc-cargo.com	**114825***		124615041	**Voltage:** 14 **Ampere:** 150 **Fan:** IF

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VARIOUS AGRICULTURE VEHICLES

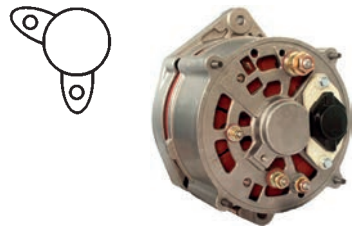
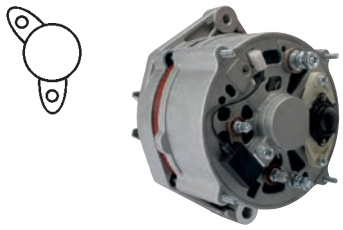
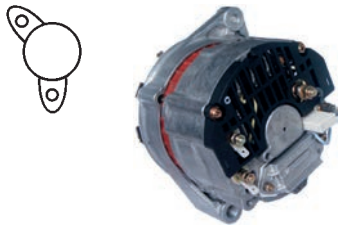
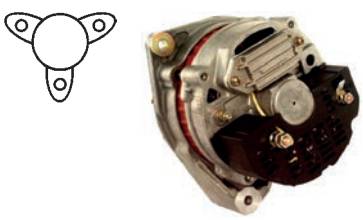
	HC-CARGO	Model	Replacing	Information
NEW PRODUCT www.hc-cargo.com	**114834***		124615030	**Voltage:** 14 **Ampere:** 150 **Pulley:** w/o **Fan:** IF
13 NEW PRODUCT www.hc-cargo.com	**114860***		228000-8161, 228000-8160	**Voltage:** 12 **kW:** 1.1 **Mount. holes:** 2 (0)
	**114868**		AAK4363, AAK4334, AAK4330, AAK1888, 11.203.905, 11.203.462, 11.203.368, 11.203.350	**Voltage:** 14 **Ampere:** 75 **B+:** M8x1.25 **Terminal:** W **Pulley:** SP **Grooves:** 8 **Fan:** EF Insulated return **A:** 78.20 **B:** 51.00
L IG P NEW PRODUCT www.hc-cargo.com	**114902***		102211-9010, 102211-1830, 32868-03201	**Voltage:** 14 **Ampere:** 90 **B+:** M8 **Pulley:** DP **Grooves:** 2 **Fan:** IF Not Insulated return **A:** 95.50 **B:** 58.00
IG L 	**115319**		825577, 101211-8680	**Voltage:** 14 **Ampere:** 45 **B+:** M6 **Pulley:** w/o **Fan:** IF **B:** 21.00
L IG 	**115321**		101211-8620	**Voltage:** 14 **Ampere:** 60 **B+:** M6 **Pulley:** w/o **Fan:** IF **B:** 24.00
	**115381**		AAN8152, AAN5167, 11.204.240, 11.203.250	**Voltage:** 28 **Ampere:** 80 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** IF Insulated return **B:** 56.00
	**115386**		BLD3314GH, BLD3314C, BLD3314	**Voltage:** 28 **Ampere:** 140 **B+:** 5/16" UNF **Pulley:** w/o **Fan:** EF **B:** 14.00 **C:** 102.00

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model		Replacing	Information
NEW PRODUCT www.hc-cargo.com	**115436***			AAG5135, AAG5104, AAG5103, 11.204.098, 11.203.476, 11.203.452	**Voltage:** 14 **Ampere:** 50 **Pulley:** w/o **Fan:** IF
NEW PRODUCT www.hc-cargo.com	**115463***			GP9165, 129150-77202	**Voltage:** 14 **Ampere:** 20 **Pulley:** P **Grooves:** 1
NEW PRODUCT www.hc-cargo.com	**115608***			AAK5581, 11.203.434	**Voltage:** 14 **Ampere:** 120 **Pulley:** SP **Grooves:** 8 **Fan:** IF

VOLVO BM

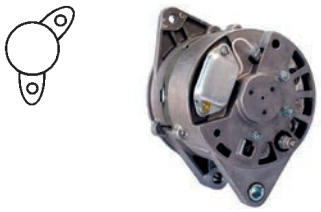
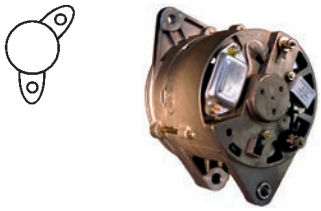
	HC-CARGO	Model		Replacing	Information
	**112742**	2600	2650	0120469749, 0120469522, 0120469507	**Voltage:** 14 **Ampere:** 90 **B+:** M8 **Terminal:** W **Pulley:** DP **Grooves:** 2 **Fan:** w/o **A:** 72.50 **B:** 51.00
	**111528**	L	L 160	0120469523, AAK3332, AAK1369, 11.201.937, 11.201.710, 2180620, 2105473B	**Voltage:** 28 **Ampere:** 55 **B+:** M8 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 51.50
	**113477**	L	L 70, L 90, L 120, L 160	AAK3334, AAK1383, 11.201.939, 11.201.746, 2940060, A14N81M, A14N47M, A14N137M, A14N119M, A14N112M, A14N100M, A14N100, 2541168, 2181991C, 2181991	**Voltage:** 28 **Ampere:** 55 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** EF Insulated return **B:** 50.80
	**112310**	T	T800, T810, T814	0120489533, AAK1193, AAK1151, 11.201.230, 11.201.146, 9AR2715F	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 74.00 **B:** 50.70

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VOLVO BM

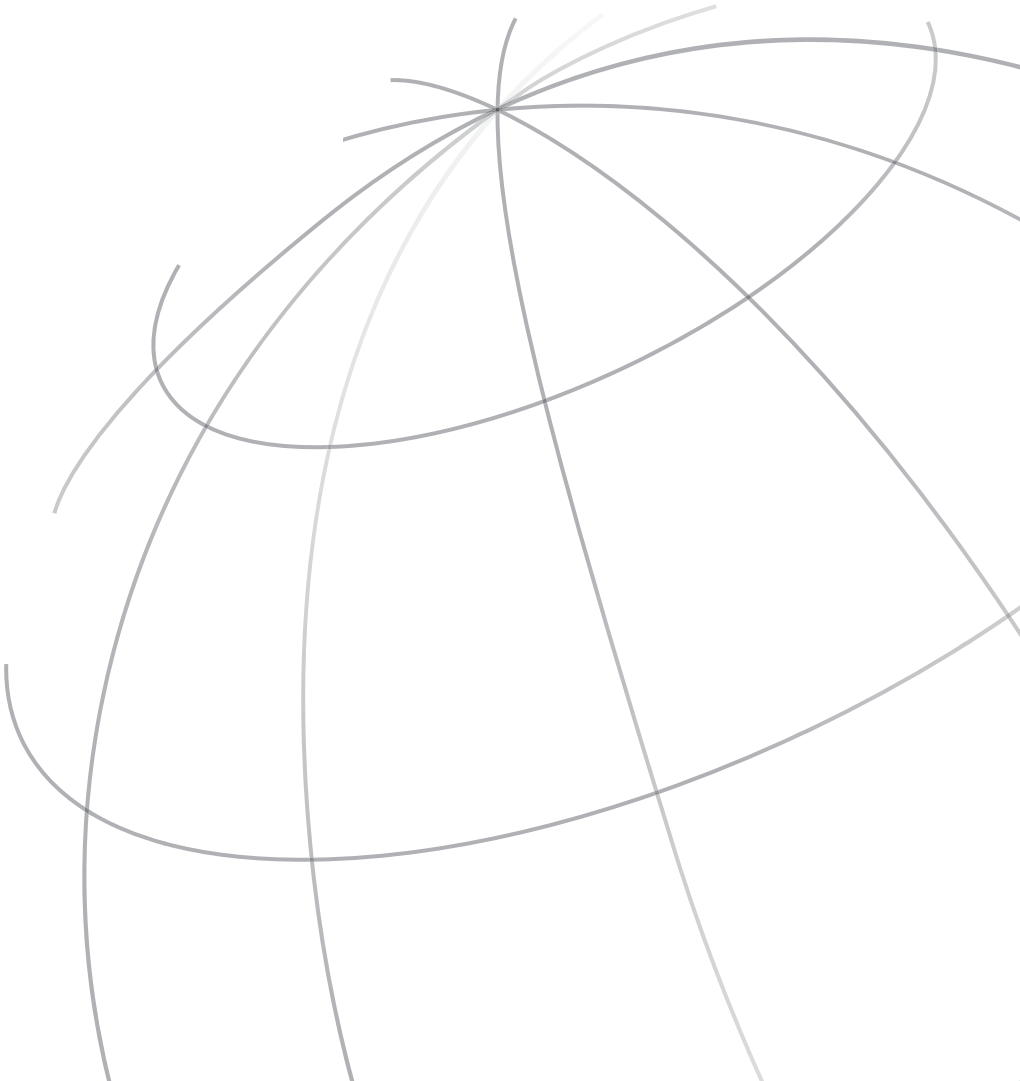
	HC-CARGO	Model		Replacing	Information
	**114465**	Various Tractors		AAK3339, 11.201.945	**Voltage:** 14 **Ampere:** 70 **B+:** M8 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 76.00 **B:** 51.00 *Dust proof.*
	**114465**	Various Tractors		AAK3339, 11.201.945	**Voltage:** 14 **Ampere:** 70 **B+:** M8 **Pulley:** P **Grooves:** 1 **Fan:** EF **A:** 76.00 **B:** 51.00 *Dust proof.*

ZETOR

	HC-CARGO	Model		Replacing	Information
	**110621**	3000 Series, 10000 Series	3320, 10540	9516653, 9516650, 443113516653, 443113516650, 334113516653	**Voltage:** 14 **Ampere:** 55 **B+:** M6 **Pulley:** w/o **Fan:** w/o **B:** 27.00 **C:** 65.85
	**112035**	3000 Series, 10000 Series	3321, 3341, 10540	9516673, 443113516673, 443113516670	**Voltage:** 14 **Ampere:** 70 **B+:** M6 **Terminal:** W **Pulley:** w/o **Fan:** EF **B:** 27.10 **C:** 66.00

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Generators



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

ALLIS CHALMERS

	HC-CARGO	Model		Replacing	Information
	**110483**	Various Models		DNL12E-42, NDB101, 26021104, 22791, 22788, 22780, 22733J, 22733E, 22733, 22719J, 22719H, 22719, 22708, 22703M	**Voltage:** 12 **Ampere:** 11 **Length:** 226.00
	**110484**	Various Models		22792, 22783, 22769, 22764, 22762E, 22762, 22761, 22758, 22756, 534054D	**Voltage:** 12 **Ampere:** 22 **Pulley:** w/o **Length:** 238.00

CASE

	HC-CARGO	Model		Replacing	Information
	**110483**	1000 Series	1210, 1212	DNL12E-42, NDB101, 26021104, 22791, 22788, 22780, 22733J, 22733E, 22733, 22719J, 22719H, 22719, 22708, 22703M	**Voltage:** 12 **Ampere:** 11 **Length:** 226.00
	**110482**	1000 Series, 300 Series, 3000 Series	354, 1210, 3434	DNL12-22, 69EB10002CA, 69EB10002C1, 1516986, NDB100, 26021103, 22789, 22785, 22775, 22767, 22765B, 22765, 22754, 22748, 22747, 22742, 22725	**Voltage:** 12 **Ampere:** 22 **Pulley:** w/o **Length:** 230.00
	**110484**	1000 Series, 3000 Series	1200, 3800	22792, 22783, 22769, 22764, 22762E, 22762, 22761, 22758, 22756, 534054D	**Voltage:** 12 **Ampere:** 22 **Pulley:** w/o **Length:** 238.00
	**113143**	Various Models		1101432	**Voltage:** 12 **Ampere:** 25 **Pulley:** w/o **Length:** 265.00 *Nut: HC-CARGO 132346.*

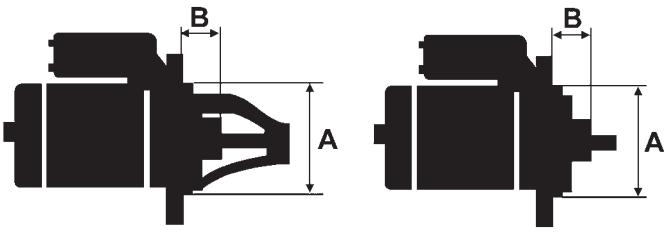
CUB CADET

	HC-CARGO	Model		Replacing	Information
	**113142**	Various Models		1101998, 1101986, 1101951	**Voltage:** 12 **Ampere:** 15 **Pulley:** w/o **Length:** 262.00 *Regulator: HC-CARGO 233623, 233624. Solenoid: HC-CARGO 132939. Nut: HC-CARGO 132346.*
	**113143**	Various Models		1101432	**Voltage:** 12 **Ampere:** 25 **Pulley:** w/o **Length:** 265.00 *Nut: HC-CARGO 132346.*

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Starters

A: Mounting flange, B: Drive distance



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

AGCO ALLIS

	HC-CARGO	Model		Replacing	Information
10 	**110615**	8000	8745, 8765, 8775	9004475035, AZJ3369, AZJ3151, 11.131.070, 11.130.526, NSB524, NSB522, 27628, 27625, 27621, 27609, 27607, 27603, 27596, 27592, 27588, 27585, 27570B, 943226366, 63296357, 63227596, 63227588, 63227585, 63227520, 63227518, 63227486, 63227478, 54293284, 9142728, 9142723, 443115142723	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 312.25 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 28.60

AGCO WHITE

	HC-CARGO	Model		Replacing	Information
10 	**113452**	6000 Series	6124, 6125, 6144	0-23000-2260, 10479617, 10461466	**Voltage:** 12 **kW:** 2.5 **B+:** M10 **15a:** M5 **Total length:** 338.50 **Drive type:** Steel **Gear type:** GR **Clutch type:** Wet **Mount. holes:** 3 (0) Oil sealed **A:** 88.80 **B:** 45.00 *Replacing: 28MT.*

AGRIFULL

	HC-CARGO	Model		Replacing	Information
9,10 	**110529**	Various Models		0001367082, 0001367028, 0001367023, 0001359102, 0001359021, 2998200, R11W, R11.07, AZJ3582, AZJ3535, AZJ3517, AZJ3116, AZJ3110, 11.130.410, 11.130.403, 11.130.322, 11.130.199, MT68MB, MT68MA, MT68AD, MT68AC, MT68AB, MT68AA, MT68A, MT62BA, M125M3-Z9(3/12), M125-3/12, 63224600, 9144744, 19024272, 19024230, DM2138	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 340.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 110.00 **B:** 30.00
9 	**110813**	Various Models		0001362105, 0001362039, 0001362032, 0001223504, 0001223503, AZJ3538, AZJ3458, AZE6531, 11.139.452, 11.131.603, 11.130.203, S0850, LRS01976, 61924066, 61924015, 26390E, 26390B, 26390A, 26390, 26290, MT71AC, MT71AB, MT71AA, MT71A, 63522235, 63217126, 63217125, 63217101, 30380319, 9144745	**Voltage:** 12 **kW:** 2.7 **B+:** M10 **Total length:** 294.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 110.00 **B:** 27.00

ALLIS CHALMERS

	HC-CARGO	Model		Replacing	Information
9 	**110640**	300	310, 340, 360	0001367014, 0001359091, AZJ3534, AZJ3516, AZJ3115, 11.130.409, 11.130.198, 11.130.127, 27440B, 27440A, 27440, 26394, DM2134, DM2130, DM2120, 2130	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 310.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 110.00 **B:** 26.00

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ALLIS CHALMERS

	HC-CARGO	Model		Replacing	Information
9 	**110491**	Various Models		1998274, 1109098, 1108505, 1107209	**Voltage:** 12 **kW:** 1.4 **B+:** M10 **Total length:** 305.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) Oil sealed **A:** 88.00 **B:** 45.00 *Replacing: 10MT.*
12 	**110604**	Various Models		0-23000-1890, 0-23000-1880, 1998409, 1998394, 1998378, 1998338, 1998334, 1113280, 1113279, 1109272, 1107587, 1107567, 10465048	**Voltage:** 12 **kW:** 2.8 **B+:** M10 **Total length:** 340.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 3 (0) Oil sealed **A:** 88.75 **B:** 46.45 *Replacing: 22MT, 27MT, 28MT.*
9 	**110813**	Various Models		0001362105, 0001362039, 0001362032, 0001223504, 0001223503, AZJ3538, AZJ3458, AZE6531, 11.139.452, 11.131.603, 11.130.203, S0850, LRS01976, 61924066, 61924015, 26390E, 26390B, 26390A, 26390, 26290, MT71AC, MT71AB, MT71AA, MT71A, 63522235, 63217126, 63217125, 63217101, 30380319, 9144745	**Voltage:** 12 **kW:** 2.7 **B+:** M10 **Total length:** 294.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 110.00 **B:** 27.00
10 	**112268**	Various Models		0-23000-2140, 0-23000-2010, 0-23000-1850, 1998484, 1998468, 1998373, 1998357, 1998350, 1998340, 1113597, 1113290, 1113274, 1107540, 10479607	**Voltage:** 12 **kW:** 2.8 **B+:** M10 **Total length:** 340.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 3 (0) Oil sealed **A:** 89.00 **B:** 46.00 *Replacing: 28MT.*

BCS

	HC-CARGO	Model		Replacing	Information
9 	**112171**	200, 300, 600, 700	270, 303, 603, 701, 735	0001107024, AZE2617, 11.131.002	**Voltage:** 12 **kW:** 1.1 **B+:** M8 **Total length:** 220.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 76.00 **B:** 28.00
9,10 	**112034**	300, 600, 700	303, 622, 745	0001214002, 0001115042, 0001110033, 0001109029, AZE2636, 11.131.157, 63221435, 63221405	**Voltage:** 12 **kW:** 1.7 **B+:** M8 **Total length:** 233.30 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 76.00 **B:** 27.00

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BELARUS

	HC-CARGO	Model		Replacing	Information
10 	**113431**#	400 Series	400, 420, 425	24173708000, AZJ3229, 11.130.685	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 338.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 101.00 **B:** 30.00
10 	**111350**#	500	500, 505, 520, 525	24.3708, AZJ3124, AZAJ3124, 11.130.436, 2407-3708000, 2406-3708000, 9142980, ST230P-3700800	**Voltage:** 12 **kW:** 3.2 **B+:** M10 **Total length:** 337.45 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 99.70 **B:** 32.50
10 	**112488**	MTZ Series	MTZ 100, MTZ 142, MTZ 145	9142780, 443115142780	**Voltage:** 12 **kW:** 2.7 **B+:** M10 **Total length:** 238.50 **Drive type:** Steel **Gear type:** GR **Clutch type:** Wet **Mount. holes:** 3 (0) **A:** 100.00 **B:** 32.00
10 	**113356**	MTZ Series	MTZ 1221, MTZ 1522, MTZ 890, MTZ 1221, MTZ 1522, MTZ 890	AZJ3223, 11.130.676, 9172780, 9172702	**Voltage:** 24 **kW:** 3.5 **B+:** M10 **Total length:** 235.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 99.90 **B:** 32.00

BENFORD

	HC-CARGO	Model		Replacing	Information
10 	**113269**	Various Models		0001359094, 9144702, 9142709, 9142702, 446115144702, 444115144702, 443115144702, 443115142709, 443115142702, D11E146, D11E118	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 234.50 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 88.80 **B:** 31.50

BUHRER

	HC-CARGO	Model		Replacing	Information
10 	**110439**	Various Models		9000143400, 0001362008, 6232, 6127, S12-87, S12-85, AZK5111, AZJ3544, AZJ3531, AZJ3248, AZJ3114, AZJ0404, 11.130.711, 11.130.408, 11.130.194, NSB509, 27488, 27480, 27474B, 27474A, 27474, 27470B, 27470A, 27470, 27469A, 27469, 27459A, 27459, D11E84, D11E155, D11E141	**Voltage:** 12 **kW:** 2.0 **B+:** M8 **Total length:** 309.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 25.00

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BUHRER

	HC-CARGO	Model		Replacing	Information
10 	**110462**	Various Models		9007044014, 0001362067, 538501, D9NN11000AA, D8NN11000CE, D8NN11000CB, D8NN11000CA, D7NN11000B, D4NN11000B, D2NN11000B, D1NN11000A, S13-61A, S13-61, AZJ3198, AZJ3182, 11.130.624, 11.130.579, NSB520, 27614, 27569A, 27569, 27515A, 27500J, 27500A, 27500, 27426, 26925155B, 26925155A, 26925, 63227569, 9144965, 9142765	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 319.45 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 20.00

CASE

	HC-CARGO	Model		Replacing	Information
9 	**111752**	100 Series, 1000 Series	100 (B), 125 (B), 1046	0001369016, 0001367001, 0001362300, 0001362063, 0001359074, 0001359014, 0001354080, 0001354073, AZJ3314, AZJ3242, 11.130.889, 11.130.704, 9142805, 19024257	**Voltage:** 12 **kW:** 2.7 **B+:** M10 **Total length:** 342.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 47.00
11 	**110818**	1000 Series	1200, 1210, 1212	0001362084, 0001362060, AZJ3347, AZJ3204, 11.130.972, 11.130.630, S4523, NSB513, NSB415, 27463D, 27463A, 27463, 27423A, 27423, 27413D, 27413A, 27413, 26917, 26278, 63227528, 63227413, 63226845, 9142764, D11E59, D11E35	**Voltage:** 12 **kW:** 2.1 **B+:** M8 **15a:** 6.30 **Total length:** 309.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 24.60
10 	**113429**	1000 Series	1620, 1640, 1644	228000-6391, 228000-5621, 228000-5620, 228000-5603, 228000-5601, 228000-5600, 128000-9801, AZF4611, AZF4577, 11.131.300, 11.131.117, 10465537, 10461645	**Voltage:** 12 **kW:** 4.2 **B+:** M10 **Total length:** 326.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 91.90 **B:** 47.50
10 	**110438**	200 Series, 400 Series	250, 275, 276, 414	27420B, 27420A, 27420, 26925188D, 26925188A, 26288F, 26288E, 26288A, 26288, 26193	**Voltage:** 12 **kW:** 2.1 **B+:** M8 **Total length:** 309.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 19.50
9 	**110536**	3000 Series	Various Models	26025155A, 0001367004, 0001362313, 0001362311, 0001362305, 0001362091, 0001362034, 0001362016, R11K, R11.12, AZJ3508, AZJ3170, AZJ3169, AZJ3128, AZJ0402, 11.130.552, 11.130.551, 11.130.484, 11.130.117, 61924050, MT74G, MT68T, 943252071010, 9142803, 9142802, 19024824, 19024252, 19024235, 19024224	**Voltage:** 12 **kW:** 2.7 **B+:** M10 **Total length:** 234.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 28.00

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CASE

	HC-CARGO	Model		Replacing	Information
10 	**112660**	400 Series	454, 474, 485	0001367042, 0001362310, 0001359069, 0001359045, AZJ3364, AZE4217, 11.132.010, 11.131.038, 529965EX, 27604, 27586, 27575, 27556, 27508D, 27508B, 27508A, 27508, 26925262B, 26433, 26428A, 63227508, 1107867, 1107862	**Voltage:** 12 **kW:** 2.8 **B+:** M10 **Total length:** 333.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 88.80 **B:** 48.00
10 	**113269**	400 Series	421	0001359094, 9144702, 9142709, 9142702, 446115144702, 444115144702, 443115144702, 443115142709, 443115142702, D11E146, D11E118	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 234.50 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 88.80 **B:** 31.50
10 	**114002**	400 Series	420CT	0001262022, 0001230021, AZF4591, 11.131.352	**Voltage:** 12 **kW:** 4.2 **B+:** M10 **Total length:** 316.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 27.00
13 	**110627**	400 Series, 500 Series	450 (C), 480 (CK), 580	228000-8410, 028000-5884, 028000-5883, 028000-5882, 028000-5881, 028000-5880	**Voltage:** 12 **kW:** 2.5 **B+:** M8 **Total length:** 291.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 47.60
11 	**112135**	400 Series, 500 Series, 800 Series	433, 533, 833, 833 (A)	0001369018, 0001362301, 0001362064, 0001359075, 0001359019, 0001354074, AZJ3317, AZJ3243, 11.130.895, 11.130.705	**Voltage:** 12 **kW:** 3.1 **B+:** M10 **Total length:** 315.50 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 88.80 **B:** 22.00
13 	**113725**	500 Series, 1000 Series	580, 1840, 1845 (C)	428000-1860, 428000-1850, 228000-9100, 228000-6981, 228000-6980, 228000-4671, 228000-4670, 11.131.275, 10465540	**Voltage:** 12 **kW:** 2.5 **B+:** M10 **Total length:** 300.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 88.60 **B:** 49.00
9 	**111885**	5000 Series	5130 (Maxxum), 5140 (Maxxum), 5150 (Maxxum)	0001369025, 0001369019, 0001369007, 0001367072, 0001367019, AZJ3236, AZJ3216, 11.130.695, 11.130.664	**Voltage:** 12 **kW:** 3.1 **B+:** M10 **Total length:** 332.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 48.00 *Oil and waterproof.*

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CASE

	HC-CARGO	Model		Replacing	Information
10 	**114449**	5000 Series	5130, 5140	228000-6872, 228000-6871, 228000-6870	**Voltage:** 12 **kW:** 4.0 **B+:** M10 **Total length:** 318.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 47.50
10 	**112169**	800 Series, Various Models	880	1993954, 1993903, 10479108	**Voltage:** 24 **kW:** 4.5 **B+:** 3/8" UNF **Total length:** 401.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) Oil sealed **A:** 89.00 **B:** 46.00 *Replacing: 37MT.*
11 	**112089**	9000 Series	9150, 9180, 9250	228000-1211, 228000-1210, 128000-1340, SA768A, E8HZ11002HA, E8HZ11002A, E8HT11001AA, E6HZ11002D, E6HZ11002C, E6HT11001CA, C6TZ11002E, 323-871, 1993977, 1993856, 1993816, 1993813, 1993807, 1993803, 1990495, 1990490, 1990483, 1990478	**Voltage:** 12 **B+:** M12 **B-:** M12 **15a:** M5 **Total length:** 500.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 3 (0) Insulated return Oil sealed **A:** 92.00 **B:** 46.00 *Replacing: 42MT.*
10 	**114050**	Puma	Various Models	0001230022, AZF4535, AZF4135, AZF4122, 11.131.520, 11.131.464, 11.130.999	**Voltage:** 12 **kW:** 4.2 **B+:** M10 **30h:** M10 **Total length:** 317.00 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 27.50
9 	**110523**	Various Models		0001368088, 0001368007, 0001368001, 0001360035, 0001360030, 0001360014, 0001360012, 0001360003, LNS4524/17, 859539, R10.08, 6090000, AZJ3518, AZJ3132, 11.130.491, 11.130.172, 11.130.141, 11.130.075, 61924051, 26025117A, 9174602, 9124310, 443115174602, 19024813, 19024234, 19024226	**Voltage:** 24 **kW:** 4.8 **B+:** M10 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 27.50
12 	**110999**	Various Models		0001420013, 0001420009, 0001420005, 0001420004, 0001420003, 0001420001, 228000-0070, 128000-7520, 128000-7510, M7T03777, M7T03774, M007T03777, M007T03774, MFY6601K, MFY6601I, MFY6401L, MFY6401K, MFY6201K, MFY6201I, 1993945, 1993833, 1993815, 1993814, 1993808, 1993804, 1993797, 1993796, 1993704, 1990809, 1990497, 9G4338	**Voltage:** 24 **B+:** M12 **B-:** M12 **Total length:** 499.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) Insulated return Oil sealed **A:** 92.00 **B:** 46.50 *Replacing: 42MT.*

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CASE

	HC-CARGO	Model	Replacing	Information
9 	**111259**	Various Models	1998305, 1109568, 1109430, 1108511	**Voltage:** 12 **kW:** 1.3 **B+:** M10 **15a:** M5 **Total length:** 305.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 88.70 **B:** 19.00 *Replacing: 10MT.*
9 	**111260**	Various Models	1998313, 1109446, 1107681, 1107655	**Voltage:** 12 **kW:** 1.4 **B+:** M10 **15a:** M4 **Total length:** 277.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 82.35 **B:** 17.75 *Replacing: 10MT.*
10 	**111760**	Various Models	0-23000-2470, 0-23000-2270, 0-23000-2040, 0-23000-2031, 0-23000-2030, 1998488, 1113594, 1113294, 1113291, 1113277, 10479656, 10479623, 10479622, 10479616, 10461486	**Voltage:** 24 **kW:** 4.5 **B+:** M10 **Total length:** 339.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Wet **Mount. holes:** 3 (0) Oil sealed **A:** 89.00 **B:** 45.00 *Replacing: 7MT, 28MT.*
12 	**112243**	Various Models	1993910, 1993909, 1993902, 1993901, 1993732, 1993729, 1993707, 1990332, 1990330, 1113541, 1113536	**Voltage:** 24 **B+:** 1/2" UNC **15a:** 1/4" UNC **Total length:** 401.50 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) Oil sealed **A:** 92.00 **B:** 48.00 *Replacing: 37MT.*
10 	**112256**#	Various Models	1993986, 1993741, 1993701, 1990499	**Voltage:** 24 **kW:** 7.0 **B+:** 1/2" UNC **15a:** M5 **30h:** 1/4" UNC **Total length:** 402.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 3 (0) Oil sealed **A:** 89.00 **B:** 47.45 *Replacing: 37MT.*
10 	**114196**	Various Models	0001263020, 0001263019, 0001231027, 0001231026, AZF4295, 11.132.094	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 317.00 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 27.60
10 	**114399**	Various Models	428000-3140	**Voltage:** 12 **kW:** 2.7 **B+:** M10 **Total length:** 296.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 89.00 **B:** 26.50

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CASE

	HC-CARGO	Model		Replacing	Information
9 	**113184**	Various Models		1368069	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 340.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 88.70 **B:** 48.00

CATERPILLAR

	HC-CARGO	Model		Replacing	Information
10 	**110449**	B Series	Various Models	870644, Z1320F515, S115A12-1, CA45H12-2, CA45G12-51A, CA45G12-51, CA45G12-2M, CA45G12-2, CA45F12-Y81, AZK5133, 11.139.038, 11.130.320	**Voltage:** 12 **kW:** 3.6 **B+:** M8 **Total length:** 370.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 88.90 **B:** 48.75
12 	**113695**	Farm	75, 85	0001371001, 1993918, 1993831, 10478960, 10478811, 10461405, 10461402	**Voltage:** 24 **kW:** 6.0 **B+:** M12 **Total length:** 433.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) Oil sealed **A:** 89.00 **B:** 47.00 *Replacing: 37MT.*
11 	**114280**	Various Models		ME108364, ME108080, M8T80472A, M8T80472, M8T80471A, M8T80471, M008T80472A, M008T80472, M008T80471A	**Voltage:** 24 **kW:** 3.2 **B+:** M8 **Total length:** 241.00 **Gear type:** GR **Mount. holes:** 2 (0) **A:** 77.00 **B:** 10.40

CHANG FENG (LIEBAO)

	HC-CARGO	Model		Replacing	Information
11 	**110545**	3300 Series	3320	0001367067, 0001367032, 0001359124, 0001359047, R11N, R11F, R11A, R11.10, R11.06, R11.01, AZJ3599, AZJ3525, AZJ3319, AZJ3234, AZJ3119, 11.130.897, 11.130.692, 11.130.414, 11.130.376, NSB523, LRS926, 27587, 27512D, 27512A, 27512, 26432, 26342K, 26342D, 26342A, 26342, 26284E, 26284, 63227512, 91455722, 9144722, 9142741, 443115144729, 443115144620, 443115144420, 44311514442	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 335.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 48.00
11 	**114254**	3300 Series	3320	AZJ3405, AZJ3247, 11.131.249, 11.130.710, 9142722, 443115144722	**Voltage:** 12 **kW:** 2.7 **B+:** 9.70 **Total length:** 237.00 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 49.40

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CLAAS

	HC-CARGO	Model		Replacing	Information
9 	**113268**	Dominator	106	0001314016, 0001307035, 0001109012	**Voltage:** 12 **kW:** 1.6 **B+:** M8 **Total length:** 255.50 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.40 **B:** 22.00
9 	**110539**	Dominator, Jaguar	106, 680, 685 SL	0001418014, 0001413017, 19024008	**Voltage:** 12 **kW:** 3.6 **B+:** M10 **B-:** M10 **Total length:** 384.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 47.00
9 	**110525**	Dominator, Various Models	85	9007044002, 9000083054, 9000083028, 0001367303, 0001367301, 0001367300, 0001367059, 0001367034, 860130, 860109, 2998000, AZJ3548, AZJ3118, 11.130.412, 11.130.229, 26417, 9142746, 443115144726, 35259380, 19024223, 19024205	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 341.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 48.00
9 	**110206**	Jaguar	690	0001416079, 0001416078, 0001416023, 0001416002, 0001415027, 0001415001, 0001410088, 0001410002, 860508, 857470, S115HD24-1, 2998011, 1403000, R23.08, 6080000, AZK5545, AZK5401, 11.139.506, 11.130.041, 9125330, 9125260, 9125220, 19024109, 19024025, 19024010	**Voltage:** 24 **kW:** 5.4 **B+:** M12 **B-:** M10 **Total length:** 390.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 47.50
9 	**110536**	Various Models		26025155A, 0001367004, 0001362313, 0001362311, 0001362305, 0001362091, 0001362034, 0001362016, R11K, R11.12, AZJ3508, AZJ3170, AZJ3169, AZJ3128, AZJ0402, 11.130.552, 11.130.551, 11.130.484, 11.130.117, 61924050, MT74G, MT68T, 943252071010, 9142803, 9142802, 19024824, 19024252, 19024235, 19024224	**Voltage:** 12 **kW:** 2.7 **B+:** M10 **Total length:** 234.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 28.00
9 	**110775**	Various Models		0001362038, 0001362028, 0001362027, 0001362004, 0001362003	**Voltage:** 12 **kW:** 1.8 **B+:** M10 **Total length:** 288.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 2 (0) **A:** 83.00 **B:** 20.00
12 NEW PRODUCT www.hc-cargo.com	**115326**	Various Models		428000-3630	**Voltage:** 12 **kW:** 5.0 **B+:** 1/2" UNC **B-:** 1/2" UNC **Gear type:** GR **Mount. holes:** 3 (0) Insulated return **A:** 92.00 **B:** 45.50

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CUB CADET

	HC-CARGO	Model		Replacing	Information
13 	**112150**	1000 Series	Garden 1340, Lawn 1315	SM56670, SM52784, SM52397, 6734620MO30SM, 5667040MO30SM, 5667040-M030SM, 5278440MO30SM	**Voltage:** 12 **B+:** 1/4" UNC **Total length:** 202.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **B:** 17.00
9 	**112546**	1000 Series	Garden 1863, Garden 1864	228000-2640, 128000-7480, 10455516, 10455513, 5174740	**Voltage:** 12 **kW:** 0.6 **B+:** M8 **Total length:** 205.60 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 2 (0) **A:** 63.00 **B:** 16.90
14 	**113853**	1000 Series, 1600 Series	Compact 1170, Compact 1600	693551	**Voltage:** 12 **B+:** 1/4" UNC **Total length:** 170.00 **Drive type:** Bronze **Gear type:** PMDD **Mount. holes:** 3 (0) **B:** 13.00
9 	**112831**	2000 Series	Garden 2072, Garden 2082	SM56664, SM52132, SM21349, 56666420MO30SM, 5666440MO30SM, 5666440-MO30SM, 5666420MO03SM	**Voltage:** 12 **kW:** 0.6 **B+:** M6 **Total length:** 246.50 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 63.50 **B:** 41.40
9 NEW PRODUCT www.hc-cargo.com	**115425**	5000 Series	5264	825222, 228000-5722, 228000-5721	**Voltage:** 12 **kW:** 1.3 **B+:** M8 **Gear type:** GR **Mount. holes:** 2 (2) **A:** 74.00 **B:** 20.00
10 	**113015**	Garden	982, 1912, 1914	SM43790, SM43672, 4379040MO30SM, 4379040-M030SM, 4367240MO30SM, 4367240-M030SM	**Voltage:** 12 **B+:** M6 **Total length:** 228.75 **Drive type:** Bronze **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 2 (0) **B:** 27.40
10 	**114075**	Zero Turn		32-098-04, 32-098-03, 32-098-01	**Voltage:** 12 **B+:** M6 **Total length:** 221.00 **Gear type:** DD **B:** 18.00
9 	**114823**	Zero Turn	Zero Turn	128000-5500	**Voltage:** 12 **kW:** 0.6 **B+:** M8 **Total length:** 182.00 **Gear type:** DD **Mount. holes:** 2 (0) Not Insulated return **A:** 66.00 **B:** 18.00

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DEUTZ-FAHR

	HC-CARGO	Model		Replacing	Information
9 	**112071**	Agri	Agri 605	0001262002, 0001230014, 0001230006, AZF4514, AZF4197, AZF4194, 11.131.769, 11.131.754, 11.130.841	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 315.80 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 28.80
9 	**112555**	D Series, DX	D 6807, D 7007, DX 3.10	0001369024, 0001369014, 0001230014, AZJ3179, 11.130.567	**Voltage:** 12 **kW:** 3.1 **B+:** M10 **Total length:** 303.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 89.00 **B:** 28.50
9 	**113467**	DX	DX 4.51, DX 6.31, DX 6.50	0001365004, AZJ3196, 11.130.619, 943252216010	**Voltage:** 12 **kW:** 3.7 **B+:** M10 **Total length:** 346.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 88.80 **B:** 28.00
9 	**114220**	Various Models		0001231018, 0001101110, AZF4230, AZF4156, 11.131.863, 11.131.607	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 315.00 **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.50 **B:** 25.00

DRONNINGBORG

	HC-CARGO	Model		Replacing	Information
10 	**110443**	Various Models		0001362093, 0001362020, S12-84, NSB503, 27486, 27478, 27472, 27467, 27435A, 27435, 27417D, 27417B, 27417A, 27417, 26925194D	**Voltage:** 12 **kW:** 2.1 **B+:** M8 **Total length:** 309.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 29.50
10 	**110449**	Various Models		870644, Z1320F515, S115A12-1, CA45H12-2, CA45G12-51A, CA45G12-51, CA45G12-2M, CA45G12-2, CA45F12-Y81, AZK5133, 11.139.038, 11.130.320	**Voltage:** 12 **kW:** 3.6 **B+:** M8 **Total length:** 370.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 88.90 **B:** 48.75
10 	**110460**	Various Models		0001367022, 0001359126, 27559E, 27559A, 27559, 27537B, 27537A, 27537, 27519D, 27519A, 27519, 27503D, 27503A, 26436B, 26436A	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 307.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 29.50

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DRONNINGBORG

	HC-CARGO	Model		Replacing	Information
11 	**110545**	Various Models		0001367067, 0001367032, 0001359124, 0001359047, R11N, R11F, R11A, R11.10, R11.06, R11.01, AZJ3599, AZJ3525, AZJ3319, AZJ3234, AZJ3119, 11.130.897, 11.130.692, 11.130.414, 11.130.376, NSB523, LRS926, 27587, 27512D, 27512A, 27512, 26432, 26342K, 26342D, 26342A, 26342, 26284E, 26284, 63227512, 91455722, 9144722, 9142741, 443115144729, 443115144620, 443115144420, 44311514442	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 335.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 48.00
11 	**114254**	Various Models		AZJ3405, AZJ3247, 11.131.249, 11.130.710, 9142722, 443115144722	**Voltage:** 12 **kW:** 2.7 **B+:** 9.70 **Total length:** 237.00 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 49.40

EICHER

	HC-CARGO	Model		Replacing	Information
10 	**110439**	Various Models		9000143400, 0001362008, 6232, 6127, S12-87, S12-85, AZK5111, AZJ3544, AZJ3531, AZJ3248, AZJ3114, AZJ0404, 11.130.711, 11.130.408, 11.130.194, NSB509, 27488, 27480, 27474B, 27474A, 27474, 27470B, 27470A, 27470, 27469A, 27469, 27459A, 27459, D11E84, D11E155, D11E141	**Voltage:** 12 **kW:** 2.0 **B+:** M8 **Total length:** 309.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 25.00
10 	**110565**	Various Models		9004475058, 0001367040, 6233, 538505, 538502, S13-74, S13-73B, S13-73, S12-73, AZJ3598, AZJ3536, AZJ3330, AZJ3305, AZJ3203, AZJ3144, AZJ3121, AZJ3117, AZJ3105, AZJ0405, AZE4244, NSB540, NSB531, NSB529, 54265233, 27606, 27599, 27594, 27583A, 27583, 27578, 27572B, 27572A, 27572, 19024817, D11E15H, D11E154, D11E137	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 313.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 29.50
10 	**110819**	Various Models		0001362049, AZJ3389, AZJ3206, AZJ3148, 11.131.162, 11.130.632, 11.130.520, S4515, NSB530, 27593A, 27593, 27584, 27582, 27580, 27571B, 27571A, 27571, 27546B, 27546A, 27546, 63227488, 63227480, 63227470, 27593A, 27571, 27540, 27522, 19024821	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 311.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 23.00

FENDT

	HC-CARGO	Model		Replacing	Information
10 	**113353**	900, 800	800 Series, 900 Series	1368311	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 340.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 88.80 **B:** 27.50

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FENDT

	HC-CARGO	Model		Replacing	Information
9 	**111332**	Farmer	105S, 300 SERIES, 600, 610	0001362341, 0001362314, 0001362306, 0001362043, 0001362025, 0001359072, AZJ3244, AZJ3219, AZJ3218, 11.130.706, 11.130.670, 11.130.669, 9142801, 9142701, 443115142801, 443115142701, D11E158, D11E131, D11E120	**Voltage:** 12 **kW:** 2.7 **B+:** M8 **Total length:** 293.55 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 21.00
9,12 	**114475**	Vario	Various Models	AZF4310, AZF4231, AZF4178, 11.132.138, 11.131.864, 11.131.686	**Voltage:** 12 **kW:** 4.0 **B+:** M10 **Total length:** 321.50 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 28.00
12 NEW PRODUCT www.hc-cargo.com	**114838**	Vario	Various Models	M9T50471, M009T50471	**Voltage:** 12 **kW:** 4.5 **B+:** M10 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 88.80 **B:** 26.00
9 	**112039**	Various Models		0001366004, 0001362076, 0001362040, 0001362018, 0001362017, 0001358038, 0001354091, 0001354012, AZJ3192, AZJ3123, 11.130.612, 11.130.432, MT71GB, 63217158, 063217158010	**Voltage:** 12 **kW:** 2.7 **B+:** M10 **Total length:** 295.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 82.50 **B:** 21.00

FERRARI

	HC-CARGO	Model		Replacing	Information
9 	**112172**	1100, 1300	1100, 1300	0001314001, 0001115035, 0001110042, 0001110041, 0001110028, 0001109009	**Voltage:** 12 **kW:** 1.6 **B+:** M8 **30h:** M5 **Total length:** 267.50 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 76.00 **B:** 28.00
9,10 	**112034**	300	305, 306	0001214002, 0001115042, 0001110033, 0001109029, AZE2636, 11.131.157, AZE2636, 11.131.157, 63221435, 63221405	**Voltage:** 12 **kW:** 1.7 **B+:** M8 **Total length:** 233.30 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 76.00 **B:** 27.00
9 	**110844**	40	40 WDT	0001218122, 0001218011	**Voltage:** 12 **kW:** 2.2 **B+:** M8 **Total length:** 278.45 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.50 **B:** 17.20

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FERRARI

	HC-CARGO	Model		Replacing	Information
9 	**113268**	70, 700	72S, 718	0001314016, 0001307035, 0001109012	**Voltage:** 12 **kW:** 1.6 **B+:** M8 **Total length:** 255.50 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.40 **B:** 22.00

FIAT

	HC-CARGO	Model		Replacing	Information
9 	**110522**	100, 110, 115, 130	100.90, 110.90, 115.90, 130.90	0986012720, 0001367029, 0001359122, 0001230009, R11C, R11.03, AZJ3594, AZJ3461, AZJ3237, 11.139.455, 11.130.697, 11.130.366, MT68LC, MT68LB, MT68LA, MT68L, 63216898, 63216896, 63216873, 4755110, 063216896010, 443115144723, 19024253, 19024202, 455669	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 341.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 110.00 **B:** 26.50
9,10 	**110529**	1000, 1100	1000, S, DT, DTS, 1180	0001367082, 0001367028, 0001367023, 0001359102, 0001359021, 2998200, R11W, R11.07, AZJ3582, AZJ3535, AZJ3517, AZJ3116, AZJ3110, 11.130.410, 11.130.403, 11.130.322, 11.130.199, MT68MB, MT68MA, MT68AD, MT68AC, MT68AB, MT68AA, MT68A, MT62BA, M125M3-Z9(3/12), M125-3/12, 63224600, 9144744, 19024272, 19024230, DM2138	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 340.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 110.00 **B:** 30.00
9 	**110521**	120	129-16	0001368019, 0001360043, 0001360015, AZJ3546, AZJ3459, AZJ3133, AZF3542, 11.139.453, 11.130.492, 11.130.225, MT67DB, MT67DA, MT67D, MT67AD, MT67AC, MT67AB, MT67AA, MT67A, 63224580, 63224170, 63216748, 9142320, 19024273, 19024231	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 343.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 110.00 **B:** 27.00
9 	**113381**	400	404, 420, 440, 450, 455	AZJ3462, AZJ3195, AZJ3145, 11.139.456, 11.130.618, 11.130.510, 27430B, 27430A, 27430, MT71Z, 63217121	**Voltage:** 12 **kW:** 2.5 **B+:** M10 **B-:** M8 **Total length:** 340.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 109.70 **B:** 26.00
11 	**110213**	400, 500	420, 580, DT	0001417005, 0001411025, 0001410065, R22.07, 0070000, AZK5179, 11.139.020, 63226391, 63226301, 9125020, 19024053	**Voltage:** 24 **kW:** 6.6 **B+:** M12 **B-:** M10 **Total length:** 407.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 115.00 **B:** 20.80

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FIAT-ALLIS

	HC-CARGO	Model		Replacing	Information
9 	**110521**	65, FE, FR	65 B, FE 16, FR 7	0001368019, 0001360043, 0001360015, AZJ3546, AZJ3459, AZJ3133, AZF3542, 11.139.453, 11.130.492, 11.130.225, MT67DB, MT67DA, MT67D, MT67AD, MT67AC, MT67AB, MT67AA, MT67A, 63224580, 63224170, 63216748, 9142320, 19024273, 19024231	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 343.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 110.00 **B:** 27.00
12 	**110999**	FA, FD	FA 150, FD 14E	0001420013, 0001420009, 0001420005, 0001420004, 0001420003, 0001420001, 228000-0070, 128000-7520, 128000-7510, M7T03777, M7T03774, M007T03777, M007T03774, MFY6601K, MFY6601I, MFY6401L, MFY6401K, MFY6201K, MFY6201I, 1993945, 1993833, 1993815, 1993814, 1993808, 1993804, 1993797, 1993796, 1993704, 1990809, 1990497, 9G4338	**Voltage:** 24 **B+:** M12 **B-:** M12 **Total length:** 499.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) Insulated return Oil sealed **A:** 92.00 **B:** 46.50 *Replacing: 42MT.*
11 	**110347**	FA, FD, FE	FA 200, FD 14, FD 20, FE 45	0001420011, 0001420010, 0001420008, 0001420006, 0001420002, MS7-410C, 2311040, 1993840, 1990284, 1990276, 1990274, 1990273, 1990272, 1990271, 1990270, 1990269, 1990268, 1990266	**Voltage:** 24 **kW:** 7.5 **B+:** M12 **B-:** M12 **15a:** M4 **Total length:** 522.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) Insulated return Oil sealed **A:** 92.00 **B:** 47.00 *Replacing: 50MT.*
9 	**110517**	FR, Various Models	FR 7	0001363111, 0001363101, 860104, AZJ3542, AZJ3520, 11.130.216, 11.130.146, MT72AB, MT72AA, MT72A, 63217226, 63217225, 63217201, 30281018, 9124320, 19024242	**Voltage:** 24 **kW:** 3.2 **B+:** M10 **Total length:** 295.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 110.00 **B:** 27.00
9 	**110520**	S	Various Models	0001368021, 0001360027, 0001360007, 0001359127, R10TA, R10.05, AZK5119, AZJ3593, 11.130.364, 11.130.170, 11.130.121, MT67BA, MT67B, MT43HA, 63216733, 63216702, 63214371, 63214333, 63214308, 30281027, 30281017, 443115174622, 19024201	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 343.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 47.50
9 	**110206**	Various Models		0001416079, 0001416078, 0001416023, 0001416002, 0001415027, 0001415001, 0001410088, 0001410002, 860508, 857470, S115HD24-1, 2998011, 1403000, R23.08, 6080000, AZK5545, AZK5401, 11.139.506, 11.130.041, 9125330, 9125260, 9125220, 19024109, 19024025, 19024010	**Voltage:** 24 **kW:** 5.4 **B+:** M12 **B-:** M10 **Total length:** 390.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 47.50

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FIAT-ALLIS

	HC-CARGO	Model	Replacing	Information
11 	**110208**	Various Models	BNG4/24CRS162, 9000084018, 0001416076, 0001416021, 0001416009, 0001416008, 0001415016, 0001415004, 860504, 860121, R23.11, 6110000, 9125250, 19024576, 19024555, 19024099, 19024016, 19024015	**Voltage:** 24 **kW:** 5.4 **B+:** M10 **B-:** M10 **Total length:** 387.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) Oil sealed Waterproof **A:** 89.00 **B:** 48.50
9 	**110210**	Various Models	0001417051, 0001417038, 0001417001, 0001411009, 0001410024, 860506, 860132, 857468, 2998010, R23.05, R22.05, R20.42, 6050000, 0050000, AZK5191, 11.139.032, 9125010, 19024051	**Voltage:** 24 **kW:** 6.6 **B+:** M12 **B-:** M10 **Total length:** 407.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 48.50
9 	**110518**	Various Models	0001368020, 0001360063, LNS4524/20, 859542, 2998201, AZJ3515, AZJ3460, AZJ3131, 11.139.454, 11.130.490, 11.130.124, 61924031, MT67CB, MT67CA, MT67C, 63216741, 63216740, 63216703, 30281020, 063216741010, 9124330, 858320, 19024256, 19024232	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 342.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 110.00 **B:** 27.00
9 	**110531**	Various Models	0001417036, 0001417017, 2998007, R22.12, R22.10, 6220000, 0120000, 0100000, 0090000, 19024071	**Voltage:** 24 **kW:** 6.6 **B+:** M12 **B-:** M10 **Total length:** 405.00 **Drive type:** Steel **Gear type:** DD **A:** 56.00 **B:** 37.00
11 	**111000**	Various Models	0001371020, 0001371018, MS1A/25, MS1A/20, MS1/411AZ, MS1/401A, MS1-403A, MS1-401C, MS1-401A, MS1-401, MS1-124, MS1-103, 2998150, M4T95481, M004T95481, 855694, 199903, 1993924, 1993842, 1993810, 1993805, 1993802, 1993700, 1990838, 1990493, 1990491, 1990485	**Voltage:** 24 **kW:** 6.5 **B+:** M12 **B-:** M12 **Total length:** 497.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) Insulated return Oil sealed **A:** 92.00 **B:** 47.25 *Replacing: 42MT.*
10 	**111041**	Various Models	0001362302, 0001359114, 0001359058, 0001359029, LNS2810, 9142740, 443115142740, 0-23000-1870, 0-23000-1830, 1998481, 1998387, 1998383, 1998336, 1113278, 1113275, 1109550, 1107580, 10465406, 10465046	**Voltage:** 12 **kW:** 2.8 **B+:** M10 **Total length:** 338.50 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 88.85 **B:** 46.25 *Replacing: 22MT, 27MT, 28MT.*

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FIAT-ALLIS

	HC-CARGO	Model		Replacing	Information
10 	**111737**	Various Models		27502D, 27502A, 27502, 26369J, 26369H, 26369A, 26369, 26359F, 26359B, 26359A, 26359, 26294Q, 26294N	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 314.75 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 3 (0) **A:** 89.00 **B:** 28.50
10 	**113534**	Various Models		1367069	**Voltage:** 12 **kW:** 3.0 **B+:** M8 **Total length:** 342.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 88.85 **B:** 27.00

FORD

	HC-CARGO	Model		Replacing	Information
9 	**110552**	1000 Series	1910	0001108181, 0001107078, S114-381	**Voltage:** 12 **kW:** 1.2 **B+:** M8 **Total length:** 194.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 74.00 **B:** 20.00
11 	**111275**	1000 Series	1710	M5T23172, M3T64172, M2T61371, M2T60271, M2T56475, M2T56472, M2T56471, M2T54671, M005T23172	**Voltage:** 12 **kW:** 2.0 **B+:** M8 **Total length:** 250.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.40 **B:** 23.50
13 	**111703**	1000 Series	1320, 1520, 1620	M2T63371, M002T63371	**Voltage:** 12 **kW:** 2.0 **B+:** M8 **Total length:** 250.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 73.80 **B:** 19.50
9,11 	**112177**	1000 Series	1320, 1520, 1530	SBA185086650, SBA185086551, M2T58971, M1T66081, M002T58971, M001T66081	**Voltage:** 12 **kW:** 1.7 **B+:** M8 **Total length:** 213.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 74.00 **B:** 20.00
11 	**113696**	1900, 3400	1920, 3415	428000-0180, 228000-5123, 228000-5122, 228000-5121, 228000-5120, 228000-2970, SBA185086530	**Voltage:** 12 **kW:** 2.0 **B+:** M8 **Total length:** 219.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 74.00 **B:** 20.00

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FORD

	HC-CARGO	Model		Replacing	Information
10 	**110462**	2000 Series, 3000 Series	2000, 3000	9007044014, 0001362067, 538501, D9NN11000AA, D8NN11000CE, D8NN11000CB, D8NN11000CA, D7NN11000B, D4NN11000B, D2NN11000B, D1NN11000A, S13-61A, S13-61, AZJ3198, AZJ3182, 11.130.624, 11.130.579, NSB520, 27614, 27569A, 27569, 27515A, 27500J, 27500A, 27500, 27426, 26925155B, 26925155A, 26925, 63227569, 9144965, 9142765	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 319.45 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 20.00
10 	**112074**	7000 Series	7740, 7810, 7840	0001369023, 0001369020, 0001369015, 0001367006, F0NN11000CA, F0NN11000BA, 898821291, 89821291, 82013922, 82007917, 82005342, 81866002, 3918688, AZJ3201, 11.131.705, 11.130.627, 9142766	**Voltage:** 12 **kW:** 3.1 **B+:** M8 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 21.00
9,11,12 	**111300**	Various Models		SBA185086500, SBA185086410, M8T70071, M2T58981, M2T54091, M2T54085, M2T54083, M008T70071, M002T58981, M002T54091, M002T54085	**Voltage:** 12 **kW:** 1.4 **B+:** M8 **Total length:** 228.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 74.00 **B:** 21.00
10 	**113125**	Various Models		SA764A, SA-764A, E9HZ11002A, E9HT11001BA, 323-840, 1993854, 1993767, 1990347, 10461011, 10461006	**Voltage:** 12 **B+:** 1/2" UNC **Total length:** 401.50 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 3 (0) Oil sealed **A:** 92.00 **B:** 48.25 *Replacing: 37MT, 41MT.*

GOLDONI

	HC-CARGO	Model		Replacing	Information
9 	**113268**	700	718	0001314016, 0001307035, 0001109012	**Voltage:** 12 **kW:** 1.6 **B+:** M8 **Total length:** 255.50 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.40 **B:** 22.00
9 	**110844**	Various Models		0001218122, 0001218011	**Voltage:** 12 **kW:** 2.2 **B+:** M8 **Total length:** 278.45 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.50 **B:** 17.20
9 NEW PRODUCT www.hc-cargo.com	**115423**	Various Models		0001366003, 0001362058, 0001354089, MTL12-10, AZJ3552, AZJ3150, AZJ3138, AZJ0102, 11.130.525, 11.130.501, 11.130.248, 11.130.019, MT74BA, MT74A, MT71LA, MT71HB, 63217433, 63217180, 63217173	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 322.00 **Gear type:** DD **Mount. holes:** 2 (0) Not Insulated return **A:** 82.50 **B:** 21.00

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GRASSHOPPER

	HC-CARGO	Model		Replacing	Information
8 	**114686**	Lawn mower	722d	M0T88081	**Voltage:** 12 **kW:** 1.3 **B+:** M8 **Total length:** 201.50 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 66.00 **B:** 18.50

HATTAT TARIM

	HC-CARGO	Model		Replacing	Information
10 	**113655**	A-Series	A-Series	428000-1290, 63280041	**Voltage:** 12 **kW:** 3.0 **B+:** M8 **Total length:** 291.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 89.00 **B:** 30.50
10 	**114388**	A-Series	A-Series	9HT12010A6A, AZF4545, AZE4220, AZE4201, AZE4197, AZE4175, AZE4173, AZE4170, AZE4150, 11.132.036, 11.131.989, 9142903, 860715	**Voltage:** 12 **kW:** 3.2 **B+:** M8 **B-:** M8 **30h:** M10 **Total length:** 296.50 **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 32.50 *Iskra version.*

HITACHI

	HC-CARGO	Model		Replacing	Information
11 	**114324**	Excavators	Zaxis 135US	0-24000-3251, 0-24000-3250, 0-24000-3123, 0-24000-3122, 0-24000-3120	**Voltage:** 24 **kW:** 4.5 **Gear type:** GR **Mount. holes:** 2 (0) **A:** 95.00

HOUGH

	HC-CARGO	Model		Replacing	Information
10 	**112668**	Various Models		0-23000-2070, 1113284, 1113248, 10461483	**Voltage:** 12 **kW:** 2.5 **B+:** M10 **15a:** M5 **Total length:** 338.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Wet **Mount. holes:** 3 (0) **A:** 89.00 **B:** 46.00 *Replacing: 28MT.*

HUERLIMANN

	HC-CARGO	Model		Replacing	Information
11 	**110530**	Various Models		EJD3/12BR3, 0004314011, 0001367013, 0001362035, 0001362022, 0001362009, 0001359108, 0001359004, AZJ3556, AZJ3537, AZJ3503, AZJ3149, 11.130.521, 11.130.253, 11.130.201, 11.130.083, MT68PB, MT68PA, MT68P, 63217138, 63216884, 63216876, 63216814, 063216884010, 063216876010, 9144821, 9144743, 9142880, 443115144743, 19024238	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 342.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 82.00 **B:** 22.00

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ISEKI

	HC-CARGO	Model		Replacing	Information
15 	**110933**	2100, Various Models	2140	MM409414, MM409410, M2T50391, M2T50381, M2T50371, M002T50391, M002T50381, M002T50371	**Voltage:** 12 **kW:** 1.4 **B+:** M8 **Total length:** 228.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 76.90 **B:** 29.25
9 	**111683**	4000	4451	228000-5382, 228000-4293, 228000-4292, 228000-4291, 228000-4290, 228000-3852, 228000-3851, S13-136, 03101-3031, 03101-3030	**Voltage:** 12 **kW:** 2.0 **B+:** M8 **Total length:** 232.50 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 95.00 **B:** 19.50
9 	**111098**	SL	SL 3410, 3610, 3615, 3645	S114-385	**Voltage:** 12 **kW:** 1.0 **B+:** M8 **Total length:** 212.50 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 80.00 **B:** 21.60

JACOBSEN

	HC-CARGO	Model		Replacing	Information
9 	**114055**	Lawn Mower	Lawn Mower	0001218776, 0001218176, 0001109357	**Voltage:** 12 **kW:** 2.3 **B+:** M8 **Total length:** 273.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.50 **B:** 21.00

JCB

	HC-CARGO	Model		Replacing	Information
11 	**114483**	Excavators	Excavators	0-24000-3261, 0-24000-3260	**Voltage:** 24 **kW:** 4.5 **B+:** M10 **Total length:** 230.10 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 10.50 **B:** 41.00
11 	**114264**	Various Models		AZF4576, AZF4224, AZF4181, 11.131.848, 11.131.697, 11.131.292	**Voltage:** 12 **kW:** 4.2 **B+:** M10 **Total length:** 349.50 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 21.00
9 	**114320**	Various Models		0001230013, AZF4229	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 316.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 82.50 **B:** 23.00

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JOHN DEERE

	HC-CARGO	Model		Replacing	Information
9 	**114055**	76F, 100F	76F (Orchard), 100F (Orchard)	0001218776, 0001218176, 0001109357	**Voltage:** 12 **kW:** 2.3 **B+:** M8 **Total length:** 273.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.50 **B:** 21.00
10 	**111221**	400	482 (Cotton Pickers), 484 (Cotton Pickers)	35259580, 0-23000-2060, 1113271, 1109251, 1107871, 1107863, 1107599, 1107577	**Voltage:** 12 **kW:** 2.5 **B+:** M10 **15a:** M5 **Total length:** 322.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 82.40 **B:** 33.00 *Replacing: 28MT.*
10 	**111224**	900, 4000 Series	985, 4450, 4455	128000-9680, 128000-5913, 128000-5912, 128000-5911, 128000-5910, 128000-0772, 128000-0771, C3OF11001B, AZJ3297, AZJ3215, 11.130.860, 11.130.663, 1993988, 1993894, 1993886, 1993881, 1993799, 1993790, 1993769, 1993762, 1993754, 1993712, 1993705	**Voltage:** 12 **kW:** 4.0 **B+:** M10 **Total length:** 402.50 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) Oil sealed **A:** 88.90 **B:** 47.60 *Replacing: 37MT.*
10 	**111755**	1000 Series	1032, 1042, 1052	0001369022, 0001369005, 0001369001, 0001367078, 0001367075, 0001367037, 0001362316, 0001362312, AZJ3283, AZJ3274, AZJ3181, AZJ3158, AZJ3157, AZF4596, AZF4521, 11.131.374, 11.130.819, 11.130.793, 63206834, 063206834010, 9142700	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 342.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 82.00 **B:** 34.00
13 	**114400**	1445, 1545	1445 (Mower), 1545 (Mower)	228000-8090	**Voltage:** 12 **kW:** 1.0 **B+:** M8 **Total length:** 190.00 **Gear type:** GR **A:** 95.00 **B:** 20.00
9 	**113900**	4000 Series	4120, 4320, 4520	F000AL0115, 6004AA3014, 0001109331, 0001109330, AZE6544, 11.131.750	**Voltage:** 12 **kW:** 2.2 **B+:** M8 **Total length:** 239.50 **Drive type:** Steel **Gear type:** DD/GR **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 82.50 **B:** 26.00
10 	**113478**	5000 Series	5210, 5310, 5410	0001230005, 0001230003, 0001223502, AZE4620, AZE4603, AZE4534, 11.131.221, 11.131.108, 11.131.063, 26024033A, D7R14, 187031	**Voltage:** 12 **kW:** 2.8 **B+:** M10 **15a:** M5 **Total length:** 303.50 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 2 (0) Oil sealed **A:** 82.00 **B:** 35.00

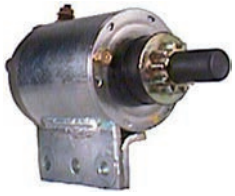
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JOHN DEERE

	HC-CARGO	Model		Replacing	Information
10,11 	**112442**	6000 Series	6205, 6505, 6506	0001367077, AZJ3261, 11.130.739, 9142745	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 315.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 89.00 **B:** 48.00
11 NEW PRODUCT www.hc-cargo.com	**115609***	6000 Series	6205, 6505, 6506	1230002	**Voltage:** 12 **kW:** 3.0 **Gear type:** GR **Mount. holes:** 3 (0)
9 	**114823**	Farm	Various Models (Tractors)	128000-5500	**Voltage:** 12 **kW:** 0.6 **B+:** M8 **Total length:** 182.00 **Gear type:** DD **Mount. holes:** 2 (0) Not Insulated return **A:** 66.00 **B:** 18.00
10 	**114888**	Lawn	X300, X300R, X304	RS41058	**Voltage:** 12 **B+:** 1/4" UNC **Total length:** 185.00 **Gear type:** DD **Mount. holes:** 2 (0) **B:** 19.50
11 	**114401**	Mowers	Various Models	S114-821A, S114-821	**Voltage:** 12 **kW:** 1.2 **B+:** M8 **Total length:** 193.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (2) **A:** 70.00 **B:** 25.00
9 	**114486**	Mowers	Various Models	128000-2760	**Voltage:** 12 **B+:** M6 **Total length:** 173.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **B:** 20.00
10 	**115314**	Utility Tractor	6100D, 6125D	228000-0844, 228000-0842, 228000-0841, 228000-0840	**Voltage:** 12 **kW:** 2.5 **B+:** M10 **Total length:** 294.00 **Gear type:** GR **Mount. holes:** 2 (0) Not Insulated return **A:** 89.00 **B:** 47.50
9 	**110412**	Various Models		S13-33B, S13-33A, S13-33, S13-28, S13-27A, S13-27, S13-25, S13-123, S13-111, S13-06A, S13-06, 0-21000-5231, 0-21000-5230, 0-21000-4231, 0-21000-4230, 0-21000-3730	**Voltage:** 12 **kW:** 2.2 **B+:** M8 **Total length:** 233.80 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 94.90 **B:** 20.30

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JOHN DEERE

	HC-CARGO	Model	Replacing	Information
10 	**110510**	Various Models	SMH12A4, SMH12A202, SMH12A201, SMH12A2, SMH12A102, SME12A8, SME12A11, SM56661, SM50497, SM16353	**Voltage:** 12 **kW:** 0.5 **B+:** M6 **Total length:** 182.55 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **B:** 39.00
9 	**110552**	Various Models	0001108181, 0001107078, S114-381	**Voltage:** 12 **kW:** 1.2 **B+:** M8 **Total length:** 194.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 74.00 **B:** 20.00
11 	**111087**	Various Models	128000-1152, 128000-1151, 128000-1150	**Voltage:** 12 **kW:** 1.0 **B+:** M8 **Total length:** 199.45 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 94.90 **B:** 21.00
9 	**111254**	Various Models	LRS01910, 0-23000-2541, 0-23000-2540, 0-23000-2201, 0-23000-2103, 0-23000-2102, 0-23000-2101, 0-23000-2100	**Voltage:** 24 **kW:** 4.5 **B+:** M10 **Total length:** 332.25 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 94.85 **B:** 19.20
14 	**112246**	Various Models	128000-4600, 128000-2950, 028000-8411, 028000-8410, 028000-6111, 028000-6110	**Voltage:** 12 **kW:** 0.6 **B+:** M6 **Total length:** 193.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 62.45 **B:** 10.00 *Solenoid: HC-CARGO 133711.*
16 	**112564**	Various Models	35765A, 35765, 32468B, 32468A, 32468	**Voltage:** 12 **B+:** M6 **Total length:** 166.50 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 4 (0) **A:** 59.00 **B:** 33.00
9 	**112568**	Various Models	SM56663, SM18191, 5666340MO30SM, 5666340-MO30SM, 5666320MO30SM, 1819140M030SM, 1819140-MO30SM	**Voltage:** 12 **B+:** 1/4" UNC **Total length:** 230.00 **Drive type:** Bronze **Gear type:** DD **B:** 46.00
10 	**113017**	Various Models	6727040MO30SM, 5667140MO30SM, 5667140-M030SM	**Voltage:** 12 **B+:** M6 **Total length:** 181.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 2 (0) **B:** 30.00

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JOHN DEERE

	HC-CARGO	Model	Replacing	Information
15 	**113539**	Various Models	844717, 808106, 693469, 691564	**Voltage:** 12 **B+:** M8 **Total length:** 185.70 **Drive type:** Bronze **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 2 (0)
9 	**113596**	Various Models	128000-4020	**Voltage:** 12 **kW:** 0.6 **B+:** M8 **Total length:** 180.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (2) **A:** 70.00 **B:** 19.00
9 	**113597**	Various Models	128000-9360	**Voltage:** 12 **kW:** 0.6 **B+:** M8 **Total length:** 181.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 65.90 **B:** 17.00
9 	**113663**	Various Models	228000-2211, 228000-2210	**Voltage:** 12 **kW:** 0.7 **B+:** M8 **Total length:** 183.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 2 (0) **A:** 65.80 **B:** 17.00
11 	**113983**	Various Models	228000-6552, 228000-6551, 228000-6550	**Voltage:** 12 **kW:** 3.0 **B+:** M12 **Total length:** 315.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 88.80 **B:** 47.60
10 	**114195**	Various Models	0001230018, 0001230008	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 312.00 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 51.00
9 	**114197**	Various Models	228000-7471, 228000-7470	**Voltage:** 12 **kW:** 1.1 **B+:** M8 **Total length:** 209.00 **Gear type:** GR **Mount. holes:** 2 (0) **A:** 89.00 **B:** 17.00
11 	**114459**	Various Models	228000-8471, 228000-8470	**Voltage:** 12 **kW:** 4.8 **B+:** M12 **Total length:** 315.00 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 48.00

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KUBOTA

	HC-CARGO	Model		Replacing	Information
8 NEW PRODUCT www.hc-cargo.com	**115322**	Compact Tractor	L3540, L3830, L3940	228000-9800	**Voltage:** 12 **kW:** 1.4 **B+:** M8 **Total length:** 188.00 **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.50 **B:** 24.50
8.9 	**114485**	Front Mower	F2260, F2560	228000-5401, 228000-5400, M0T90881, M000T90881	**Voltage:** 12 **kW:** 1.1 **B+:** M8x1.25 **Total length:** 205.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 66.00 **B:** 18.00
	**113893**	L	L2250, L2500, L2550, L2650	34070-16800, 34070-16083, 128000-8462, 128000-8461, 128000-8460	**Voltage:** 12 **kW:** 1.2 **B+:** M8 **Total length:** 178.50 **Drive type:** Steel **Gear type:** GR **Clutch type:** Wet **Mount. holes:** 2 (0) **A:** 82.30 **B:** 24.80
9 NEW PRODUCT www.hc-cargo.com	**115378**	M6040	M6040, M7040	M8T71671	**Voltage:** 12 **kW:** 2.5 **B+:** M8 **Total length:** 259.00 **Gear type:** GR **Mount. holes:** 2 (0) Not Insulated return **A:** 82.50 **B:** 26.00
9 	**114501**	Tractors	Various models	228000-5590	**Voltage:** 12 **kW:** 1.0 **B+:** M8 **30h:** Plug **Total length:** 203.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 77.00 **B:** 18.00

LAMBORGHINI

	HC-CARGO	Model		Replacing	Information
11 	**110530**	100	135 (Formula)	EJD3/12BR3, 0004314011, 0001367013, 0001362035, 0001362022, 0001362009, 0001359108, 0001359004, AZJ3556, AZJ3537, AZJ3503, AZJ3149, 11.130.521, 11.130.253, 11.130.201, 11.130.083, MT68PB, MT68PA, MT68P, 63217138, 63216884, 63216876, 63216814, 063216884010, 063216876010, 9144821, 9144743, 9142880, 443115144743, 19024238	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 342.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 82.00 **B:** 22.00
9,11 	**111001**	100, 600	105 (Formula), 115 (Formula), 660 F	0001367005, 0001362036, 0001362023, 0001359113, 0001359083, 0001359056, 0001359038, 0001358005, AZJ3557, AZJ3320, AZF4220, 11.131.829, 11.130.898, 11.130.254, MT68RA, MT68R, MT56A, 63216816, 9144820, 19024250	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 340.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 82.00 **B:** 21.60

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LAMBORGHINI

	HC-CARGO	Model		Replacing	Information
11 	**111284**	C Series	Various Models	63217163, 63217106, 063217163010	**Voltage:** 12 **kW:** 2.5 **B+:** M10 **Total length:** 296.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 82.00 **B:** 21.00
11 	**110551**	C, R	C603, 804, 904, R704	0001367009, 0001359099, 0001359053, 0001359048, 0001359001, R11B, R11.02, AZJ3285, 11.130.821, 9144742, 443115144742, 443115144640, 443115144540, 19024815	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 326.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 47.00

LANDINI

	HC-CARGO	Model		Replacing	Information
10 NEW PRODUCT www.hc-cargo.com	**114107**	Various Models		AZE4579, AZE4214, 11.131.984, 11.131.315, 9162904	**Voltage:** 12 **kW:** 3.2 **B+:** M10 **Total length:** 295.00 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 88.88 **B:** 29.50

LOMBARDINI

	HC-CARGO	Model		Replacing	Information
9 NEW PRODUCT www.hc-cargo.com	**115423**	Various Models		0001366003, 0001362058, 0001354089	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 322.00 **Gear type:** DD **Mount. holes:** 2 (0) Not Insulated return **A:** 82.50 **B:** 21.00

MAHINDRA

	HC-CARGO	Model		Replacing	Information
10 	**113670**	Various Models		26025115A, 26025115, 26024070A	**Voltage:** 12 **kW:** 2.2 **B+:** M8 **15a:** M5 **Total length:** 284.35 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 3 (0) **A:** 89.00 **B:** 20.00
9 	**112163**	Various Models		26925056	**Voltage:** 12 **kW:** 2.0 **B+:** M8 **Total length:** 307.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 89.00 **B:** 20.00

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MASSEY FERGUSON

	HC-CARGO	Model		Replacing	Information
10 	**111346**	MF 100, MF 200, MF 1000	184, 285, 1250	9004475061, 27629, 27627B, 27627, 27626, 27620, 27610, 27608, 27602, 27598, 27590, 27589, 27568A, 27568, 27565D, 63227599, 63227598, 63227590, 63227568, 63227565, 63227541	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 314.50 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 89.00 **B:** 29.50
10 	**110460**	MF 200	254	0001367022, 0001359126, 27559E, 27559A, 27559, 27537B, 27537A, 27537, 27519D, 27519A, 27519, 27503D, 27503A, 26436B, 26436A	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 307.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 29.50
10 	**110565**	MF 200	274	9004475058, 0001367040, 6233, 538505, 538502, S13-74, S13-73B, S13-73, S12-73, AZJ3598, AZJ3536, AZJ3330, AZJ3305, AZJ3203, AZJ3144, AZJ3121, AZJ3117, AZJ3105, AZJ0405, AZE4244, NSB540, NSB531, NSB529, 54265233, 27606, 27599, 27594, 27583A, 27583, 27578, 27572B, 27572A, 27572, 19024817, D11E15H, D11E154, D11E137	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 313.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 29.50
10 	**110819**	MF 200	240, 245	0001362049, AZJ3389, AZJ3206, AZJ3148, 11.131.162, 11.130.632, 11.130.520, S4515, NSB530, 27593A, 27593, 27584, 27582, 27580, 27571B, 27571A, 27571, 27546B, 27546A, 27546, 63227488, 63227480, 63227470, 27593A, 27571, 27540, 27522, 19024821	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 311.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 23.00
10 	**112268**	MF 200	245	0-23000-2140, 0-23000-2010, 0-23000-1850, 1998484, 1998468, 1998373, 1998357, 1998350, 1998340, 1113597, 1113290, 1113274, 1107540, 10479607	**Voltage:** 12 **kW:** 2.8 **B+:** M10 **Total length:** 340.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 3 (0) Oil sealed **A:** 89.00 **B:** 46.00 *Replacing: 28MT.*
9 	**113230**#	MF 200	216 GTX, 218 GTX	128000-4520	**Voltage:** 12 **kW:** 0.7 **B+:** M8 **Total length:** 204.30 **Drive type:** Steel **Gear type:** GR **A:** 63.40 **B:** 43.40

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MASSEY FERGUSON

	HC-CARGO	Model		Replacing	Information
10 	**110442**	MF 200, MF 300	285, 298, 365	859883, AZJ3447, 11.131.635, NSB501, NSB500, 27487, 27485, 27479, 27477, 27473, 27464, 27415D, 27415B, 27415A, 27415, 27411, 63227485, 63227479, 2707130	**Voltage:** 12 **kW:** 2.1 **B+:** M8 **Total length:** 309.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 88.90 **B:** 30.00
9 	**110814**	MF 1000	1200	0001362062, AZJ3514, AZJ3137, 11.130.500, 11.130.123, 27401, MT71DB, MT71DA, MT71D, 94317148, 63217148, 63217147, 63217104, 30180309, 19024255	**Voltage:** 12 **kW:** 2.7 **B+:** M10 **Total length:** 296.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 110.00 **B:** 26.80
10 	**111737**	MF 1000	1200	27502D, 27502A, 27502, 26369J, 26369H, 26369A, 26369, 26359F, 26359B, 26359A, 26359, 26294Q, 26294N	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 314.75 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 3 (0) **A:** 89.00 **B:** 28.50
10 	**112136**	MF 2000	2640, Various Models	AZJ3318, 11.130.896, 27533E, 27533A, 27533, 26398H, 26398F, 26398A, 26398, 63227601	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 340.50 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 88.75 **B:** 48.30
10 	**110443**	MF 3000	3085	0001362093, 0001362020, S12-84, NSB503, 27486, 27478, 27472, 27467, 27435A, 27435, 27417D, 27417B, 27417A, 27417, 26925194D	**Voltage:** 12 **kW:** 2.1 **B+:** M8 **Total length:** 309.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 29.50
10 	**111012**	Various Models		SM56666, SM47330, 5666640MO30SM, 5666640-MO30SM, 5666620MO30SM, 4733040MO30SM, 4733040-MO30SM	**Voltage:** 12 **kW:** 0.5 **B+:** M8 **Total length:** 201.00 **Drive type:** Steel **Gear type:** DD **B:** 39.00
10 	**111024#**	Various Models		870646, Z1320F720, S115A12-2, S115A12-12, S11512-2, CA45H12-72, CA45G12-72, CA45F12-Y72, CA45F12-72	**Voltage:** 12 **kW:** 3.6 **B+:** M8 **Total length:** 370.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) Oil sealed **A:** 89.00 **B:** 47.45
10  NEW PRODUCT www.hc-cargo.com	**114107**	Various Models		AZE4579, AZE4214, 11.131.984, 11.131.315, 9162904	**Voltage:** 12 **kW:** 3.2 **B+:** M10 **Total length:** 295.00 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 88.88 **B:** 29.50

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MASSEY FERGUSON

	HC-CARGO	Model		Replacing	Information
11 	**112313**	Various Models		33835	**Voltage:** 12 **kW:** 0.5 **B+:** M6 **Total length:** 190.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **B:** 29.00

MCCORMICK

	HC-CARGO	Model		Replacing	Information
10 NEW PRODUCT www.hc-cargo.com	**114777**	Tractor	MTX	AZJ3402, 11.131.218	**Voltage:** 12 **kW:** 3.0 **B+:** M8 **B-:** M8 **Gear type:** DD **Mount. holes:** 3 (0) Not Insulated return **A:** 89.00 **B:** 28.00

MERCEDES-BENZ

	HC-CARGO	Model		Replacing	Information
9 	**110525**	1000	1000	9007044002, 9000083054, 9000083028, 0001367303, 0001367301, 0001367300, 0001367059, 0001367034, 860130, 860109, 2998000, AZJ3548, AZJ3118, 11.130.412, 11.130.229, 26417, 9142746, 443115144726, 35259380, 19024223, 19024205	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 341.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 48.00

MITSUBISHI

	HC-CARGO	Model		Replacing	Information
9 	**110210**	Various Models	Various Models (Tractors)	0001417051, 0001417038, 0001417001, 0001411009, 0001410024, 860506, 860132, 857468, 2998010, R23.05, R22.05, R20.42, 6050000, 0050000, AZK5191, 11.139.032, 9125010, 19024051	**Voltage:** 24 **kW:** 6.6 **B+:** M12 **B-:** M10 **Total length:** 407.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 48.50

NEW HOLLAND

	HC-CARGO	Model		Replacing	Information
9 	**110539**	8000	8080	0001418014, 0001413017, 19024008	**Voltage:** 12 **kW:** 3.6 **B+:** M10 **B-:** M10 **Total length:** 384.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 47.00
10 	**113968**	8000	8260, 8360, 8560	0001369200, F1NN11000AA, F0NN7H022BA, 82013923, 82005343, AZJ3212, 11.130.659	**Voltage:** 12 **kW:** 3.6 **B+:** M8 **Total length:** 330.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 20.00

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NEW HOLLAND

	HC-CARGO	Model		Replacing	Information
9 	**113182**	TL	TL Series	0001230023, 0001230010, 0001230007, AZF4155, 11.131.604, MSN2039	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 320.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 110.00 **B:** 30.00
10 	**113125**	TX	TX34	SA764A, SA-764A, E9HZ11002A, E9HT11001BA, 323-840, 1993854, 1993767, 1990347, 10461011, 10461006	**Voltage:** 12 **B+:** 1/2" UNC **Total length:** 401.50 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 3 (0) Oil sealed **A:** 92.00 **B:** 48.25 *Replacing: 37MT, 41MT.*
10 	**114050**	Various Models		0001230022, AZF4535, AZF4135, AZF4122, 11.131.520, 11.131.464, 11.130.999	**Voltage:** 12 **kW:** 4.2 **B+:** M10 **30h:** M10 **Total length:** 317.00 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 27.50
10 	**114196**	Various Models		0001263020, 0001263019, 0001231027, 0001231026, AZF4295, 11.132.094	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 317.00 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 27.60
10 	**114399**	Various Models		428000-3140	**Voltage:** 12 **kW:** 2.7 **B+:** M10 **Total length:** 296.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 89.00 **B:** 26.50
10 	**114021**	Various Models		1230020	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 314.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 29.00

PAYLOADER

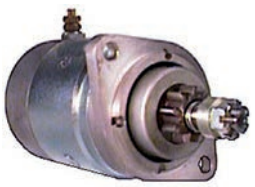
	HC-CARGO	Model		Replacing	Information
9 	**110523**	Various Models		0001368088, 0001368007, 0001368001, 0001360035, 0001360030, 0001360014, 0001360012, 0001360003, LNS4524/17, 859539, R10.08, 6090000, AZJ3518, AZJ3132, 11.130.491, 11.130.172, 11.130.141, 11.130.075, 61924051, 26025117A, 9174602, 9124310, 443115174602, 19024813, 19024234, 19024226	**Voltage:** 24 **kW:** 4.8 **B+:** M10 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 27.50

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RENAULT AGRICULTURE

	HC-CARGO	Model		Replacing	Information
10 	**113532**	Ares	710, 720, 725	AZJ3284, AZF4582, AZF4559, AZF4510, 11.131.929, 11.131.318, 11.131.167, 11.130.820, 11.130.748	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 341.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 82.50 **B:** 34.00

SAME

	HC-CARGO	Model		Replacing	Information
9 	**111645**	Various Models		MO101/10, 3M0110/10	**Voltage:** 12 **kW:** 0.4 **B+:** M6 **Total length:** 182.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 62.00 **B:** 27.50

SISU

	HC-CARGO	Model		Replacing	Information
11 	**113484**	SK	SK 150	0001368039, 0001368037, AZJ3186, 11.130.595, 27305	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 340.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 88.85 **B:** 47.50

STEYR

	HC-CARGO	Model		Replacing	Information
9 	**110601**	8000 Series	8300	BNG4/24CRS165SR, BNG4/24CR165SR, 0001416013, 0001415010, 0001414017, 0001410030, 0001410029, IM131, R23.13, 6130000, AZK5193, AZK5117, AZK5113, 11.139.034, 11.130.005, 10.130.121, 9125290, 9124340, 19024578	**Voltage:** 24 **kW:** 5.4 **B+:** M10 **Total length:** 384.25 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 88.85 **B:** 47.50

VALTRA

	HC-CARGO	Model		Replacing	Information
11 	**113484**	400 Series, 600 Series	411, 611	0001368039, 0001368037, AZJ3186, 11.130.595, 27305	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 340.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 88.85 **B:** 47.50
10 	**113901**	A	A75N, A85N, A95N	AZE4597, AZE4540, AZE4230, AZE4166, 11.132.101, 11.131.728, 11.131.426, 11.131.116	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 297.50 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 3 (0) **A:** 89.00 **B:** 48.00

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VALTRA

	HC-CARGO	Model		Replacing	Information
11 	**113570**	T	T120, T130, T140, T160, T170	0001260026, 0001260025, AZF4513, AZF4190, 11.131.727, 11.131.542, 11.130.836	**Voltage:** 12 **kW:** 4.0 **B+:** M10 **Total length:** 320.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 89.00 **B:** 48.00

VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model		Replacing	Information
8.11 	**110182**			M3T10476D, M3T10476, M3T10475, M3T10473, M0T92581, M0T84381A, M0T84381, M003T10476D, M003T10476	**Voltage:** 12 **kW:** 0.9 **B+:** M8 **Total length:** 201.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 74.00 **B:** 18.00
9 	**110245**			128000-6841, 128000-6840, 128000-6621, 128000-6620, 028000-8434, 028000-8432, 028000-8431, TM000A07101, MG120559, MG117559, M40237	**Voltage:** 12 **kW:** 1.7 **B+:** M8 **Total length:** 196.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.50 **B:** 26.00
9 	**110246**			228000-1061, 228000-1060, 128000-4900, 028000-6140	**Voltage:** 12 **kW:** 1.4 **B+:** M8 **Total length:** 212.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 66.00 **B:** 18.00
9 	**110356**			228000-1050, 128000-2131, 128000-2130	**Voltage:** 12 **kW:** 1.4 **B+:** M8 **Total length:** 207.20 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.40 **B:** 25.00
9 	**110421**			028000-9570, 028000-8890, 028000-7471, 028000-7470, 028000-7462, 028000-7461, 028000-7460, 26925240A, M3T49982, M3T49981, M3T33481, M3T33181, M3T29681, M003T49982, M003T49981, M003T33481, M003T33181	**Voltage:** 12 **kW:** 0.8 **B+:** M8 **Total length:** 188.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 66.00 **B:** 16.00
12 	**110436**			323-855, 323-830, 323-829, 1993983, 1993961, 1993943, 1993942, 1993939, 1993938, 1993937, 1993935	**Voltage:** 12 **B+:** 1/2" UNC **Total length:** 506.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) Insulated return Oil sealed **A:** 92.00 **B:** 46.00 *Replacing: 42MT.*

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
9 	**110447**		428000-2640, 228000-7151, 228000-7150, 228000-0981, 228000-0980, 228000-0970, 228000-0800	**Voltage:** 12 **kW:** 1.0 **B+:** M8 **Total length:** 199.50 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 66.00 **B:** 17.00
12,13 	**110461**		0001362307, 0001358202, 0001358201, 0001358200, 755F11000AB, 755F11000AA, 715F11000MA, 5003643, 1653210, 1653206, AZJ3279, 11.130.769, NSB521, 27577A, 27577, 27567, 27531, 27501E, 27501B, 27501A, 27501, 26407, 26388, 26356, 26355, 63227501, 9142860, 9142724	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **30h:** M5 **Total length:** 272.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 21.00
10 	**110464**		AZJ3324, 11.130.795, NSB515, LRS138, 27489, 27476, 27465, 27419D, 27419A, 27419, 26286J, 26286H, 26286F, 26286E, 26286A, 63227489, 91428729	**Voltage:** 12 **kW:** 2.1 **B+:** M8 **Total length:** 336.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 29.50
9 	**110468**		1998267, 1998266, 1109091, 1109090, 1108197, 1107378, 1107377	**Voltage:** 12 **B+:** 3/8" UNC **15a:** 8-32 UNC **Total length:** 307.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 3 (0) Oil sealed **A:** 88.65 **B:** 20.50 *Replacing: 10MT.*
9 	**110469**		1998281, 1998270, 1998269, 1109093, 1108421, 1107203, 10455355, 10455340, 10455304	**Voltage:** 12 **B+:** M10 **15a:** M5 **Total length:** 306.70 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 88.60 **B:** 44.50 *Replacing: 10MT.*
9 	**110512**		BNG4/24CRS163, BNG4/24CR231, BNG4/24, 0001416054, 0001416047, 0001416024, 0001416022, 0001415002, IM522, R23.25, R23.17, R23.16, R20Z, R20.17, 6250000, 6160000, AZK5412, AZK5194, AZK5104, 11.139.052, 11.139.035, 11.130.115, 10.130.123, 22615, 9125340, 9125320, 19024556, 19024550, 19024024, D13E81T, D13E81, D13E69T, D13E69, D13E63T, D13E63, 076571	**Voltage:** 24 **kW:** 5.4 **B+:** M10 **Total length:** 384.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 48.00

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
11 	**110534**		0001416035, 0001416030, 0001410109, 0001410099, 0001410063, 0001410053, R23.18, 6180000, 9125370, 19024030	**Voltage:** 24 **kW:** 5.4 **B+:** M10 **Total length:** 390.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 47.00
16 	**110635**		497596, 435307, 394808, 394674, 393017	**Voltage:** 12 **kW:** 0.5 **B+:** M6 **Total length:** 169.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 2 (0) **B:** 15.60
9 	**110637**		0001160002, M0101, 3M0101	**Voltage:** 12 **kW:** 0.4 **B+:** M6 **Total length:** 182.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 62.00 **B:** 27.50
10 	**110817**		27427E, 27427A, 27427, 27424B, 27424A, 27424, 26310H, 26310F, 26310E, 26310D, 26310A, 26310, 26285F	**Voltage:** 12 **kW:** 2.1 **B+:** M8 **Total length:** 315.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 88.80 **B:** 25.00
11 	**110940**		228000-6250, 228000-1071, 228000-1070, 228000-1041, 228000-1040, 228000-1002, 228000-1001	**Voltage:** 12 **kW:** 1.4 **B+:** M8 **Total length:** 212.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.50 **B:** 26.50
9 	**110949**		SM56662, SM18190, SM17705, 5666240MO30SM, 5666240-MO30SM, 5666220MO30SM, 5213140MO30SM	**Voltage:** 12 **kW:** 0.6 **B+:** M6 **Total length:** 215.25 **Drive type:** Bronze **Gear type:** DD **A:** 63.40 **B:** 45.80
9 	**111015**		0001108129, 0001107085, 0001107062, 0001107033, AZD2127, 11.131.928, 63521070, D6RA52, D6RA22	**Voltage:** 12 **kW:** 1.1 **B+:** M8 **Total length:** 216.25 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 76.00 **B:** 15.00

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
9 	**111021**		228000-7671, 228000-3660, 228000-1531, 228000-1530, 228000-0991, 228000-0990, 228000-0150	**Voltage:** 12 **kW:** 1.4 **B+:** M8 **Total length:** 209.50 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 66.00 **B:** 18.00
10 	**111049**		1998576, 1109439	**Voltage:** 12 **B+:** M8 **15a:** M5 **Total length:** 304.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 3 (0) Oil sealed **A:** 88.90 **B:** 46.25 *Replacing: 10MT.*
9 	**111197**		228000-5273, 228000-5270, 228000-4750, 228000-4593, 228000-4592, 228000-4591, 228000-4590	**Voltage:** 12 **kW:** 2.0 **B+:** M8 **Total length:** 232.40 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.55 **B:** 26.00
9 	**111249**		BNG4/24CRS165BR, BNG4/24CR165BR, 0001416027, 0001416017, 0001414018, 0001402058, 0001402056, R23.14, 6140000, 9125300, 19024554, 19024027	**Voltage:** 24 **kW:** 5.4 **B+:** M10 **Total length:** 381.80 **Drive type:** Bronze **Gear type:** DD **Mount. holes:** 3 (0) Waterproof **A:** 89.00 **B:** 48.25
11 	**111284**		63217163, 63217106, 063217163010	**Voltage:** 12 **kW:** 2.5 **B+:** M10 **Total length:** 296.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **A:** 82.00 **B:** 21.00
10 	**111573**		0001359116, 27526D, 27526A, 27526, 27513A, 27513, 26376L, 26376K, 26376A, 26376, 26351, 26343K, 26343D, 26343B	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 311.00 **Drive type:** Steel **Gear type:** DD/GR **Mount. holes:** 3 (0) **A:** 101.00 **B:** 25.50
10 	**111574**		858762, 27595, 27564F, 27564A, 27564, 26025110A	**Voltage:** 12 **kW:** 2.8 **B+:** M8 **Total length:** 340.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 88.75 **B:** 47.15

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
9 	**111622**		228000-0951, 228000-0950	**Voltage:** 12 **kW:** 1.2 **B+:** M8 **Total length:** 177.50 **Drive type:** Steel **Gear type:** GR **Clutch type:** Wet **Mount. holes:** 2 (0) **A:** 66.30 **B:** 18.00
10 	**111646**		PN001/3, 3PN0001/3	**Voltage:** 12 **kW:** 0.2 **B+:** M6 **Total length:** 181.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **B:** 13.50
9 	**111701**		SMH12C1, SM56659, SM15745, 5666740MO30SM, 5666740, 5665940MO30SM, 5665940-M030SM, 5665940	**Voltage:** 12 **kW:** 0.8 **B+:** M8 **Total length:** 251.25 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 4 (3) **A:** 69.60 **B:** 56.30
16 	**111804**		396306, 394807, 391178	**Voltage:** 12 **kW:** 0.6 **B+:** 1/4" UNC **Total length:** 182.00 **Drive type:** Plastic **Gear type:** DD **Mount. holes:** 2 (0) **B:** 50.00
11 	**111855**		0001223002, 0001218772, 0001218172, 0001109370, AZE4535, AZE4202, 11.131.951, 11.131.109, 9142900, 9142726, 443115142726	**Voltage:** 12 **kW:** 2.2 **B+:** M8 **Total length:** 267.00 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 2 (0) **A:** 82.50 **B:** 23.00
9 	**111911**		0001108442, 0001108401, 0001108231, 0001108230, 0001108190, 0001108157, 0001108108, 0001107443, 428000-0670, 63293537, 63280070, 63223537, 63111006	**Voltage:** 12 **kW:** 1.4 **B+:** M8 **30h:** M5 **Total length:** 231.50 **Drive type:** Steel **Gear type:** GR **Clutch type:** Dry **Mount. holes:** 3 (2) **A:** 76.00 **B:** 20.50
11 	**112041**		0001362700, AZJ3177, 11.130.565	**Voltage:** 12 **kW:** 2.2 **B+:** M10 **Total length:** 293.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) **A:** 82.50 **B:** 23.00
16 	**112242**		498148, 495100, 399928	**Voltage:** 12 **kW:** 0.6 **B+:** M6 **Total length:** 182.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **B:** 10.00

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
9 	**112249**		0001366025, 0001354095, 0001354088, 0001354031, AZJ3197, AZJ3155, 11.130.620, 11.130.531, MEO6005	**Voltage:** 12 **kW:** 2.7 **B+:** M10 **Total length:** 295.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.50 **B:** 21.50
10 	**112339**		PN0001, 3PN0001	**Voltage:** 12 **kW:** 0.3 **B+:** M6 **Total length:** 180.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **B:** 18.00
9 	**113208**		228000-4620	**Voltage:** 12 **kW:** 0.8 **B+:** M8 **Total length:** 180.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (2) **A:** 73.90 **B:** 20.00
17 	**113671**		SM11	**Voltage:** 12 **B+:** M6 **Total length:** 164.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0)
11 	**114170**		1368004	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 340.00 **Gear type:** DD **Mount. holes:** 2 (0) **A:** 89.00 **B:** 48.20
10 	**114375**		228000-9480	**Voltage:** 12 **kW:** 0.6 **B+:** M8 **Total length:** 181.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (2) **A:** 70.00 **B:** 13.25
10 	**114446**		1416046	**Voltage:** 24 **kW:** 5.4 **B+:** M10 **Total length:** 387.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 92.00 **B:** 47.50
11 	**114474**		M8T60972, M8T60971, M008T60972, 0-24000-3041, 0-24000-3040	**Voltage:** 24 **kW:** 5.0 **B+:** M10 **Total length:** 287.00 **Gear type:** GR **Mount. holes:** 2 (0) **A:** 95.00 **B:** 45.00

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
9 	**114478**		1363113	**Voltage:** 24 **kW:** 3.2 **B+:** M10 **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.50 **B:** 23.00
24 	**114517**		498149	**Voltage:** 12 **B+:** 1/4" UNC **Total length:** 169.00 **Drive type:** Plastic **Gear type:** DD **Mount. holes:** 2 (0) **B:** 12.00
14 	**114519**		693552	**Voltage:** 12 **kW:** 1.0 **B+:** 1/4" UNC **Total length:** 182.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 2 (0) **B:** 13.00
9 	**114677**		AZE2662, AZE2605, 11.131.527, 11.130.922	**Voltage:** 12 **kW:** 2.0 **B+:** M8 **Total length:** 232.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 82.50 **B:** 40.50
14 	**114696**		M0T60481, 30L66-10600	**Voltage:** 12 **kW:** 1.2 **B+:** M8 **Total length:** 207.00 **Gear type:** GR **Mount. holes:** 2 (2) Not Insulated return **A:** 77.00 **B:** 16.00
10 	**114738**		228000-6652, 228000-6651, 228000-6650	**Voltage:** 12 **kW:** 1.4 **B+:** M8 **Total length:** 218.00 **Gear type:** GR **Mount. holes:** 2 (0) Not Insulated return **A:** 88.80 **B:** 48.00
9 NEW PRODUCT www.hc-cargo.com	**114739**		228000-5750	**Voltage:** 12 **kW:** 0.8 **B+:** M8 **Total length:** 202.00 **Gear type:** GR **Mount. holes:** 2 (0) **A:** 95.00 **B:** 20.00
10 NEW PRODUCT www.hc-cargo.com	**114748**		128000-5590	**Voltage:** 12 **kW:** 1.4 **B+:** M8 **15a:** M4 **Total length:** 189.00 **Gear type:** GR **Mount. holes:** 2 (0) Not Insulated return **A:** 89.00 **B:** 20.00

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
NEW PRODUCT www.hc-cargo.com	**114824**		AZF4571, AZF4292, 11.132.083, 11.131.254	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 320.50 **Gear type:** GR **Mount. holes:** 3 (0) **A:** 88.90 **B:** 47.00
9 NEW PRODUCT www.hc-cargo.com	**114891**		428000-1591, 428000-1590	**Voltage:** 12 **kW:** 1.1 **B+:** M8 **Total length:** 211.50 **Gear type:** GR **Mount. holes:** 2 (0) **A:** 80.00 **B:** 20.00
13 NEW PRODUCT www.hc-cargo.com	**115324**		0001366010	**Voltage:** 12 **kW:** 1.9 **B+:** M10 **Total length:** 292.00 **Gear type:** DD **Mount. holes:** 2 (0) **A:** 82.50 **B:** 21.00
11 NEW PRODUCT www.hc-cargo.com	**115329**		0001107046, 0001107040, AZE2649, 11.131.299	**Voltage:** 12 **kW:** 1.2 **B+:** M8 **Total length:** 212.00 **Gear type:** GR **Mount. holes:** 2 (0) **A:** 76.20 **B:** 16.00
10 NEW PRODUCT www.hc-cargo.com	**115388**		6502540MO30SM	**Voltage:** 12 **B+:** 1/4" UNC **Gear type:** PMDD **Mount. holes:** 2 (0) Not Insulated return **B:** 40.00
NEW PRODUCT www.hc-cargo.com	**115391***		77FB10300GB, 77FB10300GA, AZF4146, 11.131.573	**Voltage:** 12 **kW:** 4.0 **Gear type:** GR **Mount. holes:** 3 (0)
NEW PRODUCT www.hc-cargo.com	**115392***		AZF4147, 11.131.574	**Voltage:** 12 **kW:** 4.0 **Gear type:** GR **Mount. holes:** 3 (0)
10 NEW PRODUCT www.hc-cargo.com	**115393**		AZF4148, 11.131.575	**Voltage:** 12 **kW:** 4.0 **B+:** M10 **Total length:** 321.00 **Gear type:** GR **Mount. holes:** 3 (0) Not Insulated return **A:** 89.00 **B:** 29.50

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model		Replacing	Information
10 NEW PRODUCT www.hc-cargo.com	**115406***			31200-ZF5A-L310, 31200-ZF5-L32	**Voltage:** 12
10 NEW PRODUCT www.hc-cargo.com	**115428**			0001354094, 0001354026	**Voltage:** 12 **kW:** 1.8 **B+:** M10 **Total length:** 323.00 **Gear type:** DD **Mount. holes:** 2 (0) **A:** 82.30 **B:** 20.60
15 NEW PRODUCT www.hc-cargo.com	**115469***			715208	**Voltage:** 12 **Mount. holes:** 2 (0)
11 NEW PRODUCT www.hc-cargo.com	**115590**			1510003	**Voltage:** 24 **kW:** 9.0 **B+:** M12 **B-:** M12 **Gear type:** DD **Mount. holes:** 0 (0) Insulated return **A:** 68.00 **B:** 37.50
24 NEW PRODUCT www.hc-cargo.com	**115591***			694504	**Voltage:** 12
NEW PRODUCT www.hc-cargo.com	**115592***			695479	**Voltage:** 12

VOLVO BM

	HC-CARGO	Model		Replacing	Information
9 	**113482**	800, 2600, SM	861, 2650, 2654, SM 868	0001367046, 0001367045, 0001359089, 0001359087, 0001359044, 0001359013, AZJ3310, 11.130.881	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **Total length:** 338.50 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 3 (0) **A:** 88.75 **B:** 47.00

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

VOLVO BM

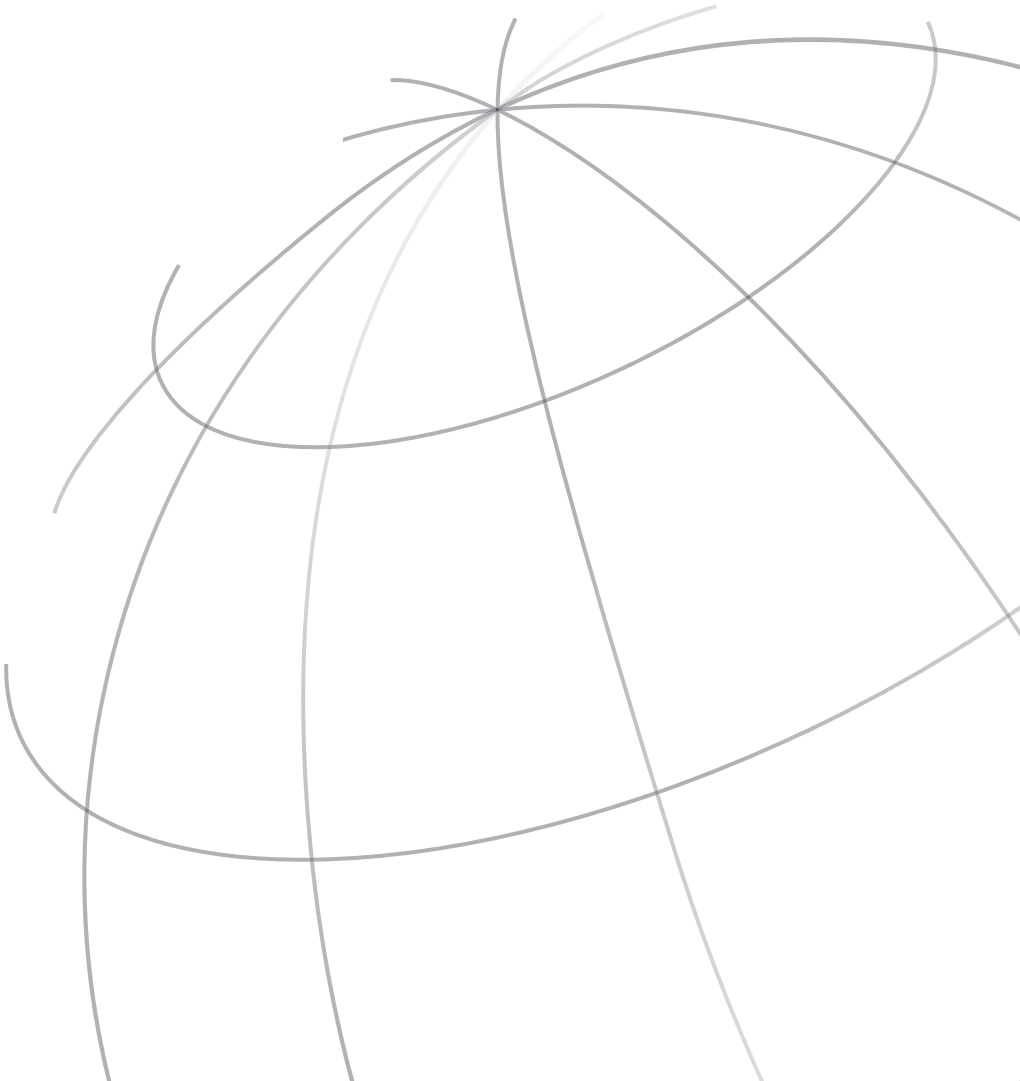
	HC-CARGO	Model		Replacing	Information
9 	**113850**	A	A20	0001416059, AZK5467, 19024101	**Voltage:** 24 **kW:** 5.4 **B+:** M10 **B-:** M10 **Total length:** 387.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Dry **Mount. holes:** 3 (0) Not Insulated return Oil sealed **A:** 89.00 **B:** 48.00
11 	**110207**	L	L 160	0001417035, 0001416070, 0001416007, 0001416005, 0001415013, 0001414019, 0001410046, 0001402057, 110207, S115A24-21, 2998008, 1327A601, 1327A600, R23.10, 6100000, 11.139.106, 9125240, 19024553, 19024013	**Voltage:** 24 **kW:** 5.4 **B+:** M10 **B-:** M10 **Total length:** 387.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 47.00
9 	**112132**	LM	LM 621, LM 641, LM 841, LM 845	0001368030, 0001360036, 0001360023, AZJ3277, 11.130.766	**Voltage:** 24 **kW:** 4.0 **B+:** M10 **Total length:** 339.00 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) Oil sealed **A:** 88.70 **B:** 47.00
9 	**110537**	T	T350, T800, T810, T814	BNG4/12CR247, BNG4/12CR215, 0001418012, 0001418001, 0001413006, 0001413002, 0001413001, 0001401066, AZK5196, AZK5195, AZK5168, AZK5106, AZK5105, 11.139.037, 11.139.036, 11.139.008, 11.130.126, 19024562, 19024561, 19024000	**Voltage:** 12 **kW:** 3.6 **B+:** M10 **B-:** M10 **Total length:** 384.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 47.00
9 	**111217**	T	T800, T810	BNG4/12CR222, 0001418004, 0001418003, 0001413010, 0001413007, 0001401068, 0001401052, 0001401028, AZK5511, AZK5457, AZK5449, AZK5192, AZK5112, 11.139.108, 11.139.098, 11.139.033, 11.130.142, MT38RA, MT38R, MT38M, 19024566, 19024565	**Voltage:** 12 **kW:** 3.0 **B+:** M10 **B-:** M10 **Total length:** 386.50 **Drive type:** Steel **Gear type:** DD **Mount. holes:** 3 (0) **A:** 89.00 **B:** 48.00

YANMAR

	HC-CARGO	Model		Replacing	Information
11 	**112674**	YM	YM1300, YM1500	S114-230A, S114-203	**Voltage:** 12 **kW:** 1.3 **B+:** M8 **Total length:** 208.00 **Drive type:** Steel **Gear type:** DD **Clutch type:** Wet **Mount. holes:** 2 (0) **A:** 89.00 **B:** 24.00
9 	**113680**	YM	YM1300	S114-656A, S114-656	**Voltage:** 12 **kW:** 0.9 **B+:** M8 **Total length:** 189.00 **Drive type:** Steel **Gear type:** GR **Mount. holes:** 2 (0) **A:** 88.70 **B:** 16.00

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DC Motors



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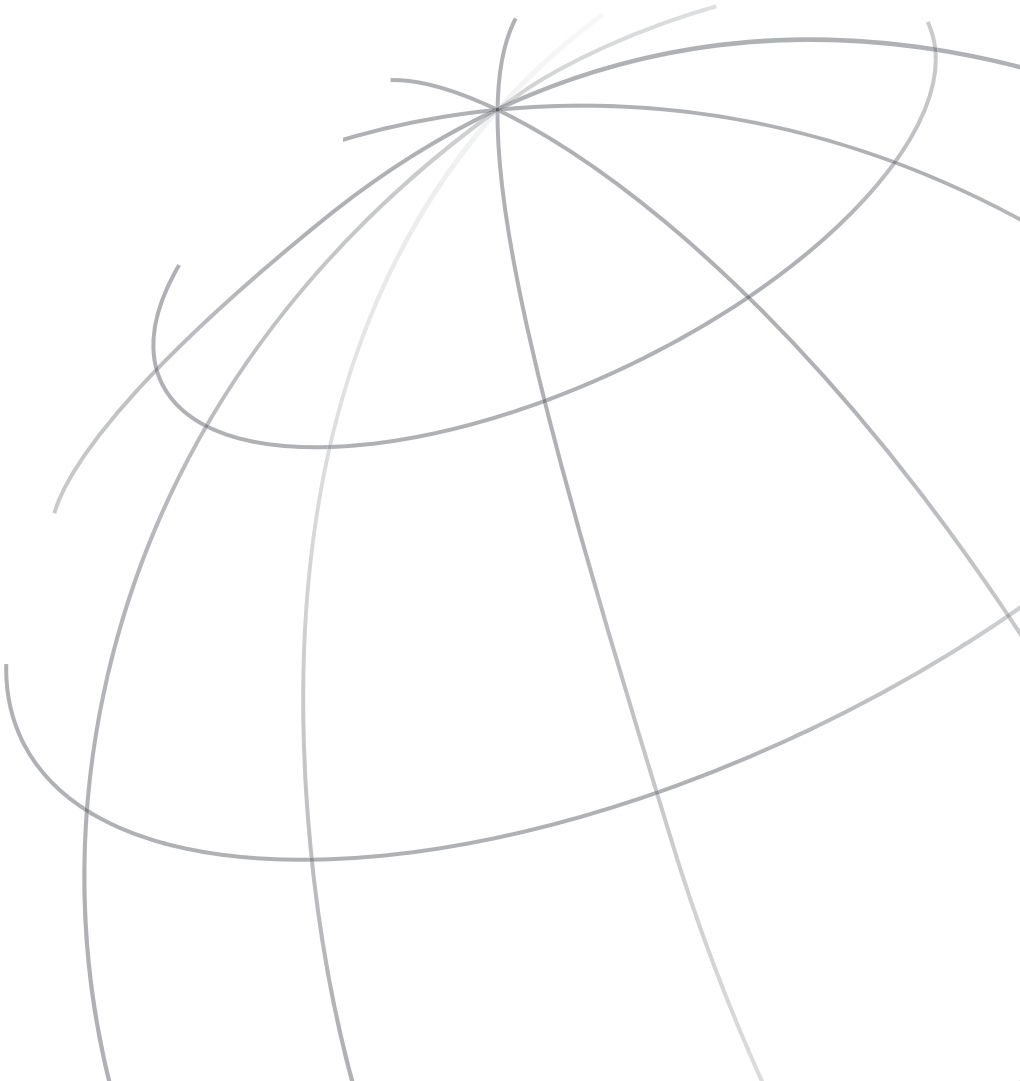
VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model		Replacing	Information
	**114858**			24MD22STWAZ, 104024Z, 104012Z	**Voltage:** 24 **kW:** 2.0 **Length:** 193.00
	**114862**			24MD22TWA, 104024	**Voltage:** 24 **kW:** 2.0 **Length:** 179.80
	**114863**			24MD22TVR2, 24MD22TVR1, 24MD22TVR, 1500VB	**Voltage:** 24 **kW:** 2.0 **Length:** 181.66

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

HC CAR GO

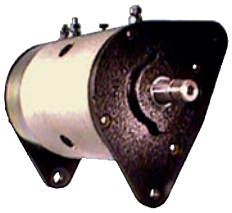
Dynastarters



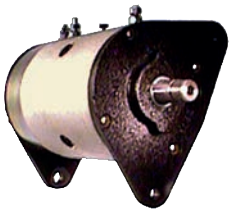
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BCS

	HC-CARGO	Model		Replacing	Information
	**110060**	600, 700	601, 715, 725	0010300100, 0010300006, 0010300004, 0010300002, 19025600	**Voltage:** 12 **Ampere:** 11 **kW:** 0.9 **Pulley:** w/o **Length:** 236.50 *Regulator: HC-CARGO 235781.* *Solenoid: HC-CARGO 133695.*

GOLDONI

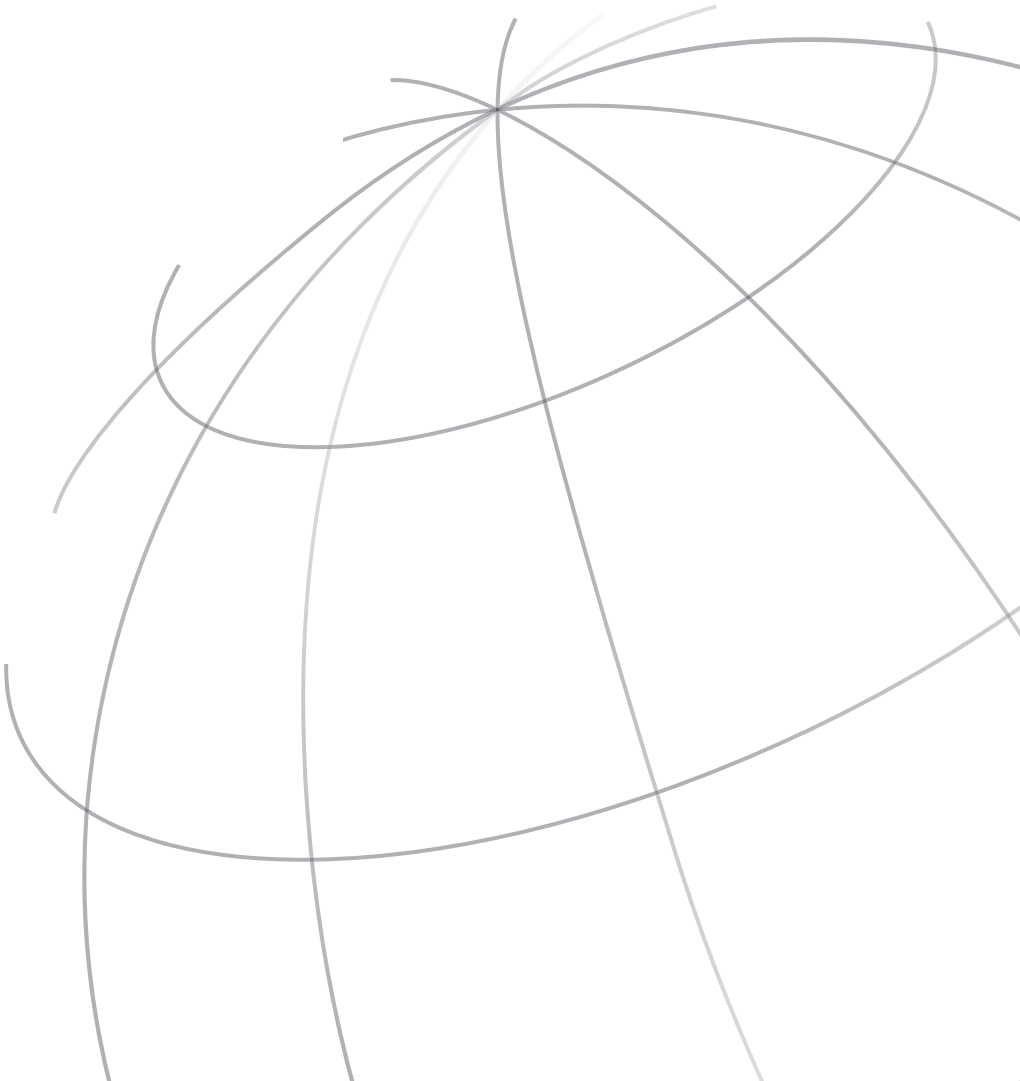
	HC-CARGO	Model		Replacing	Information
	**110060**	600	611	0010300100, 0010300006, 0010300004, 0010300002, 19025600	**Voltage:** 12 **Ampere:** 11 **kW:** 0.9 **Pulley:** w/o **Length:** 236.50 *Regulator: HC-CARGO 235781.* *Solenoid: HC-CARGO 133695.*

JOHN DEERE

	HC-CARGO	Model		Replacing	Information
	**113145**	Gator	Various Models	GSB107-06F, GSB107-06E, GSB107-06	**Voltage:** 12 **Ampere:** 15 **kW:** 0.75 **Pulley:** w/o **Length:** 241.50 Not Insulated return *Regulator: HC-CARGO 233625.*

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

Alternator parts



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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

REGULATORS/RECTIFIERS

14 VOLT

234167# Regulator/Rectifier — **Replacing:** 493219



Dist. mount. holes:
66.35

234170 Regulator/Rectifier — **Replacing:** 691188, 491546



Amp: 9

REGULATORS

14 VOLT

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
130883 Regulator	**Replacing:** RB340, ncb132, ncb130, 37573, 37572, 37570, 37563a, 37563, 37542, 37451, 37362, 37344		
	**Amp:** 22	**Dist. mount. holes:** 115.85	**Regulator type:** Electronic
130884 Regulator	**Replacing:** ncb131, ncb121, 37574a, 37574, 37568, 37543, 37529, 37342		
	**Amp:** 25	**Dist. mount. holes:** 113.60	

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

REGULATORS

14 VOLT

130505 Regulator

Servicing: 10DN, 20DN

Replacing: d663, d6353, d635, d634, d632, d631, 1119519, 1119515, 1119512, 1119507, 1119506



Voltage setting: 14.5

Dist. mount. holes: 91.00

Terminal type: F-S-B+-L
Regulator type: Electronic

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

REGULATORS

14 VOLT

130032 Regulator

Servicing: 0101302022, 0101302023, 0101302027, 0101302067, 0101302068, 0101302069, 0101302070, 0101302075, 0101302076, 0101302085

Replacing: 0190350079, 0190350069, 0190350059, 0190350054, 0190350039, 0190350038, 0190350005, 0190309038



Amp: 30
Watt: 360

D+ type: Screw
Dist. mount. holes: 125.00

Terminal type: D+ - DF-B+
Regulator type: Mechanical

130033 Regulator

Replacing: ncb136, ncb134, 37592, 37577, 37503, 37432



Amp: 11

D+ type: Spade
Dist. mount. holes: 119.00

Terminal type: E-D-WL-F-B
Regulator type: Mechanical

130038 Regulator

Replacing: ncb114, ncb113, 37399, 37396, 37277, 37274, 37258, 37230, 37229, 37198, 37197



Amp: 9-12

Dist. mount. holes: 94.00

Regulator type: Mechanical

130039 Regulator

Replacing: ncb112, 37395, 37228



Amp: 9-12

Dist. mount. holes: 108.00

Regulator type: Mechanical

130040 Regulator

Replacing: ncb119, 37407, 37403, 37397, 37388, 37327



Amp: 9-12

D+ type: Spade
Dist. mount. holes: 111.00

Regulator type: Mechanical

130041 Regulator

Replacing: ncb120, ncb118, 37408, 37405, 37398, 37365



Amp: 9-12

D+ type: Spade
Dist. mount. holes: 96.50

Regulator type: Mechanical

235781 Regulator

Servicing: 0010300100, 0101209016, 0101209033, 0101209039, LJ/GEH90/12/1800F, LJ/GEH90/12/2300R

Replacing: F026T02200, 9190215028, 9120215028, 0190350045, 0190350009, 0190309032, 0190215037, 0190215029, 11.125.078



Amp: 11
Watt: 130

D+ type: Screw
Dist. mount. holes: 95.00

Regulator type: Electronic

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
235782 Regulator	**Servicing:** 0101302004, 0101302035, 0101302038, 0101302039, 0101302044, 0101353005, 0101353037, 0101354023, 0101355016, 0101355042 **Replacing:** F026T02201, 0190350046, 0190309015, 0190309012, 0190309003, 0190215036, 0190215031, 0190215030		
	**Amp:** 16 **Watt:** 192	**D+ type:** Screw **Dist. mount. holes:** 95.00	**Regulator type:** Electronic
235783 Regulator	**Servicing:** 0101206009, 0101206011, 0101206012, 0101206043, 0101207005, LJ/GEG160/12/2500 **Replacing:** F026T02202, 9190083000, 9190082001, 0190309037, 0190309029, 0190309028, 0190309016, 0190309004		
	**Amp:** 20 **Watt:** 240	**D+ type:** Screw **Dist. mount. holes:** 95.00	**Regulator type:** Electronic
235784 Regulator	**Replacing:** F026T02203, 0190350055, 0190350013, 0190350007, 0190350006, 0190309018, 0190215034		
	**Amp:** 25 **Watt:** 300	**Dist. mount. holes:** 95.00	**Regulator type:** Electronic
235785 Regulator	**Servicing:** 0101302067, 0101302068, 0101302069, 0101302070, 0101302075, 0101302076, 0101302085, 0101302086, 0101302089, 0101302090 **Replacing:** F026T02204, 0190350068		
	**Amp:** 30 **Watt:** 360	**Dist. mount. holes:** 94.00	**Regulator type:** Electronic
235786 Regulator	**Servicing:** 0101206063, 0101206064, 0101206116, 0101206117, 0101302074, 0101302083, 0101302107, 0101302108, 0101356005, 0101356013 **Replacing:** F026T02205, 0190350063, 0190350041, 0190350040, 0190350034, 0190350015, 0190309040, 0190309020		
	**Amp:** 38 **Watt:** 456	**D+ type:** Screw **Dist. mount. holes:** 95.00	**Regulator type:** Electronic
28 VOLT			
130037# Regulator	**Servicing:** 0101402060, 0101402061, 0101402062, 0101402065, 0101402088, 0101402089, 0101402099, LJ/GK300/24/1300A **Replacing:** 0190118005, 0190117009, 0190117004, 0190103008, 0190103002, 0190101012, 0190101011, 0190101007, 11.125.071		
	**Amp:** 19 **Watt:** 450	**D+ type:** Screw **Dist. mount. holes:** 125.00	**Terminal type:** D+ - DF-B+ **Regulator type:** Mechanical

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

REGULATORS

14 VOLT

235781 Regulator

Servicing: 0010300100, 0101209016, 0101209033, 0101209039, LJ/GEH90/12/1800F, LJ/GEH90/12/2300R

Replacing: F026T02200, 9190215028, 9120215028, 0190350045, 0190350009, 0190309032, 0190215037, 0190215029, 11.125.078



Amp: 11
Watt: 130

D+ type: Screw
Dist. mount. holes: 95.00

Regulator type: Electronic

235784 Regulator

Replacing: F026T02203, 0190350055, 0190350013, 0190350007, 0190350006, 0190309018, 0190215034



Amp: 25
Watt: 300

Dist. mount. holes: 95.00

Regulator type: Electronic

235785 Regulator

Servicing: 0101302067, 0101302068, 0101302069, 0101302070, 0101302075, 0101302076, 0101302085, 0101302086, 0101302089, 0101302090

Replacing: F026T02204, 0190350068



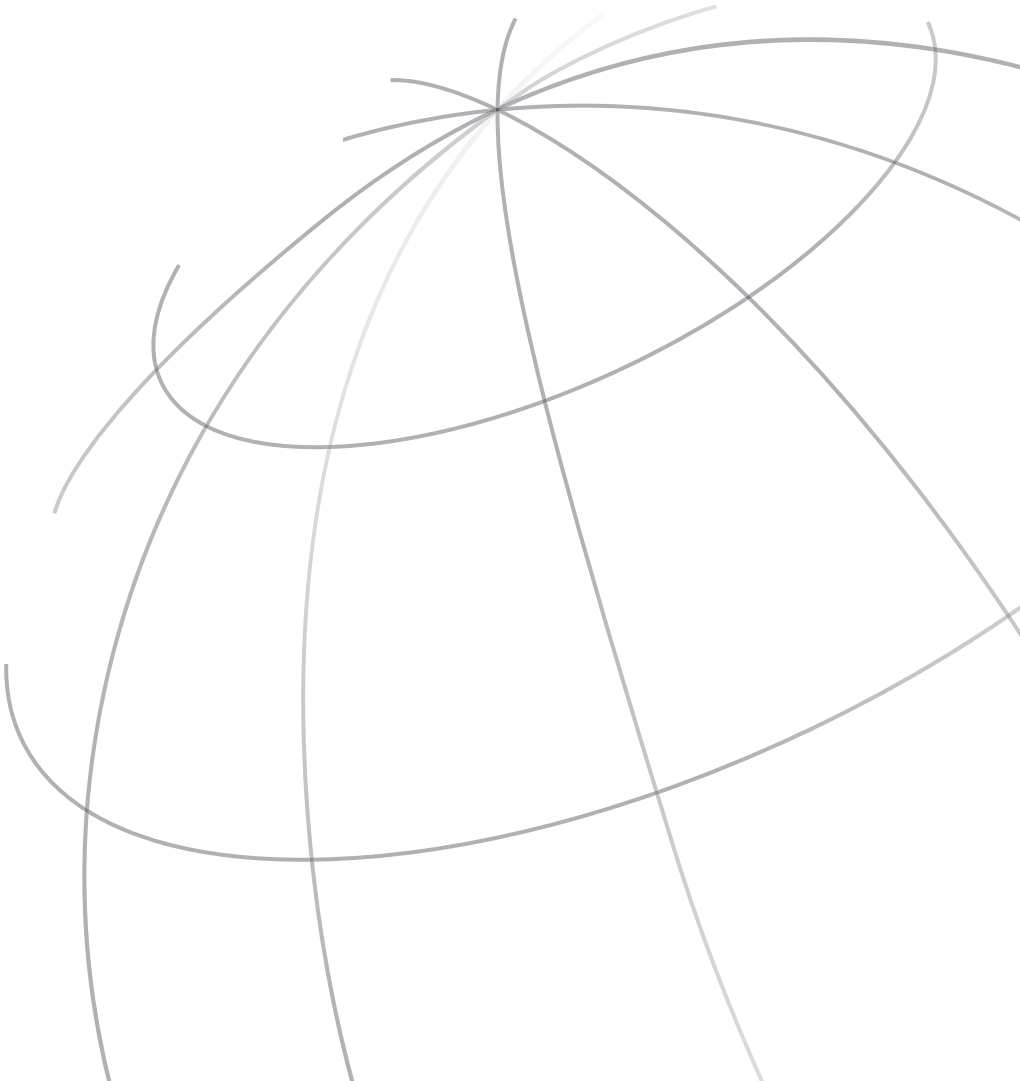
Amp: 30
Watt: 360

Dist. mount. holes: 94.00

Regulator type: Electronic

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Starter parts



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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

DRIVES

137278 Drive Kit

Servicing: 390838, 391178, 392749, 393499, 394807, 394943
Replacing: 391461

Gear: HC-CARGO 139395.



No./ teeth: 16

139417 Drive Kit

Servicing: 394808, 396306, 399169, 490420, 494148, 494198, 494990, 495100, 498148
Replacing: 696539, 495877, 490467, 393254

Gear: HC-CARGO 139395.



ID 16.20, **OD:** 40.00
Total length: 11.55

No./ teeth: 16
Splines A: 3

139418 Drive Kit

Servicing: 394805, 394808, 396306, 399169, 399928, 490420, 494148, 494198, 494990, 495100, 498148
Replacing: 696540, 495878, 490771, 490421, 396865, 3886

Gear: HC-CARGO 139395.



230399 Drive Kit

Servicing: 490753, 495104
Replacing: 491836



OD: 40.00
Total length: 19.50

No./ teeth: 16

230400 Drive Kit

Servicing: 497401, 497594, 497595, 497596, 499521, 693054
Replacing: 497606

w/ snap ring.



OD: 41.00
Total length: 11.50

No./ teeth: 16

DRIVE PARTS

PINION

139395 Pinion

Servicing: 390838, 394805, 399928, 491334, 495102, 497596, 498148
Replacing: 693059, 4114, 280104



ID 20.50, **OD:** 41.00
Height: 11.50

No./ teeth: 16
Splines: 2

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
234466 Pinion	**Replacing:** all caps		
		**ID** 15.90, **OD:** 40.60/1.60" **Height:** 19.80/0.78"	**No./ teeth:** 16 **Splines:** 2
235627 Pinion	**Servicing:** 693551, 693552, 695479 **Replacing:** 693713		
		**ID** 16.20, **OD:** 40.85 **Total length:** 13.80	**No./ teeth:** 14 **Rotation:** ACR **Splines A:** 2

CLUTCHES

234211 Clutch	**Servicing:** 393499, 394805, 394807, 394808, 394943, 396306, 399169, 399928, 490420, 491308, 494148, 494198, 494990, 495100, 497401 **Replacing:** 692024, 398003, 391135		
			

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

DRIVES

DRIVE PARTS

PINION

234121# Pinion

Servicing: 33835
Replacing: 33844



ID 10.25, **OD:** 32.00
Height: 31.00

No./ teeth: 11

234122# Pinion

Servicing: 34934, 35707, 35709, 36086, 36123
Replacing: 34949a



ID 9.70, **OD:** 26.90
Height: 20.30

No./ teeth: 9

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

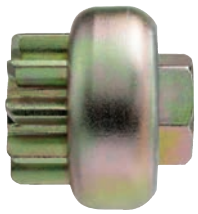
DRIVES

135400 Drive

Servicing: 0139940m030sm, 0228940mo30sm, 0246540mo30sm, 0246640MO30SM, 0319940m030sm, 0996340mo30sm, 1065221mo30sm, 1097028m030sm

Replacing: DV70175, dv18019, 7017540DV30SM, 7017540, 1801940dv30sm, 1801940

Bronze.



ID 12.85, **OD:** 31.75
Total length: 36.75

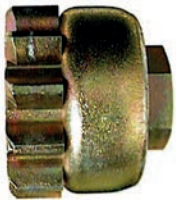
No./ teeth: 10
Rotation: ACR
Splines A: 6

135401 Drive

Servicing: 0255640-mo30sm, 4411940-m030sm, sm02556, sm44119, SM48510

Replacing: dv16375, 1637540dv30sm

Bronze.



ID 12.85, **OD:** 43.00
OD/ housing: 41.30
Total length: 36.40

No./ teeth: 11
Rotation: ACR
Splines A: 6

135402 Drive

Servicing: 0814240M030SM, 4820440M030SM, 4820540MO30SM, 4886540mo30sm, 5275640Mo30SM, 5672740MO30SM, sm08142, sm14916, sm17183

Replacing: dv70104, dv47871, dv08154, 7010440dv30sm, 4787140dv30sm, 0815440dv30sm

Bronze.



ID 12.15, **OD:** 27.00
Total length: 35.65

No./ teeth: 8
Rotation: ACR
Splines A: 6

135403 Drive

Servicing: 0996140mo30sm, sm09961, smh12b31, SMH12B37

Replacing: dv02557, 0255740dv30sm

Bronze.



ID 12.15, **OD:** 29.00
OD/ housing: 41.75
Total length: 35.00

No./ teeth: 9
Rotation: ACR
Splines A: 6

135404 Drive

Servicing: 1122940-m030sm, 1574440M030SM, 1574540mo30sm, 1799640MO30SM, 5059240MO30SM, 5071240M030SM, SM002610, sm02610, sm10629

Replacing: dv20346, 2034640dv30sm



ID 13.00, **OD:** 36.55
OD/ housing: 41.80
Total length: 35.50

No./ teeth: 9
Rotation: ACR
Splines A: 6

135406 Drive

Servicing: 4412040M030SM, 5273440M030SM, sm44120

Replacing: dv44192, 4419240dv30sm

Bronze.



ID 12.85, **OD:** 29.00
OD/ housing: 41.75
Total length: 36.85

No./ teeth: 9
Rotation: ACR
Splines A: 6

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
135408 Drive	**Servicing:** 1819040-mo30sm, 1819040mo30sm, 1819140M030SM, 2134940-M030SM, 2134940Mo30SM, 5213140-m030sm, 5213140MO30SM **Replacing:** dv18200, 1820040dv30sm		
Bronze.			
		**ID** 12.15, **OD:** 29.00 **OD/ housing:** 41.50 **Total length:** 36.55	**No./ teeth:** 9 **Rotation:** ACR **Splines A:** 6
135409 Drive	**Servicing:** 0599440-m030sm, 0599540mo30sm, 1570140mo30sm, 1635340-m030sm, 4733040mo30sm, 5129640mo30sm, 5665740MO30SM **Replacing:** dv551067as, dv551067a, dv551067, dv47338, 5695KT30SM, 5695340KT30SM, 4733840dv30sm		
		**ID** 10.45, **OD:** 32.25 **Total length:** 28.00	**No./ teeth:** 10 **Rotation:** ACR **Splines A:** 7
135410 Drive	**Servicing:** smh12a102, smh12a201, smh12a202, SMH13A102, SMH13A201, SMH13A202, SMH13A62 **Replacing:** dv551092as, dv551092a		
Bronze.			
		**ID** 10.50, **OD:** 32.20 **OD/ housing:** 41.75 **Total length:** 30.00	**No./ teeth:** 10 **Rotation:** ACR **Splines A:** 4
135411# Drive	**Servicing:** smh12a11 **Replacing:** dv551068a		
Bronze.			
		**ID** 10.50, **OD:** 38.75 **OD/ housing:** 41.20 **Total length:** 30.85	**No./ teeth:** 18 **Splines A:** 7
230399 Drive Kit	**Servicing:** 6013840Mo30SM, 6019440mo30sm **Replacing:** 6024140ge30sm		
		**OD:** 40.00 **Total length:** 19.50	**No./ teeth:** 16

DRIVE PARTS

PINION

139395 Pinion	**Replacing:** 280104		
		**ID** 20.50, **OD:** 41.00 **Height:** 11.50	**No./ teeth:** 16 **Splines:** 2

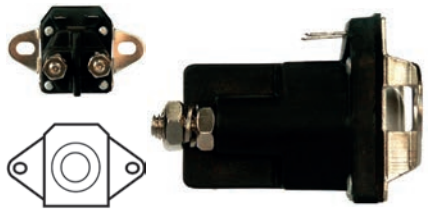
SOLENOIDS

12 VOLT

EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

231525 Solenoid — Replacing: all caps

Insulated return.



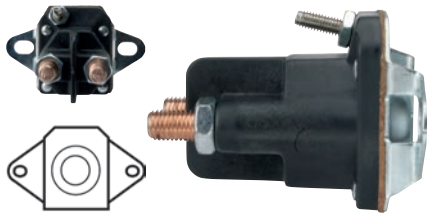
Voltage: 12
Amp: 80

B+: 1/4"-20
Height/B+: 18.00
Kl. 15a: 10-24 UNC
Kl. 50: 10-24 UNC
Total length: 66.45
Coil bolt: 1/4"-20
Coil bolt 2: 18.00

No./ terminal: 4

231526 Solenoid — Replacing: all caps

Relay w/ 1/4" B+: HC-CARGO 234070.

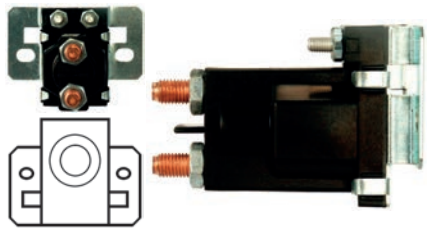


Voltage: 12
Amp: 80

B+: 5/16-24
Height/B+: 9.50
Kl. 50: M4
Width/ kl. 50: 10.20
OD: 55.85
Total length: 55.15
Coil bolt: 5/16"-24
Coil bolt 2: 9.50

No./ terminal: 3

231527 Solenoid — Replacing: all caps



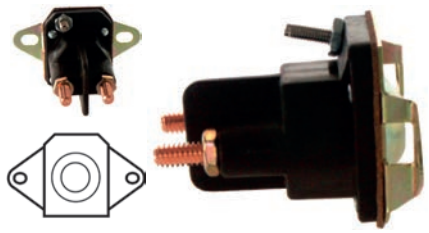
Voltage: 12
Amp: 80

B+: 5/16-24
Height/B+: 11.55
Kl. 15a: M5
Width/ kl. 15a: 7.00
Kl. 50: M5
Width/ kl. 50: 6.90
OD: 54.20
Total length: 77.65
Coil bolt: 5/16"-24
Coil bolt 2: 11.45

No./ terminal: 4

234070 Solenoid — Replacing: all caps

Relay w/ 5/16" B+: HC-CARGO 231526.

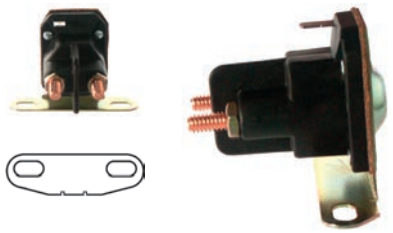


Voltage: 12

B+: 1/4"-20
Height/B+: 17.00
Kl. 50: M5
Width/ kl. 50: 15.95
Total length: 66.40
Coil bolt: 1/4"-20
Coil bolt 2: 17.00

No./ terminal: 3

234071 Solenoid — Replacing: all caps



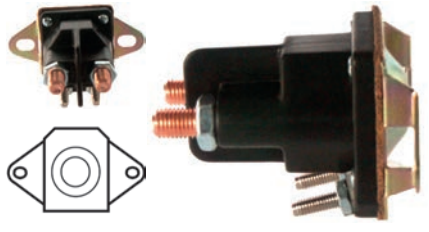
Voltage: 12
Amp: 80

B+: 5/16-24
Height/B+: 16.70
Kl. 50: 6.30
Width/ kl. 50: 11.15
Total length: 64.25
Coil bolt: 5/16"-24
Coil bolt 2: 16.70

No./ terminal: 3

234072 Solenoid — Replacing: all caps

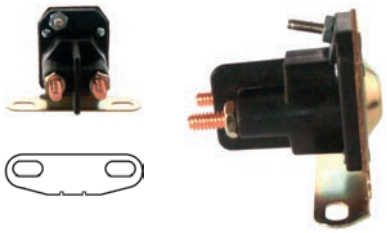
Insulated return.



Voltage: 12
Amp: 80

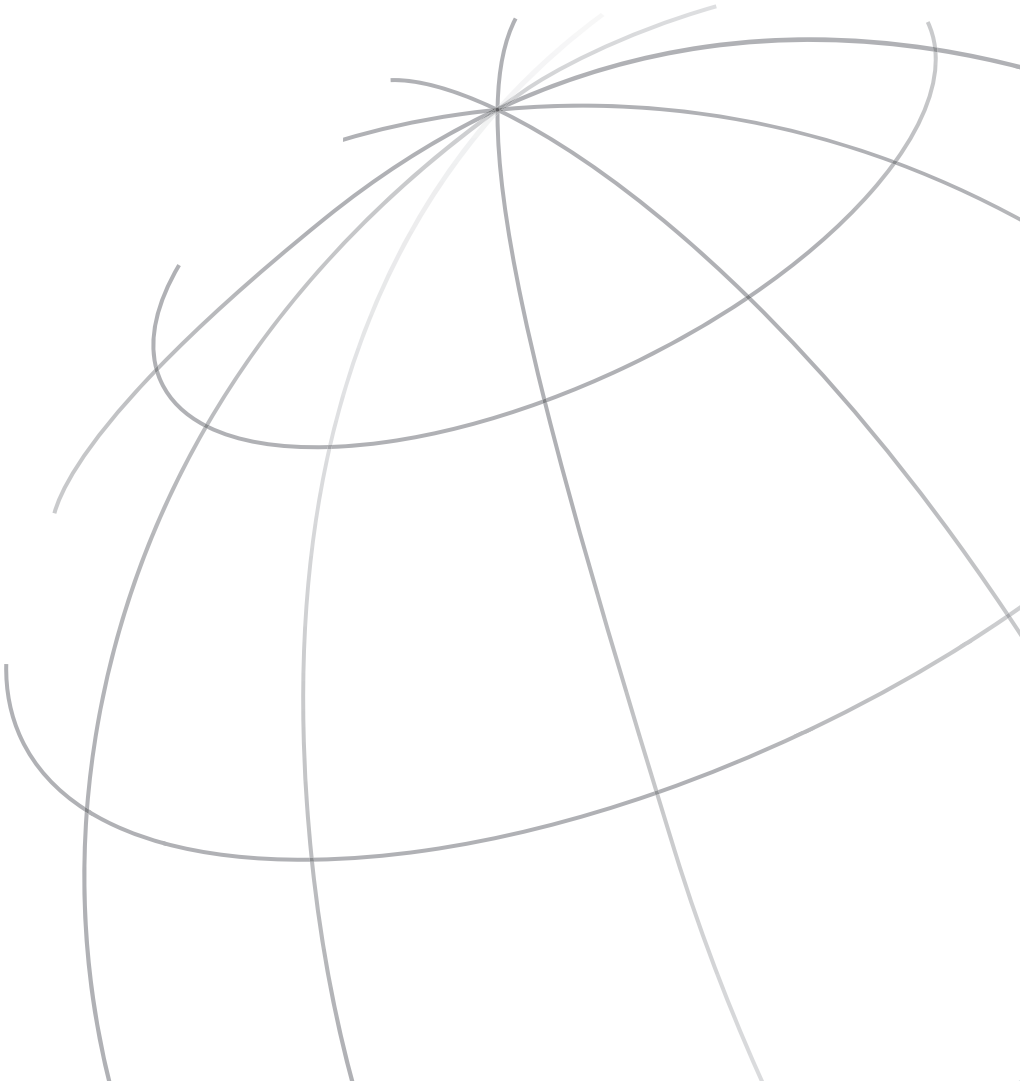
B+: 5/16-24
Height/B+: 16.90
Kl. 15a: M5
Width/ kl. 15a: 15.30
Kl. 50: M5
Width/ kl. 50: 15.30
Total length: 66.50
Coil bolt: 5/16"-24
Coil bolt 2: 16.90

No./ terminal: 4

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
234073 Solenoid	**Replacing:** all caps		
	**Voltage:** 12 **Amp:** 80	**B+:** 1/4"-20 **Height/B+:** 16.85 **Kl. 15a:** 10-24 UNC **Kl. 50:** M5 **Width/ kl. 50:** 16.25 **Total length:** 64.15 **Coil bolt:** 1/4"-20 **Coil bolt 2:** 16.85	**No./ terminal:** 3

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A/C Compressors



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

CASE

	HC-CARGO	Model		Replacing	Information
	**240821**	900 Series, 1000 Series, XL	956 (XL), 1056, Various Models	3405689R2, 4437339, SD508-9026, SD508-9268, SD7H15-4434, SD508-9263,SD7H15-4434	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 200 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 39.00 **B2:** 39.00 **C:** 225.00
	**240389**	1000 Series, 5000 Series	1056, 5120 (Maxxum), 5130 (Maxxum)	194121A1,199755C2, 1999755C3, 86993462, SD7h15-4609, SD7H15-U4609	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 285 ml. **Refrigerant:** R134a **A:** 153.00 **B1:** 39.50 **B2:** 36.50 **C:** 232.50
	**240341**	Various Models		84018077, 89831429, 84018078, SD7H15-7862, SD7H15-8023, SD7H15-8181, SD7H15-8227, 4437339	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 135 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 39.50 **B2:** 38.00 **C:** 236.50
	**240391**	Various Models		3129547, SD7H15-8035	**Voltage:** 12 **Grooves:** 10 **Oil type:** PAG 46 **Oil capacity:** 180 ml. **Refrigerant:** R134a **A:** 125.00 **B1:** 50.50 **B2:** 34.00 **C:** 213.50
NEW PRODUCT www.hc-cargo.com	**241081***	Various Models		317008A3, 504078610, 86993463, SD7H15-4768	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 46 **Oil capacity:** 285 ml. **Refrigerant:** R134a **A:** 152.00 **B1:** 65.00 **B2:** 40.00 **C:** 240.00
NEW PRODUCT www.hc-cargo.com	**241085**	Various Models		1343925C1, 1977958C1, 1977959C1, 700712705, 97204C1, 97273C2, SD508-9588	
	**241088**	Various Models		84448669, SD7H15-8173	**Voltage:** 12 **Grooves:** 4 **Oil type:** PAG 46 **Oil capacity:** 135 ml. **Refrigerant:** R134a **A:** 119.00 **B1:** 38.00 **B2:** 27.00 **C:** 230.00

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

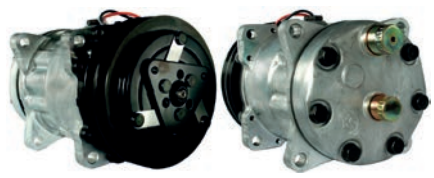
CASE

	HC-CARGO	Model		Replacing	Information
	**241089**	Various Models		322333200, 5176185, 05811103, 3405689C3, SD5H14-6631	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 175 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 39.50 **B2:** 38.00 **C:** 223.00
	**240818**	XL	Various Models	SD7H15-4434, SD508-9268, SD508-9263	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 200 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 39.00 **B2:** 39.50 **C:** 226.00

CLAAS

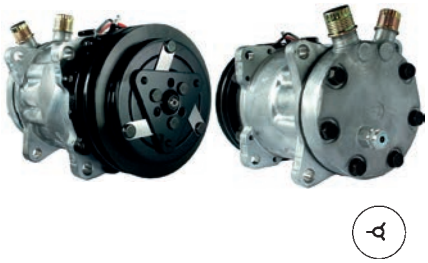
	HC-CARGO	Model		Replacing	Information
	**240402**	Various Models		SD7H15-7975, SD7H15-7975B, 6259932, 6259940	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 300 ml. **Refrigerant:** R134a **A:** 152.00 **B1:** 39.50 **B2:** 38.00 **C:** 218.00
	**240413**	Various Models		SD5H14-6651, 6258771, 6258790	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 180 ml. **Refrigerant:** R134a **A:** 152.00 **B1:** 38.00 **B2:** 37.00 **C:** 206.00

DEUTZ-FAHR

	HC-CARGO	Model		Replacing	Information
	**240341**	Agrotron	Various Models	84018077, 89831429, 84018078, SD7H15-7862, SD7H15-8023, SD7H15-8181, SD7H15-8227, 4437339	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 135 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 39.50 **B2:** 38.00 **C:** 236.50
	**240794**	Agrotron	Various Models	44437338, 1136524, 1136585, SD7H15-8091	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 210 ml. **Refrigerant:** R134a **A:** 150.00 **B1:** 43.50 **B2:** 38.00 **C:** 228.00

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DEUTZ-FAHR

	HC-CARGO	Model		Replacing	Information
	**240347**	Various Models		SD508-9285, SD510-9103, SD7H15-7825, SD7H5-8062, 4363723	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 207 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 40.00 **B2:** 37.50 **C:** 232.00
NEW PRODUCT www.hc-cargo.com	**241082***	Various Models		241082 4363723, SD508-8387	
NEW PRODUCT www.hc-cargo.com	**241083**	Various Models		SD7H15-8104, 4647, 4664, 4774200, 7825, 8104, 8220, 123-04998	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 135 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 38.00 **B2:** 39.50 **C:** 210.00

JCB

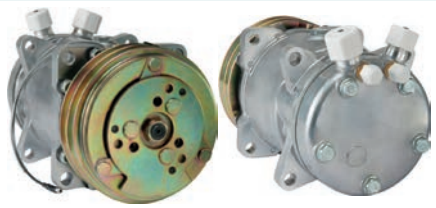
	HC-CARGO	Model		Replacing	Information
NEW PRODUCT www.hc-cargo.com	**241083**	Various Models		SD7H15-8104, 4647, 4664, 4774200, 7825, 8104, 8220, 123-04998	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 135 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 38.00 **B2:** 39.50 **C:** 210.00

JOHN DEERE

	HC-CARGO	Model		Replacing	Information
	**240552**	2000 Series	2054, 2056, 2058	447100-2994, AZ44541	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 180 ml. **Refrigerant:** R134a **A:** 131.50 **B1:** 44.00 **B2:** 29.50 **C:** 201.50
	**240553**	6000 Series	6110, 6200	447100-2320, 447100-2321, 447100-2322, 447100-2324, AL155836, AL78779, TY6769	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 46 **Oil capacity:** 180 ml. **Refrigerant:** R134a **A:** 120.00 **B1:** 52.00 **B2:** 27.00 **C:** 204.00
	**240559**	7000 Series	7800, 7810	447100-2381, 447100-2382, 447100-2383, 447100-2384, 447100-2385, 447100-2400, 447100-2401, 447200-5033, RE46609, TY24304, TY6764	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 46 **Oil capacity:** 230 ml. **Refrigerant:** R134a **A:** 140.00 **B1:** 62.50 **B2:** 38.50 **C:** 219.50

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MASSEY FERGUSON

	HC-CARGO	Model		Replacing	Information
	**240347**	Combines	Various Models	SD508-9285, SD510-9103, SD7H15-7825, SD7H5-8062, 4363723	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 207 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 40.00 **B2:** 37.50 **C:** 232.00
NEW PRODUCT www.hc-cargo.com	**241087**	MF 3000, Various Models	Various Models	3386861M1, SD510-9149	
	**240428**	MF 4000	4225, 4235, 4240	SD7H15-7952, SD7H15-8056, SD7H15-8088, 3157920, 3712528M2, 3779466M1, 3782613M2	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 190 ml. **Refrigerant:** R134a **A:** 140.00 **B1:** 38.00 **B2:** 36.00 **C:** 225.00
	**240346**	MF 6000, MF 7000	Various Models	82002069, 8201615, SD7H15-7890, SD7H15-8028, SD7H15-8230	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 46 **Oil capacity:** 190 ml. **Refrigerant:** R134a **A:** 119.00 **B1:** 50.00 **B2:** 39.50 **C:** 209.00
	**241086**	Various Models		4281803MI, SD7H15-8244	**Voltage:** 12 **Grooves:** 6 **Oil type:** PAG 46 **Oil capacity:** 190 ml. **Refrigerant:** R134a **A:** 119.00 **B1:** 56.50 **B2:** 38.50 **C:** 223.00
	**241093**	Various Models		1690711M1, SD510-9120	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 240 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 39.50 **B2:** 38.50 **C:** 247.00
NEW PRODUCT www.hc-cargo.com	**241094**	Various Models		1103234, 3550921M91, 4234471M1, SD7H15-8019	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 240 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 38.50 **B2:** 39.50 **C:** 232.00

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

MASSEY FERGUSON

	HC-CARGO	Model		Replacing	Information
NEW PRODUCT www.hc-cargo.com	**241099**	Various Models		SD510-5738, 1688310M2	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 200 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 39.50 **B2:** 38.00 **C:** 204.00

NEW HOLLAND

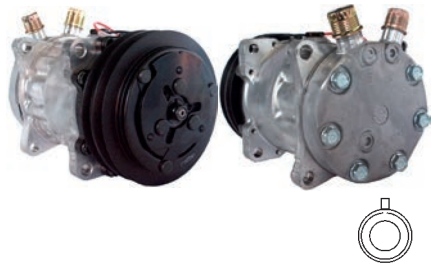
	HC-CARGO	Model		Replacing	Information
	**240393**	140, 4000	140-90, 4635, 4835	51655490, 47132887, SD7H15-7929	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 180 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 40.00 **B2:** 38.00 **C:** 209.00
	**240434**	5600, 6600, 7000	5640, 6640, 7740	87802912, SD7H15-8148	**Voltage:** 12 **Grooves:** 4 **Oil type:** PAG 46 **Oil capacity:** 200 ml. **Refrigerant:** R134a **A:** 112.00 **B1:** 44.50 **B2:** 34.00 **C:** 231.00
	**240804**	8000	8000 Series	89824775, SD7H15-4637, SD7H15-U4637	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 100 **Oil capacity:** 270 ml. **Refrigerant:** R134a **A:** 133.00 **B1:** 46.50 **B2:** 35.00 **C:** 261.50
	**240432**	8000, M, TM	8000 Series, M SERIES, TM SERIES	820161581, SD7H15-8100	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 46 **Oil capacity:** 200 ml. **Refrigerant:** R134a **A:** 119.00 **B1:** 50.00 **B2:** 39.50 **C:** 218.00
	**240406**	CX700	720, 740, 760	84058795, SD7H15-8143	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 46 **Oil capacity:** 135 ml. **Refrigerant:** R134a **A:** 119.00 **B1:** 50.00 **B2:** 39.50 **C:** 230.50
	**240818**	TX, Various Models	TX34	SD508-9263, SD508-9268, SD7H15-4434	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 200 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 39.00 **B2:** 39.50 **C:** 226.00

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NEW HOLLAND

	HC-CARGO	Model	Replacing	Information
	**240391**	Various Models	3129547, SD7H15-8035	**Voltage:** 12 **Grooves:** 10 **Oil type:** PAG 46 **Oil capacity:** 180 ml. **Refrigerant:** R134a **A:** 125.00 **B1:** 50.50 **B2:** 34.00 **C:** 213.50
NEW PRODUCT www.hc-cargo.com	**241081***	Various Models	317008A3, 504078610, 86993463, SD7H15-4768	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 46 **Oil capacity:** 285 ml. **Refrigerant:** R134a **A:** 152.00 **B1:** 65.00 **B2:** 40.00 **C:** 240.00

VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
	**240334**		SD7H13-7312	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 135 ml. **Refrigerant:** R134a **A:** 125.00 **B1:** 44.00 **B2:** 40.50 **C:** 196.00
	**240337**		SD7H15-7822	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 46 **Oil capacity:** 180 ml. **Refrigerant:** R134a **A:** 119.00 **B1:** 46.50 **B2:** 36.00 **C:** 232.00
	**240345**		SD7H15-8027, SD7H15-7889, SD7H15-4712	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 46 **Oil capacity:** 135 ml. **Refrigerant:** R134a **A:** 119.00 **B1:** 50.00 **B2:** 39.00 **C:** 235.50
	**240395**		SD7H15-4813, 178-9570, 1789570	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 100 **Oil capacity:** 300 ml. **Refrigerant:** R134a **A:** 133.00 **B1:** 61.50 **B2:** 37.00 **C:** 258.00
	**240423**		SD7H15-4664	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 46 **Oil capacity:** 190 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 39.50 **B2:** 38.00 **C:** 204.00

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VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
	**240619**		SD508-9040, SD5H14-4525, SDH14-4529, SD5H14-6642	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 175 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 39.50 **B2:** 38.00 **C:** 207.50
	**240745**		SD5H14-6623, 4363723	**Voltage:** 24 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 200 ml. **Refrigerant:** R134a **A:** 152.50 **B1:** 39.50 **B2:** 36.50 **C:** 206.50
	**240814**		SD7H15-4864	**Voltage:** 12 **Grooves:** 8 **Oil type:** PAG 100 **Oil capacity:** 200 ml. **Refrigerant:** R134a **A:** 119.00 **B1:** 48.40 **B2:** 36.00 **C:** 225.00
	**240815**		SD7H15-7865, SD7H15-8026, SD7H15-8229	**Voltage:** 12 **Grooves:** 6 **Oil type:** PAG 100 **Oil capacity:** 200 ml. **Refrigerant:** R134a **A:** 119.00 **B1:** 46.50 **B2:** 36.00 **C:** 225.00
NEW PRODUCT www.hc-cargo.com	**241082***		4363723, SD508-8387	
	**241084**		15082727, 11412631, SD7H15-8044, SD7H15-8176	**Voltage:** 24 **Grooves:** 8 **Oil type:** PAG 46 **Oil capacity:** 200 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 56.50 **B2:** 31.50 **C:** 225.00
NEW PRODUCT www.hc-cargo.com	**241085**		1343925C1, 1977958C1, 1977959C1, 700712705, 97204C1, 97273C2, SD508-9588	

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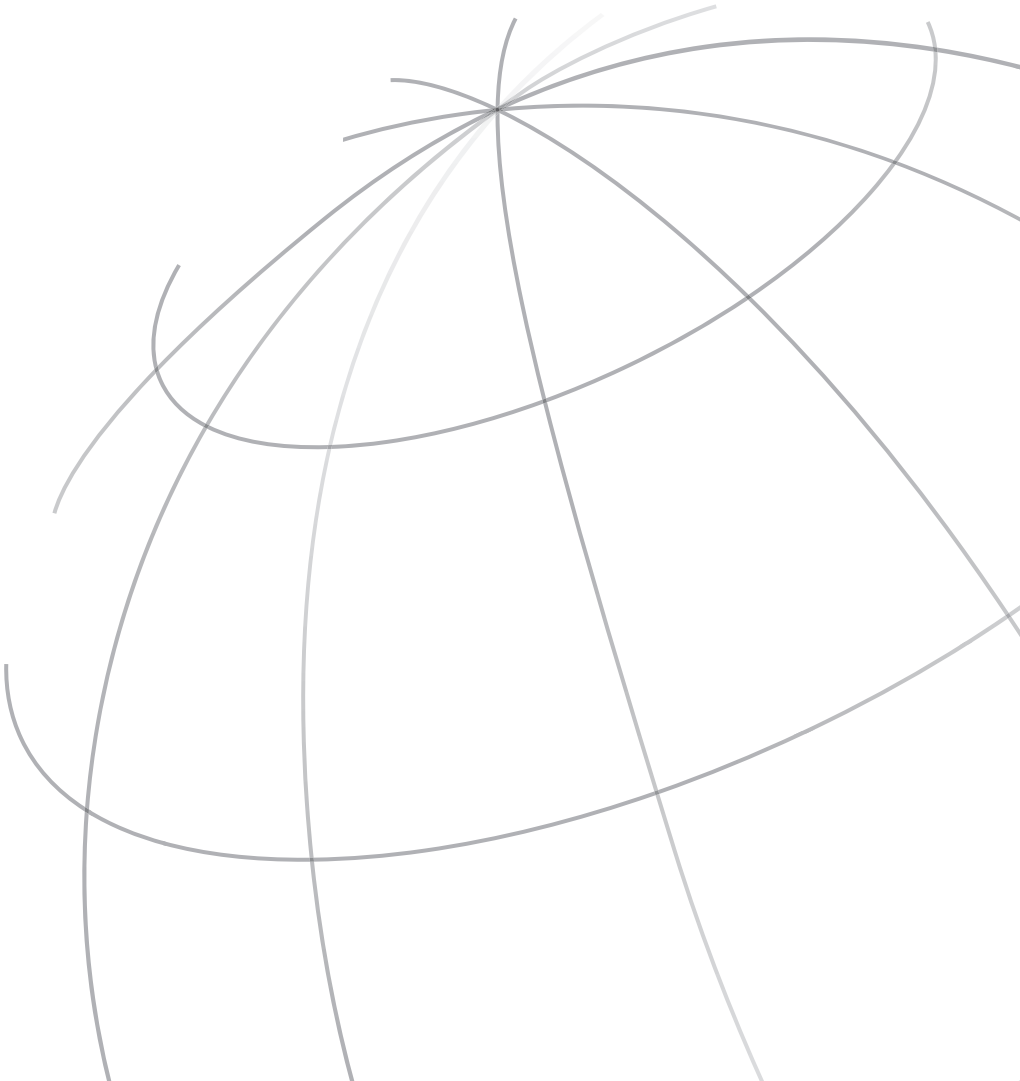
VARIOUS AGRICULTURE VEHICLES

	HC-CARGO	Model	Replacing	Information
	**241088**		84448669, SD7H15-8173	**Voltage:** 12 **Grooves:** 4 **Oil type:** PAG 46 **Oil capacity:** 135 ml. **Refrigerant:** R134a **A:** 119.00 **B1:** 38.00 **B2:** 27.00 **C:** 230.00
	**241089**		322333200, 5176185, 05811103, 3405689C3, SD5H14-6631	**Voltage:** 12 **Grooves:** 2 **Oil type:** PAG 100 **Oil capacity:** 175 ml. **Refrigerant:** R134a **A:** 132.00 **B1:** 39.50 **B2:** 38.00 **C:** 223.00
	**241095**		500388059, SD7H15-8133	**Voltage:** 24 **Grooves:** 1 **Oil type:** PAG 46 **Oil capacity:** 200 ml. **Refrigerant:** R134a **A:** 135.00 **B1:** 49.50 **B2:** 49.50 **C:** 230.00
NEW PRODUCT www.hc-cargo.com	**241096**		504020809, 85825969, SD7H15-8174	**Voltage:** 12 **Grooves:** 1 **Oil type:** PAG 46 **Oil capacity:** 200 ML. **Refrigerant:** R134a **A:** 135.00 **B1:** 49.50 **B2:** 49.50 **C:** 225.00
NEW PRODUCT www.hc-cargo.com	**241097***		87519620, 87519620, SD7H15-8279	**Voltage:** 12 **Grooves:** 4 **Oil type:** PAG 46 **Oil capacity:** 190 ml. **Refrigerant:** R134a **A:** 112.00 **B1:** 55.00 **B2:** 44.50 **C:** 232.00
	**241098**		81866263, SD510-5790	**Voltage:** 12 **Grooves:** 6 **Oil type:** PAG 46 **Oil capacity:** 240 ml. **Refrigerant:** R134a **A:** 125.00 **B1:** 46.00 **B2:** 43.00 **C:** 240.00
NEW PRODUCT www.hc-cargo.com	**241112***		SD7H15-6092	**Voltage:** 12 **Grooves:** 4 **Oil type:** PAG 46 **Oil capacity:** 190 ml. **Refrigerant:** R134a **A:** 112.00 **B1:** 54.50 **B2:** 44.00 **C:** 218.00
NEW PRODUCT www.hc-cargo.com	**241158***		SD7H15-7871	

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

HC CAR GO

Lighting



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

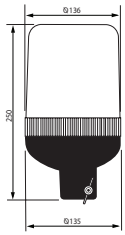
WARNING LIGHTS

ROTATING BEACONS CONVENTIONAL

170295 Rotating Beacon

Lens: HC-CARGO 170308. Motor: HC-CARGO 170505. Plastic base plate: HC-CARGO 170309.





Bulb incl.: Yes
Voltage: 12

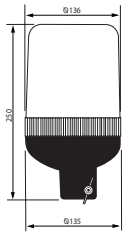
OD: 136 mm
Height: 250 mm
Width: 135.5 mm

Bulb type: H1
Lens type: PMMA/ACRYL
Colour: Orange
Model: AEB TYPE 590
Mount.: Standard ISO A - Rod
E-approval: Yes

170296 Rotating Beacon

Lens: HC-CARGO 170308. Motor: HC-CARGO 170506. Plastic base plate: HC-CARGO 170309.





Bulb incl.: Yes
Voltage: 24

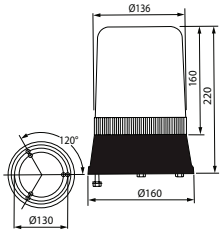
OD: 136 mm
Height: 250 mm
Width: 135.5 mm

Bulb type: H1
Lens type: PMMA/ACRYL
Colour: Orange
Model: AEB TYPE 590
Mount.: Standard ISO A - Rod
E-approval: Yes

170435 Rotating Beacon

Lens: HC-CARGO 170308. Motor: HC-CARGO 170505.





Bulb incl.: Yes
Voltage: 12

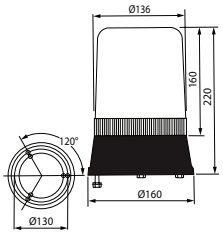
OD: 160 mm
Height: 220 mm

Bulb type: H1
Lens type: PMMA/ACRYL
Colour: Orange
Model: AEB TYPE 595
Mount.: Standard ISO B2 (and B1) - Base
E-approval: Yes

170436 Rotating Beacon

Lens: HC-CARGO 170308. Motor: HC-CARGO 170506.





Bulb incl.: Yes
Voltage: 24

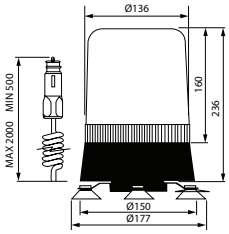
OD: 160 mm
Height: 220 mm

Bulb type: H1
Lens type: Amber dome
Colour: Orange
Model: AEB TYPE 595
Mount.: Standard ISO B2 (and B1) - Base
E-approval: Yes

170437 Rotating Beacon

Lens: HC-CARGO 170308. Motor: HC-CARGO 170505. Coil cable: lenght 2 m.





Bulb incl.: Yes
Voltage: 12

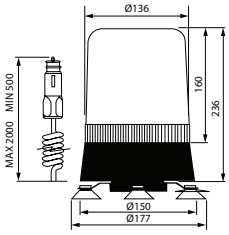
OD: 177 mm
Height: 236 mm

Bulb type: H1
Lens type: PMMA/ACRYL
Colour: Orange
Model: AEB TYPE 595 M
Mount.: 3 magnets
Base: Magnetic
Coiled cable incl.: Yes
E-approval: Yes

170438 Rotating Beacon

Lens: HC-CARGO 170308. Motor: HC-CARGO 170505. Coil cable: lenght 2 m.





Bulb incl.: Yes
Voltage: 24

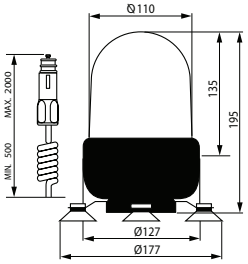
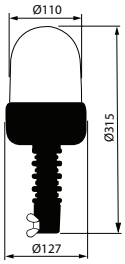
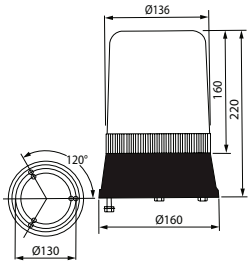
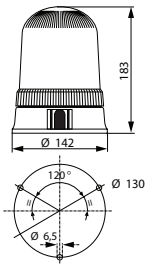
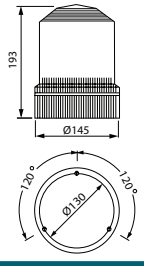
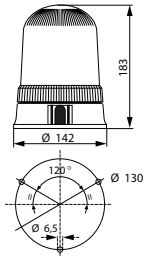
OD: 177 mm
Height: 236 mm

Bulb type: H1
Lens type: PMMA/ACRYL
Colour: Orange
Model: AEB TYPE 595 M
Mount.: 3 magnets
Base: Magnetic
Coiled cable incl.: Yes
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170490 Rotating Beacon *Lens: HC-CARGO 170492.*	**Bulb incl.:** No **Voltage:** 12/24	**OD:** 145 mm **Height:** 193 mm **Width:** 145 mm	**Bulb type:** H1 **Lens type:** PMMA/ACRYL **Colour:** Orange **Model:** TYPE FT 6 **Mount.:** Standard ISO B2 (and B1) - Base **Tightness norm:** IP 55 **E-approval:** Yes
170491 Rotating Beacon *Lens: HC-CARGO 170492.*	**Bulb incl.:** No **Voltage:** 12/24	**Height:** 250 mm	**Bulb type:** H1 **Lens type:** PMMA/ACRYL **Colour:** Orange **Model:** TYPE FT 6 **Mount.:** Standard ISO-DIN A or B fixing **Base:** Rigid **Tightness norm:** IP 55 **E-approval:** Yes
170540 Rotating Beacon *Lens: HC-CARGO 170543.*	**Bulb incl.:** Yes **Voltage:** 12	**OD:** 152 mm **Height:** 240 mm **Width:** 150 mm	**Bulb type:** H1 **Lens type:** Polycarbonate **Colour:** Orange **Model:** Boule **Mount.:** Standard ISO A - Rod **Base:** Flexible **Hi impact:** Yes **Waterproof:** Yes **Tightness norm:** IP 66 **E-approval:** Yes
170541 Rotating Beacon *Lens: HC-CARGO 170543.*	**Bulb incl.:** Yes **Voltage:** 24	**OD:** 152 mm **Height:** 240 mm **Width:** 152 mm	**Bulb type:** H1 **Lens type:** Polycarbonate **Colour:** Orange **Model:** Boule **Mount.:** Rod (ISO-DIN A) **Base:** Flexible **Hi impact:** Yes **Tightness norm:** IP 66 **E-approval:** Yes
170551 Rotating Beacon	**Bulb incl.:** Yes **Voltage:** 12	**OD:** 135 mm **Height:** 265 mm **Width:** 135 mm	**Bulb type:** H1 **Lens type:** Polycarbonate **Colour:** Orange **Model:** TYPE GF 8.8 FLX **Mount.:** Standard ISO A - Rod **Base:** Flexible **Hi impact:** Yes **Tightness norm:** IP 54 **E-approval:** Yes
170598 Rotating Beacon *Lens: HC-CARGO 170691.*	**Bulb incl.:** No **Voltage:** 12/24	**OD:** 127 mm **Height:** 200 mm	**Bulb type:** H1 **Lens type:** PMMA/ACRYL **Colour:** Orange **Model:** AEB TYPE 525 **Mount.:** Single bolt **E-approval:** Yes

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

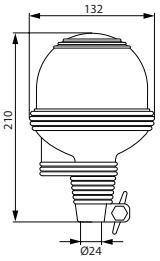
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170599 Rotating Beacon *Lens: HC-CARGO 170691.*  	**Bulb incl.:** No **Voltage:** 12/24	**OD:** 127 mm **Cable length:** 2000 mm **Height:** 195 mm	**Bulb type:** H1 **Lens type:** PMMA/ACRYL **Colour:** Orange **Model:** AEB TYPE 525 M **Mount.:** 3 magnets **Base:** Magnetic **Coiled cable incl.:** Yes **E-approval:** Yes
170601 Rotating Beacon  	**Bulb incl.:** No **Voltage:** 12/24	**OD:** 127 mm **Height:** 315 mm	**Bulb type:** H1 **Lens type:** Polycarbonate **Colour:** Orange **Model:** AEB TYPE 530 B **Mount.:** Standard ISO A - Rod **Base:** Flexible **Hi impact:** Yes **E-approval:** Yes
170798 Rotating Beacon *Lens: HC-CARGO 170366. Motor: HC-CARGO 170505, 170506.*  	**Bulb incl.:** No **Voltage:** 12/24	**OD:** 160 mm **Height:** 220 mm	**Bulb type:** H1 **Lens type:** PMMA/ACRYL **Colour:** Blue **Model:** AEB TYPE 595 **Mount.:** Standard ISO B2 (and B1) - Base **E-approval:** Yes
170830 Rotating Beacon *Lens: HC-CARGO 170945.*  	**Bulb incl.:** No **Voltage:** 12/24	**OD:** 142 mm **Height:** 183 mm **Width:** 142 mm	**Bulb type:** H1 **Lens type:** PMMA/ACRYL **Colour:** Orange **Mount.:** Standard ISO B2 (and B1) - Base **E-approval:** Yes
171017 Rotating Beacon  	**Bulb incl.:** No **Voltage:** 12/24	**OD:** 145 mm **Height:** 193 mm	**Bulb type:** H1 **Lens type:** PMMA/ACRYL **Colour:** Blue **Model:** TYPE FT 6 **Mount.:** Standard ISO B2 (and B1) - Base **Tightness norm:** IP 55 **E-approval:** Yes
171019 Rotating Beacon *Lens: HC-CARGO 170945.*  	**Bulb incl.:** No **Voltage:** 12/24	**OD:** 142 mm **Height:** 183 mm	**Bulb type:** H1 **Lens type:** PMMA/ACRYL **Colour:** Blue **Model:** Astral **Mount.:** Standard ISO B2 (and B1) - Base **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171060 Rotating Beacon





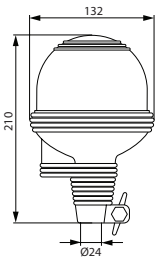
Bulb incl.: Yes
Voltage: 12

OD: 132 mm
Height: 210 mm

Bulb type: H1
Lens type: Polycarbonate
Colour: Orange
Model: Megalux
Mount.: Standard ISO A - Rod
Base: Flexible
Hi impact: Yes
E-approval: Yes

171061 Rotating Beacon





Bulb incl.: Yes
Voltage: 24

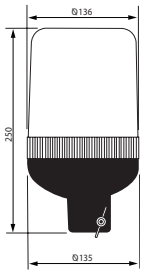
OD: 132 mm
Height: 210 mm

Bulb type: H1
Lens type: Polycarbonate
Colour: Orange
Model: Megalux
Mount.: Standard ISO A - Rod
Base: Flexible
Hi impact: Yes
E-approval: Yes

171399 Rotating Beacon

Lens: HC-CARGO 170308. Motor: HC-CARGO 170505, 170506.





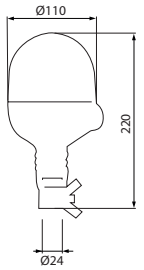
Bulb incl.: No
Voltage: 12/24

OD: 136 mm
Height: 250 mm

Bulb type: H1
Lens type: PMMA/ACRYL
Colour: Orange
Model: 590 DVO
Mount.: Standard ISO A - Rod
E-approval: Yes

171423 Rotating Beacon





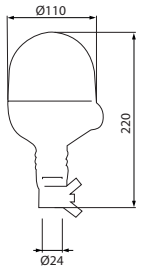
Bulb incl.: Yes
Voltage: 12

OD: 110 mm
Height: 220 mm
Width: 110 mm

Bulb type: H1
Lens type: Polycarbonate
Colour: Orange
Model: Microboule
Mount.: Standard ISO A - Rod
Base: Flexible
Hi impact: Yes
Tightness norm: IP 55
Approvals: CE
E-approval: Yes

171424 Rotating Beacon





Bulb incl.: Yes
Voltage: 24

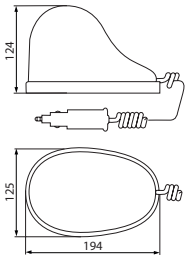
OD: 110 mm
Height: 220 mm
Width: 110 mm

Bulb type: H1
Lens type: Polycarbonate
Colour: Orange
Model: Microboule
Mount.: Rod (ISO-DIN A)
Base: Flexible
Hi impact: Yes
Tightness norm: IP 55
Approvals: CE
E-approval: Yes

171494 Rotating Beacon

Tested for 200 kmh. Lens: HC-CARGO 171512. 2 mtr. coiled cable. Rubber base.





Bulb incl.: Yes
Voltage: 12

OD: 120x186 mm
Length: 194 mm
Height: 124 mm
Width: 125 mm

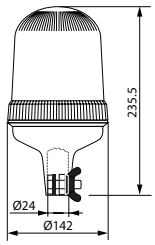
Bulb type: H1
Lens type: Polycarbonate
Colour: Orange
Model: GDO
Mount.: 1 magnet
Base: Magnetic
Hi impact: Yes
Coiled cable incl.: Yes
Tightness norm: IP 55
E-approval: Yes

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171577 Rotating Beacon

Lens: HC-CARGO 170945.





Bulb incl.: Yes
Voltage: 12

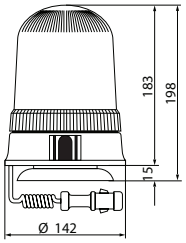
OD: 142 mm
Height: 235.5 mm
Width: 142 mm

Bulb type: H1
Colour: Orange
Model: Astral
Mount.: Standard ISO A - Rod
Base: Rigid
E-approval: Yes

171587 Rotating Beacon

Lens: HC-CARGO 170945.





Bulb incl.: No
Voltage: 12/24

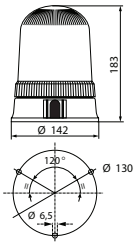
OD: 142 mm
Height: 198 mm
Width: 142 mm

Bulb type: H1
Colour: Orange
Model: Astral
Mount.: 1 magnet
Coiled cable incl.: Yes
E-approval: Yes

171588 Rotating Beacon

Lens: HC-CARGO 170945.





Bulb incl.: No
Voltage: 12/24

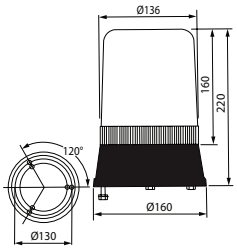
OD: 142 mm
Height: 183 mm
Width: 142 mm

Bulb type: H1
Colour: Orange
Model: Astral
Mount.: Single bolt
E-approval: Yes

171705 Rotating Beacon

Lens: HC-CARGO 170308. Motor: HC-CARGO 170505, 170506.





Bulb incl.: No
Voltage: 12/24

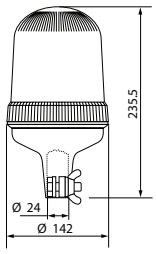
OD: 160 mm
Height: 220 mm

Bulb type: H1
Lens type: PMMA/ACRYL
Colour: Orange
Model: AEB TYPE 595
Mount.: Plan (ISO-DIN B)
E-approval: Yes

171793 Rotating Beacon

Lens: HC-CARGO 170945.





Bulb incl.: No
Voltage: 12/24

OD: 142 mm
Height: 235.5 mm

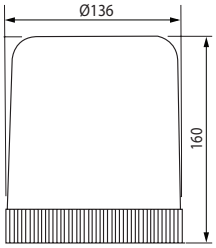
Bulb type: H1
Lens type: Polycarbonate
Colour: Orange
Model: Astral flex
Mount.: Standard ISO A - Rod
Base: Flexible
Hi impact: Yes
E-approval: Yes

SPARE PARTS

170308 Dome

Servicing: HC-CARGO 170295, 170296, 170435, 170436, 170437, 170438, 170798, 171399

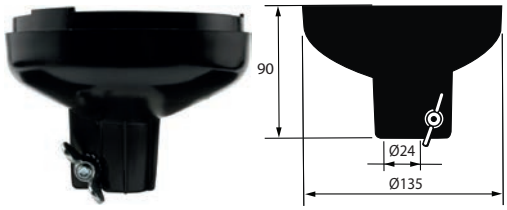
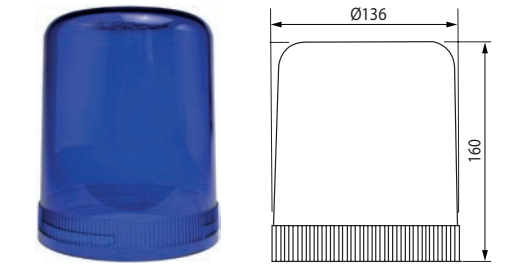
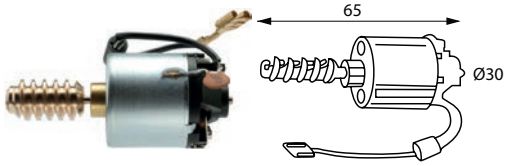
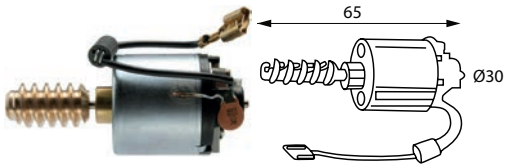
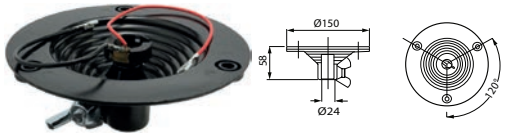
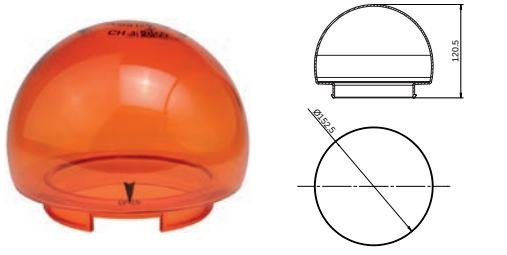




Height: 160 mm
Width: 136 mm

Lens type: PMMA/ACRYL
Colour: Orange
Model: TYPE 590/595/595M

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

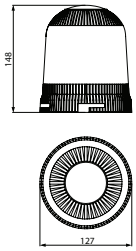
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170309 Base Plate	**Servicing:** HC-CARGO 170295, 170296, 170435, 170436, 170437, 170438, 170798, 171399		
		**Height:** 90 mm **Width:** 135 mm	**Model:** TYPE 590/595/595M
170366 Dome	**Servicing:** HC-CARGO 170295, 170296, 170435, 170436, 170437, 170438, 170798, 171399		
		**Height:** 160 mm **Width:** 136 mm	**Lens type:** PMMA/ACRYL **Colour:** Blue **Model:** TYPE 590/595/595M
170505 Beacon Motor	**Servicing:** HC-CARGO 170295, 170296, 170435, 170436, 170437, 170438, 170798, 171399		
	Voltage: 12	**Height:** 65 mm **Width:** 30 mm	**Model:** TYPE 590/595/595M
			
170506 Beacon Motor	**Servicing:** HC-CARGO 170295, 170296, 170435, 170436, 170437, 170438, 170798, 171399		
	Voltage: 24	**Height:** 65 mm **Width:** 30 mm	**Model:** TYPE 590/595/595M
			
170528 Base Plate	**Servicing:** HC-CARGO 170491, 170490, 170650, 170651, 171498, 170680		
		Height: 58 mm **Width:** 150 mm	**Model:** TYPE FT 6 **Mount.:** Standard ISO A - Rod
			
170543 Dome	**Servicing:** HC-CARGO 170540, 170541		
		Height: 120.5 mm **Width:** 152.5 mm	**Lens type:** Polycarbonate **Colour:** Orange **Model:** Boule **Hi impact:** Yes
			

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

170945 Dome

Servicing: HC-CARGO 170830, 171019, 171577, 171587, 171588, 171793, 172027, 172028, 172029, 172030, 172030UK





Height: 148 mm
Width: 127 mm

Lens type: PMMA/ACRYL
Colour: Orange
Model: Astral
E-approval: Yes

ACCESSORIES

170525 Beacon Socket

Servicing: HC-CARGO 170490, 171017



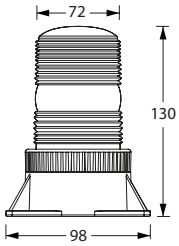
Cable length: 2000 mm
Height: 28 mm
Width: 147 mm

Model: TYPE FT 6
Mount.: 3 magnets
Base: Magnetic
Coiled cable incl.: Yes
Tightness norm: IP 55

ROTATING BEACONS LED

171673 LED Beacon





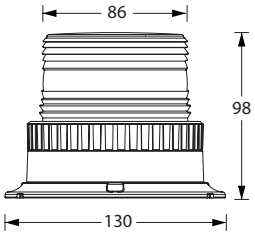
Voltage: 11-110

OD: 98 mm
Length: 98 mm
Height: 130 mm
Width: 72 mm

Bulb type: LED
Lens type: Polycarbonate
Flash rate: 45 min.
Colour: Orange
Model: LED
Mount.: Plan
Hi impact: Yes
Coiled cable incl.: No
Waterproof: Yes
Tightness norm: IP 66
Approvals: SAE/CE
E-approval: No

171674 LED Beacon





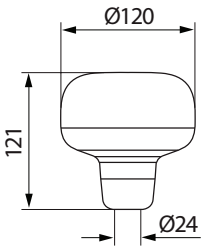
Voltage: 11-110

OD: 130 mm
Length: 130 mm
Height: 98 mm
Width: 86 mm

Bulb type: LED
Lens type: Polycarbonate
Flash rate: 45 min.
Colour: Orange
Model: LED
Mount.: Plan
Hi impact: Yes
Coiled cable incl.: No
Waterproof: Yes
Tightness norm: IP 66
Approvals: SAE/CE
E-approval: No

171763 LED Beacon





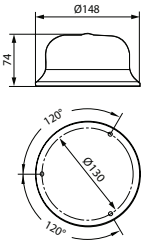
Voltage: 12/24
Amp: 1.7/0.8

OD: 120 mm
Height: 121 mm
Width: 120 mm

Bulb type: LED
Lens type: Polycarbonate
Flash rate: 130 min.
Colour: Orange
Material: Aluminium
Mount.: Standard ISO A - Rod
Hi impact: Yes
Waterproof: Yes
Tightness norm: IP 66
E-approval: Yes

171764 LED Beacon





Voltage: 12/24

OD: 148 mm
Height: 74 mm
Width: 148 mm

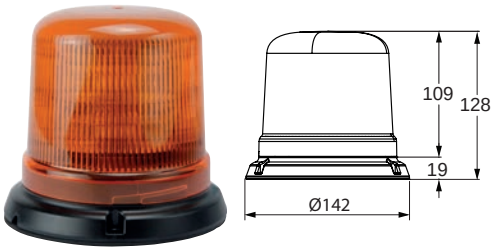
Bulb type: LED
Lens type: Polycarbonate
Flash rate: 130 min.
Colour: Orange
Material: Aluminium
Mount.: Standard ISO B2 (and B1) - Base
Hi impact: Yes
Waterproof: Yes
Tightness norm: IP 66
Approvals: ECE-R65
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171918 LED Beacon

Lens: HC-CARGO 171941.



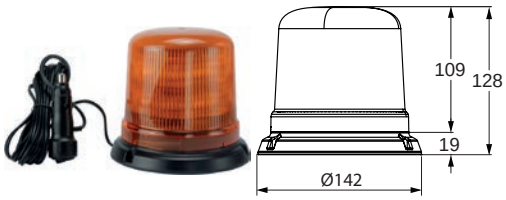
Voltage: 12-24
Amp: 1.2/2.9
Watt: 37

OD: 142 mm
Height: 128 mm
Width: 130 mm

Bulb type: LED
Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: LED
Mount.: Plan
Flash patterns: 11
Hi impact: Yes
Coiled cable incl.: No
Waterproof: Yes
Tightness norm: IP 65
Approvals: SAE/ECE-R65
E-approval: Yes

171919 LED Beacon

Lens: HC-CARGO 171941.



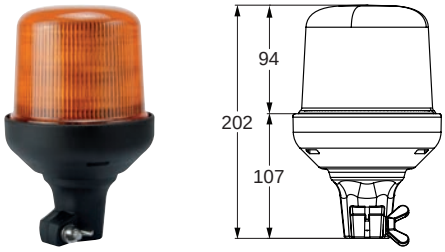
Voltage: 12-24
Amp: 1.2/2.9
Watt: 37

OD: 142 mm
Cable length: 3000 mm
Height: 128 mm
Width: 130 mm

Bulb type: LED
Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: LED
Mount.: Lighter Socket
Base: Magnetic
Flash patterns: 11
Hi impact: Yes
Waterproof: Yes
Tightness norm: IP 65
Approvals: SAE/ECE-R65
E-approval: Yes

171920 LED Beacon

Lens: HC-CARGO 171941.



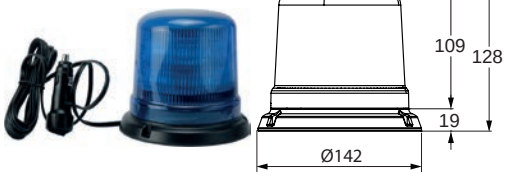
Voltage: 12-24
Amp: 1.2/2.9
Watt: 37

OD: 130 mm
Height: 202 mm
Width: 130 mm

Bulb type: LED
Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: LED
Mount.: Standard ISO A - Rod
Flash patterns: 11
Hi impact: Yes
Coiled cable incl.: No
Waterproof: Yes
Tightness norm: IP 65
Approvals: SAE/ECE-R65
E-approval: Yes

171922 LED Beacon

Lens: HC-CARGO 171942.



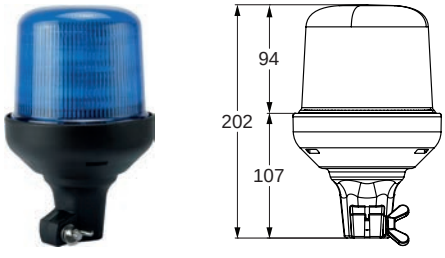
Voltage: 12-24
Amp: 1.2/2.9
Watt: 37

OD: 142 mm
Height: 128 mm
Width: 130 mm

Bulb type: LED
Lens type: Polycarbonate
Colour: Blue
Material: Aluminium
Model: LED
Mount.: 3 magnets
Flash patterns: 11
Hi impact: Yes
Coiled cable incl.: Yes
Waterproof: Yes
Tightness norm: IP 65
Approvals: SAE/ECE-R65
E-approval: Yes

171923 LED Beacon

Lens: HC-CARGO 171942.

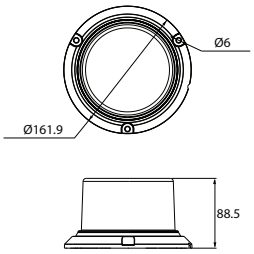
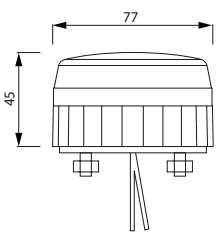
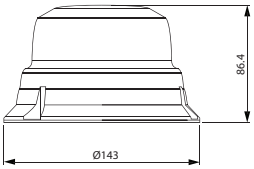
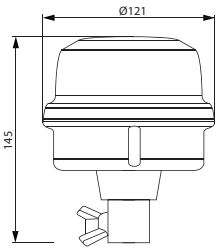
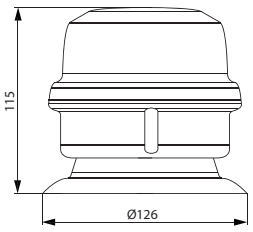
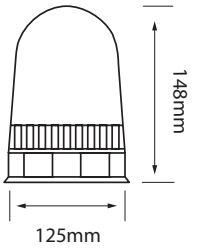


Voltage: 12-24
Amp: 1.2/2.9
Watt: 37

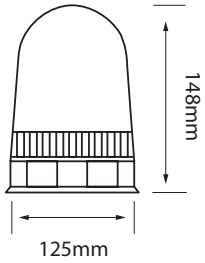
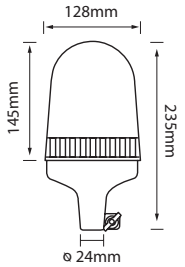
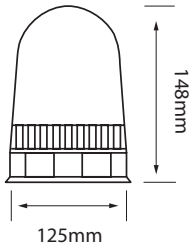
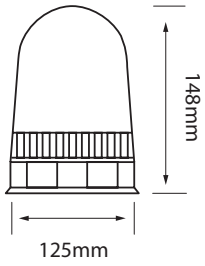
OD: 130 mm
Height: 202 mm
Width: 130 mm

Bulb type: LED
Lens type: Polycarbonate
Colour: Blue
Material: Aluminium
Model: LED
Mount.: Standard ISO A - Rod
Flash patterns: 11
Hi impact: Yes
Waterproof: Yes
Tightness norm: IP 65
Approvals: SAE/ECE-R65
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171931 LED Beacon			
 	**Voltage:** 12-36 **Watt:** 35/44	**OD:** 161.9 mm **Height:** 88.5 mm **Width:** 161.9 mm	**Bulb type:** LED **Colour:** Orange **Mount.:** Plan **Waterproof:** Yes **Tightness norm:** IP 67 **Approvals:** SAE/ECE-R65 **E-approval:** Yes
171957 LED Beacon			
 	**Voltage:** 10-100 **Amp:** 0.1	**OD:** 77 mm **Height:** 45 mm **Dist. mount. holes:** 45 mm **Width:** 77 mm	**Bulb type:** LED **Lens type:** Polycarbonate **Colour:** Orange **Material:** Polycarbonate **Mount.:** Plan **Flash patterns:** 4 **Hi impact:** Yes **Tightness norm:** IP 67 **Approvals:** CE
171971 LED Beacon			
 	**Voltage:** 12-24 **Watt:** 15	**OD:** 143 mm **Height:** 86.4 mm **Width:** 143 mm	**Bulb type:** 8 LED **Colour:** Orange **Material:** Polycarbonate **Model:** LED **Mount.:** Plan **Tightness norm:** IP 66 **Approvals:** CE/EMC/ECE-R65 **E-approval:** Yes
171972 LED Beacon			
 	**Voltage:** 12-24 **Watt:** 15	**OD:** 121 mm **Height:** 143 mm	**Bulb type:** 6 LED **Colour:** Orange **Material:** Polycarbonate **Model:** LED **Mount.:** Rod (ISO-DIN A) **Hi impact:** Yes **Tightness norm:** IP 66 **Approvals:** CE/EMC/ECE-R65 **E-approval:** Yes
171973 LED Beacon			
 	**Voltage:** 12-24 **Watt:** 15	**OD:** 126 mm **Cable length:** 2000 mm **Height:** 115 mm **Width:** 126 mm	**Bulb type:** 8 LED **Colour:** Orange **Material:** Polycarbonate **Model:** LED **Mount.:** Lighter Socket **Base:** Magnetic/vacuum **Hi impact:** Yes **Coiled cable incl.:** Yes **Tightness norm:** IP 66 **Approvals:** CE/EMC/ECE-R65 **E-approval:** Yes
172027 LED Beacon			
Lens: HC-CARGO 170945.			
 	**Voltage:** 10-30	**Length:** 1500 mm **Height:** 148 mm **Dist. mount. holes:** 107 mm **Width:** 125 mm	**Bulb type:** LED **Lens type:** Polycarbonate **Flash rate:** 3 min. **Colour:** Orange **Material:** Plastic/nylon/rubber **Model:** 80 LEDs **Mount.:** Lighter Socket **Base:** Magnetic/vacuum **Coiled cable incl.:** Yes **Tightness norm:** IP 65 **Approvals:** ECE-R65 **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
172028 LED Beacon *Lens: HC-CARGO 170945.*  	**Voltage:** 10-30	**Height:** 148 mm **Dist. mount. holes:** 107 mm **Width:** 125 mm	**Bulb type:** LED **Lens type:** Polycarbonate **Colour:** Orange **Material:** Plastic/nylon/rubber **Model:** 80 LEDs **Mount.:** Plan **Flash patterns:** 3 **Tightness norm:** IP 65 **Approvals:** ECE-R65 **E-approval:** Yes
172029 LED Beacon *Lens: HC-CARGO 170945.*  	**Voltage:** 10-30	**Height:** 235 mm **Width:** 128 mm	**Bulb type:** LED **Lens type:** Polycarbonate **Colour:** Orange **Material:** Plastic/nylon/rubber **Model:** 80 LEDs **Mount.:** Standard ISO A - Rod **Base:** Flexible **Flash patterns:** 3 **Tightness norm:** IP 65 **Approvals:** ECE-R65 **E-approval:** Yes
172030 LED Beacon *Lens: HC-CARGO 170945. w/ battery.*  	**Voltage:** 12 **Amp:** 1.5	**Height:** 148 mm **Dist. mount. holes:** 107 mm **Width:** 125 mm	**Bulb type:** LED **Lens type:** Polycarbonate **Colour:** Orange **Material:** Plastic/nylon/rubber **Model:** 80 LEDs **Mount.:** Plan **Base:** Magnetic/vacuum **Flash patterns:** 3 **Tightness norm:** IP 65 **Approvals:** ECE-R65 **E-approval:** Yes
172075 LED Beacon UK Version *Lens: HC-CARGO 170945. With battery.* NEW PRODUCT www.hc-cargo.com 	**Servicing:** UK **Voltage:** 10-30	**Height:** 148 mm **Width:** 125 mm	**Bulb type:** LED **Lens type:** Polycarbonate **Colour:** Orange **Material:** Plastic/nylon/rubber **Model:** 80 LEDs **Mount.:** Plan **Base:** Magnetic/vacuum **Flash patterns:** 3 **Tightness norm:** IP 65 **E-approval:** Yes

SPARE PARTS

171941 Lens 	**Servicing:** HC-CARGO 171918, 171919, 171920		**Lens type:** Polycarbonate **Colour:** Orange
171942 Lens 	**Servicing:** HC-CARGO 171921, 171922, 171923		**Lens type:** Polycarbonate **Colour:** Blue

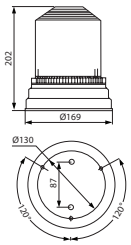
O.E.M. names and numbers are used for reference purposes only.

ROTATING BEACONS XENON

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

170650 Xenon Beacon





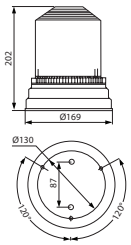
Bulb incl.: Yes
Voltage: 12
Amp: 1.5

OD: 169 mm
Height: 202 mm

Bulb type: LX10J
Lens type: Polycarbonate
Colour: Orange
Model: XENON FT6 AG ELECTRONIC
Mount.: Standard ISO B2 (and B1) - Base
Hi impact: Yes
Tightness norm: IP 55
E-approval: Yes

170651 Xenon Beacon





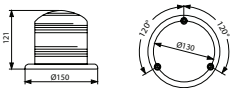
Bulb incl.: Yes
Voltage: 24
Amp: 1.5

OD: 169 mm
Height: 202 mm

Bulb type: LX10J
Lens type: PMMA/ACRYL
Colour: Orange
Model: XENON FT6 AG ELECTRONIC
Mount.: Standard ISO B2 (and B1) - Base
Tightness norm: IP 55
E-approval: Yes

170680 Xenon Beacon





Bulb incl.: Yes
Voltage: 10-100
Amp: 200/50 mAmpere

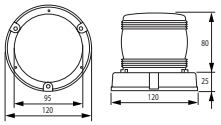
OD: 150 mm
Height: 121 mm
Width: 150 mm

Bulb type: LX1J
Lens type: Polycarbonate
Colour: Orange
Material: Polycarbonate
Model: FLASH ELEV
Mount.: Standard ISO B2 (and B1) - Base
Base: Rigid
Hi impact: Yes
Tightness norm: IP 54
Approvals: CE/EMC

171005 Xenon Beacon

w/ Xenon tube. Lens: HC-CARGO 171590.





Bulb incl.: Yes
Voltage: 10-100

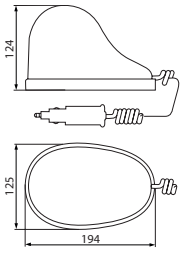
OD: 120 mm
Height: 105 mm

Bulb type: LX10J
Lens type: PMMA/ACRYL
Colour: Orange
Model: TYPE TRASPOT XENON
Mount.: Standard ISO B2 (and B1) - Base
Approvals: CE/EMC

171495 Xenon Beacon

Tested for 200 kmh. Lens: HC-CARGO 171512.





Bulb incl.: Yes
Voltage: 12
Amp: 1.5

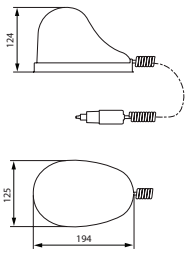
OD: 120x186 mm
Length: 194 mm
Height: 124 mm
Width: 125 mm

Bulb type: LX8J
Lens type: Polycarbonate
Colour: Orange
Material: Rubber
Model: GDO FLASH
Mount.: 1 magnet
Base: Magnetic
Hi impact: Yes
Coiled cable incl.: Yes
Tightness norm: IP 55
Approvals: CE
E-approval: Yes

171497 Xenon Beacon

Tested for 200 kmh.





Bulb incl.: Yes
Voltage: 12
Amp: 1.5

OD: 120x186 mm
Length: 194 mm
Height: 124 mm
Width: 125 mm

Bulb type: LX8J
Lens type: Polycarbonate
Colour: Blue
Material: Rubber
Model: GDO FLASH
Mount.: 1 magnet
Base: Magnetic
Hi impact: Yes
Coiled cable incl.: Yes
Tightness norm: IP 55
Approvals: CE
E-approval: Yes

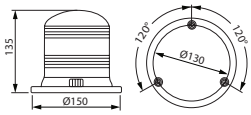
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171498 Xenon Beacon

w/ built-in audible signal.





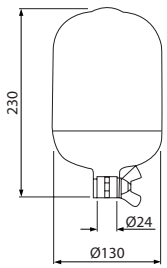
Bulb incl.: Yes
Voltage: 10-100
Amp: 200/50 mA

OD: 150 mm
Height: 135 mm
Width: 150 mm

Bulb type: LX1J
Lens type: Polycarbonate
Colour: Orange
Model: FLASH ELEV SL
Mount.: Standard ISO B2 (and B1) - Base
Hi impact: Yes
Tightness norm: IP 20

171505 Xenon Beacon





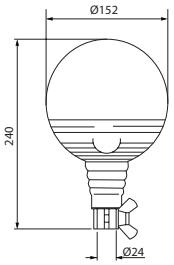
Bulb incl.: Yes
Voltage: 12
Amp: 3

OD: 130 mm
Height: 230 mm
Width: 130 mm

Bulb type: LX10J
Lens type: Polycarbonate
Colour: Orange
Model: XENON GF 8.8 FLASH
Mount.: Plan (ISO-DIN B)
Base: Rigid
Hi impact: Yes
Tightness norm: IP 44
Approvals: CE
E-approval: Yes

171540 Xenon Beacon





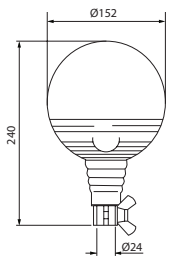
Bulb incl.: Yes
Voltage: 12
Amp: 1.5

OD: 152 mm
Height: 240 mm
Width: 152 mm

Bulb type: LX8J
Lens type: Polycarbonate
Colour: Orange
Model: BOULE FLASH
Mount.: Standard ISO A - Rod
Base: Flexible
Hi impact: Yes
Tightness norm: IP 66
E-approval: Yes

171541 Xenon Beacon





Bulb incl.: Yes
Voltage: 24
Amp: 1.5

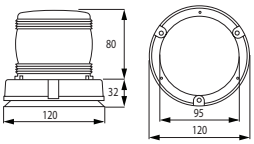
OD: 152 mm
Height: 240 mm

Bulb type: LX8J
Lens type: Polycarbonate
Colour: Orange
Model: BOULE FLASH
Mount.: Standard ISO A - Rod
Base: Flexible
Hi impact: Yes
Tightness norm: IP 66
E-approval: Yes

171561 Xenon Beacon

w/ Xenon tube. Lens: HC-CARGO 171590.





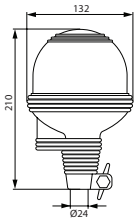
Voltage: 10-100

OD: 120 mm
Height: 112 mm
Width: 120 mm

Lens type: PMMA/ACRYL
Colour: Orange
Model: Type TRASPOT
Mount.: Standard ISO B2 (and B1) - Base
Base: Magnetic
Coiled cable incl.: Yes
Approvals: CE/EMC

171614 Xenon Beacon





Bulb incl.: Yes
Voltage: 10-30

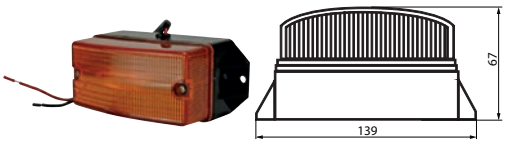
OD: 132 mm
Height: 210 mm

Bulb type: LX10J
Lens type: Polycarbonate
Colour: Orange
Model: Xenon
Mount.: Standard ISO A - Rod
Hi impact: Yes
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171708 Xenon Beacon

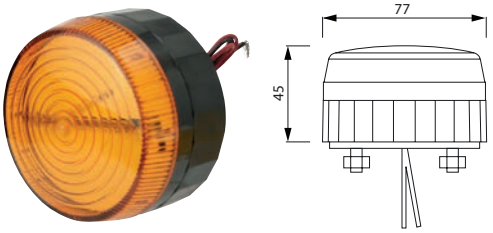


Bulb incl.: Yes
Voltage: 11-120
Amp: 0.2

Length: 139 mm
Height: 67 mm
Dist. mount. holes: 130 mm
Width: 67 mm

Bulb type: Xenon
Lens type: Polycarbonate
Flash rate: 72 min.
Colour: Orange
Mount.: Plan
Hi impact: Yes
Waterproof: Yes
Approvals: CE

171798 Xenon Beacon



Voltage: 10-100
Watt: 5

OD: 77 mm
Height: 45 mm
Dist. mount. holes: 45 mm

Bulb type: Xenon
Lens type: Polycarbonate
Flash rate: 75 min.
Colour: Orange
Material: Polycarbonate
Mount.: Plan
Hi impact: Yes
Tightness norm: IP 67
Approvals: CE

SPARE PARTS

170654 Xenon Bulb

Servicing: HC-CARGO 170650, 170651, 171505, 171005



Voltage: 12/24
Watt: 16

Bulb type: LX10J
Model: XENON FT6 /FLX ELECTRONIC

171376 Xenon Bulb

Servicing: HC-CARGO 171498, 170680



Voltage: 10-100
Amp: 200/50 mA

Bulb type: LX1J
Model: FLASH ELEV

171590 Dome

Servicing: HC-CARGO 171005, 171561



Lens type: PMMA/ACRYL
Colour: Orange
Model: TRASPORT XENON

ACCESSORIES

170525 Beacon Socket

Servicing: HC-CARGO 170490, 171017

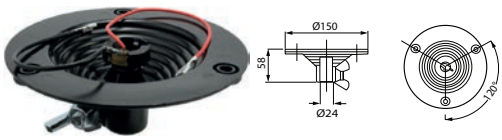


Cable length: 2000 mm
Height: 28 mm
Width: 147 mm

Model: TYPE FT 6
Mount.: 3 magnets
Base: Magnetic
Coiled cable incl.: Yes
Tightness norm: IP 55

170528 Base Plate

Servicing: HC-CARGO 170491, 170490, 170650, 170651, 171498, 170680



Height: 58 mm
Width: 150 mm

Model: TYPE FT 6
Mount.: Standard ISO A - Rod

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

170653 Beacon Socket

Servicing: HC-CARGO 170650, 170651, 171466



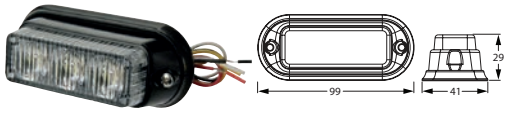
Cable length: 2000 mm
Height: 30 mm
Width: 168 mm

Mount.: 3 magnets
Base: Magnetic
Coiled cable incl.: Yes
Tightness norm: IP 55
E-approval: Yes

FLASH LIGHTS LED

171642 LED Flash, white

Multi-module synchronization. Bracket: HC-CARGO 171657. Rubber adapter for flush mount: HC-CARGO 171728.



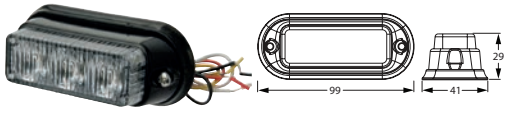
Voltage: 12/24

Length: 99 mm
Height: 29 mm
Width: 41 mm

Bulb type: LED
Colour: White
Model: 3 LED
Flash patterns: 12
Waterproof: Yes
Approvals: CE/EMC

171644 LED Flash, blue

Multi-module synchronization. Bracket: HC-CARGO 171657. Rubber adapter for flush mount: HC-CARGO 171728.



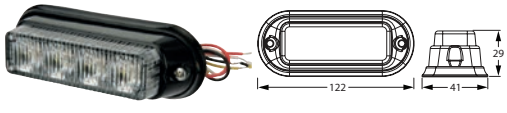
Voltage: 12/24

Length: 99 mm
Height: 29 mm
Width: 41 mm

Bulb type: LED
Colour: Blue
Model: 3 LED
Flash patterns: 12
Waterproof: Yes
Approvals: CE/EMC

171646 LED Flash, white

Multi-module synchronization. Bracket: HC-CARGO 171658. Rubber adapter for flush mount: HC-CARGO 171675.



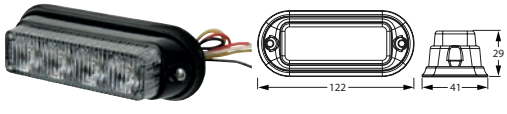
Voltage: 12/24

Length: 122 mm
Height: 29 mm
Width: 41 mm

Bulb type: LED
Colour: White
Model: 4 LED
Flash patterns: 19
Waterproof: Yes
Approvals: CE/EMC

171648 LED Flash, blue

Multi-module synchronization. Bracket: HC-CARGO 171658. Rubber adapter for flush mount: HC-CARGO 171675.



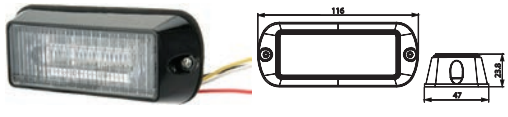
Voltage: 12/24

Length: 122 mm
Height: 29 mm
Width: 41 mm

Bulb type: LED
Colour: Blue
Model: 4 LED
Flash patterns: 19
Waterproof: Yes
Approvals: CE/EMC

171661 LED Flash, amber

Multi-module synchronization. Bracket: HC-CARGO 171663.



Voltage: 12/24

Length: 116 mm
Height: 23.8 mm
Width: 47 mm

Bulb type: LED
Lens type: Frosted
Colour: Orange
Model: 4 LED
Flash patterns: 12
Waterproof: Yes
Approvals: SAE/CE

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

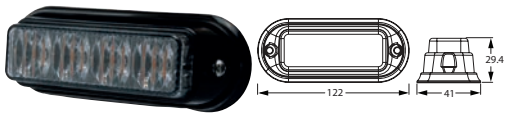
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171662 LED Flash, amber *Multi-module synchronization. Bracket: HC-CARGO 171664.*	**Voltage:** 12/24	**Length:** 148 mm **Height:** 23 mm **Width:** 47 mm	**Bulb type:** LED **Lens type:** Transparent **Colour:** Orange **Model:** 6 LED **Flash patterns:** 19 **Waterproof:** Yes **Approvals:** SAE/CE
171746 LED Flash, amber	**Voltage:** 12/24	**Length:** 109 mm **Height:** 28 mm **Width:** 72 mm	**Bulb type:** LED **Lens type:** Transparent **Colour:** Orange **Material:** Cast aluminum **Hi impact:** Yes **Coiled cable incl.:** No **Waterproof:** Yes **Approvals:** CE
171765 LED Flash, amber *Rubber adapter for flush mount: HC-CARGO 171766.*	**Voltage:** 12/24	**OD:** 109 mm **Height:** 31 mm **Width:** 109 mm	**Bulb type:** 10 LED **Lens type:** Polycarbonate **Colour:** Orange **Mount.:** Plan **Hi impact:** Yes **Waterproof:** Yes
171813 LED Flash, blue *Fits w/ rubber adapter for flush mount: HC-CARGO 171817.*	**Voltage:** 12/24	**Length:** 127.5 mm **Height:** 17.2 mm **Width:** 27.8 mm	**Bulb type:** LED **Flash rate:** 5 min. **Colour:** Blue **Model:** 6 LED **Waterproof:** Yes **Approvals:** SAE/ECE-R65 **E-approval:** Yes
171814 LED Flash, amber *Fits w/ rubber adapter for flush mount: HC-CARGO 171817.*	**Voltage:** 12/24	**Length:** 127.5 mm **Height:** 17.2 mm **Width:** 27.8 mm	**Bulb type:** LED **Colour:** Yellow **Model:** 6 LED **Flash patterns:** 5 **Waterproof:** Yes **Approvals:** SAE/ECE-R65 **E-approval:** Yes
171815 LED Flash, yellow *For HC-CARGO 171816.*	**Voltage:** 12/24	**Length:** 85.6 mm **Height:** 15.7 mm **Width:** 27.7 mm	**Bulb type:** LED **Colour:** Orange **Model:** 3 LED **Flash patterns:** 12 **Waterproof:** Yes **Approvals:** SAE/ECE-R65 **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171904 LED Flash, amber

Multi-module synchronization. Bracket: HC-CARGO 171658. Rubber adapter for flush mount: HC-CARGO 171675.



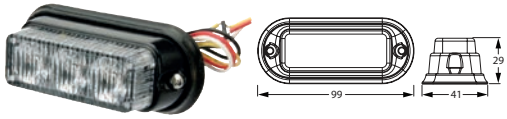
Voltage: 12-24

Length: 122 mm
Height: 29.4 mm
Width: 41 mm

Bulb type: LED
Colour: Orange
Model: 4 LED
Flash patterns: 19
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171905 LED Flash, amber

Multi-module synchronization. Bracket: HC-CARGO 171657. Rubber adapter for flush mount: HC-CARGO 171728.



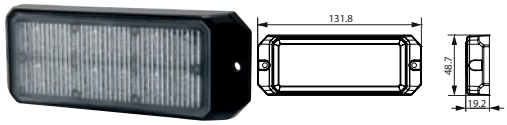
Voltage: 12-24

Length: 99 mm
Height: 29 mm
Width: 41 mm

Bulb type: LED
Colour: Orange
Model: 3 LED
Flash patterns: 12
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171906 LED Flash, amber

Multi-module synchronization. Bracket: HC-CARGO 171908. Rubber adapter for flush mount: HC-CARGO 171907.



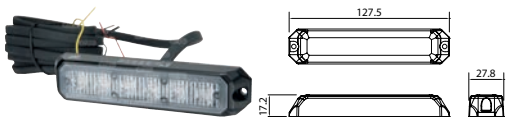
Voltage: 12-24

Length: 131.8 mm
Height: 48.7 mm
Width: 19.2 mm

Bulb type: LED
Colour: Orange
Model: 12 LED
Flash patterns: 25
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171926 LED Flash, amber

Fits w/ rubber adapter for flush mount: HC-CARGO 171817.

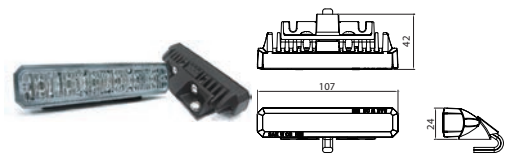


Voltage: 12-24

Length: 127.5 mm
Cable length: 2000 mm
Height: 17.2 mm
Width: 27.8 mm

Bulb type: LED
Colour: Yellow
Model: 6 LED
Mount.: 3 m ADR Cable
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171933 LED Flash, amber

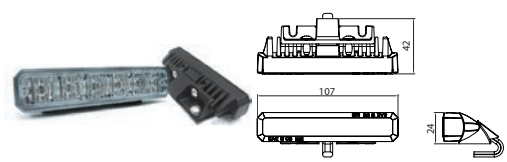


Voltage: 11-30

Length: 107 mm
Height: 24 mm
Width: 42 mm

Bulb type: LED
Colour: Yellow
Model: 6 LED
Mount.: Plan
Flash patterns: 5
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171934 LED Flash, blue

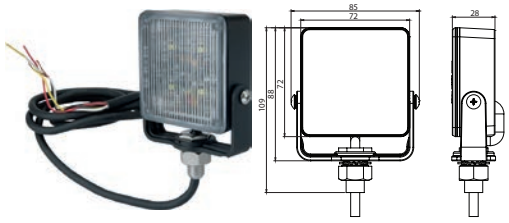
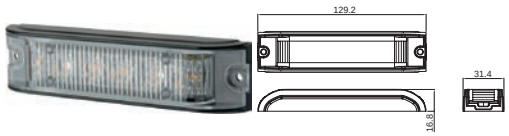
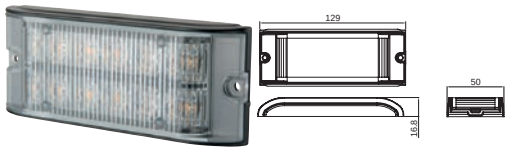
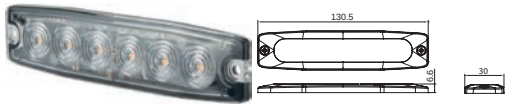


Voltage: 11-30

Length: 107 mm
Height: 24 mm
Width: 42 mm

Bulb type: LED
Colour: Blue
Model: 6 LED
Mount.: Plan
Flash patterns: 5
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

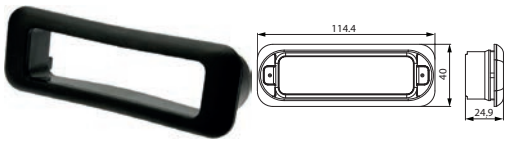
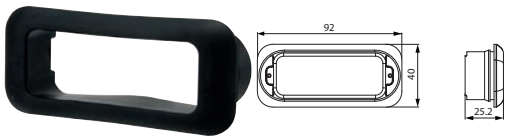
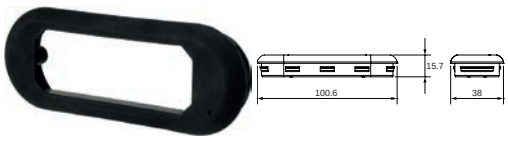
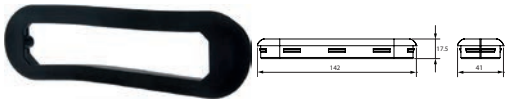
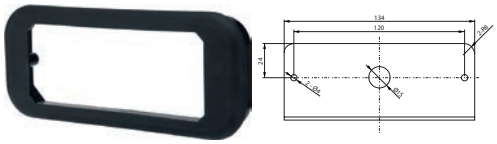
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171943 LED Flash, white			
	**Voltage:** 12/24 **Amp:** 0.27-0.13 **Watt:** 3.5	**Length:** 109 mm **Cable length:** 1200 mm **Height:** 28 mm **Width:** 72 mm	**Bulb type:** LED **Lens type:** Transparent **Colour:** White **Material:** Aluminium **Hi impact:** Yes **Coiled cable incl.:** No **Waterproof:** Yes **Approvals:** SAE/CE
172011 LED Flash, amber			
	**Voltage:** 12/24 **Watt:** 12	**Length:** 129.2 mm **Height:** 31.4 mm **Width:** 16.8 mm	**Colour:** Orange **Model:** 6 LED **Flash patterns:** 15 **Approvals:** ECE-R65 **E-approval:** Yes
172012 LED Flash, amber			
	**Voltage:** 12/24 **Watt:** 21	**Length:** 129 mm **Height:** 16.8 mm **Width:** 50 mm	**Bulb type:** LED **Colour:** Orange **Model:** 12 LED **Flash patterns:** 15 **Approvals:** ECE-R65 **E-approval:** Yes
172013 LED Flash, amber			
	**Voltage:** 12/24 **Watt:** 6	**Length:** 130.5 mm **Height:** 6.6 mm **Width:** 30 mm	**Colour:** Orange **Model:** 6 LED **Flash patterns:** 23 **Approvals:** SAE/CE

ACCESSORIES

171657 Mounting Bracket	**Servicing:** HC-CARGO 171641, 171642, 171644
Angled. For single head.	
	**Length:** 100 mm **Thickness:** 24 mm **Width:** 55 mm
171658 Mounting Bracket	**Servicing:** HC-CARGO 171646, 171648
Angled. For single head.	
	**Length:** 123 mm **Thickness:** 55 mm **Width:** 24 mm
171663 Mounting Bracket	**Servicing:** HC-CARGO 171661
Angled 100°.	
	**Length:** 153 mm **Thickness:** 55 mm **Width:** 25 mm

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171664 Mounting Bracket *Adjustable.*	**Servicing:** HC-CARGO 171662		
		**Length:** 156 mm **Thickness:** 42 mm **Width:** 30 mm	
171675 Rubber Adapter for Flush Mount	**Servicing:** HC-CARGO 171646, 171648		
		**Length:** 114.4 mm **Height:** 24.9 mm **Width:** 40 mm	**Colour:** Black **Material:** Rubber
171728 Rubber Adapter for Flush Mount	**Servicing:** HC-CARGO 171641, 171642, 171644		
		**Length:** 92 mm **Height:** 25.2 mm **Width:** 40 mm	**Colour:** Black **Material:** Rubber
171766 Rubber Boot *For flush mount of HC-CARGO 171765.*	**Servicing:** HC-CARGO 171765		
			**Material:** Rubber
171816 Rubber Adapter for Flush Mount	**Servicing:** HC-CARGO 171815		
		**Length:** 100.6 mm **Height:** 15.7 mm **Width:** 38 mm	**Colour:** Black **Material:** Rubber
171817 Rubber Adapter for Flush Mount	**Servicing:** HC-CARGO 171813, 171814		
		**Length:** 142 mm **Height:** 17.5 mm **Width:** 41 mm	**Colour:** Black **Material:** Rubber
171907 Rubber Adapter for Flush Mount	**Servicing:** HC-CARGO 171906		
		**Length:** 144 mm **Height:** 61 mm **Width:** 20 mm	**Colour:** Black **Material:** Rubber

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

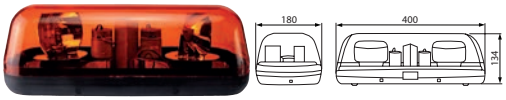
171908 Mounting Bracket — **Servicing:** HC-CARGO 171906

Angled. For single head.



LIGHT BARS CONVENTIONAL

171681 Mini Light Bar



Bulb incl.: Yes
12 V
Voltage: 12/24

Length: 400 mm
Height: 134 mm
Width: 180 mm

Bulb type: H1 12 V
Lens type: Polycarbonate
Colour: Orange
Material: ABS plastic
Mount.: Plan
Base: Rigid
Hi impact: Yes
Waterproof: Yes
Tightness norm: IP 56
Approvals: CE
E-approval: Yes

SPARE PARTS

171820 Belt for Mini Light Bar — **Servicing:** HC-CARGO 171681

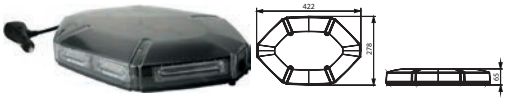


Colour: Black

LIGHT BARS LED

171680 LED Mini Light Bar

Bracket for permanent mounting: HC-CARGO 171682. Change flash pattern on cigarplug. Can also be connected permanently.



Voltage: 12/24

Length: 422 mm
Cable length: 3000 mm
Height: 65 mm
Width: 278 mm

Bulb type: 40x1W LED
Lens type: Polycarbonate
Colour: Orange
Model: FALCON
Mount.: Plan
Base: Magnetic/vacuum
Hi impact: Yes
Waterproof: Yes
Tightness norm: IP 66
Approvals: SAE/CE

171760 LED Light bar

Spare Parts: HC-CARGO 171778. Accessories: HC-CARGO 171777, 171779, 171780, 171781, 171762.



Voltage: 12
Amp: 11.2

Length: 1100 mm
Height: 67 mm
Width: 317 mm

Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: 110 cm/44"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/CE

171761 LED Light bar

Spare Parts: HC-CARGO 171778. Accessories: HC-CARGO 171777, 171779, 171780, 171781, 171762.



Voltage: 12
Amp: 11.2

Length: 1470 mm
Height: 67 mm
Width: 317 mm

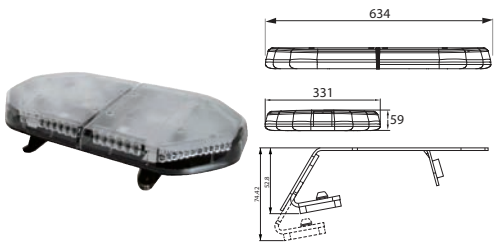
Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: 147 cm/59"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/CE

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171849 LED Light bar

Spare Parts: HC-CARGO 171856, 171858. Accessories: HC-CARGO 171781, 171762. Recommended fuse 15 A.



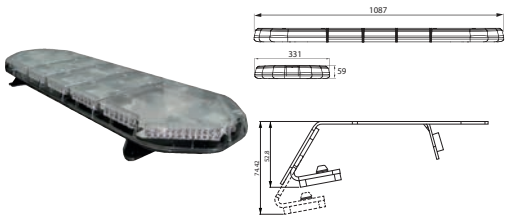
Voltage: 12
Amp: 10.4

Length: 634 mm
Height: 59 mm
Width: 331 mm

Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: 65 cm/24"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171850 LED Light bar

Spare Parts: HC-CARGO 171856, 171858. Accessories: HC-CARGO 171781, 171762. Recommended fuse 20 A.



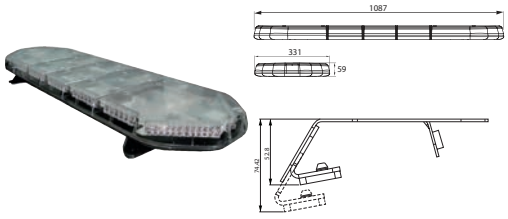
Voltage: 12
Amp: 13.4

Length: 1087 mm
Height: 59 mm
Width: 331 mm

Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: 110 cm/43"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171851 LED Light bar

Spare Parts: HC-CARGO 171857, 171859. Accessories: HC-CARGO 171865, 171762. Recommended fuse 15 A.



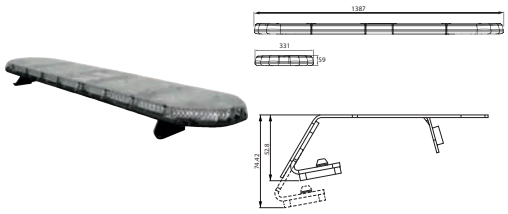
Voltage: 24
Amp: 8.2

Length: 1087 mm
Height: 59 mm
Width: 331 mm

Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: 110 cm/43"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171852 LED Light bar

Spare Parts: HC-CARGO 171856, 171858. Accessories: HC-CARGO 171781, 171762. Recommended fuse 25 A.



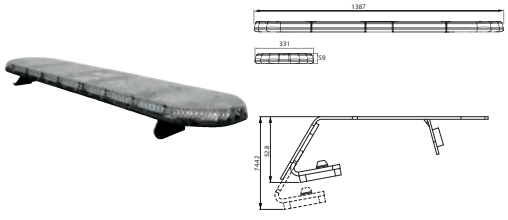
Voltage: 12
Amp: 16.2

Length: 1387 mm
Height: 59 mm
Width: 331 mm

Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: 140 cm/54"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171853 LED Light bar

Spare Parts: HC-CARGO 171857, 171859. Accessories: HC-CARGO 171865, 171762. Recommended fuse 15 A.



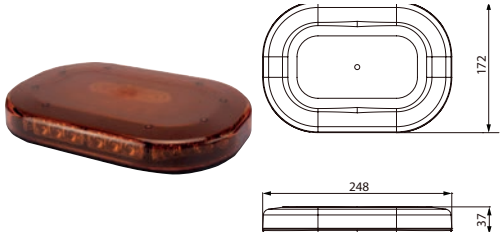
Voltage: 24
Amp: 10.2

Length: 1387 mm
Height: 59 mm
Width: 331 mm

Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: 140 cm/54"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171854 LED Micro Light Bar

Bracket for permanent mounting: HC-CARGO 171855. Change flash pattern on cigarplug. Can also be connected permanently.



Voltage: 12/24
Amp: 4.2/1.05

OD: 248x172 mm
Length: 248 mm
Height: 37 mm
Width: 172 mm

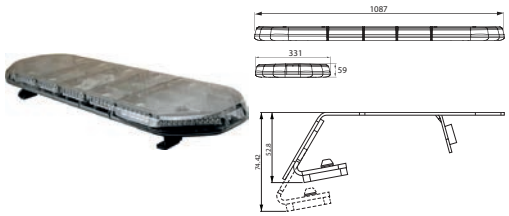
Bulb type: 30x1 W LED
Lens type: Polycarbonate
Colour: Orange
Mount.: Plan
Base: Magnetic
Flash patterns: 23
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171909 LED Light bar

Spare Parts: HC-CARGO 171915, 171916. Accessories: HC-CARGO 171781, 171762. Recommended fuse 25 A.



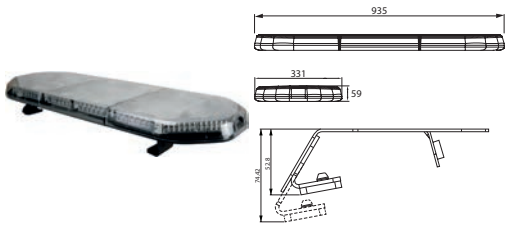
Voltage: 12
Amp: 16.4

Length: 1087 mm
Height: 59 mm
Width: 331 mm

Lens type: Polycarbonate
Colour: Blue
Material: Aluminium
Model: 110 cm/43"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171911 LED Light bar

Spare Parts: HC-CARGO 171857, 171859. Accessories: HC-CARGO 171865, 171762. Recommended fuse 15 A.



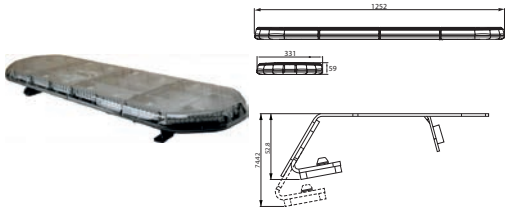
Voltage: 24
Amp: 7.2

Length: 935 mm
Height: 59 mm
Width: 331 mm

Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: 91.4cm - 36"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171912 LED Light bar

Spare Parts: HC-CARGO 171856, 171858. Accessories: HC-CARGO 171781, 171762. Recommended fuse 25 A.



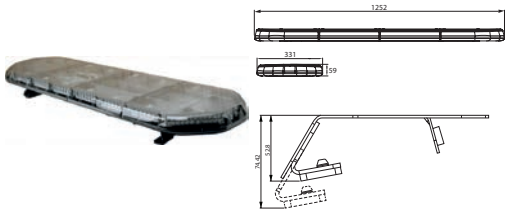
Voltage: 12
Amp: 14.8

Length: 1252 mm
Height: 59 mm
Width: 331 mm

Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: 124.5 cm/49"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171913 LED Light bar

Spare Parts: HC-CARGO 171857, 171859. Accessories: HC-CARGO 171865, 171762. Recommended fuse 15 A.



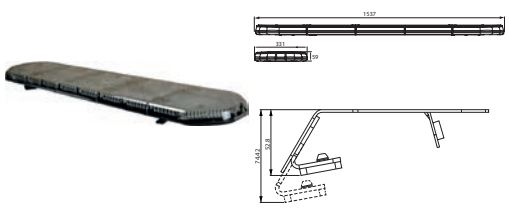
Voltage: 24
Amp: 9.2

Length: 1252 mm
Height: 59 mm
Width: 331 mm

Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: 124.5 cm/49"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

171914 LED Light bar

Spare Parts: HC-CARGO 171857, 171859. Accessories: HC-CARGO 171865, 171762. Recommended fuse 20 A.



Voltage: 24
Amp: 11.2

Length: 1524 mm
Height: 59 mm
Width: 331 mm

Lens type: Polycarbonate
Colour: Orange
Material: Aluminium
Model: 152.4 cm/60"
Mount.: Plan
Base: Flexible
Hi impact: Yes
Waterproof: Yes
Approvals: SAE/ECE-R65
E-approval: Yes

ACCESSORIES

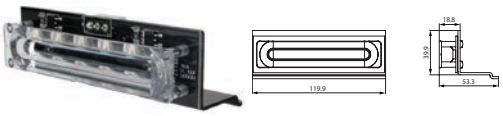
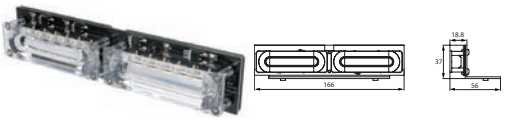
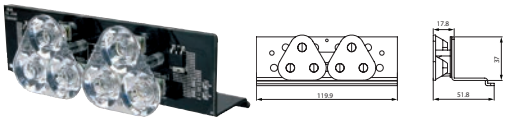
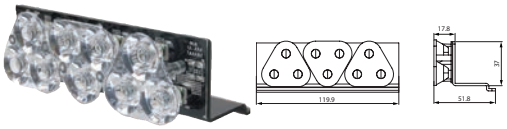
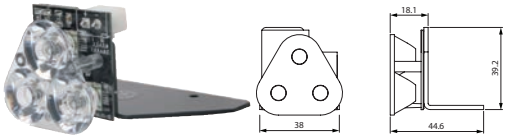
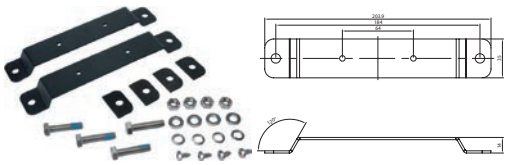
171682 Mounting Bracket for LED Mini Light Bar

Servicing: HC-CARGO 171680



Thickness: 3 mm
Dist. mount. holes: 212 mm

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171762 Switch Panel	**Servicing:** HC-CARGO 171760, 171761, 171849, 171850, 171851, 171852, 171853, 171909, 171910, 171911, 171912, 171913, 171914		
Dim: 134x39x23 mm.			
		**Mount. hole size:** 4 mm	**Type/terminal:** Flat **Colour:** Black **Button colour:** Black **Material:** Metal **Switch:** S1-S4 On/Off, S5 Shift
171777 LED Flash, amber	**Servicing:** HC-CARGO 171760, 171761		
	**Voltage:** 12	**Length:** 119.9 mm **Height:** 39.9 mm **Width:** 18.8 mm	**Bulb type:** 6 LED **Colour:** Orange
171778 LED Corner Flash, orange	**Servicing:** HC-CARGO 171760, 171761		
	**Voltage:** 12	**Length:** 166 mm **Height:** 37 mm **Width:** 18.8 mm	**Bulb type:** 12 LED **Colour:** Orange
171779 LED Work Lamp	**Servicing:** HC-CARGO 171760, 170761		
	**Voltage:** 12	**Length:** 119.9 mm **Height:** 37 mm **Width:** 17.8 mm	**Bulb type:** 6 LED **Colour:** Transparent
171780 LED Work Lamp	**Servicing:** HC-CARGO 171760, 171761		
	**Voltage:** 12	**Length:** 119.9 mm **Height:** 37 mm **Width:** 17.8 mm	**Bulb type:** 9 LED **Colour:** Transparent
171781 LED Alley light	**Servicing:** HC-CARGO 171760, 171761, 171749, 171850, 171852, 171909, 171910, 171913		
	**Voltage:** 12	**Length:** 38 mm **Height:** 39.2 mm **Width:** 18.1 mm	**Bulb type:** 3 LED **Colour:** Transparent **Approvals:** SAE/ECE-R65 **E-approval:** Yes
171855 Mounting Bracket for LED Micro Light Bar	**Servicing:** HC-CARGO 171854		
		**Total length:** 203.9 mm **Height:** 14 mm **Dist. mount. holes:** 64/184 mm **Width:** 35 mm	

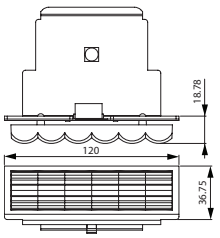
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171856 LED Flash, amber

Servicing: HC-CARGO 171760, 171761, 171849, 171850, 171852, 171910, 171912





Voltage: 12

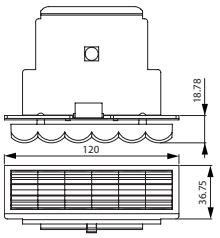
Length: 120 mm
Height: 36.75 mm
Width: 18.78 mm

Bulb type: 6 LED
Colour: Orange
Approvals: SAE/ECE-R65
E-approval: Yes

171857 LED Flash, amber

Servicing: HC-CARGO 171851, 171853, 171911, 171913, 171914





Voltage: 24

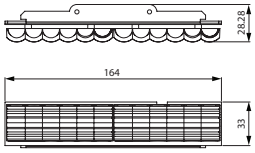
Length: 120 mm
Height: 36.75 mm
Width: 18.78 mm

Bulb type: 6 LED
Colour: Orange
Approvals: SAE/ECE-R65
E-approval: Yes

171858 LED Corner Flash, orange

Servicing: HC-CARGO 171760, 171761, 171849, 171850, 171852, 171910, 171912





Voltage: 12

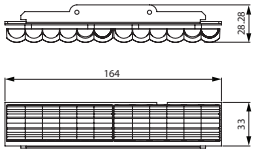
Length: 164 mm
Height: 33 mm
Width: 28.28 mm

Bulb type: 12 LED
Colour: Orange
Approvals: SAE/ECE-R65
E-approval: Yes

171859 LED Corner Flash, orange

Servicing: HC-CARGO 171851, 171853, 171911, 171913, 171914





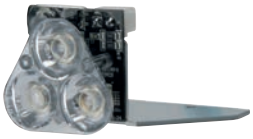
Voltage: 24

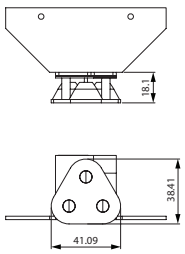
Length: 164 mm
Height: 33 mm
Width: 28.28 mm

Bulb type: 12 LED
Colour: Orange
Approvals: SAE/ECE-R65
E-approval: Yes

171865 LED Alley light

Servicing: HC-CARGO 171851, 171853, 171911, 171913, 171914





Voltage: 24

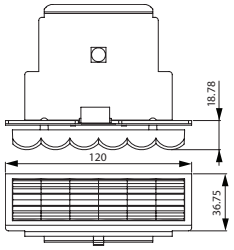
Height: 38.41 mm

Bulb type: 3 LED
Approvals: SAE/ECE-R65
E-approval: Yes

171915 LED Flash, blue

Servicing: HC-CARGO 171909





Voltage: 12

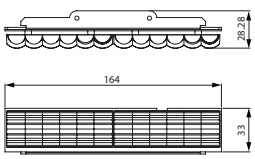
Length: 120 mm
Height: 36.75 mm
Width: 18.78 mm

Bulb type: 6 LED
Colour: Blue
Approvals: SAE/ECE-R65
E-approval: Yes

171916 LED Corner Flash

Servicing: HC-CARGO 171909





Voltage: 12

Length: 164 mm
Height: 33 mm
Width: 28.28 mm

Bulb type: 12 LED
Colour: Blue
Approvals: SAE/ECE-R65
E-approval: Yes

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

BEACON SOCKETS

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170292 Beacon Socket			
		**Length:** 100 mm	**Material:** Steel **Mount.:** Weld **Bracket:** Straight **Socket:** DIN 72591 1 terminal
170387 Beacon Socket			
			**Material:** Electro galvanized **Mount.:** w/ nuts **Bracket:** Straight **Socket:** DIN 72591 1 terminal
170405 Beacon Socket			
		**Length:** 108 mm **Mount. hole size:** 10 mm	**Material:** Galvanised steel **Mount.:** Flat **Bracket:** Angled 90° **Socket:** DIN 72591 2 terminal
170406 Beacon Socket			
			**Material:** Galvanised steel **Mount.:** 2 screws **Bracket:** Adjustable **Socket:** DIN 72591 2 terminal
170419 Beacon Socket			
			**Material:** Galvanised steel **Mount.:** Vertical **Bracket:** Angled 90° **Socket:** DIN 72591 2 terminal
170531 Extension			
		**Length:** 500 mm **Mount. hole size:** 24 mm	**Material:** Galvanised steel **Bracket:** Straight **Socket:** DIN 72591 2 terminal
170537 Beacon Socket			
			**Material:** Electro galvanized **Mount.:** Vertical **Bracket:** Straight **Socket:** DIN 72591 2 terminal

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170562 Beacon Socket			
			**Material:** Galvanised steel **Mount.:** 2 screws **Bracket:** Angled 90° **Socket:** DIN 72591 2 terminal
170788 Beacon Socket			
		**Length:** 102 mm **Mount. hole size:** 10 mm	**Material:** Electro galvanized **Mount.:** Flat **Bracket:** Angled **Socket:** DIN 72591 1 terminal
170789 Beacon Socket			
			**Material:** Electro galvanized **Bracket:** Flexible **Mount.:** Vertical **Socket:** DIN 72591 1 terminal
171576 Beacon Socket	**Servicing:** IH/CASE		
			**Material:** Steel **Mount.:** Vertical **Bracket:** Straight **Socket:** DIN 72591 2 terminal

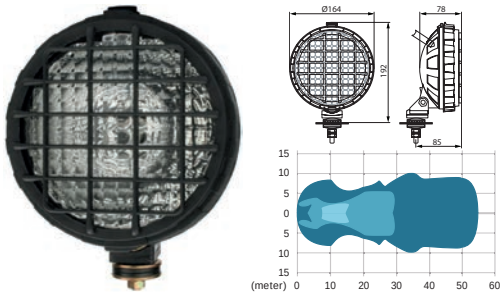
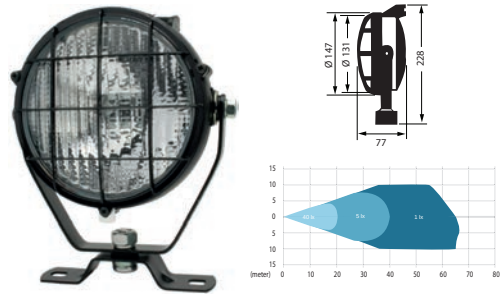
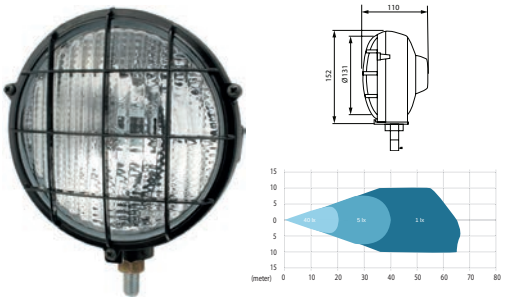
SPARE PARTS

170460 Beacon Socket	**Servicing:** John Deere tractor etc		
			**Material:** Galvanised steel **Mount.:** 1 bolt **Bracket:** Angled **Socket:** DIN 72591 2 terminal
171513 Rubber Body for Beacon Socket	**Servicing:** HC-CARGO 170292, 170387, 170405, 170788, 170406, 170562, 170789, 170537, 171576, 170419, 170460		
			**Material:** Rubber
171518 Coiled Cable	**Servicing:** HC-CARGO 170292, 170387, 170405, 170788, 170406, 170562, 170789, 170537, 171576, 170419, 170460		
			**Plug type:** Cigar plug **Plug 1:** 2 **ISO norm:** 4165

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171562 Coiled Cable	**Servicing:** HC-CARGO 171763, 171764, 171494, 171495, 171496		
			**Plug type:** Cigar plug
180376 DIN Socket	**Servicing:** HC-CARGO 170292, 170387, 170405, 170788, 170406, 170562, 170789, 170537, 171576, 170419, 170460		
Also used in sockets for beacons.			
			**Material:** Brass **No./poles:** 1
180377 DIN Socket			
Also used in sockets for beacons.			
			**Material:** Brass **No./poles:** 2

WORK LAMPS CONVENTIONAL

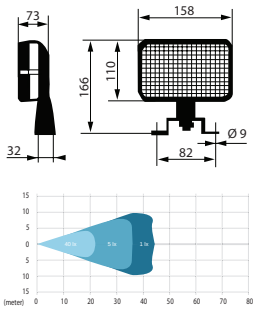
170093 Work Lamp			
	**Bulb incl.:** No	**Dim.:** 164x192x85 mm **Light aperture:** 136 mm	**Bulb type:** H3 **Socket type:** PK22s **Colour:** Black **Material/dome:** Glass **Material/house:** Plastic **Reflector system:** Single **Shape:** Round **Switch:** w/ **Mount. bracket:** Single bolt fixing **Grill:** w/ **Handle:** w/
170237 Work Lamp			
	**Bulb incl.:** No	**Dim.:** 228x77 mm **Light aperture:** 131 mm	**Bulb type:** H3 **Socket type:** PK22s **Colour:** Black **Material/dome:** Glass **Material/house:** Shockproof plastic **Reflector system:** Single **Shape:** Round **Switch:** w/ **Mount. bracket:** U-bracket w/ 2 holes **Grill:** w/ **Handle:** w/
170313 Work Lamp			
	**Bulb incl.:** No	**Dim.:** 152x110 mm **Light aperture:** 131 mm	**Bulb type:** H3 **Socket type:** PK22s **Colour:** Black **Material/dome:** Glass **Material/house:** Shockproof plastic **Reflector system:** Single **Shape:** Round **Mount. bracket:** Single bolt fixing **Grill:** w/

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

170488 Work Lamp





Bulb incl.: No

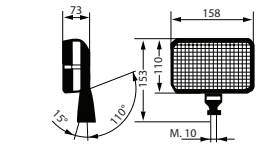
Dim.: 166x158x73 mm
Light aperture: 155x104 mm

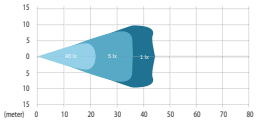
Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Single
Shape: Rectangular
Mount. bracket: U-bracket w/ 4 holes
Grill: w/

170489 Work Lamp

w/o U-bracket.







Bulb incl.: No

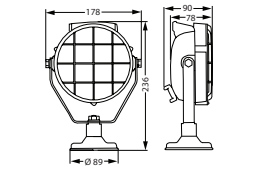
Dim.: 158x153x73 mm
Light aperture: 155x104 mm

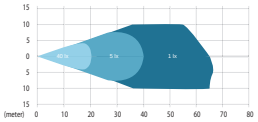
Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Single
Shape: Rectangular
Mount. bracket: Single bolt fixing
Grill: w/

170534 Work Lamp

Bracket: HC-CARGO 171936.







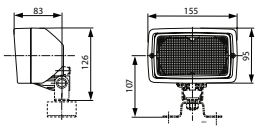
Bulb incl.: No

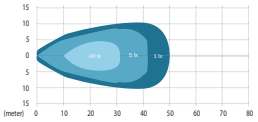
Dim.: 178x236x90 mm
Coiled cable: 2000 mm
Light aperture: 130 mm

Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Metal
Shape: Round
Switch: w/
Grill: w/
Magnet base: w/
Lighter plug incl.: Yes
Handle: w/
Coiled cable incl.: Yes

170851 Work Lamp







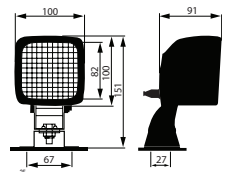
Bulb incl.: No

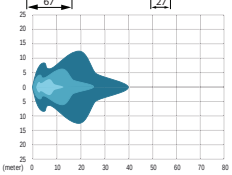
Dim.: 155x95x83 mm
Light aperture: 136x88 mm

Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Dual
Shape: Rectangular
Mount. bracket: U-bracket w/ 6 holes
Tightness norm: IP 54

170857 Work Lamp







Bulb incl.: No

Dim.: 100x151x91 mm
Light aperture: 73x73 mm

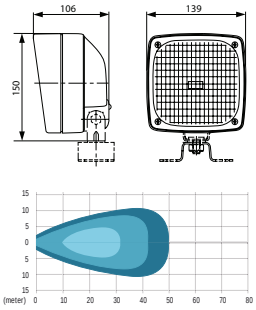
Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Free form
Shape: Square
Mount.: Upright/pendant
Mount. bracket: U-bracket w/ 4 holes
2 poles: w/
Tightness norm: IP 66

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

170859 Work Lamp





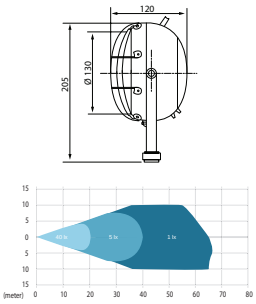
Bulb incl.: No

Dim.: 139x150x106 mm
Light aperture: 123x123 mm

Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Free form
Shape: Square
Mount. bracket: U-bracket w/ 6 holes

170970 Work Lamp





Bulb incl.: No

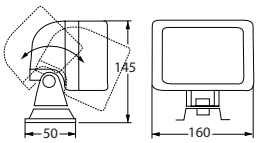
Dim.: 205x120 mm
Light aperture: 130 mm

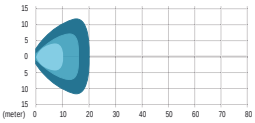
Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Metal
Shape: Round
Switch: w/
Mount. bracket: U-bracket w/ 2 holes
Grill: w/
Handle: w/

170979 Work Lamp

External plug for flat plug connection.







Bulb incl.: No

Dim.: 160x145x50 mm
Light aperture: 123x72 mm

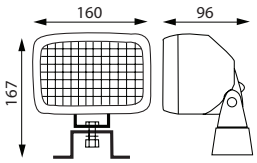
Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Shape: Rectangular
Mount.: Flat
Mount. bracket: U-bracket w/ 4 holes

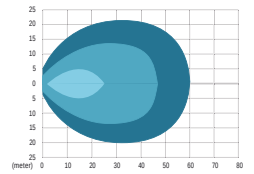
170980 Work Lamp

Servicing: Universal

External plug for flat plug connection.







Bulb incl.: No

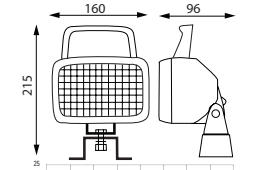
Dim.: 160x167x96 mm
Light aperture: 123x78 mm

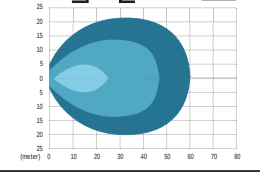
Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Dual
Shape: Rectangular
Mount.: Flat
Mount. bracket: U-bracket w/ 4 holes
Tightness norm: IP 65

170981 Work Lamp

External plug for flat plug connection.







Bulb incl.: No

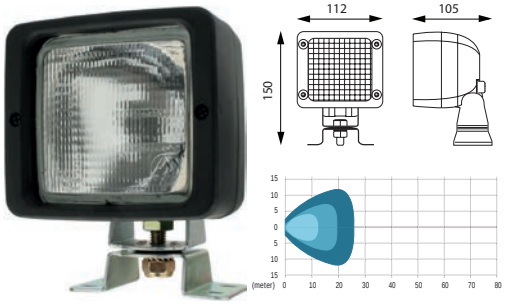
Dim.: 160x215x96 mm
Light aperture: 123x78 mm

Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Dual
Shape: Rectangular
Mount.: Flat
Switch: w/
Mount. bracket: U-bracket w/ 4 holes
Handle: w/
Tightness norm: IP 65

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

170982 Work Lamp

External plug for 6.3 mm flat plug connection.



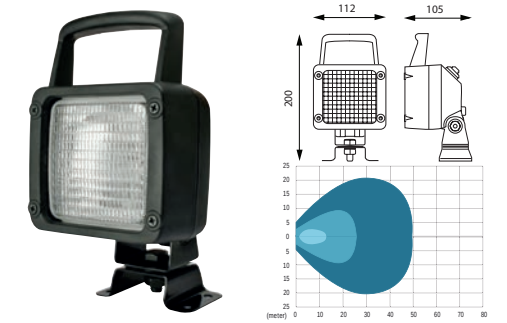
Bulb incl.: No

Dim.: 112x150x105 mm
Light aperture:
73x73 mm

Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Single
Shape: Square
Mount.: Flat
Mount. bracket: U-bracket w/ 4 holes
Tightness norm: IP 67

170983 Work Lamp

External plug for 6.3 mm flat plug connection.



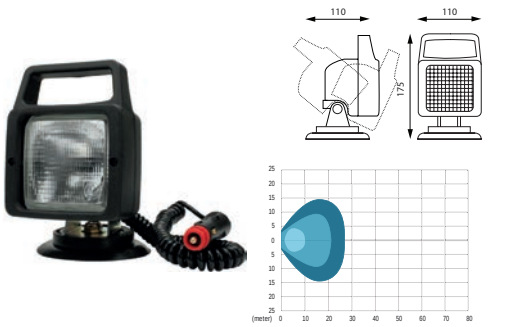
Bulb incl.: No

Dim.: 112x200x105 mm
Light aperture:
73x73 mm

Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Single
Shape: Square
Mount.: Flat
Switch: w/
Mount. bracket: U-bracket w/ 4 holes
Handle: w/
Tightness norm: IP 65

170984 Work Lamp

External plug for 6.3 mm flat plug connection.

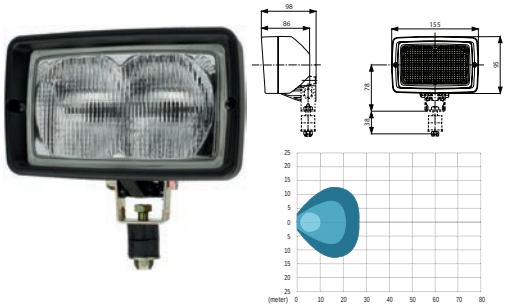


Bulb incl.: No

Dim.: 110x175x110 mm
Coiled cable: 2000 mm
Light aperture:
73x73 mm

Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Single
Shape: Square
Switch: w/
Magnet base: w/
Lighter plug incl.: Yes
Handle: w/
2 poles: w/
Coiled cable incl.: Yes

171167 Work Lamp

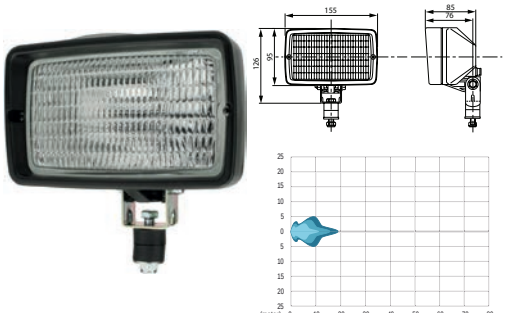


Bulb incl.: No

Dim.: 155x95x86 mm
Light aperture:
136x88 mm

Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Dual
Shape: Rectangular
Mount. bracket: U-bracket w/ 6 holes
Tightness norm: IP 54

171168 Work Lamp



Bulb incl.: No

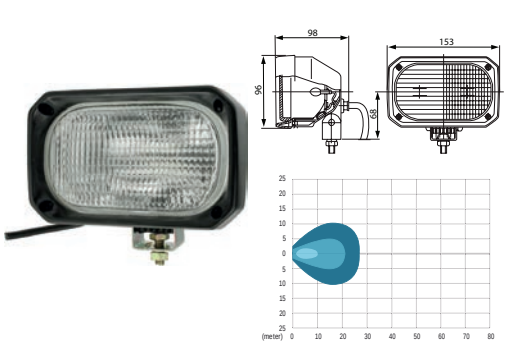
Dim.: 155x126x85 mm
Light aperture:
123x72 mm

Bulb type: H3
Socket type: PK22s
Inclination/downwards: 40°
Inclination/upwards: 100°
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Single
Shape: Rectangular

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171347 Work Lamp



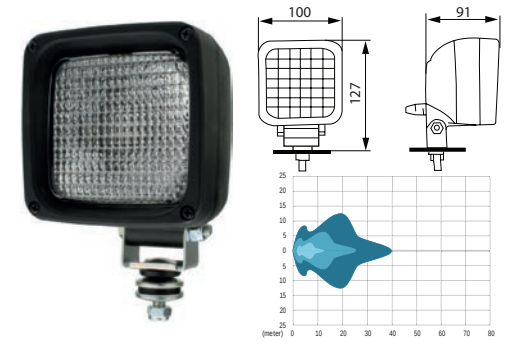
Bulb incl.: No

Dim.: 153x96x98 mm
Light aperture: 124x72 mm

Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Single
Shape: Rectangular
Mount.: Upright/pendant
Mount. bracket: Single bolt fixing

171449 Work Lamp

External plug for multiplug connection.

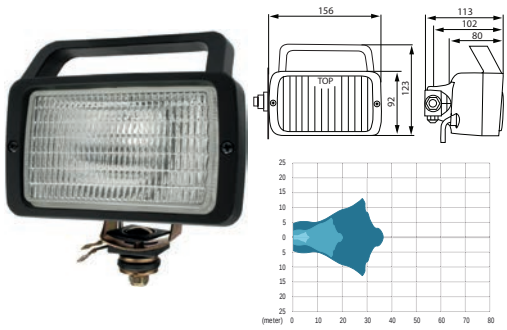


Bulb incl.: No
Watt: 55

Dim.: 100x127x91 mm
Light aperture: 73x73 mm

Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Shockproof plastic
Material/house: Glass
Reflector system: Single
Shape: Square
Mount.: Upright/pendant
Mount. bracket: Single bolt fixing
2 poles: w/
Tightness norm: IP 66

171564 Work Lamp

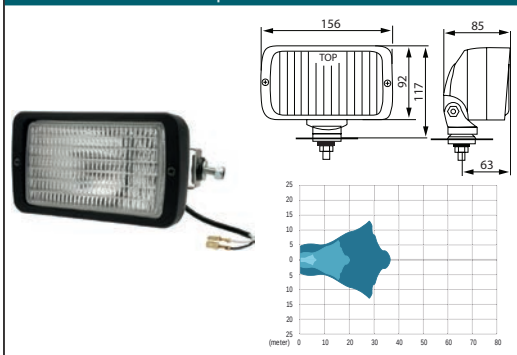


Bulb incl.: No

Dim.: 156x117x85 mm
Light aperture: 120x68 mm

Bulb type: H3
Socket type: PK22s
Material/dome: Shockproof plastic
Material/house: Glass
Shape: Rectangular
Switch: w/
Handle: w/
Tightness norm: IP 55

171566 Work Lamp



Bulb incl.: No

Dim.: 156x123x113 mm
Light aperture: 123x70 mm

Bulb type: H3
Socket type: PK22s
Inclination/downwards: 180°
Inclination/upwards: 180°
Inclination/sideways: 105°
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Shape: Rectangular
Mount.: Sidemounted
Tightness norm: IP 55

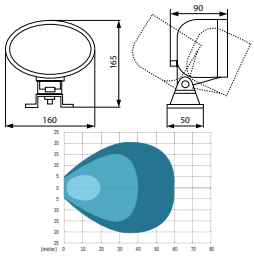
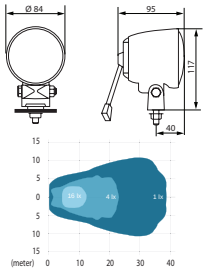
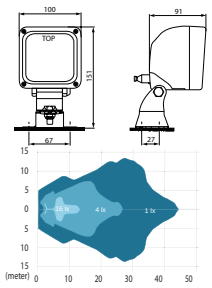
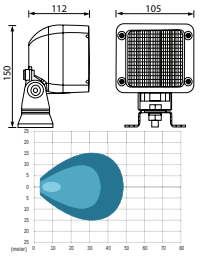
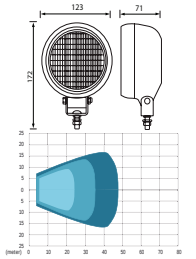
171619 Work Lamp



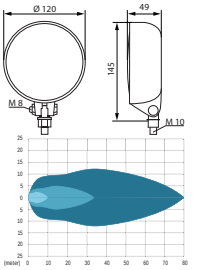
Bulb incl.: No
Watt: 70

Dim.: 160x165x90 mm
Light aperture: 77x130 mm

Bulb type: H3
Socket type: PK22s
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Single
Model: Compact 5000
Shape: Oval
Mount. bracket: 4 holes
2 poles: w/

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171620 Work Lamp			
 	**Bulb incl.:** No	**Dim.:** 160x165x90 mm **Light aperture:** 77x130 mm	**Bulb type:** H3 **Socket type:** PK22s **Colour:** Black **Material/dome:** Shockproof plastic **Reflector system:** Dual **Model:** Twin beam 5000 **Shape:** Oval **Mount. bracket:** 4 holes **2 poles:** w/
171745 Work Lamp			
 	**Bulb incl.:** No	**Dim.:** 117x84x95 mm **Light aperture:** 69 mm	**Bulb type:** H3 **Socket type:** PK22s **Colour:** Black **Material/dome:** Glass **Material/house:** ABS plastic **Reflector system:** Single **Shape:** Round **Mount. bracket:** U-bracket w/ 1 bolt **2 poles:** w/ **Tightness norm:** IP 66
171782 Work Lamp			
w/ Deutsch multiconnection.			
 	**Bulb incl.:** No	**Dim.:** 100x151x91 mm **Light aperture:** 73x73 mm	**Bulb type:** H3 **Socket type:** PK22s **Colour:** Black **Material/dome:** Glass **Material/house:** Shockproof plastic **Reflector system:** Single **Shape:** Square **Mount.:** Upright/pendant **Switch:** w/ **Mount. bracket:** Single bolt fixing **2 poles:** w/ **Tightness norm:** IP 66
171845 Work Lamp	**Servicing:** Marine		
 	**Bulb incl.:** Yes **Voltage:** 12 **Watt:** 55	**Dim.:** 105x150x112 mm	**Bulb type:** H3 **Socket type:** PK22s **Colour:** White **Material/dome:** Glass **Shape:** Square **Mount.:** Single bolt fixing **Mount. bracket:** Mounting bracket **Tightness norm:** IP 65
171848 Work Lamp			
 	**Bulb incl.:** No	**Dim.:** 123x172x71 mm	**Bulb type:** H3 **Socket type:** PK22s **Colour:** Black **Material/dome:** Glass **Material/house:** PVC **Shape:** Round **Mount. bracket:** Single bolt fixing

WORK LAMPS LED

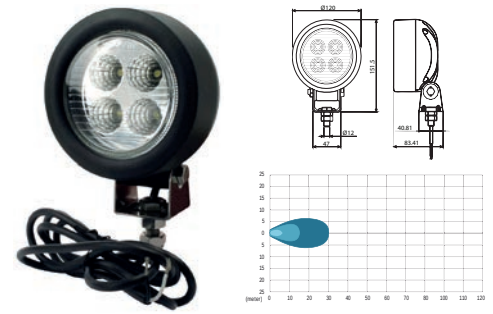
171640 LED Work Lamp			
 	**Voltage:** 9-30 **Watt:** 24 **Lumen:** 1440	**Dim.:** 120x145x49 mm **Light aperture:** 130 mm	**Bulb type:** LED **Colour:** Grey **Material/house:** Aluminium **Model:** 8 LED **Shape:** Round **Switch:** w/o **Mount. bracket:** 1 nut **2 poles:** w/ **Tightness norm:** IP 69K **Approvals:** EMC/ADR/GGVS

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171671 LED Work Lamp

4 diodes. Black cable negative.



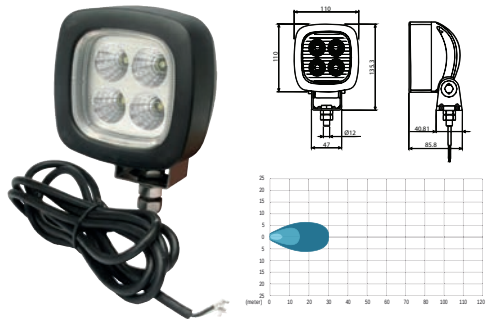
Voltage: 9-56
Watt: 8.5
Candela: 800
Kelvin: 5000-6500
Lumen: 450

Dim.:
151.5x120x83.41 mm
Light aperture: 100 mm

Bulb type: LED
Colour: Black
Material/dome: Shockproof plastic
Material/house: Shock thermo plastic
Shape: Round
Mount. bracket: 1 nut
Tightness norm: IP 66

171672 LED Work Lamp

4 diodes.



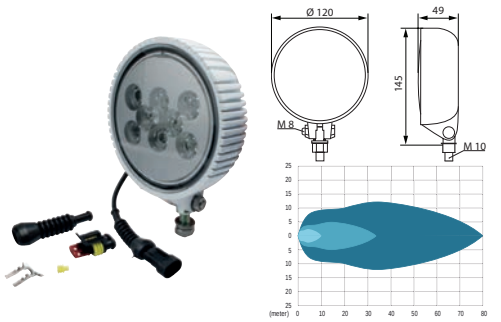
Voltage: 9-56
Watt: 8.5
Candela: 800
Kelvin: 5000-6500
Lumen: 450

Dim.:
135.5x110x85.8 mm
Light aperture: 100 mm

Bulb type: LED
Colour: Black
Material/dome: Shockproof plastic
Material/house: Shockproof plastic
Shape: Square
Mount. bracket: 1 nut
Tightness norm: IP 66

171723 LED Work Lamp

Servicing: Marine



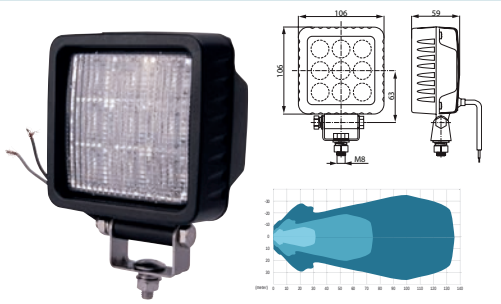
Voltage: 9-30
Watt: 24
Lumen: 1440

Dim.: 120x145x49 mm
Light aperture: 130 mm

Bulb type: LED
Colour: White
Material/house: Aluminium
Model: 8 LED - Marine
Shape: Round
Mount. bracket: 1 nut
2 poles: w/
Tightness norm: IP 69K
Approvals: EMC/ADR/GGVS

171727 LED Work Lamp

Grey lead +, white lead -.



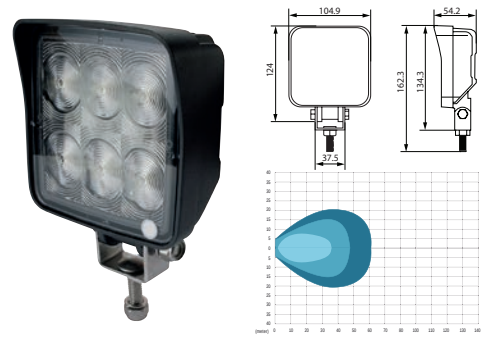
Voltage: 9-33
Watt: 9
Kelvin: 5000-5500
Lumen: 800-1000

Dim.: 106x106x59 mm
Light aperture:
85x85 mm

Bulb type: LED
Colour: Black
Material/dome: Shockproof plastic
Material/house: Cast aluminum
Model: 9 LED
Shape: Square
Mount. bracket: U-bracket w/ 1 bolt
Tightness norm: IP 67
Approvals: CE/EMC

171751 LED Work Lamp

White cable to ground. Black cable to +12/36 V.



Voltage: 9-36
Watt: 19
Candela: 2210
Lumen: 1200

Dim.:
104.9x162.3x54.2 mm
Light aperture:
100x100 mm

Bulb type: LED
Colour: Black
Material/dome: Polycarbonate
Material/house: Cast aluminum
Model: 6 LED
Mount. bracket: U-bracket w/ 1 bolt
Tightness norm: IP 69K
Approvals: CE/EMC

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171752 LED Work Lamp

White cable to ground. Black cable to +12/36 V.

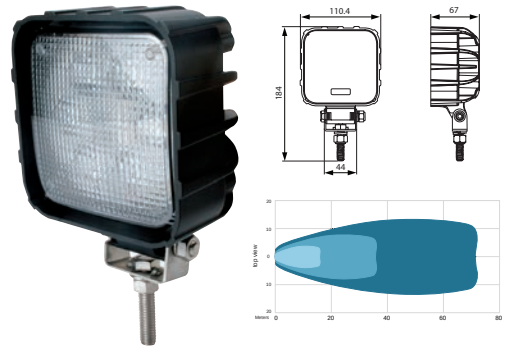


Voltage: 12-36
Watt: 20
Candela: 3600
Lumen: 1800

Dim.: 125x176x60.1 mm
Light aperture:
93x83 mm

Bulb type: LED
Colour: Black
Material/dome: Polycarbonate
Material/house: Cast aluminum
Model: 9 LED
Mount. bracket: U-bracket w/ 1 bolt
Tightness norm: IP 69K

171753 LED Work Lamp

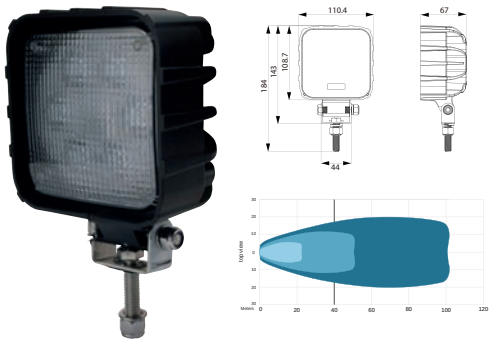


Voltage: 11-70
Watt: 22
Lumen: 1000

Dim.: 110.4x184x67 mm
Light aperture:
88x88 mm

Bulb type: LED
Colour: Black
Material/house: Cast aluminum
Model: 6 LED
Shape: Square
Mount. bracket: Single bolt fixing
Tightness norm: IP 67

171755 LED Work Lamp

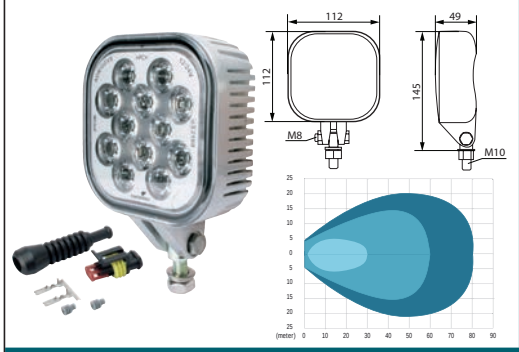


Voltage: 11-70
Watt: 27
Lumen: 1900

Dim.: 110.4x184x67 mm
Light aperture:
88x88 mm

Bulb type: LED
Colour: Black
Material/house: Cast aluminum
Model: 6 LED
Mount. bracket: Single bolt fixing
Tightness norm: IP 67
E-approval: No

171774 LED Work Lamp

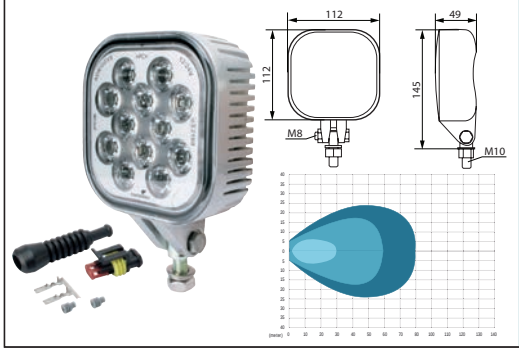


Voltage: 11-30
Watt: 40
Lumen: 3200

Dim.: 112x112x49 mm

Bulb type: LED
Colour: Silver
Material/house: Cast aluminum
Model: 12 LED
Shape: Square
Mount. bracket: U-bracket w/ 1 bolt
Tightness norm: IP 69K
Approvals: EMC/ADR/GGVS

171775 LED Work Lamp



Voltage: 11-30
Watt: 36
Lumen: 1800

Dim.: 112x112x49 mm

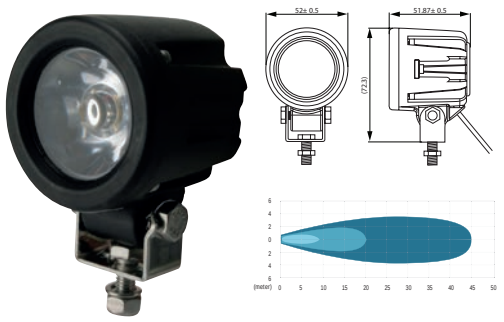
Bulb type: LED
Colour: Silver
Material/house: Cast aluminum
Model: 12 LED
Mount. bracket: U-bracket w/ 1 bolt
Tightness norm: IP 69K
Approvals: EMC/ADR/GGVS

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171811 LED Work Lamp

Pre-wired w/ 30 cm cable.

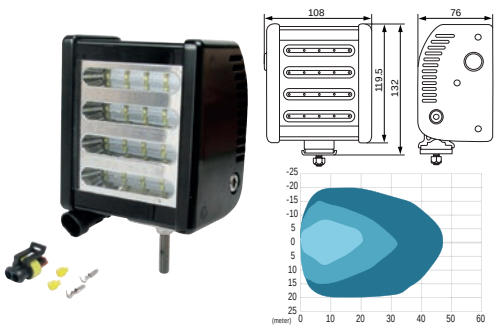


Voltage: 10-80
Watt: 5
Candela: 2000
Kelvin: 5000-6500
Lumen: 600

Dim.:
72.3x52x51.87 mm
Light aperture: 35 mm

Bulb type: LED
Inclination/downwards: Yes
Inclination/upwards: Yes
Colour: Black
Material/dome: Plastic
Material/house: Aluminium
Shape: Round
Mount. bracket: U-bracket w/ 1 bolt
Tightness norm: IP 66
Approvals: CE

171838 LED Work Lamp



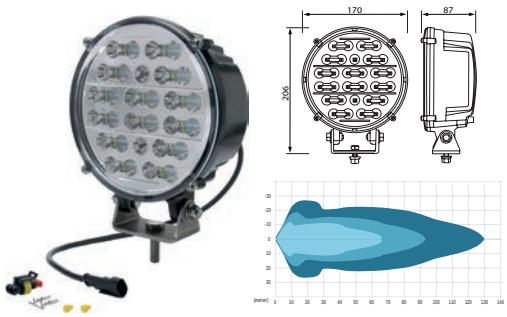
Voltage: 9-36
Amp: 1.2/2.5
Watt: 28-30
Lumen: 3000

Dim.: 132x108x76 mm

Colour: Black
Material/dome: Polycarbonate
Material/house: Aluminium
Model: 20 LED
Shape: Square
Mount. bracket: Single bolt fixing
2 poles: w/
Tightness norm: IP 67
Approvals: CE

171846 LED Work Lamp

2 pin AMP connector.



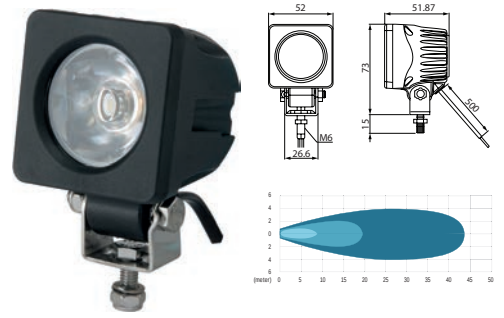
Voltage: 9-36
Amp: 6/3
Watt: 67.5
Lumen: 5400

Dim.: 170x206x87 mm

Bulb type: LED
Inclination/downwards: 45°
Inclination/upwards: 45°
Colour: Black
Material/dome: Polycarbonate
Material/house: Aluminium
Shape: Round
Mount. bracket: U-bracket w/ 1 bolt
2 poles: w/
Tightness norm: IP 67
Approvals: CE

171847 LED Work Lamp

Pre-wired w/ 30 cm cable.



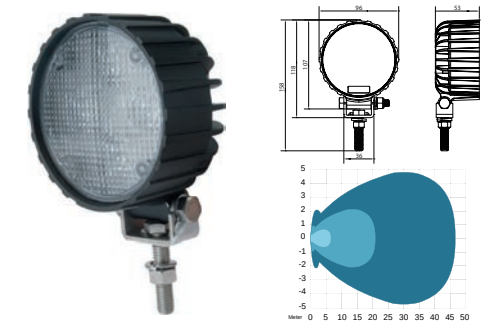
Voltage: 10-80
Amp: 0.3
Watt: 5
Candela: 2000
Kelvin: 5000-6500
Lumen: 600

Dim.: 52x51.9x72.3 mm

Bulb type: LED
Inclination/downwards: Yes
Inclination/upwards: Yes
Colour: Black
Model: LED
Shape: Square
Tightness norm: IP 67
Approvals: CE

171938 LED Work Lamp

Flood type.



Voltage: 9-50
Amp: <0.55
Watt: 10.8
Lumen: 900

Dim.: 96x118x53 mm
Cable length: 380 mm
Light aperture: 90 mm

Bulb type: 4 LED
Colour: Black
Material/dome: Polycarbonate
Material/house: Aluminium
Shape: Round
Mount. bracket: 1 bolt
Tightness norm: IP 68
Approvals: CE/EMC

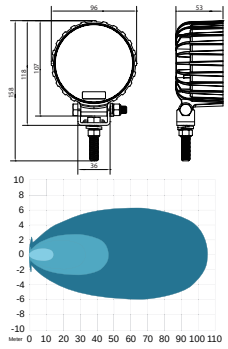
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171939 LED Work Lamp

Spot.





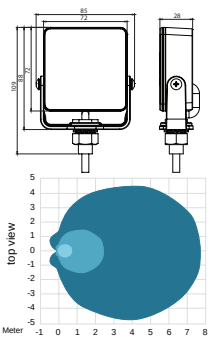
Voltage: 9-50
Amp: <0.65
Watt: 11
Lumen: 900

Dim.: 96x118 mm
Cable length: 380 mm
Light aperture: 90 mm

Bulb type: 4 LED
Colour: Black
Material/dome: Polycarbonate
Material/house: Aluminium
Shape: Round
Mount. bracket: 1 bolt
Tightness norm: IP 68
Approvals: CE/EMC

171940 LED Work Lamp





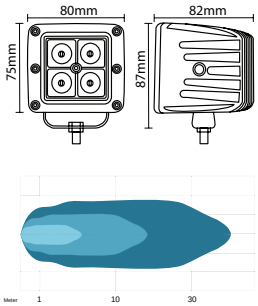
Voltage: 12-24
Amp: 0.37
Watt: 7.5

Dim.: 88x85 mm
Cable length: 380 mm
Light aperture: 72 mm

Bulb type: 4 LED
Material/dome: Polycarbonate
Material/house: Aluminium
Shape: Square
Mount. bracket: U-bracket w/ 1 bolt
Tightness norm: IP 67
Approvals: CE

171944 LED Work Lamp





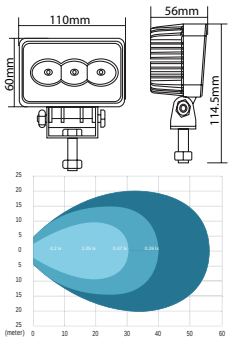
Voltage: 10-30
Watt: 16
Kelvin: 6000
Lumen: 800

Dim.: 87x80x75 mm

Bulb type: 4 LED
Colour: Black
Material/ bracket: Stainless steel
Material/dome: Polycarbonate
Material/house: Cast aluminum
Shape: Square
Mount.: Cable
Tightness norm: IP 67
Approvals: CE

171945 LED Work Lamp





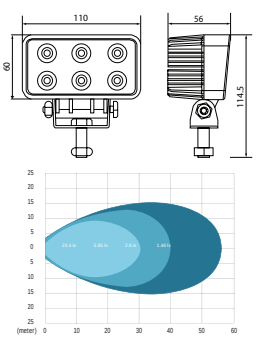
Voltage: 10-30
Watt: 9
Kelvin: 6000
Lumen: 600

Dim.: 60x110x56 mm

Bulb type: 3 LED
Colour: Black
Material/ bracket: Stainless steel
Material/dome: Polycarbonate
Material/house: Cast aluminum
Shape: Rectangular
Mount.: Cable
Tightness norm: IP 67
Approvals: CE

171946 LED Work Lamp



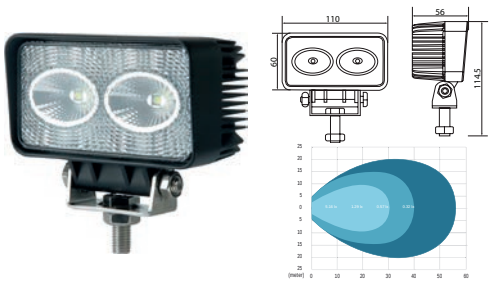
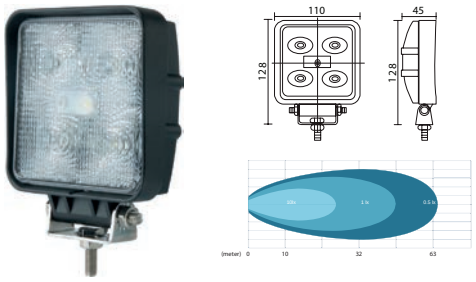
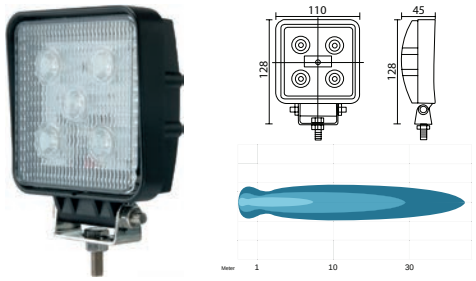
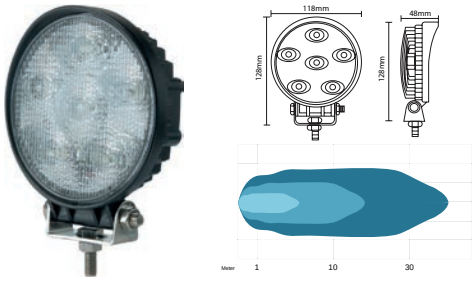
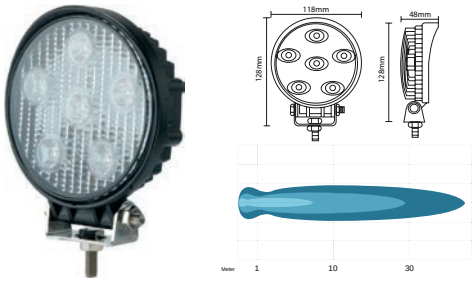
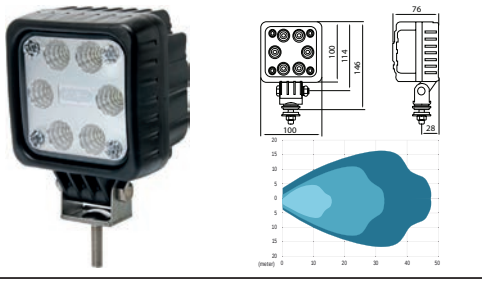


Voltage: 10-30
Watt: 18
Kelvin: 6000
Lumen: 1200

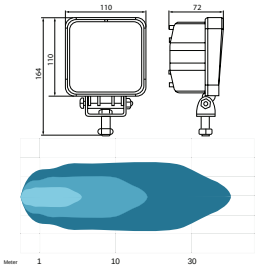
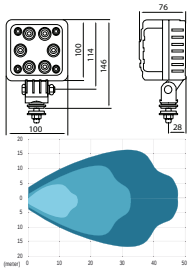
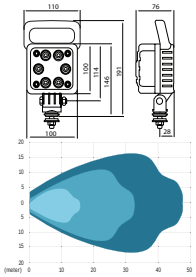
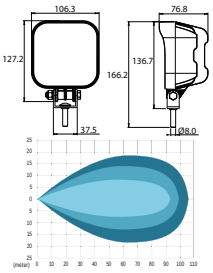
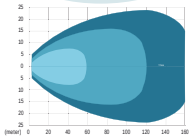
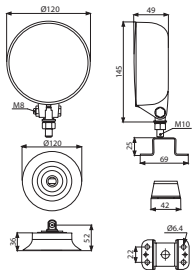
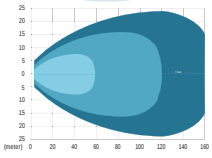
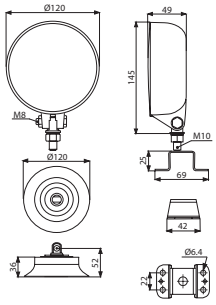
Dim.: 60x110x56 mm

Bulb type: 6 LED
Colour: Black
Material/ bracket: Stainless steel
Material/dome: Polycarbonate
Material/house: Cast aluminum
Shape: Rectangular
Mount.: Cable
Tightness norm: IP 67
Approvals: CE

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171947 LED Work Lamp			
	**Voltage:** 10-30 **Watt:** 20 **Kelvin:** 6000 **Lumen:** 1600	**Dim.:** 60x110x56 mm	**Bulb type:** 2 LED **Colour:** Black **Material/ bracket:** Stainless steel **Material/dome:** Polycarbonate **Material/house:** Cast aluminum **Shape:** Rectangular **Mount.:** Cable **Tightness norm:** IP 67 **Approvals:** CE
171948 LED Work Lamp			
	**Voltage:** 10-30 **Watt:** 15 **Kelvin:** 6000 **Lumen:** 1100	**Dim.:** 128x110x45 mm	**Bulb type:** 5 LED **Colour:** Black **Material/ bracket:** Stainless steel **Material/dome:** Polycarbonate **Material/house:** Cast aluminum **Shape:** Square **Mount.:** Cable **Tightness norm:** IP 67 **Approvals:** CE
171949 LED Work Lamp			
	**Voltage:** 10-30 **Watt:** 15 **Kelvin:** 6000 **Lumen:** 1100	**Dim.:** 128x110x45 mm	**Bulb type:** 5 LED **Colour:** Black **Material/ bracket:** Stainless steel **Material/dome:** Polycarbonate **Material/house:** Cast aluminum **Shape:** Square **Mount.:** Cable **Tightness norm:** IP 67 **Approvals:** CE
171950 LED Work Lamp			
	**Voltage:** 10-30 **Watt:** 18 **Kelvin:** 6000 **Lumen:** 1200	**Dim.:** 128x116x48 mm	**Bulb type:** 6 LED **Colour:** Black **Material/ bracket:** Stainless steel **Material/dome:** Polycarbonate **Material/house:** Cast aluminum **Shape:** Round **Mount.:** Cable **Tightness norm:** IP 67 **Approvals:** CE
171951 LED Work Lamp			
	**Voltage:** 10-30 **Watt:** 18 **Kelvin:** 6000 **Lumen:** 1200	**Dim.:** 128x116x48 mm	**Bulb type:** 6 LED **Colour:** Black **Material/ bracket:** Stainless steel **Material/dome:** Polycarbonate **Material/house:** Cast aluminum **Shape:** Round **Mount.:** Cable **Tightness norm:** IP 67 **Approvals:** CE
171955 LED Work Lamp			
Accessories: HC-CARGO 190252, 190261, 191029, 193010.			
	**Voltage:** 12-24 **Watt:** 24 **Kelvin:** 5000-7000 **Lumen:** 1500	**Dim.:** 100x100x76 mm	**Bulb type:** 6 LED **Inclination/downwards:** 80° **Inclination/upwards:** 90° **Inclination/sideways:** 180° **Colour:** Black **Material/dome:** Plastic **Material/house:** ABS plastic/aluminium **2 poles:** w/ **Tightness norm:** IP 68 **Approvals:** CE

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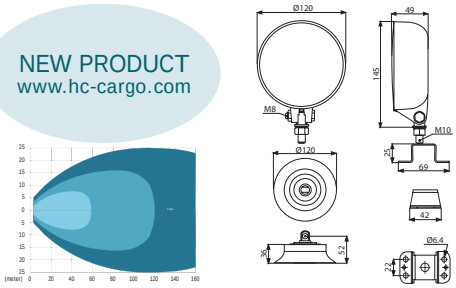
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
172001 LED Work Lamp			
 	**Voltage:** 10-80 **Watt:** 48 **Kelvin:** 6000 **Lumen:** 3500	**Dim.:** 164x110x72 mm	**Bulb type:** 16 LED **Colour:** Black **Material/ bracket:** Stainless steel **Material/dome:** Polycarbonate **Material/house:** Cast aluminum **Shape:** Square **Mount.:** Cable **2 poles:** w/ **Tightness norm:** IP 67 **Approvals:** CE/EMC
172003 LED Work Lamp			
 	**Voltage:** 12-24 **Watt:** 24 **Kelvin:** 5000-7000 **Lumen:** 1500	**Dim.:** 100x100x76 mm **Cable length:** 500 mm	**Bulb type:** 6 LED **Inclination/downwards:** 80° **Inclination/upwards:** 90° **Inclination/sideways:** 180° **Colour:** Black **Material/dome:** Plastic **Material/house:** ABS plastic/aluminium **Switch:** w/ **Tightness norm:** IP 68 **Approvals:** CE
172004 LED Work Lamp			
 	**Voltage:** 12-24 **Watt:** 24 **Kelvin:** 5000-7000 **Lumen:** 1500	**Dim.:** 205x110x76 mm **Cable length:** 500 mm	**Bulb type:** 6 LED **Inclination/downwards:** 80° **Inclination/upwards:** 90° **Inclination/sideways:** 180° **Colour:** Black **Material/dome:** Plastic **Material/house:** ABS plastic/aluminium **Switch:** w/ **Handle:** w/ **Tightness norm:** IP 68 **Approvals:** CE
172010 LED Work Lamp			
280 mm cable.			
 	**Voltage:** 12-36 **Watt:** 40 **Lumen:** 3200	**Dim.:** 127.2x106.3x76.8 mm	**Bulb type:** LED **Colour:** Black **Material/house:** Aluminium **Model:** 4 LED **Shape:** Square **Mount. bracket:** U-bracket w/ 1 bolt **Tightness norm:** IP 69K **Approvals:** CE/EMC
172017 LED Work Lamp			
NEW PRODUCT www.hc-cargo.com  	**Voltage:** 12-24 **Watt:** 34 **Lumen:** 2600	**Dim.:** 145x120x49 mm	**Bulb type:** 12 LED **Material/house:** Aluminium **Model:** 12 LED **Magnet base:** w/ **Tightness norm:** IP 69K **Approvals:** EMC/ADR/GGVS
172018 LED Work Lamp			
NEW PRODUCT www.hc-cargo.com  	**Voltage:** 12-24 **Watt:** 34 **Lumen:** 2600	**Dim.:** 145x120x49 mm	**Material/house:** Aluminium **Model:** 12 LED **Tightness norm:** IP 69K **Approvals:** EMC/ADR/GGVS

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

172019 LED Work Lamp

NEW PRODUCT
www.hc-cargo.com



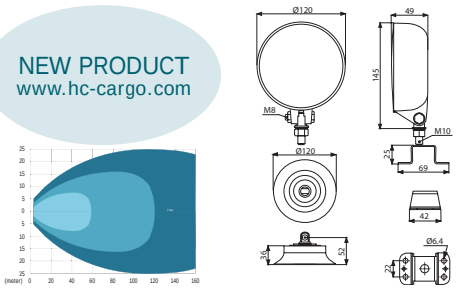
Voltage: 12-24
Watt: 40
Lumen: 4000

Dim.: 145x120x49 mm

Material/house: Aluminium
Model: 12 LED
Tightness norm: IP 69K
Approvals: EMC/ADR/GGVS

172020 LED Work Lamp

NEW PRODUCT
www.hc-cargo.com



Voltage: 12-24
Watt: 40
Lumen: 4000

Dim.: 145x120x49 mm

Material/house: Aluminium
Model: 12 LED
Magnet base: w/
Tightness norm: IP 69K
Approvals: EMC/ADR/GGVS

172031 LED Work Lamp



Voltage: 10-80
Watt: 24
Kelvin: 6000
Lumen: 1920

Dim.: 140x95x70 mm
Cable length: 400 mm

Bulb type: 8 LED
Material/dome: Acrylic
Material/house: Cast aluminum
Shape: Oval
2 poles: w/
Tightness norm: IP 69K
Approvals: CE

172032 LED Work Lamp

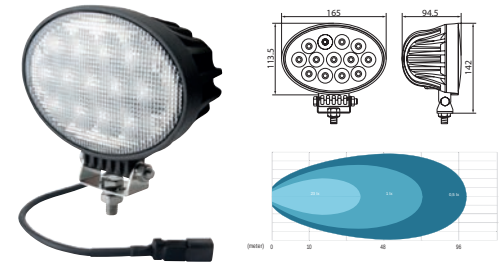


Voltage: 10-80
Watt: 36
Kelvin: 6000
Lumen: 2880

Dim.: 140x95x70 mm
Cable length: 400 mm

Bulb type: 12 LED
Material/dome: Acrylic
Material/house: Cast aluminum
Shape: Oval
2 poles: w/
Tightness norm: IP 69K
Approvals: CE

172045 LED Work Lamp

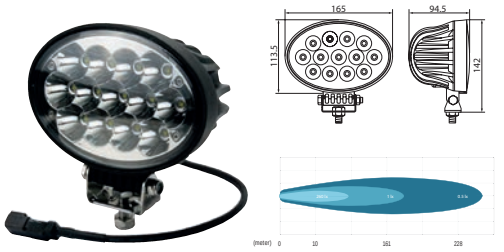


Voltage: 10-80
Watt: 65
Kelvin: 6000
Lumen: 5850

Dim.: 165x142x94.5 mm

Bulb type: 13 LED
Colour: Black
Material/ bracket: Stainless steel
Material/dome: Polycarbonate
Material/house: Aluminium
Shape: Oval
2 poles: w/
Tightness norm: IP 69K
Approvals: CE

172046 LED Work Lamp



Voltage: 10-80
Watt: 65
Kelvin: 6000
Lumen: 5850

Dim.: 165x142x94.5 mm

Bulb type: 13 LED
Colour: Black
Material/ bracket: Stainless steel
Material/dome: Polycarbonate
Material/house: Aluminium
Shape: Oval
2 poles: w/
Tightness norm: IP 69K
Approvals: CE

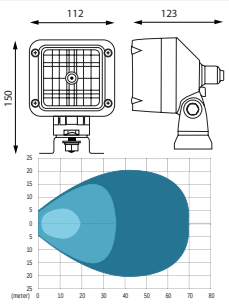
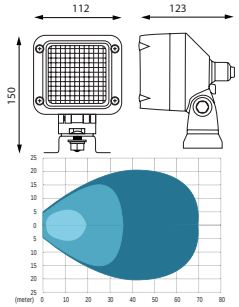
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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
172055 LED Work Lamp			
NEW PRODUCT www.hc-cargo.com	**Voltage:** 10-80 **Amp:** 0.83/0.42 **Watt:** 10 **Kelvin:** 6000 **Lumen:** 900	**Cable length:** 500 mm	**Bulb type:** LED **Material/ bracket:** Stainless steel **Material/dome:** Polycarbonate **Material/house:** Cast aluminum **Mount. bracket:** U-bracket w/ 1 bolt **2 poles:** w/ **Tightness norm:** IP 69K **Approvals:** CE
172056 LED Work Lamp			
NEW PRODUCT www.hc-cargo.com	**Voltage:** 10-80 **Amp:** 0.83/0.42 **Watt:** 10 **Kelvin:** 6000 **Lumen:** 900	**Cable length:** 500 mm	**Bulb type:** LED **Material/ bracket:** Stainless steel **Material/dome:** Polycarbonate **Material/house:** Cast aluminum **Mount. bracket:** U-bracket w/ 1 bolt **2 poles:** w/ **Tightness norm:** IP 69K **Approvals:** CE

ACCESSORIES

172005 Bracket	**Servicing:** HC-CARGO 171955, 172003, 172004		
		**Dim.:** 59x37 mm **Mount. hole size:** 24 mm	**Material:** Plastic Standard ISO A - Rod
172008 Handle for LED Work Lamp	**Servicing:** HC-CARGO: 171948, 171949, 171950, 171951, 172001		
			**Colour:** Black **Material/ bracket:** Aluminium **Mount. bracket:** 2 screws

WORK LAMPS HID

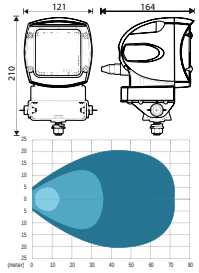
171594 HID Work Lamp			
Bulb: HC-CARGO 171595.			
 	**Bulb incl.:** Yes **Voltage:** 12	**Dim.:** 112x150x123 mm **Light aperture:** 73x73 mm	**Bulb type:** H3 **Colour:** Black **Material/dome:** Glass **Material/house:** Shockproof plastic **Shape:** Square **Switch:** w/o **Ballast:** External **Mount. bracket:** Mounting bracket **Magnet base:** w/o **Handle:** w/o **2 poles:** w/ **Tightness norm:** IP 65
171611 HID Work Lamp			
Bulb: HC-CARGO 171595.			
 	**Bulb incl.:** Yes **Voltage:** 24	**Dim.:** 112x150x123 mm **Light aperture:** 73x73 mm	**Bulb type:** H3 **Colour:** Black **Material/dome:** Glass **Material/house:** Shockproof plastic **Model:** HID **Shape:** Square **Switch:** w/o **Ballast:** External **Mount. bracket:** Mounting bracket **Magnet base:** w/o **Handle:** w/o **2 poles:** w/ **Tightness norm:** IP 65

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171615 HID Work Lamp





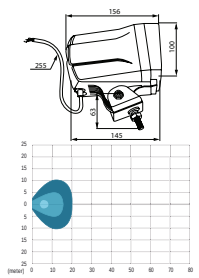
Bulb incl.: Yes
Voltage: 12
Watt: 35

Dim.: 210x164x121 mm
Light aperture: 73x73 mm

Bulb type: D1S
Socket type: PK32d-2
Colour: Black
Material/dome: Glass
Material/house: Shockproof plastic
Reflector system: Single
Shape: Square
Switch: w/o
Mount. bracket: Mounting bracket
Magnet base: w/o
Handle: w/o
Tightness norm: IP 65

171625 HID Work Lamp





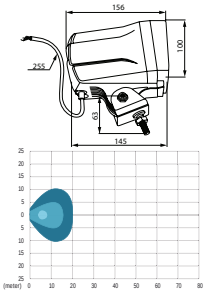
Bulb incl.: Yes
Voltage: 12
Watt: 35

Dim.: 156x100 mm
Light aperture: 75 mm

Bulb type: D2S
Socket type: PK32d-2
Colour: Black
Material/dome: Glass
Material/house: Aluminium
Reflector system: Single
Shape: Square
Switch: w/o
Mount. bracket: U-bracket w/ 1 bolt
Magnet base: w/o
Handle: w/o
2 poles: w/o

171626 HID Work Lamp





Bulb incl.: Yes
Voltage: 24
Watt: 35

Dim.: 156x100 mm
Light aperture: 75 mm

Bulb type: D2S
Socket type: PK32d-3
Colour: Black
Material/dome: Glass
Material/house: Aluminium
Reflector system: Single
Shape: Square
Mount.: Single bolt fixing
Switch: w/o
Mount. bracket: Mounting bracket
Magnet base: w/o
Handle: w/o
2 poles: w/o

SPARE PARTS

171595 Xenon Bulb

Servicing: HC-CARGO 171594

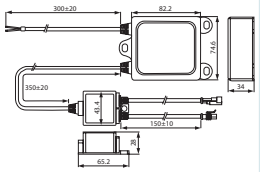


Bulb type: Xenon, H3

171612 Ballast

Servicing: HC-CARGO 171611





Voltage: 24

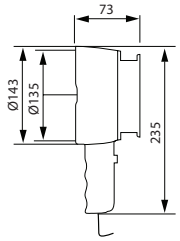
Model: HID

SPOT LIGHTS

170293 Spot Light

Hand-held.



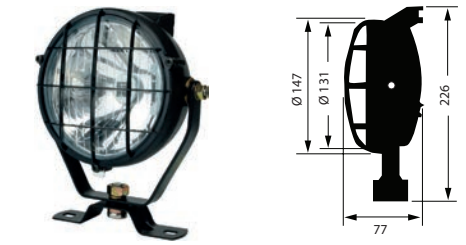
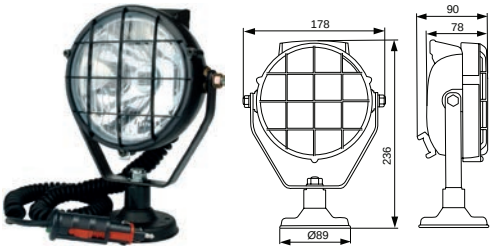


Bulb incl.: Yes
Voltage: 12
Watt: 55

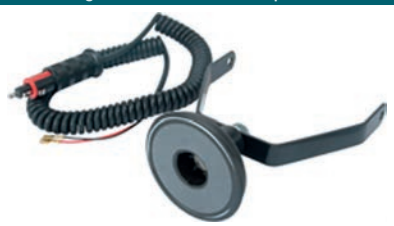
Dim.: 235x73 mm
Cable length: 6000 mm
Connection cable: w/
Light aperture: 120 mm

Type: Halogen
Bulb type: H3
Socket type: PK22s
Colour: Black
Material/house: Shockproof plastic
Shape: Round
Switch: w/
Protective cover: w/
Lighter plug incl.: Yes
Connection cable: w/

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170564 Spot Light			
	**Bulb incl.:** No	**Dim.:** 226x77 mm **Light aperture:** 131 mm	**Bulb type:** H3 **Socket type:** PK22s **Inclination/sideways:** Yes **Colour:** Black **Material/dome:** Glass **Material/house:** Shockproof plastic **Switch:** w/ **Grill:** w/ **Handle:** w/
171375 Spot Light			
	**Bulb incl.:** No	**Dim.:** 178x236x90 mm **Coiled cable:** 2000 mm **Light aperture:** 130 mm	**Bulb type:** H3 **Socket type:** PK22s **Colour:** Black **Material/dome:** Glass **Material/house:** Metal **Shape:** Round **Switch:** w/ **Mount. bracket:** Mounting bracket **Grill:** w/ **Magnet base:** w/ **Lighter plug incl.:** Yes **Handle:** w/ **Coiled cable incl.:** Yes
171464 Spot Light			
Remote controlled by EU approved radio controller. Frequency 433.92 MHZ. Reach up to 100 m. Incl. 9 V battery. Battery: HC-CARGO 200742, 200769.			
	**Bulb incl.:** Yes **Voltage:** 12 **Watt:** 55	**OD:** 135 mm **Height:** 250 mm **Width:** 135 mm	**Bulb type:** H1 **Lens type:** Polycarbonate **Mount.:** Standard ISO A - Rod **Base:** Rigid **Hi impact:** Yes **Tightness norm:** IP 55 **Approval:** CE
171466 Spot Light			
Remote controlled by EU approved radio controller. Frequency 433.92 MHZ. Reach up to 100 m. Incl. 9 V battery. Battery: HC-CARGO 200742, 200769.			
	**Bulb incl.:** Yes **Voltage:** 12 **Watt:** 55	**OD:** 160 mm **Height:** 194 mm **Width:** 165 mm	**Bulb type:** H1 **Lens type:** Polycarbonate **Mount.:** Standard ISO B2 (and B1) - Base **Hi impact:** Yes **Tightness norm:** IP 55

ACCESSORIES

170653 Beacon Socket	**Servicing:** HC-CARGO 170650, 170651, 171466		
		**Cable length:** 2000 mm **Height:** 30 mm **Width:** 168 mm	**Mount.:** 3 magnets **Base:** Magnetic **Coiled cable incl.:** Yes **Tightness norm:** IP 55 **E-approval:** Yes
171936 Magnetic base for Lamps	**Servicing:** HC-CARGO 170534		
		**Coiled cable:** 2000 mm	**Colour:** Black **Mount.:** Magnetic **Mount. bracket:** U-bracket w/ 2 holes **Magnet base:** w/ **Lighter plug incl.:** Yes **Coiled cable incl.:** Yes

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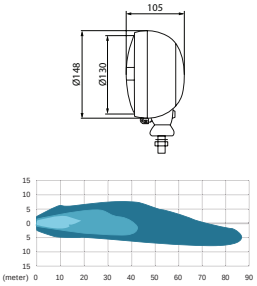
FORWARD LIGHTING

TRACTOR HEAD LAMPS

170132 Head Lamp

Light unit: HC-CARGO 170239.





Bulb incl.: No
Watt: 45/40
Watt 2: 55/50
Watt 3: 4

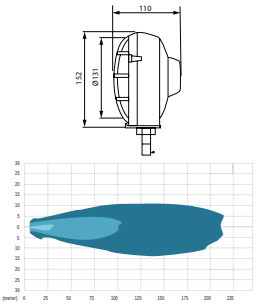
Dim.: 148x105 mm
Light aperture: 130 mm

Socket type 1: P45t
Socket type 2: P45t
Socket type 3: BA9s
Colour: Black
Material: Metal
Material/dome: Glass
Shape: Round
Mount.: 1 bolt
Sidemarker: w/
Grill: w/o
Asymmetric light: w/
RH/LH: LH
E-approval: Yes

170310 Head Lamp

For upright fixing.





Bulb incl.: No
Watt: 45/40
Watt 2: 55/50
Watt 3: 4

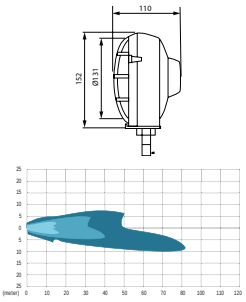
Dim.: 152x110 mm
Light aperture: 131 mm

Bulb type 1: H4
Bulb type 2: H4
Socket type 1: P45t
Socket type 2: P45t
Socket type 3: BA9s
Colour: Black
Material: Plastic
Material/dome: Glass
Shape: Round
Mount.: 1 bolt
Sidemarker: w/
Grill: w/
Asymmetric light: w/
RH/LH: LH
E-approval: Yes

170311 Head Lamp

Horizontal fixing.





Bulb incl.: No
Watt 1: 45/40
Watt 2: 55/50
Watt 3: 4

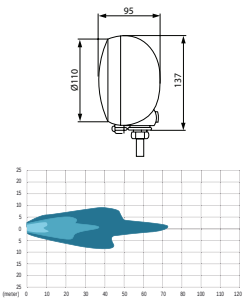
Dim.: 152x110 mm
Light aperture: 131 mm

Bulb type 1: H4
Bulb type 2: H4
Socket type 1: P45t
Socket type 2: P45t
Socket type 3: BA9s
Colour: Black
Material: Plastic
Material/dome: Glass
Shape: Round
Mount.: 1 bolt
Sidemarker: w/
Grill: w/
Asymmetric light: w/
RH/LH: LH
E-approval: Yes

170843 Head Lamp

Light unit: HC-CARGO 170844.



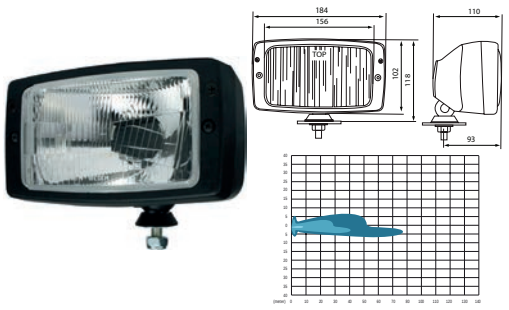
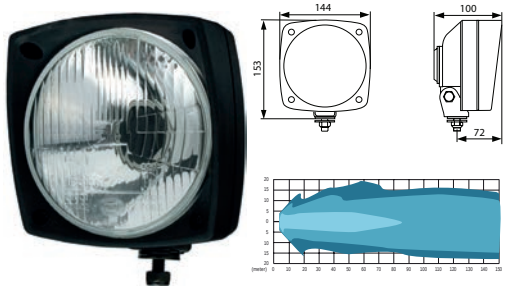
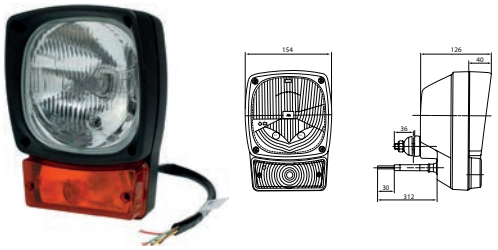
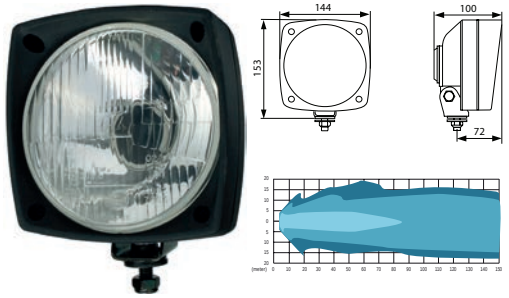
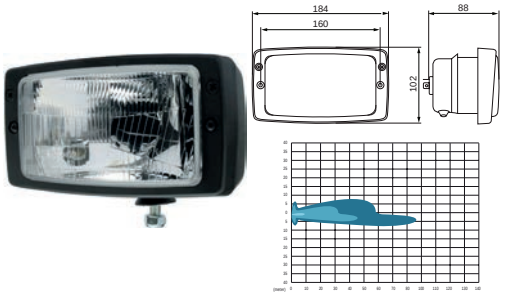


Bulb incl.: No
Watt 1: 45/40
Watt 2: 55/50
Watt 3: 4

Dim.: 137x95 mm
Light aperture: 110 mm

Socket type 1: BA20d
Socket type 2: BA20d
Socket type 3: BA9s
Colour: Black
Material: Metal
Material/dome: Glass
Shape: Round
Mount.: 1 bolt
Sidemarker: w/
Grill: w/o
Asymmetric light: w/o
RH/LH: RH/LH
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170865 Head Lamp	**Servicing:** Zetor: Model 2002, Proxima, Forterra, Super, Super Eko, Classic Eko		
	**Bulb incl.:** No **Watt 1:** 60/55 **Watt 2:** 75/70	**Dim.:** 184x118x110 mm **Light aperture:** 156 mm	**Bulb type 1:** H4 **Bulb type 2:** H4 **Socket type 1:** P43t **Socket type 2:** P43t **Colour:** Black **Material:** Shockproof plastic **Material/dome:** Glass **Shape:** Rectangular **Mount.:** Horizontal **Asymmetric light:** w/ **RH/LH:** LH **E-approval:** Yes
170974 Head Lamp			
	**Bulb incl.:** No **Watt 1:** 60/65 **Watt 2:** 75/70	**Dim.:** 144x153x100 mm **Light aperture:** 110 mm	**Bulb type 1:** H4 **Bulb type 2:** H4 **Socket type 1:** P43t **Socket type 2:** P43t **Colour:** Black **Material:** Shockproof plastic **Material/dome:** Glass **Shape:** Rectangular **Mount.:** Horizontal/vertical **Asymmetric light:** w/ **RH/LH:** LH **E-approval:** Yes
171006 Head Lamp			
Light unit: HC-CARGO 171007.			
	**Bulb incl.:** Yes 12 V **Watt 1:** 60/55 **Watt 2:** 75/70	**Dim.:** 208x154x126 mm **Light aperture:** 142 mm	**Bulb type 1:** H4 **Bulb type 2:** H4 **Socket type 1:** P43t **Socket type 2:** P43t **Colour:** Black **Material:** Shockproof plastic **Material/dome:** Glass **Shape:** Rectangular **Mount.:** Horizontal/vertical **Flasher light:** w/ **Sidemarker:** w/ **Asymmetric light:** w/ **RH/LH:** RH/LH **E-approval:** Yes
171038 Head Lamp			
	**Bulb incl. 1:** No **Watt:** 60/65 **Watt 2:** 75/70 **Watt 3:** 4	**Dim.:** 144x153x100 mm **Light aperture:** 110 mm	**Bulb type 1:** H4 **Bulb type 2:** H4 **Socket type 1:** P43t **Socket type 2:** P43t **Socket type 3:** BA9s **Colour:** Black **Material:** Shockproof plastic **Material/dome:** Glass **Shape:** Rectangular **Mount.:** Horizontal/vertical **Sidemarker:** w/ **Asymmetric light:** w/ **RH/LH:** LH **E-approval:** Yes
171565 Head Lamp			
	**Bulb incl. 1:** No **Watt:** 60/55 **Watt 2:** 75/70 **Watt 3:** 4	**Dim.:** 184x102x88 mm **Light aperture:** 160 mm	**Bulb type 1:** H4 **Bulb type 2:** H4 **Socket type 1:** P43t **Socket type 2:** P43t **Socket type 3:** BA9s **Colour:** Black **Material:** Shockproof plastic **Material/dome:** Glass **Shape:** Square **Mount.:** Horizontal/vertical **Sidemarker:** w/ **Asymmetric light:** w/ **RH/LH:** RH/LH **E-approval:** Yes

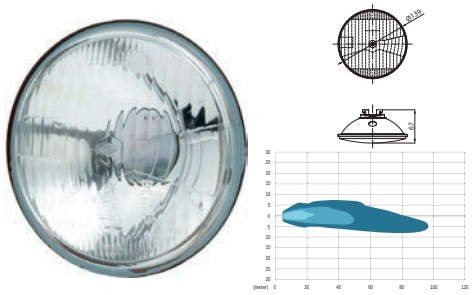
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

SPARE PARTS

170239 Light Unit

Servicing: HC-CARGO 170132



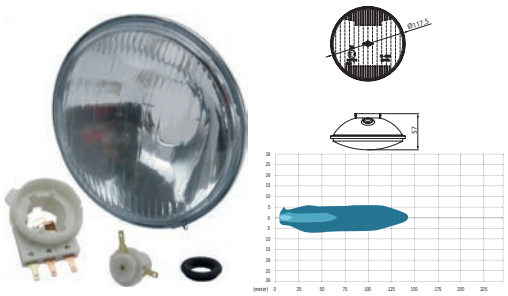
Bulb incl.: No
Watt 1: 45/40
Watt 2: 55/50
Watt 3: 4

Dim.: 139x67 mm
Light aperture: 130 mm

Socket type 1: P45t
Socket type 2: P45t
Socket type 3: BA9s
Material: Glass
Shape: Round
Sidemarker: w/
Asymmetric light: w/
RH/LH: LH
E-approval: Yes

170844 Light Unit

Servicing: HC-CARGO 170843



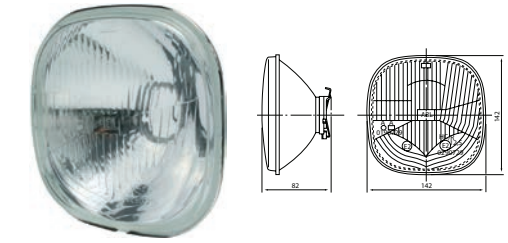
Bulb incl.: No
Watt 1: 45/40
Watt 2: 55/50
Watt 3: 4

Dim.: 117.5x57 mm
Light aperture: 110 mm

Socket type 1: BA20d
Socket type 2: BA20d
Socket type 3: BA9s
Shape: Round
Asymmetric light: w/

171007 Light Unit

Servicing: HC-CARGO 171006, 170926



Bulb incl.: No
Watt 1: 60/55
Watt 2: 75/70

Dim.: 142x142x82 mm
Light aperture: 142 mm

Bulb type 1: H4
Bulb type 2: H4
Socket type 1: P43t
Socket type 2: P43t
Material: Glass
Shape: Square
Asymmetric light: w/
E-approval: Yes

171008 Lens

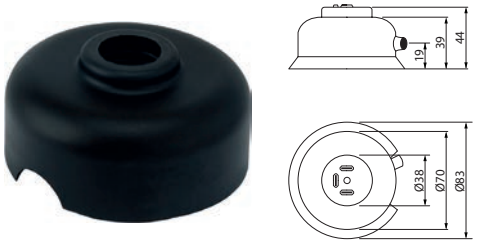
Servicing: HC-CARGO 171006, 170926



Colour: Orange

171937 Bulb Gasket

Servicing: HC-CARGO 170865



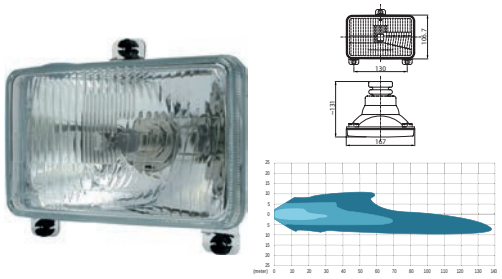
OD: 83 mm

Material: Rubber

HEADLIGHT INSERTS

170690 Light Unit

Servicing: Chrysler, Fendt, Ford, GM, IH/Case, Isuzu, John Deere, Mazda



Bulb incl.: No
Watt 1: 60/55
Watt 2: 75/70

Dim.: 167x106.7 mm
Dist. mount. holes: 130x110 mm

Bulb type: H4
Bulb type 2: H4
Socket type: P43t
Socket type 2: P43t
Material: Metal
Material/dome: Glass
Shape: Rectangular
Fixing screw: 3
Asymmetric light: w/
RH/LH: LH
E-approval: Yes

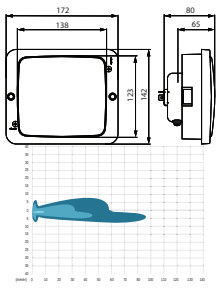
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

170867 Head Lamp

Heat resistant plastic reflector bonded w/ glass lens. Flush fitting head lA. Build-in depth: 69 mm.





Bulb incl.: No
Watt 1: 60/55
Watt 2: 75/70
Watt 3: 4

Dim.: 172x142x80 mm

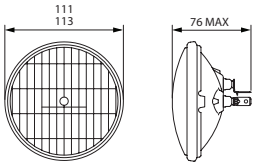
Bulb type 1: H4
Bulb type 2: H4
Socket type 1: P43t
Socket type 2: P43t
Socket type 3: BA9s
Material: Metal
Material/dome: Glass
Fixing screw: 2
Sidemarker: w/
E-approval: Yes

SEALED BEAMS

4440X Sealed Beam

Servicing: Ford





Bulb incl.: Yes
12 V
Voltage: 12
Watt: 40/40

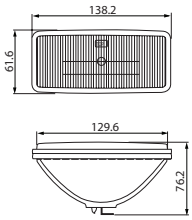
Dim.: 113x76 mm

E-approval: No

H4360 Sealed Beam

Servicing: John Deere lawn equipment w/ cooling engine





Bulb incl.: Yes
12 V
Voltage: 12
Watt: 37.5

Dim.:
138.2x61.6x76.2 mm

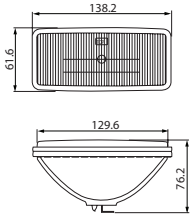
E-approval: No

H5360 Sealed Beam

Servicing: John Deere

Longlife.





Bulb incl.: Yes
12 V
Voltage: 12
Watt: 37.5

Dim.:
138.2x61.6x76.2 mm

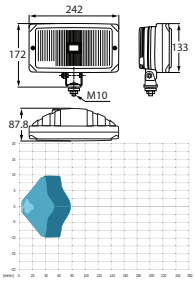
E-approval: No

FOG LAMPS

170616 Fog Lamp

Light unit: HC-CARGO 170622.





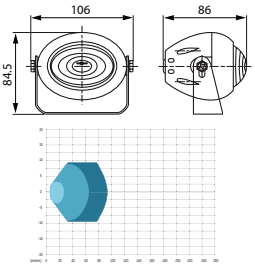
Bulb incl.: No
Watt 1: 55
Watt 2: 70

Dim.: 242x172x87.8 mm
Light aperture:
240x170 mm

Type: Fog light
Bulb type 1: H3
Bulb type 2: H3
Socket type 1: PK22s
Socket type 2: PKY22s
Colour: Yellow
Material: Metal
Material/dome: Glass
Shape: Rectangular
Mount.: Upright/pendant
E-approval: Yes

171360 Fog Lamp





Bulb incl.: No
Watt 1: 55
Watt 2: 70

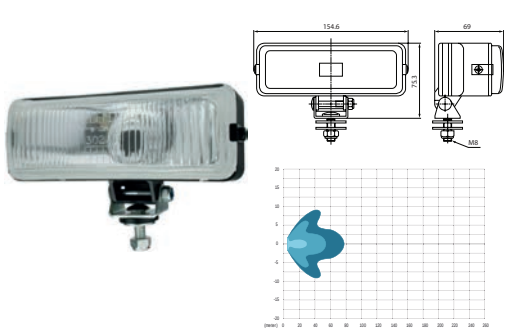
Dim.: 106x84.5x86 mm
Light aperture:
55x35 mm

Type: Fog light
Bulb type 1: H3
Bulb type 2: H3
Socket type 1: PK22s
Socket type 2: PK22s
Material: Shockproof plastic
Material/dome: Glass
Shape: Oval
Mount.: U-bracket w/ 2 holes
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171362 Fog Lamp

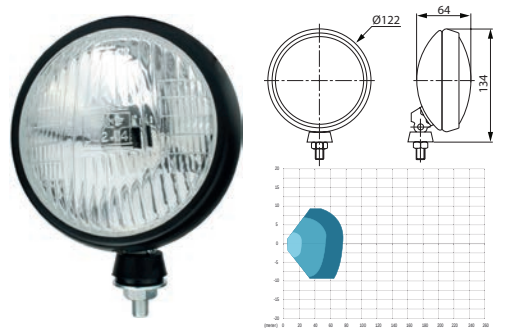


Bulb incl.: No
Watt 1: 55
Watt 2: 70

Dim.:
154.6x75.3x69 mm
Light aperture:
130x35 mm

Type: Fog light
Bulb type 1: H3
Bulb type 2: H3
Socket type 1: PK22s
Socket type 2: PK22s
Material: Shockproof plastic
Material/dome: Glass
Shape: Rectangular
Mount.: U-bracket w/ 1 bolt
E-approval: No

171364 Fog Lamp



Bulb incl.: No
Voltage: 12/24
Watt 1: 55/70
Watt 2: 55
Watt 3: 70

Dim.: 122x134x64 mm
Light aperture: 95 mm

Type: Fog light
Bulb type 1: H3
Bulb type 2: H3
Socket type 1: PK22s
Socket type 2: PK22s
Colour: Black
Material: Metal
Material/dome: Glass
Shape: Round
Mount.: Mounted below
E-approval: No

171366 Fog Lamp

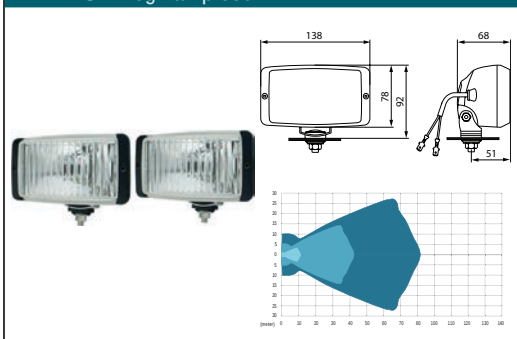


Bulb incl.: No
Watt: 55
Watt 2: 70

Dim.: 156x105x56 mm
Light aperture:
110x75 mm

Type: Fog light
Bulb type: H3
Bulb type 2: H3
Socket type: PK22s
Socket type 2: PK22s
Colour: Black
Material: Metal
Material/dome: Glass
Shape: Rectangular
Mount.: Mounted below
E-approval: Yes

171452 Fog Lamp Set



Bulb incl.: Yes
Voltage: 12
Watt: 55

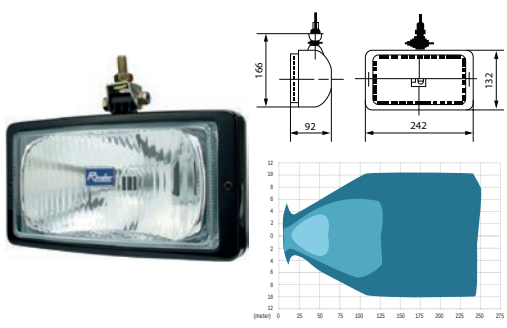
Dim.: 138x78x68 mm
Light aperture:
110x60 mm

Type: Fog light
Bulb type: H3
Socket type: PK22s
Material: Shockproof plastic
Material/dome: Glass
Shape: Rectangular
Mount.: Screw
Bracket: Pendant
E-approval: Yes

DRIVING LAMP

170550 Driving Lamp

Light unit: HC-CARGO 170621.

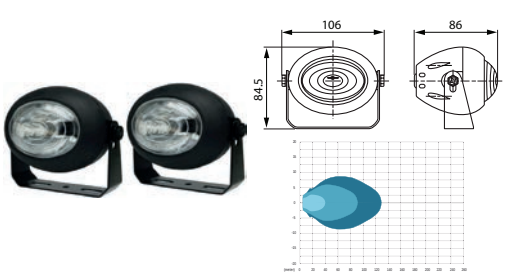
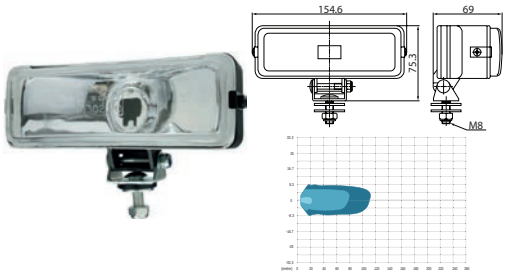
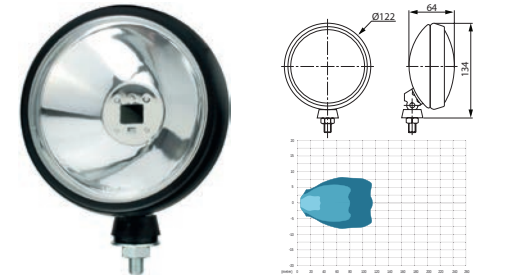
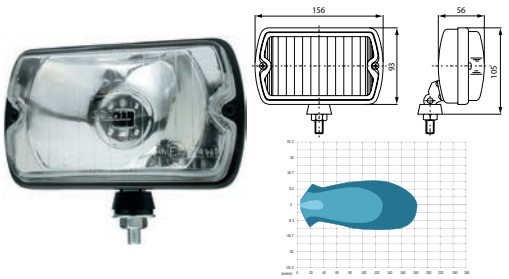
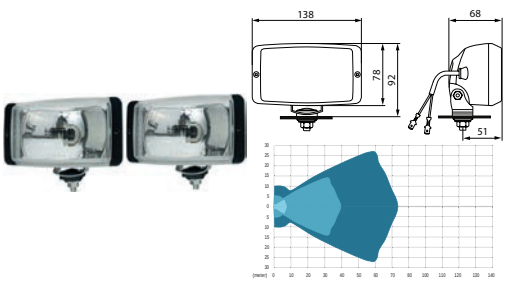


Bulb incl.: No
Watt 1: 55/70
Watt 2: 55
Watt 3: 70

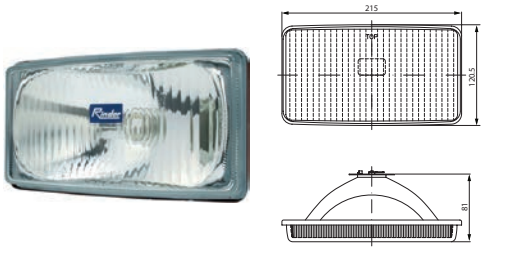
Dim.: 242x166x92 mm
Light aperture:
200x107 mm

Type: Driving lamp
Bulb type 1: H3
Bulb type 2: H3
Socket type 1: PK22s
Socket type 2: PK22s
Colour: Black
Material: Metal
Material/dome: Glass
Shape: Rectangular
Mount.: Mounted below
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171359 Driving Lamp			
	**Bulb incl.:** No **Watt 1:** 55 **Watt 2:** 70	**Dim.:** 106x84.5x86 mm **Light aperture:** 55x35 mm	**Type:** Driving lamp **Bulb type 1:** H3 **Bulb type 2:** H3 **Socket type 1:** PK22s **Socket type 2:** PK22s **Material:** Shockproof plastic **Material/dome:** Glass **Shape:** Oval **Mount.:** U-bracket w/ 2 holes **Asymmetric light:** w/o **E-approval:** No
171361 Driving Lamp			
	**Bulb incl.:** No **Watt 1:** 55 **Watt 2:** 70	**Dim.:** 154.6x75.3x69 mm **Light aperture:** 130x35 mm	**Type:** Driving lamp **Bulb type 1:** H3 **Bulb type 2:** H3 **Socket type 1:** PK22s **Socket type 2:** PK22s **Material:** Shockproof plastic **Material/dome:** Glass **Shape:** Rectangular **Mount.:** U-bracket w/ 1 bolt **E-approval:** No
171363 Driving Lamp			
	**Bulb incl.:** No **Voltage:** 12/24 **Watt 1:** 55 **Watt 2:** 70	**Dim.:** 122x134x64 mm **Light aperture:** 95 mm	**Type:** Driving lamp **Bulb type 1:** H3 **Bulb type 2:** H3 **Socket type 1:** PK22s **Socket type 2:** PK22s **Colour:** Black **Material:** Metal **Material/dome:** Glass **Shape:** Round **Mount.:** Mounted below **E-approval:** No
171365 Driving Lamp			
	**Bulb incl.:** No **Watt 1:** 55 **Watt 2:** 70	**Dim.:** 156x105x56 mm **Light aperture:** 110x75 mm	**Type:** Driving lamp **Bulb type 1:** H3 **Bulb type 2:** H3 **Socket type 1:** PK22s **Socket type 2:** PK22s **Colour:** Black **Material:** Metal **Material/dome:** Glass **Shape:** Rectangular **Mount.:** Mounted below **E-approval:** Yes
171451 Set of Driving Lamps			
	**Bulb incl.:** Yes **Voltage:** 12 **Watt:** 55	**Dim.:** 138x78x68 mm **Light aperture:** 110x60 mm	**Type:** Driving lamp **Bulb type:** H3 **Socket type:** PK22s **Material:** Shockproof plastic **Material/dome:** Glass **Shape:** Rectangular **Mount.:** 1 bolt **Bracket:** Pendant **E-approval:** Yes

SPARE PARTS

170621 Light Unit	**Servicing:** HC-CARGO 170550		
	**Bulb incl.:** No **Watt:** 55 **Watt 2:** 70	**Dim.:** 215x120.5x81 mm **Light aperture:** 200x107 mm	**Bulb type 1:** H3 **Bulb type 2:** H3 **Socket type:** PK22s **Socket type 2:** PK22s **Colour:** Black **Material:** Metal **Material/dome:** Glass **Shape:** Rectangular **Asymmetric light:** w/o **E-approval:** Yes

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

DRIVING LAMP LED

172059 LED Driving Lamp

NEW PRODUCT
www.hc-cargo.com

Voltage: 10-30
Watt: 60

Dim.: 222x177.8x79 mm

Type: LED Driving lamp
Material: Cast aluminum
Material/dome: Polycarbonate
Shape: Round
Tightness norm: IP 67
Approvals: CE
E-approval: Yes

172060 LED Driving Lamp

NEW PRODUCT
www.hc-cargo.com

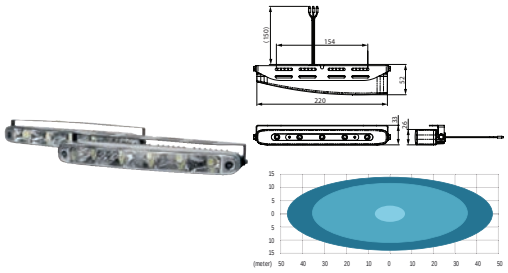
Voltage: 9-36
Watt: 18

Dim.:
246.5x237x95.9 mm
Cable length: 300 mm

Type: LED Driving lamp
Material: Aluminium
Material/dome: Polycarbonate
Shape: Round
Tightness norm: IP 69K
Approvals: CE
E-approval: Yes

LED DAYTIME RUNNING LIGHT SETS

171740 Daytime Running Light



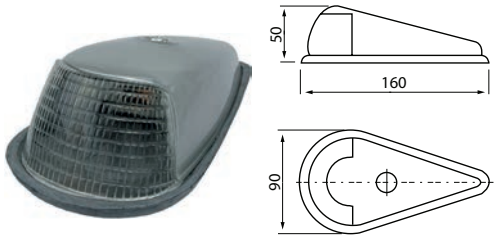
Voltage: 12/24
Watt: 2x5

Dim.: 220x33x26 mm
Cable length: 500 mm
Dist. mount. holes:
215 mm

Type: LED
Material: ABS plastic
Material/dome: PMMA
Shape: Rectangular
Mount.: Bracket
Bracket: Adjustable
No./lamps: 2
Fixing screw: 4
No./LEDs: 2x5
E-approval: Yes

POSITION LAMPS CONVENTIONAL

170875 Position Lamp



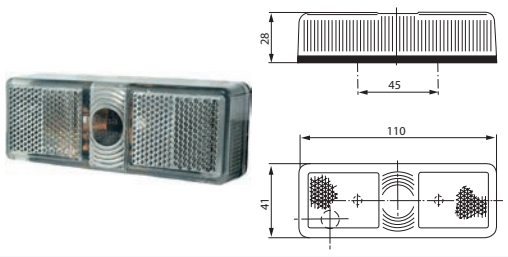
Voltage: 12/24
Watt: 5

Dim.: 160x59x45 mm
Dist. mount. holes:
57 mm

Colour/glass: White
Material: Plastic
Fixing screw: 2

170881 Position Lamp

Lens: HC-CARGO 170976.



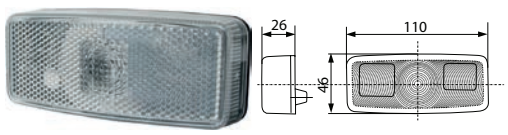
Watt: 5

Dim.: 110x41x28 mm
Dist. mount. holes:
45 mm

Socket type: S8.5
Colour/glass: White
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Sidemarker lamp: w/
Tail light: w/
E-approval: Yes

170887 Position Lamp

Lens: HC-CARGO 170952.



Watt: 5

Dim.: 110x46x26 mm
Dist. mount. holes:
85 mm

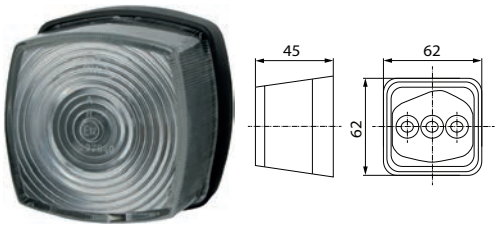
Socket type: T10
Colour/glass: White
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Sidemarker lamp: w/
Tail light: w/
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171171 Position Lamp

Lens: HC-CARGO 171238.

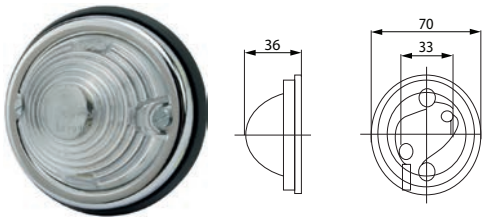


Watt: 5

Dim.: 62x62x45 mm
Dist. mount. holes: 30 mm

Socket type: S8.5
Colour: Black
Colour/glass: Transparent
Material: Shockproof plastic
Fixing screw: 2
E-approval: Yes

171179 Position Lamp

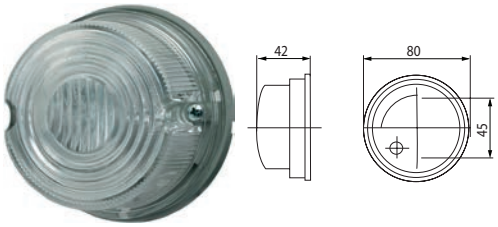


Watt: 5

Dim.: 70x36 mm
Dist. mount. holes: 33 mm

Type: Position lamp
Socket type: S8.5
Colour/glass: White
Material: Steel
Shape: Circular
Fixing screw: 2
E-approval: Yes

171182 Position Lamp

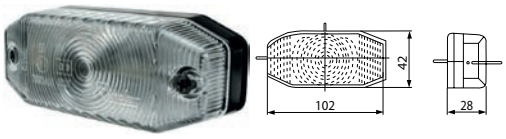


Watt: 5

Dim.: 80x42 mm
Dist. mount. holes: 45 mm

Position lamp**Socket type:** S8.5
Colour/glass: White
Material: Shockproof plastic
Shape: Circular
Fixing screw: 2
E-approval: Yes

171332 Position Lamp

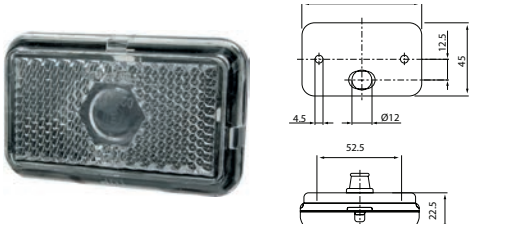


Watt: 5

Dim.: 102x42x28 mm
Dist. mount. holes: 65 mm

Socket type: S8.5
Colour: Black
Colour/glass: White
Material: Plastic
Fixing screw: 2
E-approval: Yes

171493 Position Lamp



Watt: 5

Dim.: 74x45x22.5 mm
Dist. mount. holes: 52 mm

Socket type: S8.5
Colour: Black
Colour/glass: White
Material: Plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
E-approval: Yes

SPARE PARTS

170952 Lens

Servicing: HC-CARGO 170887

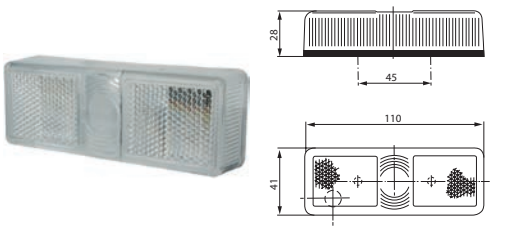


Dim.: 110x46x26 mm

Shape: Rectangular

170976 Lens

Servicing: HC-CARGO 170881



Dim.: 110x41x28 mm

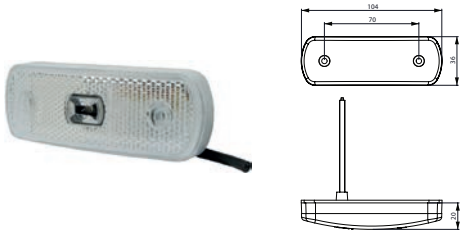
Shape: Rectangular

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171242 Lens	**Servicing:** HC-CARGO 171174		
		**Dim.:** 62x62x46 mm	**Shape:** Square

POSITION LAMPS LED

171603 LED Position Lamp

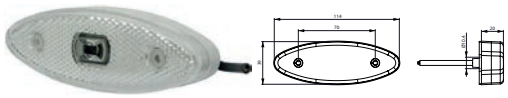


Voltage: 24
Watt: 1.02

Dim.: 104x36x20 mm
Cable length: 500 mm
Dist. mount. holes: 70 mm

Type: LED
Colour/glass: White
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Sidemarker: w/
No./LEDs: 1
Approvals: ADR
E-approval: Yes

171609 LED Position Lamp

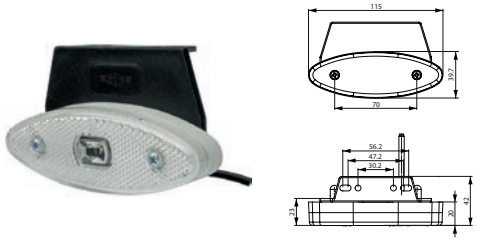


Voltage: 24
Watt: 0.44

Dim.: 114x39x20 mm
Cable length: 500 mm
Dist. mount. holes: 70 mm

Type: LED
Colour/glass: White
Material: Shockproof plastic
Reflector: w/
Fixing screw: 2
Sidemarker: w/
No./LEDs: 1
E-approval: Yes

171610 LED Position Lamp

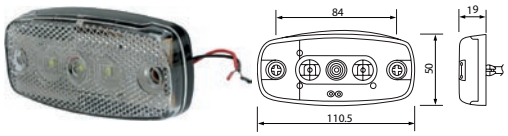


Voltage: 24
Watt: 0.44

Dim.: 115x39.7x20 mm
Cable length: 500 mm
Dist. mount. holes: 52 mm

Type: LED
Colour/glass: White
Material: Shockproof plastic
Shape: Oval
Bracket: Angled
Reflector: w/
Fixing screw: 2
Sidemarker: w/
No./LEDs: 1
E-approval: Yes

171638 LED Position Lamp

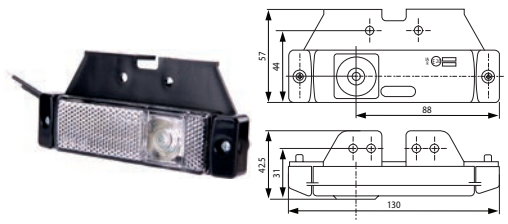


Voltage: 9-36
Watt: 0.9

Dist. mount. holes: 83 mm

Type: LED
Colour/glass: White
Reflector: w/
Sidemarker: w/
No./LEDs: 3
Approvals: ADR
E-approval: Yes

171717 LED Position Lamp

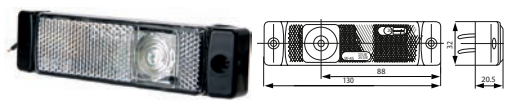


Voltage: 12/24
Watt: 0.4/0.8

Dim.: 130x57x42.5 mm

Type: LED
Socket type: LED
Colour/glass: White
Material: Shockproof plastic
Bracket: Angled
Reflector: w/
Sidemarker: w/
No./LEDs: 1
E-approval: Yes

171718 LED Position Lamp

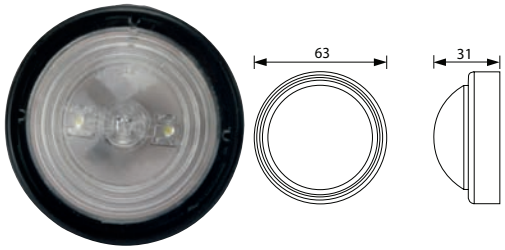
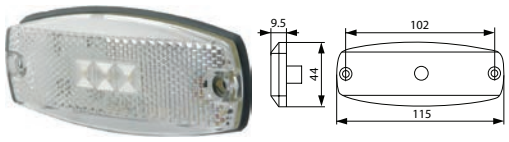
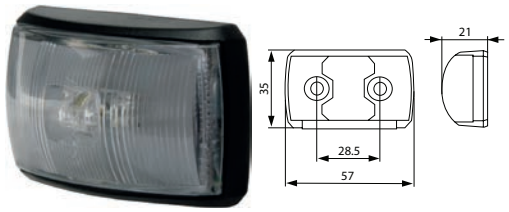
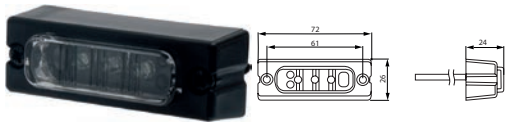
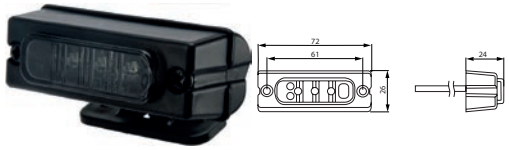
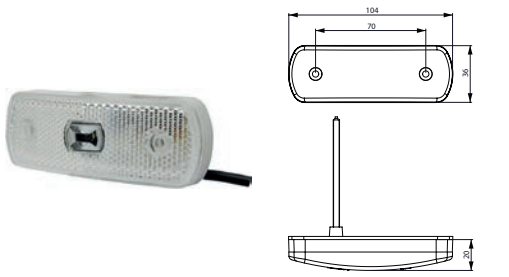


Voltage: 12/24
Watt: 0.4/0.8

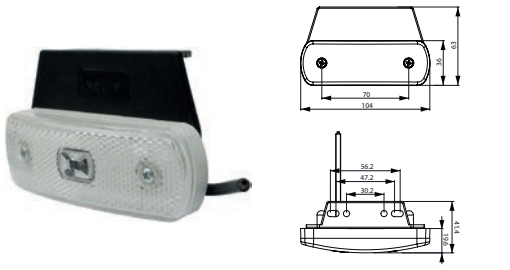
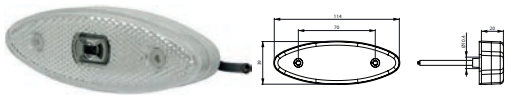
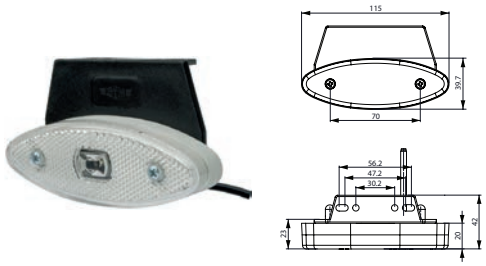
Dim.: 130x32x20.5 mm

Type: LED
Socket type: LED
Colour/glass: White
Material: Shockproof plastic
Reflector: w/
Sidemarker: w/
No./LEDs: 1
E-approval: Yes

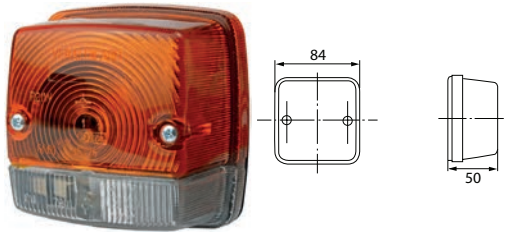
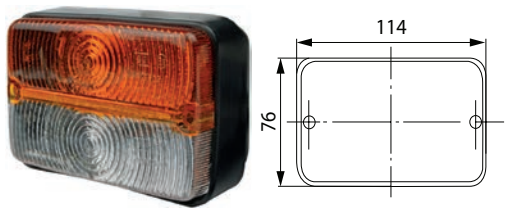
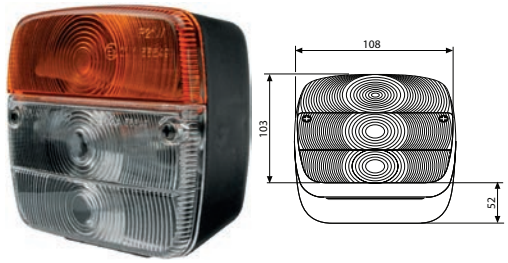
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171744 LED Position Lamp			
	**Voltage:** 9-36	**Dim.:** 63x31 mm **OD:** 63 mm **Cable length:** 300 mm **Dist. mount. holes:** 30 mm	**Type:** LED **Colour:** Black **Colour/glass:** Transparent **Material:** PVC **Material/dome:** PMMA **Shape:** Round **Mount.:** 2 screws **Sidemarker:** w/ **No./LEDs:** 3 **Approvals:** ADR/SAE **E-approval:** Yes
171841 LED Position Lamp			
	**Voltage:** 12/24 **Watt:** 0.45-1.6	**Dim.:** 115x44x9.5 mm **Cable length:** 5000 mm **Dist. mount. holes:** 102 mm	**Type:** LED **Colour:** White **Colour/glass:** White **Material:** Polycarbonate **Material/dome:** Polycarbonate **Shape:** Rectangular **Mount.:** 2 screws **Reflector:** w/ **Sidemarker:** w/ **No./LEDs:** 3 **Tightness norm:** IP 67 **Approvals:** SAE **E-approval:** Yes
171844 LED Position Lamp			
	**Voltage:** 12/24	**Dim.:** 57x35x21 mm **Cable length:** 400 mm **Dist. mount. holes:** 28 mm	**Type:** LED **Colour:** Black **Colour/glass:** White **Shape:** Rectangular **Fixing screw:** 2 **Sidemarker:** w/ **No./LEDs:** 2 **Tightness norm:** IP 67 **E-approval:** Yes
171862 LED Position Lamp			
	**Voltage:** 12/24 **Watt:** 0.3-0.6	**Dim.:** 72x26x24 mm **Cable length:** 5000 mm **Dist. mount. holes:** 61 mm	**Type:** LED **Colour:** Black **Colour/glass:** White **Material:** PP **Material/dome:** PMMA **Shape:** Rectangular **Sidemarker:** w/ **No./LEDs:** 3 **Approvals:** CE **E-approval:** Yes
171868 LED Position Lamp			
	**Voltage:** 12/24 **Watt:** 0.3-0.6	**Dim.:** 72x26x24 mm **Cable length:** 5000 mm **Dist. mount. holes:** 61 mm	**Type:** LED **Colour:** Black **Colour/glass:** White **Material:** PP **Material/dome:** PMMA **Shape:** Rectangular **Bracket:** Adjustable **Sidemarker lamp:** w/ **No./LEDs:** 3 **Approvals:** CE **E-approval:** Yes
172038 LED Position Lamp			
	**Voltage:** 12/24 **Watt:** 0.49	**Dim.:** 104x36x20 mm **Cable length:** 500 mm **Dist. mount. holes:** 70 mm	**Type:** LED **Colour/glass:** White **Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Fixing screw:** 2 **Sidemarker:** w/ **No./LEDs:** 1 **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
172039 LED Position Lamp			
	**Voltage:** 12/24 **Watt:** 0.49	**Dim.:** 104 x 36 x 19.6 mm **Cable length:** 500 mm **Dist. mount. holes:** 52 mm	**Type:** LED **Colour/glass:** White **Material:** Shockproof plastic **Bracket:** Angled **Reflector:** w/ **Fixing screw:** 2 **Sidemarker:** w/ **No./LEDs:** 1 **E-approval:** Yes
172043 LED Position Lamp			
	**Voltage:** 12/24 **Watt:** 0.44	**Dim.:** 114x39x20 mm **Cable length:** 500 mm **Dist. mount. holes:** 70 mm	**Type:** LED **Colour/glass:** White **Material:** Shockproof plastic **Reflector:** w/ **Fixing screw:** 2 **Sidemarker:** w/ **No./LEDs:** 1 **E-approval:** Yes
172044 LED Position Lamp			
	**Voltage:** 12/24 **Watt:** 0.44	**Dim.:** 115x39.7x20 mm **Cable length:** 500 mm **Dist. mount. holes:** 52 mm	**Type:** LED **Colour/glass:** White **Material:** Shockproof plastic **Shape:** Oval **Bracket:** Angled **Reflector:** w/ **Fixing screw:** 2 **Sidemarker:** w/ **No./LEDs:** 1 **E-approval:** Yes

FLASHER-POSITION LAMPS CONVENTIONAL

170925 Flasher/Position Lamp			
	**Watt 1:** 21 **Watt 2:** 5	**Dim.:** 84x50 mm **Dist. mount. holes:** 45 mm	**Socket type 1:** BA15S **Socket type 2:** S8.5 **Material:** Shockproof plastic **Shape:** Square **Fixing screw:** 2 **RH/LH:** RH/LH **E-approval:** Yes
170927 Flasher/Position Lamp			
Lens: HC-CARGO 170989.			
	**Watt 1:** 21 **Watt 2:** 5	**Dim.:** 114x76 mm **Dist. mount. holes:** 58 mm	**Socket type 1:** BA15S **Socket type 2:** BA15S **Material:** Shockproof plastic **Shape:** Rectangular **Fixing screw:** 2 **RH/LH:** RH/LH **E-approval:** Yes
170941 Flasher/Position Lamp	**Servicing:** HC-CARGO 170828		
Lens: HC-CARGO 170834.			
	**Watt 1:** 21 **Watt 2:** 5	**Dim.:** 108x103x52 mm **Dist. mount. holes:** 55 mm	**Socket type 1:** BA15S **Socket type 2:** S8.5 **Material:** Shockproof plastic **Shape:** Rectangular **Fixing screw:** 2 **Flasher light:** w/ **Sidemarker:** w/ **RH/LH:** RH/LH **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171215 Flasher/Position Lamp *Lens: HC-CARGO 171248.*	**Watt 1:** 18 **Watt 2:** 10	**Dim.:** 80x42 mm **Dist. mount. holes:** 45 mm	**Socket type 1:** S8.5 **Socket type 2:** S8.5 **Material:** Metal **Shape:** Circular **Fixing screw:** 2 **RH/LH:** RH/LH **E-approval:** Yes
171217 Flasher/Position Lamp *Right: HC-CARGO 171260.*	**Watt 1:** 21 **Watt 2:** 5	**Dim.:** 158x64x51 mm **Dist. mount. holes:** 98/45 mm	**Socket type 1:** BA15S **Socket type 2:** BA15S **Material:** Shockproof plastic **Shape:** Rectangular **Fixing screw:** 4 **RH/LH:** LH **E-approval:** Yes
171218 Flasher/Position Lamp *Left: HC-CARGO 171217.*	**Watt 1:** 21 **Watt 2:** 5	**Dim.:** 158x64x51 mm **Dist. mount. holes:** 98/45 mm	**Socket type 1:** BA15S **Socket type 2:** BA15S **Material:** Shockproof plastic **Shape:** Rectangular **Fixing screw:** 4 **RH/LH:** RH **E-approval:** Yes
171510 Flasher/Position Lamp	**Watt 1:** 21 **Watt 2:** 5	**Dim.:** 180x60x51.5 mm **Dist. mount. holes:** 134 mm	**Socket type 1:** BA15S **Socket type 2:** BA15S **Material:** Shockproof plastic **Shape:** Rectangular **Fixing screw:** 2 **RH/LH:** RH/LH **E-approval:** Yes

SPARE PARTS

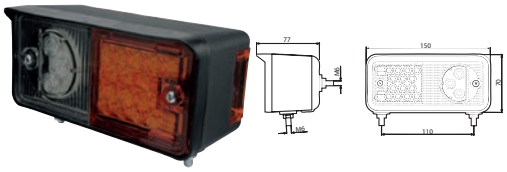
170834 Lens, Rear Lamp	**Servicing:** HC-CARGO 170941	**Dim.:** 108x103x52 mm	**Shape:** Rectangular **Fixing screw:** 2 **Flasher light:** w/ **Sidemarker:** w/
170989 Lens	**Servicing:** HC-CARGO 170927	**Dim.:** 114x76 mm	**Shape:** Rectangular

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

FLASHER-POSITION LAMPS LED

171800 LED Flasher/Positions Lamp

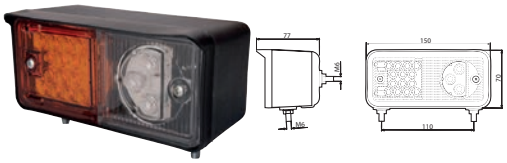


Voltage: 12/24

Dim.: 150x70x77 mm
Cable length: 2100 mm
Dist. mount. holes: 110/55 mm

Colour: Black
Material: Shockproof plastic
Shape: Rectangular
Mount.: Upright/pendant
Fixing screw: 2
No./LEDs: 14/3
RH/LH: LH
E-approval: Yes

171801 LED Flasher/Positions Lamp



Voltage: 12/24

Dim.: 150x70x77 mm
Cable length: 2100 mm
Dist. mount. holes: 110/55 mm

Colour: Black
Material: Shockproof plastic
Shape: Rectangular
Mount.: Upright/pendant
Fixing screw: 2
No./LEDs: 14/3
RH/LH: RH
E-approval: Yes

SIDE INDICATORS CONVENTIONAL

170713 Flasher Lamp

Lens: HC-CARGO 170670, 170671.



Watt: 5

Dim.: 108x84x93 mm
OD: 60 mm

Socket type: BA15S
Colour/glass: Orange
E-approval: Yes

171140 Flasher Lamp

Servicing: Fiat, Ford, Lada, Universal



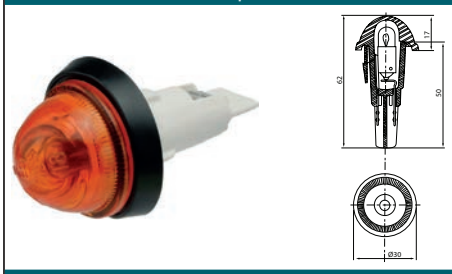
Watt: 4

OD: 27 mm
Dist. mount. holes: 28 mm

Socket type: BA9s
Colour/glass: Orange
E-approval: Yes

171141 Flasher Lamp

Servicing: Fiat 127, 129

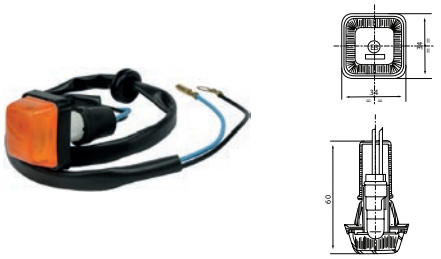


Dim.: 62x50x17 mm

Colour/glass: Orange
E-approval: Yes

171147 Flasher Lamp

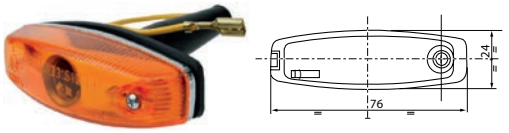
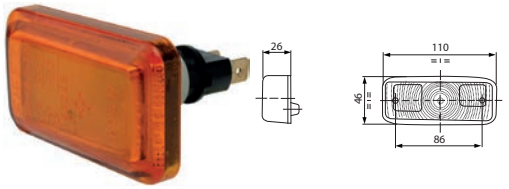
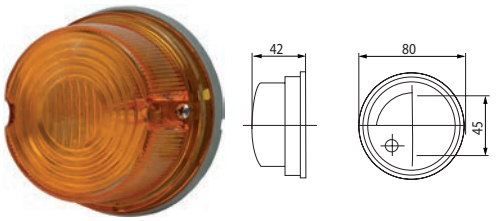
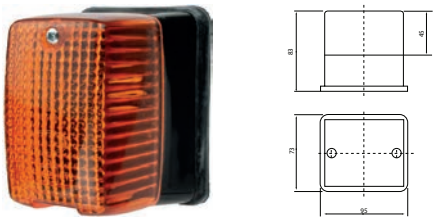
Servicing: Ford, Universal



Dim.: 34x34x60 mm

Colour/glass: Orange
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171148 Flasher Lamp	**Servicing:** Universal, Ford, Rover Group		
		**Dim.:** 76x24 mm	**Socket type:** BA9s **Colour/glass:** Orange **E-approval:** Yes
171153 Flasher Lamp	**Servicing:** Audi, VW, various types 84		
	**Bulb incl.:** No **Voltage:** 12 **Watt:** 5	**Dim.:** 110x46x26 mm **Dist. mount. holes:** 86 mm	**Type:** Flasher lamp **Colour:** Orange **Colour/glass:** Orange **Material:** Plastic **Material/dome:** Plastic **Shape:** Flat **Mount.:** Sidemounted **No./lamps:** 1 **Flasher light:** w/ **RH/LH:** RH/LH **E-approval:** Yes
171183 Flasher Lamp			
Lens: HC-CARGO 171247.			
	**Watt:** 5	**Dim.:** 80x42 mm **Dist. mount. holes:** 45 mm	**Socket type:** S8.5 **Colour/glass:** Orange **Material:** Shockproof plastic **Fixing screw:** 2 **E-approval:** Yes
171337 Flasher Lamp			
	**Watt:** 10	**Dim.:** 95x73x83 mm **Dist. mount. holes:** 48 mm	**Socket type:** BA15S **Colour:** Black **Colour/glass:** Orange **Material:** Plastic **Shape:** Rectangular **Fixing screw:** 2 **E-approval:** Yes
171339 Flasher Lamp			
Lens: HC-CARGO 171340.			
	**Watt:** 21	**Dim.:** 84x84x51 mm **Dist. mount. holes:** 45 mm	**Socket type:** BA15S **Colour/glass:** Orange **Material:** Plastic **Shape:** Rectangular **Fixing screw:** 2 **E-approval:** Yes

SPARE PARTS

170670 Lens	**Servicing:** HC-CARGO 170713		
			**Colour/glass:** Orange **Material:** Glass
170671 Bulb Holder	**Servicing:** HC-CARGO 170640, 170668, 170713		
			

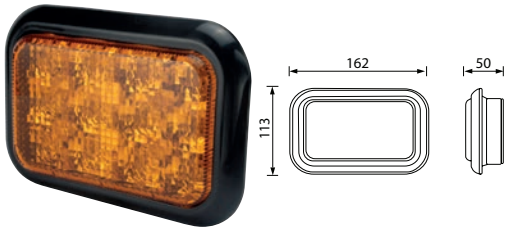
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

SIDE INDICATORS LED

171770 LED Flasher Lamp

Servicing: Fiat, Kia, MAN

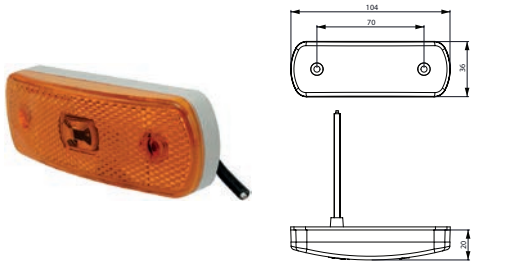


Voltage: 24
Watt: 4

Dim.: 162x113x50 mm

Type: Flasher lamp
Colour/glass: Orange
Material: ABS plastic
Material/dome: PMMA
Shape: Rectangular
Mount.: Plan installation
Flasher light: w/
No./LEDs: 16
RH/LH: RH/LH
E-approval: Yes

172036 LED Side Marker Lamp

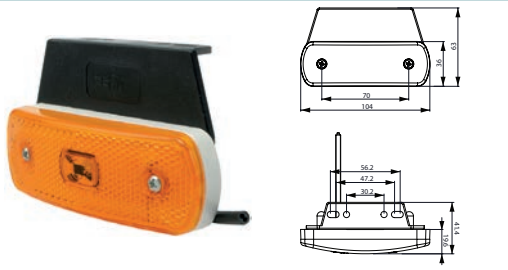


Voltage: 12/24

Dim.: 104x36x20 mm
Cable length: 500 mm
Dist. mount. holes: 70 mm

Type: LED
Colour/glass: Orange
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Sidemarker lamp: w/
No./LEDs: 1
E-approval: Yes

172037 LED Side Marker Lamp

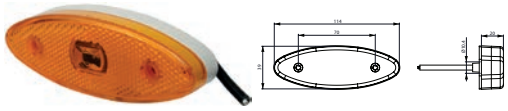


Voltage: 12/24

Dim.: 104x36x19.6 mm
Cable length: 500 mm
Dist. mount. holes: 70 mm

Type: LED
Colour/glass: Orange
Material: Shockproof plastic
Shape: Rectangular
Bracket: Angled
Reflector: w/
Fixing screw: 2
Sidemarker lamp: w/
No./LEDs: 1
E-approval: Yes

172041 LED Side Marker Lamp

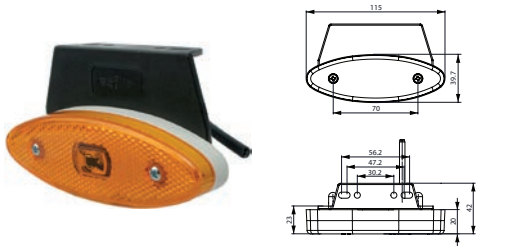


Voltage: 12/24

Dim.: 114x39x20 mm
Cable length: 500 mm
Dist. mount. holes: 70 mm

Type: LED
Colour/glass: Orange
Material: Shockproof plastic
Reflector: w/
Fixing screw: 2
Sidemarker lamp: w/
No./LEDs: 1
E-approval: Yes

172042 LED Side Marker Lamp



Voltage: 12/24

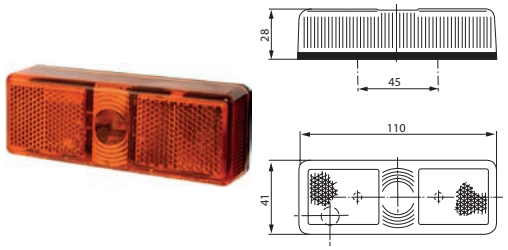
Dim.: 115x39.7x20 mm
Dist. mount. holes: 70 mm

Type: LED
Colour/glass: Orange
Material: Shockproof plastic
Shape: Oval
Bracket: Angled
Reflector: w/
Fixing screw: 2
Sidemarker lamp: w/
No./LEDs: 1
E-approval: Yes

SIDE MARKER LAMPS CONVENTIONAL

170880 Side Marker Lamp

Lens: HC-CARGO 170975.

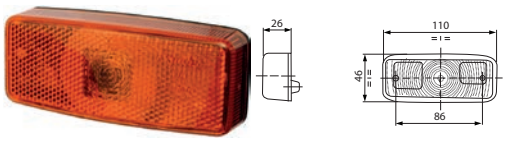
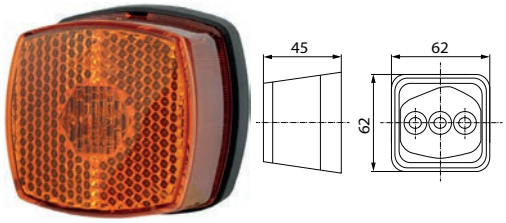
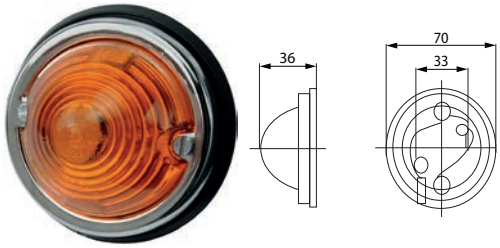
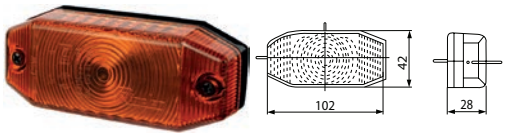


Watt: 5

Dim.: 110x41x28 mm
Dist. mount. holes: 45 mm

Socket type: S8.5
Colour: Black
Colour/glass: Orange
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170884 Side Marker Lamp *Lens: HC-CARGO 170946.*			
	**Watt:** 5	**Dim.:** 110x46x26 mm **Dist. mount. holes:** 85 mm	**Socket type:** T10 **Colour/glass:** Orange **Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Fixing screw:** 2 **E-approval:** Yes
170885 Side Marker Lamp *Lens: HC-CARGO 170946.*			
	**Watt:** 5	**Dim.:** 110x46x26 mm **Dist. mount. holes:** 20/50 mm	**Socket type:** T10 **Colour/glass:** Orange **Material:** Shockproof plastic **Shape:** Rectangular **Bracket:** Angled **Reflector:** w/ **E-approval:** Yes
171175 Side Marker Lamp *Lens: HC-CARGO 171243.*			
	**Watt:** 5	**Dim.:** 62x62x45 mm **Dist. mount. holes:** 30 mm	**Socket type:** S8.5 **Colour:** Black **Colour/glass:** Orange **Material:** Shockproof plastic **Reflector:** w/ **Fixing screw:** 2 **E-approval:** Yes
171180 Side Marker Lamp			
	**Watt:** 5	**Dim.:** 70x36 mm **Dist. mount. holes:** 33 mm	**Type:** Side marker lamp **Socket type:** S8.5 **Colour/glass:** Orange **Material:** Steel **Fixing screw:** 2 **E-approval:** Yes
171343 Side Marker Lamp			
	**Watt:** 5	**Dim.:** 74x45x22.5 mm **Dist. mount. holes:** 52 mm	**Socket type:** S8.5 **Colour:** Black **Colour/glass:** Orange **Material:** Plastic **Shape:** Rectangular **Fixing screw:** 2 **E-approval:** Yes
171369 Side Marker Lamp			
	**Watt:** 5	**Dim.:** 102x42x28 mm **Dist. mount. holes:** 65 mm	**Socket type:** S8.5 **Colour:** Black **Colour/glass:** Orange **Material:** Plastic **Fixing screw:** 2 **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

SPARE PARTS

170946 Lens

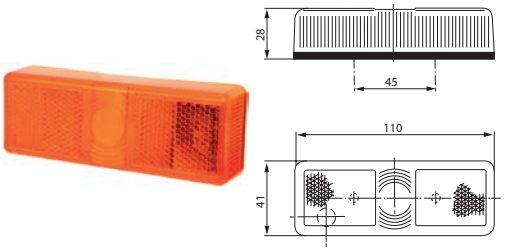
Servicing: HC-CARGO 170885



Dim.: 110x46 mm

170975 Lens

Servicing: HC-CARGO 170880



Dim.: 110x41x28 mm

ACCESSORIES

171417 Angle Bracket

Long.



Mount hole: 45 mm
Mount. hole 2: 85 mm

171419 Angle Bracket

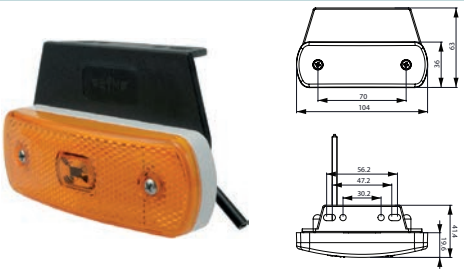
Short.



Mount hole: 45 mm
Mount. hole 2: 85 mm

SIDE MARKER LAMPS LED

171602 LED Side Marker Lamp

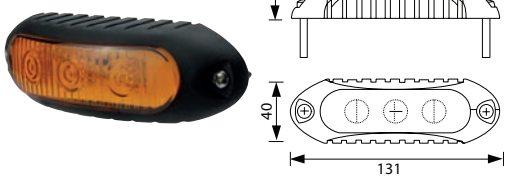


Voltage: 24

Dim.: 104x36x19.6 mm
Cable length: 500 mm
Dist. mount. holes: 70 mm

Type: LED
Colour/glass: Orange
Material: Shockproof plastic
Shape: Rectangular
Bracket: Angled
Reflector: w/
Fixing screw: 2
Sidemarker lamp: w/
No./LEDs: 1
Approvals: ADR
E-approval: Yes

171618 LED Side Marker Lamp

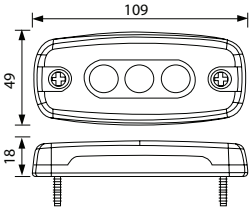
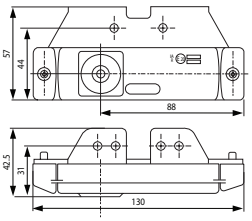
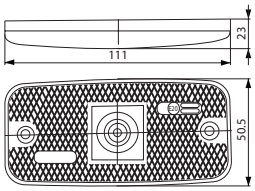
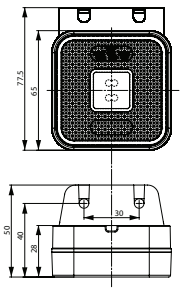
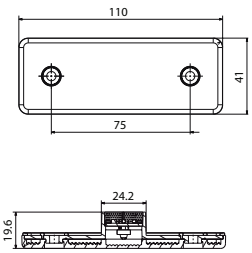
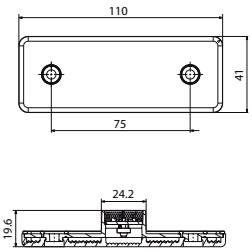


Voltage: 9-36

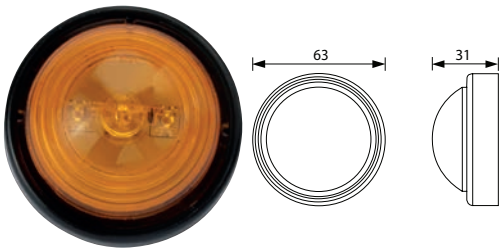
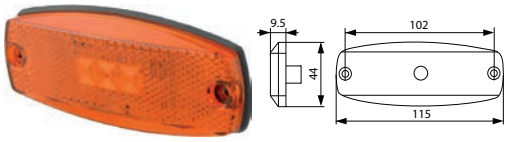
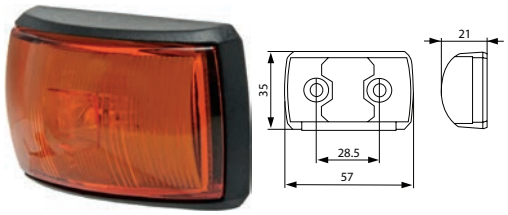
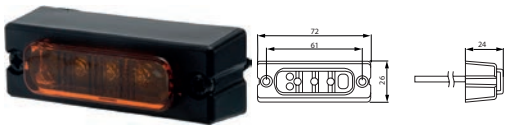
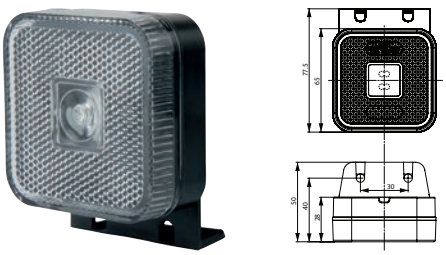
Dim.: 131x40x34 mm
Cable length: 28 mm
Dist. mount. holes: 115 mm

Type: LED
Colour: Yellow
Colour/glass: Orange
Material: PP/PMMA
Material/dome: ABS plastic
Mount.: Screw fastening
No./lamps: 1
Fixing screw: 2
Sidemarker lamp: w/
No./LEDs: 3
Wiring system: w/
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171636 LED Side Marker Lamp			
 	**Voltage:** 9-36 **Watt:** 0.9	**Dim.:** 109x49x18 mm **Dist. mount. holes:** 83 mm	**Type:** LED **Colour/glass:** Orange **Shape:** Rectangular **Reflector:** w/ **Sidemarker lamp:** w/ **No./LEDs:** 3 **E-approval:** Yes
171721 LED Side Marker Lamp			
 	**Voltage:** 12/24	**Dim.:** 130x57x42.5 mm **Dist. mount. holes:** 50 mm	**Type:** LED **Socket type:** LED **Material:** Shockproof plastic **Shape:** Rectangular **Bracket:** Angled **Reflector:** w/ **Sidemarker lamp:** w/ **No./LEDs:** 1 **E-approval:** Yes
171722 LED Side Marker Lamp			
 	**Voltage:** 12/24	**Dim.:** 111x50.5x23 mm **Dist. mount. holes:** 116 mm	**Type:** LED **Socket type:** LED **Colour/glass:** Orange **Material:** Shockproof plastic **Shape:** Rectangular **Mount.:** Flat w/ 2 fixing holes **Reflector:** w/ **Fixing screw:** 2 **Sidemarker lamp:** w/ **No./LEDs:** 1 **E-approval:** Yes
171729 LED Side Marker Lamp	**Servicing:** MAN		
 	**Voltage:** 12/24 **Watt:** 1	**Dim.:** 65x65x28 mm **Dist. mount. holes:** 30 mm	**Type:** LED **Colour/glass:** Orange **Material:** ABS plastic **Material/dome:** PMMA **Shape:** Square **Bracket:** Angled **Reflector:** w/ **Sidemarker lamp:** w/ **No./LEDs:** 2 **E-approval:** Yes
171735 LED Side Marker Lamp			
 	**Voltage:** 12	**Dim.:** 110x41x19.6 mm **Cable length:** 200 mm **Dist. mount. holes:** 75 mm	**Type:** LED **Shape:** Rectangular **Sidemarker lamp:** w/ **No./LEDs:** 1 **E-approval:** Yes
171736 LED Side Marker Lamp			
 	**Voltage:** 24	**Dim.:** 110x41x19.6 mm **Cable length:** 20 mm **Dist. mount. holes:** 75 mm	**Type:** LED **Shape:** Rectangular **Sidemarker lamp:** w/ **No./LEDs:** 1 **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171742 LED Side Marker Lamp			
	**Voltage:** 12/24	**Dim.:** 63x31 mm **OD:** 63 mm **Cable length:** 300 mm	**Type:** LED **Colour:** Black **Colour/glass:** Orange **Material:** PVC **Material/dome:** PMMA **Mount.:** 2 screws **Sidemarker lamp:** w/ **No./LEDs:** 3 **Approvals:** ADR/SAE **E-approval:** Yes
171835 LED Adapter	**Servicing:** HC-CARGO 171836, 193119		
HC-CARGO 171835 is the LED version of HC-CARGO 170763.			
	**Voltage:** 12/24		
171839 LED Side Marker Lamp			
	**Voltage:** 12/24 **Watt:** 0.45-1.6	**Dim.:** 115x44x9.5 mm **Cable length:** 5000 mm **Dist. mount. holes:** 102 mm	**Type:** LED **Colour:** White **Colour/glass:** Orange **Material:** Polycarbonate **Material/dome:** Polycarbonate **Shape:** Rectangular **Mount.:** 2 screws **Reflector:** w/ **Sidemarker lamp:** w/ **No./LEDs:** 3 **Tightness norm:** IP 67 **Approvals:** SAE **E-approval:** Yes
171842 LED Side Marker Lamp			
	**Voltage:** 12/24	**Dim.:** 57x35x21 mm **Cable length:** 400 mm **Dist. mount. holes:** 28.5 mm	**Type:** LED **Colour:** Black **Colour/glass:** Orange **Material:** ASA plastic **Material/dome:** PMMA **Shape:** Rectangular **Fixing screw:** 2 **Sidemarker lamp:** w/ **No./LEDs:** 2 **Tightness norm:** IP 67 **E-approval:** Yes
171860 LED Side Marker Lamp			
	**Voltage:** 12/24 **Watt:** 0.3-0.6	**Dim.:** 72x26x24 mm **Cable length:** 5000 mm **Dist. mount. holes:** 61 mm	**Type:** LED **Colour:** Black **Colour/glass:** Orange **Material:** PP **Material/dome:** PMMA **Shape:** Rectangular **Fixing screw:** 2 **Sidemarker:** w/ **No./LEDs:** 3 **Approvals:** CE **E-approval:** Yes
171956 LED Side Marker Lamp			
	**Voltage:** 12-24 **Watt:** 1	**Dim.:** 65x65x28 mm **Cable length:** 220 mm **Dist. mount. holes:** 30 mm	**Type:** LED **Colour/glass:** White **Material:** ABS plastic **Material/dome:** PMMA **Shape:** Square **Bracket:** Angled **Reflector:** w/ **Sidemarker lamp:** w/ **No./LEDs:** 2 **Tightness norm:** IP 68 **E-approval:** Yes

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

ACCESSORIES

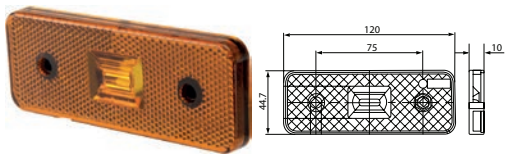
171639 Angle Bracket

Servicing: HC-CARGO 171636, 171637, 171638



171836 Lens

Servicing: HC-CARGO 171835



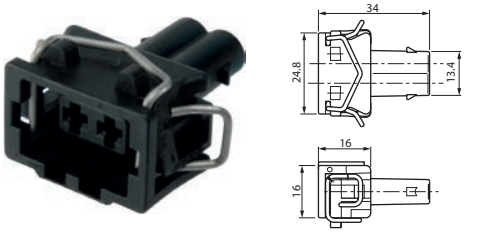
Dim.: 120x44.7x10 mm

Shape: Square
E-approval: Yes

193119 Junior Power Timer Connector

Servicing: HC-CARGO 171835, 171836

Terminal: HC-CARGO 192175, 192176, 192177, 192178, 192179.

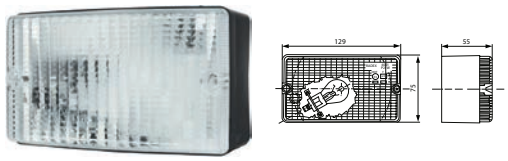


Type/terminal: Junior Power Timer
Colour: Black
No./poles: 2
Plug: Female

TAIL LIGHTS

REVERSING LAMPS CONVENTIONAL

170689 Reversing Lamp

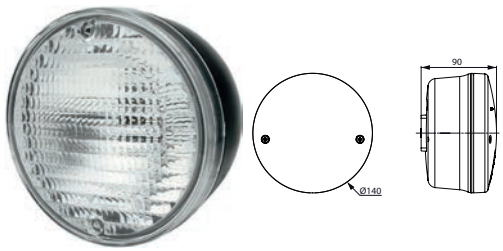


Watt: 21

Dim.: 129x75x55 mm
Dist. mount. holes: 56 mm

Socket type: BA15S
Shape: Rectangular
Bracket: Straight
Fixing screw: 1
Reverse light: w/
E-approval: Yes

170934 Reversing Lamp

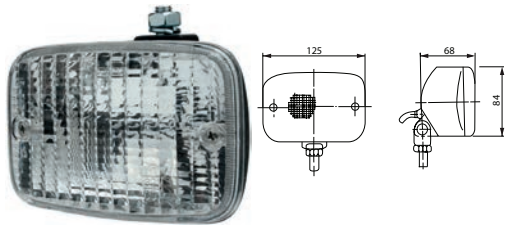


Watt: 21

Dim.: 140x90 mm
Dist. mount. holes: 45 mm

Socket type: BA15S
Colour: Black
Material: Shockproof plastic
Shape: Round
Fixing screw: 2
Reverse light: w/
Wiring system: w/
E-approval: Yes

170935 Reversing Lamp

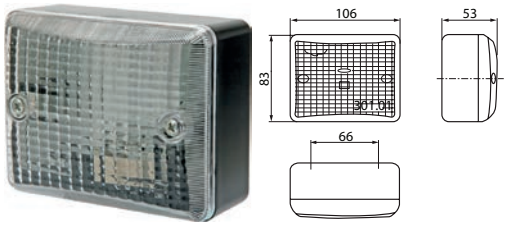


Watt: 21

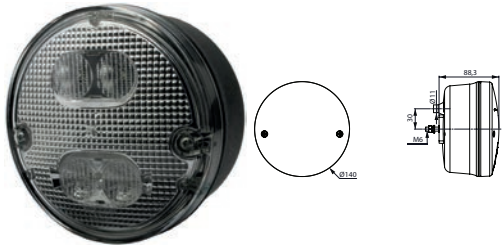
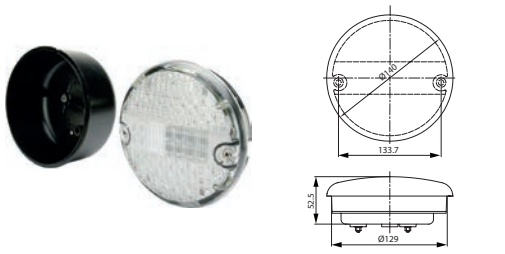
Dim.: 125x84x68 mm

Socket type: BA15S
Colour: Black
Material: Shockproof plastic
Shape: Rectangular
Bracket: Pendant
Fixing screw: M10
Reverse light: w/
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171222 Reversing Lamp			
	**Bulb incl.:** No **Voltage:** 12/24 **Watt:** 55 **Watt 2:** 70	**Dim.:** 140x90 mm **Dist. mount. holes:** 45 mm	**Bulb type:** H3 **Bulb type 2:** H3 **Socket type:** PK22s **Socket type 2:** PK22s **Colour:** Black **Material:** Shockproof plastic **Shape:** Circular **Fixing screw:** 2 **Wiring system:** w/ **E-approval:** Yes
172014 Reversing Lamp			
	**Bulb incl.:** No **Watt:** 21	**Dim.:** 106x83x53 mm **Dist. mount. holes:** 66 mm	**Socket type:** BA15S **Colour:** Black **Colour/glass:** White **Material:** ABS plastic **Material/dome:** PMMA **Shape:** Rectangular **Fixing screw:** 2 **Reverse light:** w/ **Approvals:** CE **E-approval:** Yes

REVERSING LAMPS LED

170909 LED Fog/Reverse Lamp			
Lens and o-ring: HC-CARGO 170910.			
	**Voltage:** 12/24	**Dim.:** 140x88.3 mm **OD:** 140 mm **Dist. mount. holes:** 45 mm	**Type:** LED **Colour/glass:** White **Material:** Shockproof plastic **Shape:** Round **Fixing screw:** 2 **Rear/fog lamp:** w/ **Tail light:** w/ **LEDs:** w/ **No./LEDs:** 4 **E-approval:** Yes
171684 LED Reversing Lamp			
Can be flush mounted by using HC-CARGO 171266.			
	**Voltage:** 9-33 **Watt:** 8	**Dim.:** 140x52.5 mm **Dist. mount. holes:** 45 mm	**Type:** Reversing lamp **Colour:** Transparent **Material:** Shockproof plastic **Shape:** Circular **No./LEDs:** 61 **Approvals:** ECE R23 **E-approval:** Yes
171726 LED Fog/Reverse Lamp			
Ring: clear, center: red.			
	**Voltage:** 12/24	**Dim.:** 122x84.5 mm **OD:** 122 mm **Cable length:** 150 mm **Dist. mount. holes:** 44 mm	**Type:** LED **Material:** Shockproof plastic **Material/dome:** Shockproof plastic **Shape:** Round **Rear/fog lamp:** w/ **Reverse light:** w/ **No./LEDs:** 38 **E-approval:** Yes
172007 LED Reversing Lamp			
	**Voltage:** 10-30 **Watt:** 18	**Dim.:** 89x58 mm	**Type:** Reversing lamp **Bulb type:** 6 LED **Material:** Cast aluminum **Material/dome:** Polycarbonate **Shape:** Round **Reverse light:** w/ **Tightness norm:** IP 67 **Approvals:** ECE R23 **E-approval:** Yes

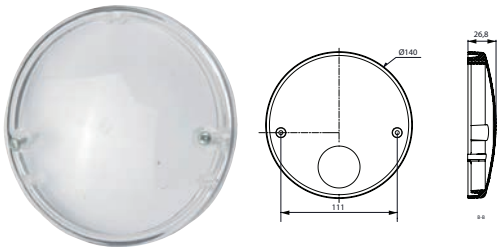
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

SPARE PARTS

170910 Lens, Rear Lamp

Servicing: HC-CARGO 170909

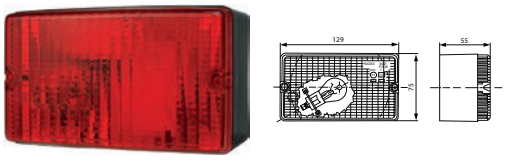


Dim.: 140x26.8 mm
Dist. mount. holes: 111 mm

Colour: White
Shape: Round

REAR FOG LAMPS CONVENTIONAL

170688 Rear Fog Lamp

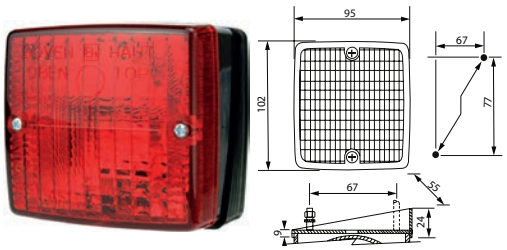


Watt: 21

Dim.: 129x75x55 mm
Dist. mount. holes: 56 mm

Socket type: BA15S
Shape: Rectangular
Bracket: Straight
Rear/fog lamp: w/
E-approval: Yes

170928 Rear Fog Lamp

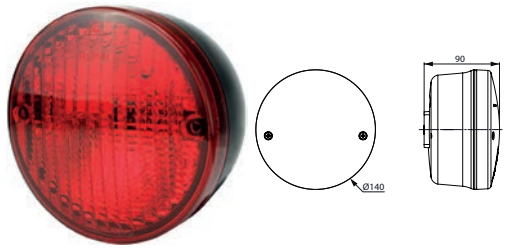


Watt: 21

Dim.: 102x95x55 mm
Dist. mount. holes: 77 mm

Socket type: BA15S
Colour: Black
Material: Shockproof plastic
Shape: Rectangular
Fixing screw: 2
E-approval: Yes

170929 Rear Fog Lamp

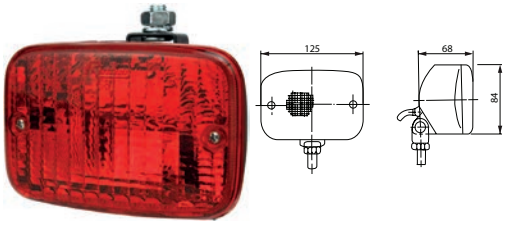


Bulb incl.: No
Watt: 21

Dim.: 140x90 mm
Dist. mount. holes: 45 mm

Socket type: BA15S
Colour: Black
Material: Shockproof plastic
Fixing screw: 2
Rear/fog lamp: w/
Wiring system: w/
E-approval: Yes

170930 Rear Fog Lamp



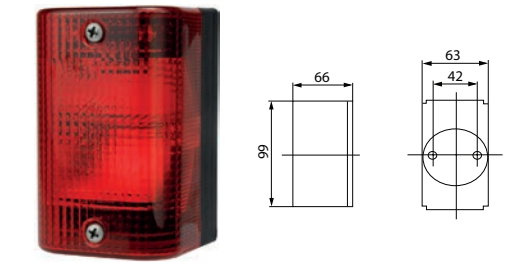
Watt: 21

Dim.: 125x84x68 mm

Socket type: BA15S
Colour: Black
Material: Shockproof plastic
Bracket: Pendant
Fixing screw: 1
Rear/fog lamp: w/
E-approval: Yes

171220 Rear Fog Lamp

w/ Grommet.



Watt: 21

Dim.: 63x99x66 mm
Dist. mount. holes: 42 mm

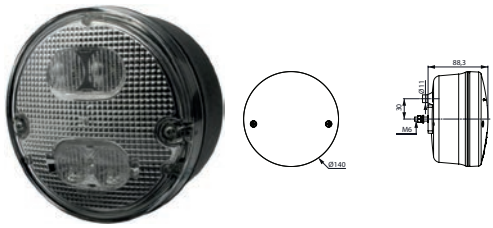
Socket type: BA15S
Material: Shockproof plastic
Shape: Rectangular
Sidemarker: w/
E-approval: Yes

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

REAR FOG LAMPS LED

170909 LED Fog/Reverse Lamp

Lens and o-ring: HC-CARGO 170910.



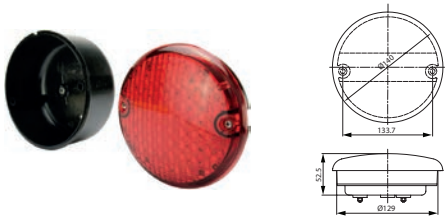
Voltage: 12/24

Dim.: 140x88.3 mm
OD: 140 mm
Dist. mount. holes: 45 mm

Type: LED
Colour/glass: White
Material: Shockproof plastic
Shape: Round
Fixing screw: 2
Rear/fog lamp: w/
Tail light: w/
LEDs: w/
No./LEDs: 4
E-approval: Yes

171685 LED Rear Fog Lamp

Can be flush mounted by using HC-CARGO 171266.



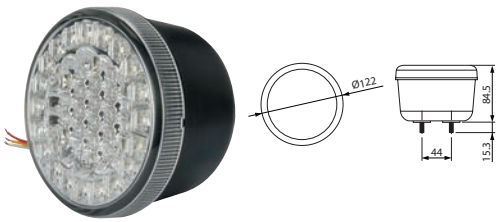
Voltage: 9-33

Dim.: 140x52.5 mm
Dist. mount. holes: 45 mm

Type: Rear fog lamp
Colour: Red
Material: Shockproof plastic
Shape: Circular
Rear/fog lamp: w/
No./LEDs: 61

171726 LED Fog/Reverse Lamp

Ring: clear, center: red.



Voltage: 12/24

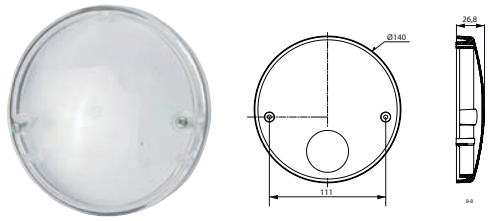
Dim.: 122x84.5 mm
OD: 122 mm
Cable length: 150 mm
Dist. mount. holes: 44 mm

Type: LED
Material: Shockproof plastic
Material/dome: Shockproof plastic
Rear/fog lamp: w/
Reverse light: w/
No./LEDs: 38
E-approval: Yes

SPARE PARTS

170910 Lens, Rear Lamp

Servicing: HC-CARGO 170909



Dim.: 140x26.8 mm
Dist. mount. holes: 111 mm

Colour: White
Shape: Round

MULTI FUNCTION LAMPS

TRAILER LAMPS CONVENTIONAL

170685 Multi Function Lamp

Lens: HC-CARGO 170687.



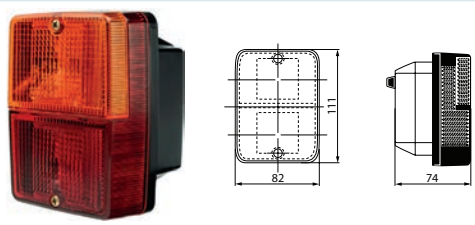
Bulb incl.: No
Watt 1: 21
Watt 2: 21/5

Dim.: 104x98x50 mm
Dist. mount. holes: 45/55 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Material: Shockproof plastic
Fixing screw: 2
Flasher light: w/
Numberplate light: Yes/No
Tail light: w/
Stop light: w/
RH/LH: RH/LH
E-approval: Yes

170846 Multi Function Lamp

Lens: HC-CARGO 170847.



Watt 1: 10
Watt 2: 21/5

Dim.: 111x82x74 mm
Dist. mount. holes: 57/87 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Material: Shockproof plastic
Fixing screw: 4
Flasher light: w/
Tail light: w/
Stop light: w/
RH/LH: RH/LH
E-approval: Yes

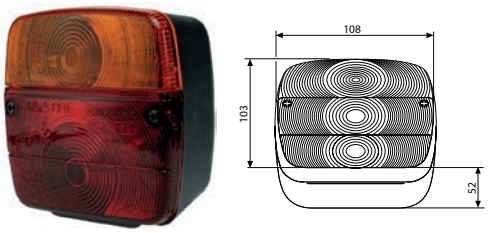
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

170939 Multi Function Lamp

Servicing: HC-CARGO 170809, 170818, 170828, 170829, 170835, 171049

Lens: HC-CARGO 170833.

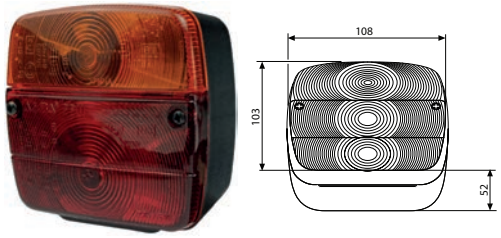


EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
Bulb incl.: No **Watt 1:** 21 **Watt 2:** 21/5	**Dim.:** 108x103x52 mm **Dist. mount. holes:** 45/55 mm	**Socket type 1:** BA15S **Socket type 2:** BAY15d **Material:** Shockproof plastic **Fixing screw:** 2 **Flasher light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH/LH **E-approval:** Yes

170940 Multi Function Lamp

Servicing: HC-CARGO 170829

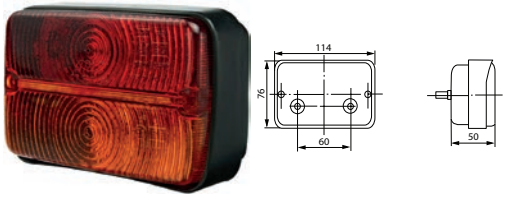
Lens: HC-CARGO 170833.



EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
Bulb incl.: No **Watt 1:** 21 **Watt 2:** 21/5	**Dim.:** 108x103x52 mm **Dist. mount. holes:** 45/55 mm	**Socket type 1:** BA15S **Socket type 2:** BAY15d **Material:** Shockproof plastic **Fixing screw:** 2 **Flasher light:** w/ **Numberplate light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH/LH **E-approval:** Yes

170943 Multi Function Lamp

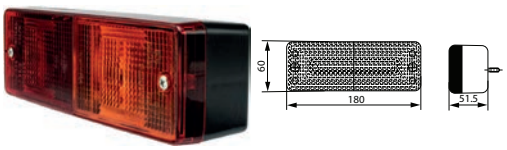
Lens: HC-CARGO 170944.



EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
Bulb incl.: No **Watt 1:** 21 **Watt 2:** 21/5	**Dim.:** 114x76x50 mm **Dist. mount. holes:** 60 mm	**Socket type 1:** BA15S **Socket type 2:** BAY15d **Material:** Shockproof plastic **Shape:** Rectangular **Fixing screw:** 2 **Flasher light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH/LH **E-approval:** Yes

170985 Multi Function Lamp

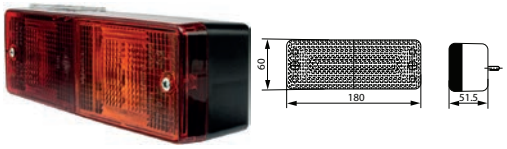
Lens: HC-CARGO 170987.



EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
Bulb incl.: No **Watt 1:** 10 **Watt 2:** 21/5	**Dim.:** 180x60x51.5 mm **Dist. mount. holes:** 134 mm	**Socket type 1:** BA15S **Socket type 2:** BAY15d **Material:** Shockproof plastic **Shape:** Rectangular **Fixing screw:** 2 **Flasher light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH/LH **E-approval:** Yes

170986 Multi Function Lamp

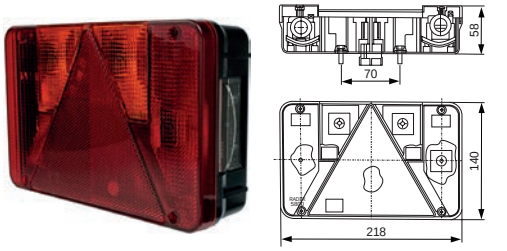
Lens: HC-CARGO 170987.



EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
Bulb incl.: No **Watt 1:** 10 **Watt 2:** 21/5	**Dim.:** 180x60x51.5 mm **Dist. mount. holes:** 134 mm	**Socket type 1:** BA15S **Socket type 2:** BAY15d **Material:** Shockproof plastic **Shape:** Rectangular **Fixing screw:** 2 **Flasher light:** w/ **Numberplate light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH/LH **E-approval:** Yes

171013 Multi Function Lamp

Lens: HC-CARGO 171015. Right: HC-CARGO 171014.



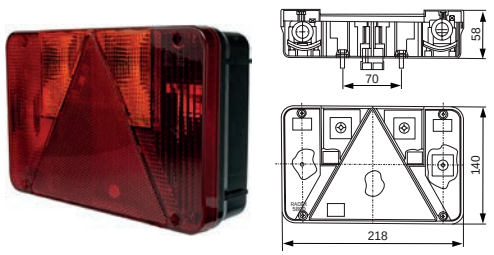
EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
Bulb incl.: No **Watt:** 21 **Watt 2:** 21/5	**Dim.:** 218x140x58 mm **Dist. mount. holes:** 70 mm	**Socket type:** BA15S **Socket type 2:** BAY15d **Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Fixing screw:** 2 **Flasher light:** w/ **Numberplate light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** LH **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171014 Multi Function Lamp

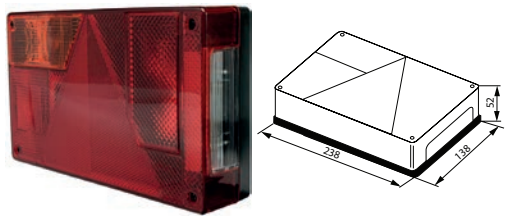
Lens: HC-CARGO 171016. Left: HC-CARGO 171013.



EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
Bulb incl.: No **Watt 1:** 21 **Watt 2:** 21/5	**Dim.:** 218x140x58 mm **Dist. mount. holes:** 70 mm	**Socket type 1:** BA15S **Socket type 2:** BAY15d **Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Fixing screw:** 2 **Flasher light:** w/ **Numberplate light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH

171050 Multi Function Lamp

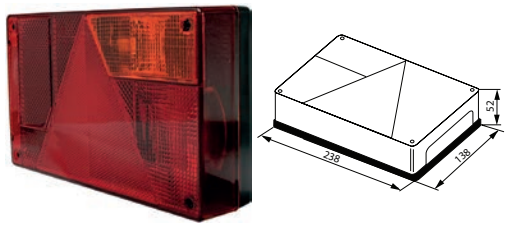
Lens: HC-CARGO 171057. Plug: HC-CARGO 171372, 171373. Right: HC-CARGO 171053.



EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
Bulb incl.: No **Watt 1:** 21 **Watt 2:** 21/5 **Watt 3:** 5	**Dim.:** 238x138x52 mm **Dist. mount. holes:** 152 mm	**Socket type 1:** BA15S **Socket type 2:** BAY15d **Socket type 3:** S8.5 **Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Fixing screw:** 2 **Flasher light:** w/ **Numberplate light:** w/ **Rear/fog lamp:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** LH **E-approval:** Yes

171051 Multi Function Lamp

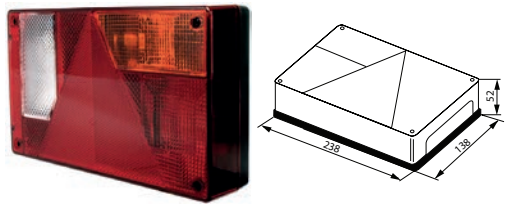
Lens: HC-CARGO 171056. Plug: HC-CARGO 171372, 171373. Left: HC-CARGO 171054.



EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
Bulb incl.: No **Watt 1:** 21 **Watt 2:** 21/5 **Watt 3:** 5	**Dim.:** 238x138x52 mm **Dist. mount. holes:** 152 mm	**Socket type 1:** BA15S **Socket type 2:** BAY15d **Socket type 3:** S8.5 **Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Fixing screw:** 2 **Flasher light:** w/ **Numberplate light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH **E-approval:** Yes

171052 Multi Function Lamp

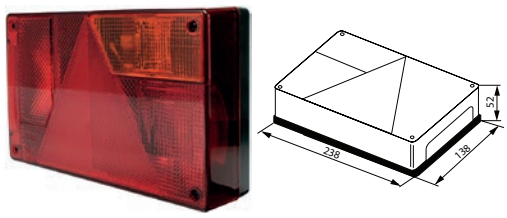
Lens: HC-CARGO 171058. Supplied w/ HC-CARGO 171372, 171373. Left: HC-CARGO 171055.



EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
Bulb incl.: No **Watt 1:** 21 **Watt 2:** 21/5 **Watt 3:** 5	**Dim.:** 238x138x52 mm **Dist. mount. holes:** 152 mm	**Socket type 1:** BA15S **Socket type 2:** BAY15d **Socket type 3:** S8.5 **Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Fixing screw:** 2 **Flasher light:** w/ **Numberplate light:** w/ **Reverse light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH **E-approval:** Yes

171053 Multi Function Lamp

Lens: HC-CARGO 171056. Left: HC-CARGO 171050.



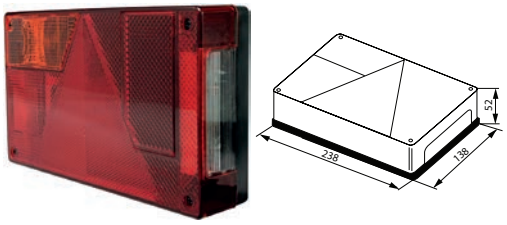
EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
Bulb incl.: No **Watt 1:** 21 **Watt 2:** 21/5 **Watt 3:** 5	**Dim.:** 238x138x52 mm **Dist. mount. holes:** 152 mm	**Socket type 1:** BA15S **Socket type 2:** BAY15d **Socket type 3:** S8.5 **Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Fixing screw:** 2 **Flasher light:** w/ **Numberplate light:** w/ **Rear/fog lamp:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171054 Multi Function Lamp

Lens: HC-CARGO 171057. Plug: HC-CARGO 171372, 171373. Right: HC-CARGO 171051.



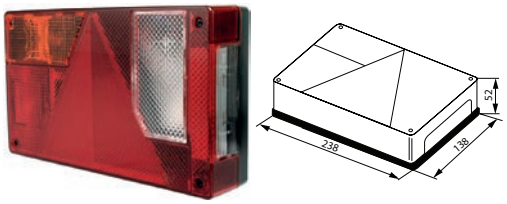
Bulb incl.: No
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

Dim.: 238x138x52 mm
Dist. mount. holes: 152 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
RH/LH: LH
E-approval: Yes

171055 Multi Function Lamp

Lens: HC-CARGO 171059. Plug: HC-CARGO 171372, 171373. Right: HC-CARGO 171052.



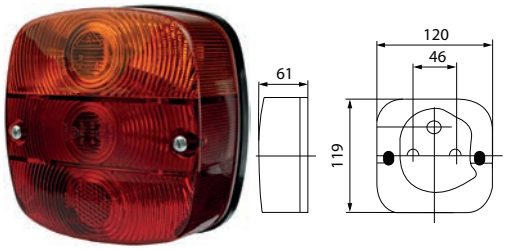
Bulb incl.: No
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

Dim.: 238x138x52 mm
Dist. mount. holes: 152 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: LH
E-approval: Yes

171191 Multi Function Lamp

Lens: HC-CARGO 171236.



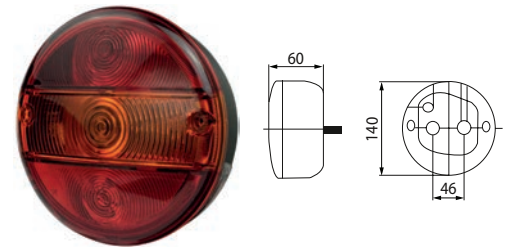
Bulb incl.: No
Watt 1: 21
Watt 2: 10

Dim.: 120x119x61 mm
Dist. mount. holes: 46 mm

Socket type 1: BA15S
Socket type 2: BA15S
Material: Shockproof plastic
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
RH/LH: RH/LH
E-approval: Yes

171192 Multi Function Lamp

Mounting kit: HC-CARGO 171266. Lens: HC-CARGO 171237.



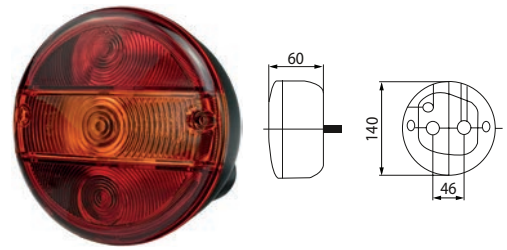
Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 140x60 mm
OD: 140 mm
Dist. mount. holes: 46 mm

Socket type 1: BA15S
Socket type 2: BA15S
Material: Shockproof plastic
Shape: Round
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

171193 Multi Function Lamp

Mounting kit: HC-CARGO 171266. Lens: HC-CARGO 171237.



Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 140x60 mm
OD: 140 mm
Dist. mount. holes: 46 mm

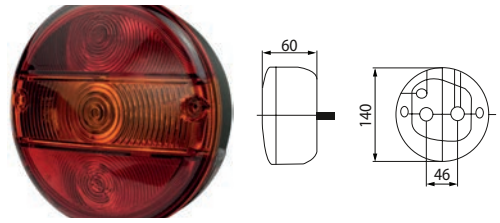
Socket type 1: BA15S
Socket type 2: BA15S
Material: Shockproof plastic
Shape: Round
Fixing screw: 2
Flasher light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171194 Multi Function Lamp

Mounting kit: HC-CARGO 171266. Lens: HC-CARGO 171237.



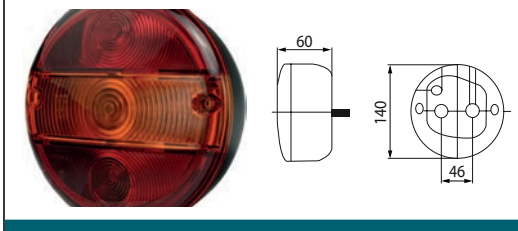
Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 140x60 mm
OD: 140 mm
Dist. mount. holes: 45 mm

Socket type 1: BA15S
Socket type 2: BA15S
Material: Shockproof plastic
Shape: Round
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

171195 Multi Function Lamp

Mounting kit: HC-CARGO 171266. Lens: HC-CARGO 171237.



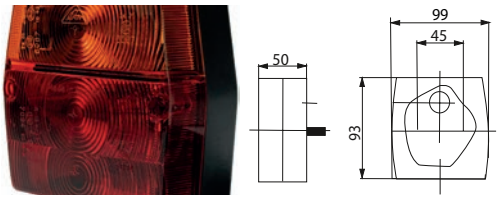
Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 140x60 mm
OD: 140 mm
Dist. mount. holes: 46 mm

Socket type 1: BA15S
Socket type 2: BA15S
Material: Shockproof plastic
Shape: Round
Fixing screw: 2
Flasher light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

171202 Multi Function Lamp

Lens: HC-CARGO 171253.



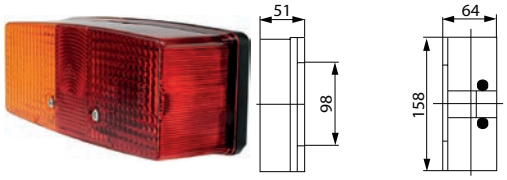
Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 93x99x50 mm
Dist. mount. holes: 45 mm

Socket type 1: BA15S
Socket type 2: S8.5
Material: Shockproof plastic
Shape: Hexagon
Fixing screw: 2
Flasher light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

171203 Multi Function Lamp

Lens: HC-CARGO 171258. Right: HC-CARGO 171204.



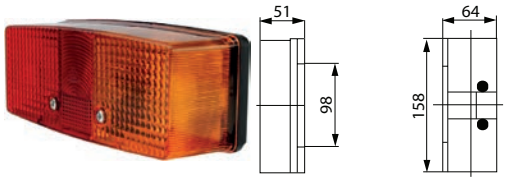
Bulb incl.: No
Watt 1: 21/5
Watt 2: 10

Dim.: 158x64x51 mm
Dist. mount. holes: 98/45 mm

Socket type 1: BAY15d
Socket type 2: BA15S
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 4
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
RH/LH: LH
E-approval: Yes

171204 Multi Function Lamp

Lens: HC-CARGO 171259. Left: HC-CARGO 171203.



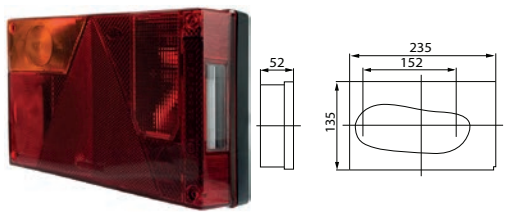
Bulb incl.: No
Watt 1: 10
Watt 2: 21/5

Dim.: 158x64x51 mm
Dist. mount. holes: 98/45 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Material/dome: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 4
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
RH/LH: RH

171213 Multi Function Lamp

Lens: HC-CARGO 171264. Right: HC-CARGO 171214.



Bulb incl.: No
Watt 1: 21
Watt 2: 21-maj
Watt 3: 5

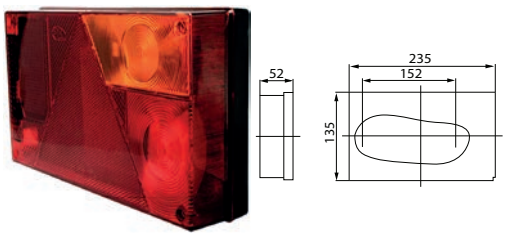
Dim.: 235x135x52 mm
Dist. mount. holes: 152 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
RH/LH: LH
E-approval: Yes

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171214 Multi Function Lamp

Lens: HC-CARGO 171265. Left: HC-CARGO 171213.



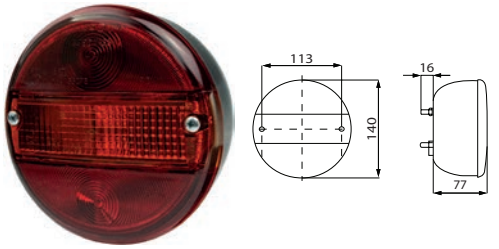
Bulb incl.: No
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

Dim.: 235x135x52 mm
Dist. mount. holes: 152 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
RH/LH: RH
E-approval: Yes

171328 Multi Function Lamp

Lens: HC-CARGO 171330.



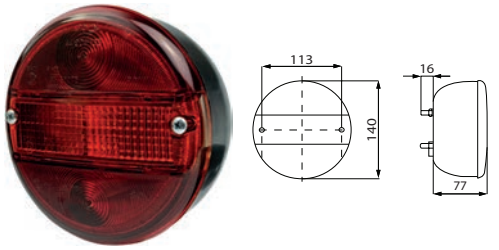
Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 140x77 mm
OD: 140 mm
Dist. mount. holes: 45 mm

Socket type 1: BA15S
Socket type 2: BA15S
Material: Shockproof plastic
Shape: Circular
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

171329 Multi Function Lamp

Mounting kit: HC-CARGO 171266. Lens: HC-CARGO 171330.



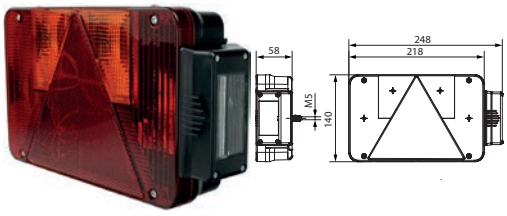
Bulb incl.: No

Dim.: 140x77 mm
OD: 140 mm
Dist. mount. holes: 45 mm

Socket type 1: BA15S
Material: Shockproof plastic
Shape: Circular
Fixing screw: 2
Flasher light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

171533 Multi Function Lamp

Lens: HC-CARGO 171015. Plug: HC-CARGO 171537, 171538. Right: HC-CARGO 171534.



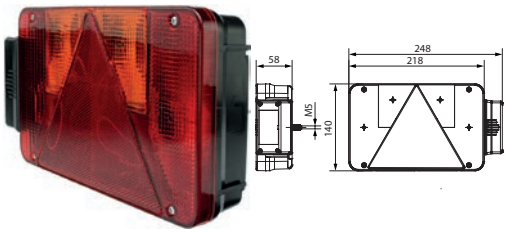
Bulb incl.: No
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

Dim.: 248x140x58 mm
Dist. mount. holes: 70 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
RH/LH: LH

171534 Multi Function Lamp

Lens: HC-CARGO 171016. Plug: HC-CARGO 171537, 171538. Left: HC-CARGO 171533.



Bulb incl.: No
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

Dim.: 248x140x58 mm
Dist. mount. holes: 70 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
RH/LH: RH

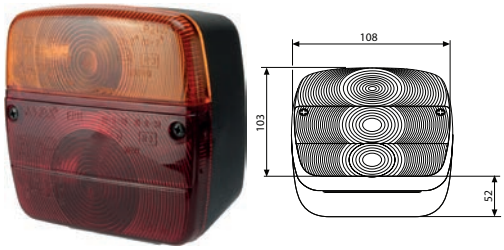
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171822 Multi Function Lamp

Servicing: HC-CARGO 171821

Multi connector: HC-CARGO 171372, 171373. Lens: HC-CARGO 170833.

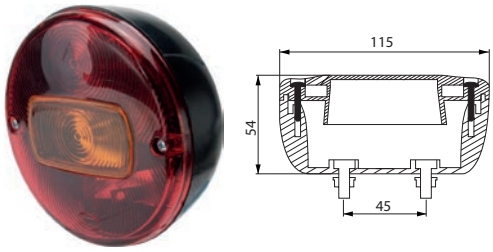


Bulb incl.: Yes
Watt 1: 21
Watt 2: 21/5

Dim.: 108x103x52 mm
Dist. mount. holes: 45/55 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Shape: Square
Flasher light: w/
Sidemarker: w/
Stop light: w/
E-approval: Yes

171917 Multi Function Lamp



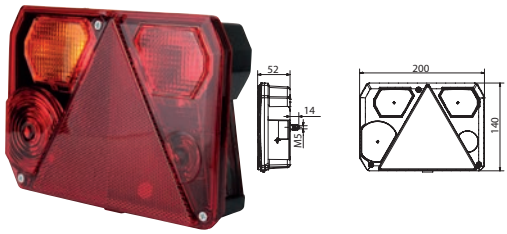
Bulb incl.: No
Watt 1: 5
Watt 2: 18
Watt 3: 18

Dim.: 115x54 mm
OD: 115 mm
Dist. mount. holes: 45 mm

Bulb type 1: 10.5x36 mm
Bulb type 2: 15x41 mm
Bulb type 3: 15x41 mm
Socket type: S8.5
Socket type 2: S8.5
Socket type 3: S8.5
Colour/glass: Red/yellow
Material/dome: PMMA
Shape: Round
Fixing screw: 2
Flasher light: w/
Tail light: w/
Stop light: w/
RH/LH: RH/LH

172021 Multi Function Lamp

Lens: HC-CARGO 172023. Right: HC-CARGO 172022.



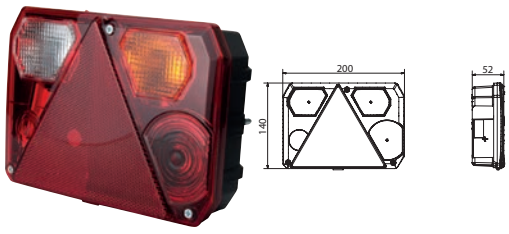
Bulb incl.: No
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

Dim.: 200x140x52 mm
Dist. mount. holes: 152 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Material: Shockproof plastic
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Rear/fog lamp: w/
Tail light: w/
Stop light: w/
RH/LH: LH
E-approval: Yes

172022 Multi Function Lamp

Lens: HC-CARGO 172024. Left: HC-CARGO 172021.



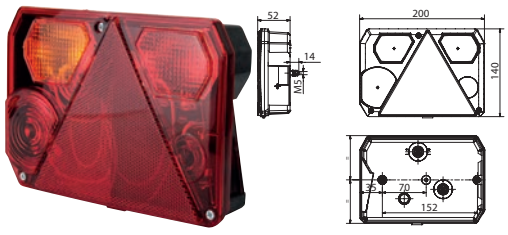
Bulb incl.: No
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

Dim.: 200x140x52 mm
Dist. mount. holes: 152 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Material: Shockproof plastic
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: RH
E-approval: Yes

172025 Multi Function Lamp

Lens: HC-CARGO 172023. Right: HC-CARGO 172026. Plug: HC-CARGO 171537, 171538.



Bulb incl.: Yes
Voltage: 12
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

Dim.: 200x140x52 mm
Dist. mount. holes: 152 mm

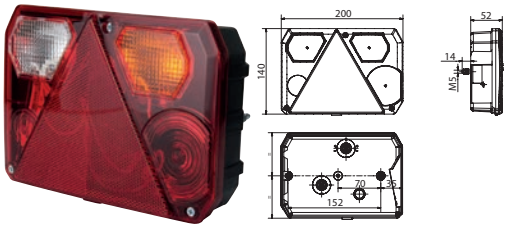
Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Material: Shockproof plastic
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Rear/fog lamp: w/
Tail light: w/
Stop light: w/
RH/LH: LH
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

172026 Multi Function Lamp

Lens: HC-CARGO 172024. Left: HC-CARGO 172025. Plug: HC-CARGO 171537, 171538.



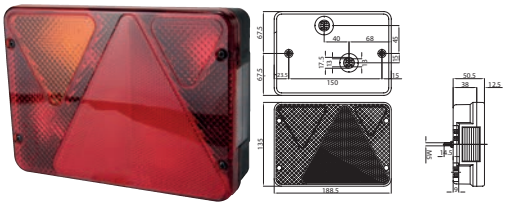
Bulb incl.: Yes
Voltage: 12
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

Dim.: 200x140x52 mm
Dist. mount. holes: 152 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Material: Shockproof plastic
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: RH
E-approval: Yes

172047 Multi Function Lamp

Lens: HC-CARGO 172051. Right: HC-CARGO 172048. Plug: HC-CARGO 171537, 171538.



Bulb incl.: Yes
Voltage: 12
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

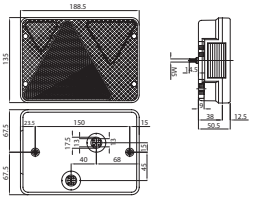
Dim.: 188.5x135x50.5 mm
Dist. mount. holes: 150 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Colour: Black
Material: Polypropylene
Material/dome: PMMA
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Rear/fog lamp: w/
Tail light: w/
Stop light: w/
RH/LH: LH
Approvals: CE
E-approval: Yes

172048 Multi Function Lamp

Lens: HC-CARGO 172052. Left: HC-CARGO 172047. Plug: HC-CARGO 171537, 171538.

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Bulb incl.: Yes
Voltage: 12
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

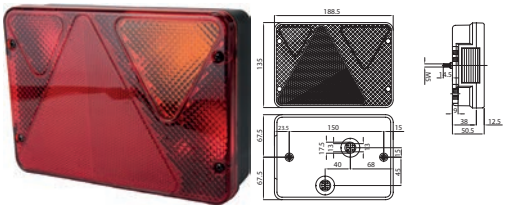
Dim.: 188.5x135x50.5 mm
Dist. mount. holes: 150 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Colour: Black
Material: Polypropylene
Material/dome: PMMA
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Rear/fog lamp: w/
Tail light: w/
Stop light: w/
RH/LH: RH
Approvals: CE
E-approval: Yes

172049 Multi Function Lamp

Servicing: UK

Lens: HC-CARGO 172057. Left: HC-CARGO 172050. Plug: HC-CARGO 171537, 171538.



Bulb incl.: Yes
Voltage: 12
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

Dim.: 188.5x135x50.5 mm
Dist. mount. holes: 150 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Colour: Black
Material: Polypropylene
Material/dome: PMMA
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Rear/fog lamp: w/
Tail light: w/
Stop light: w/
RH/LH: RH
Approvals: CE
E-approval: Yes

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

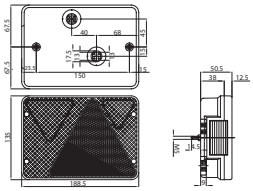
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

172050 Multi Function Lamp

Servicing: UK

Lens: HC-CARGO 172058. Right: HC-CARGO 172049. Plug: HC-CARGO 171537, 171538.

NEW PRODUCT
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Bulb incl.: Yes
Voltage: 12
Watt 1: 21
Watt 2: 21/5
Watt 3: 5

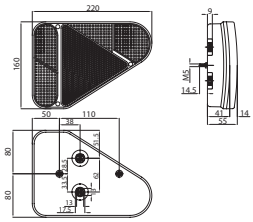
Dim.:
188.5x135x50.5 mm
Dist. mount. holes:
150 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Socket type 3: S8.5
Colour: Black
Material: Polypropylene
Material/dome: PMMA
Reflector: w/
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Rear/fog lamp: w/
Tail light: w/
Stop light: w/
RH/LH: LH
Approvals: CE
E-approval: Yes

172068 Multi Function Lamp

Lens: HC-CARGO 172070. Right: HC-CARGO 172069. Plug: HC-CARGO 171537, 171538

NEW PRODUCT
www.hc-cargo.com



Bulb incl.: Yes
Voltage: 12
Watt 1: 21/5
Watt 2: 21

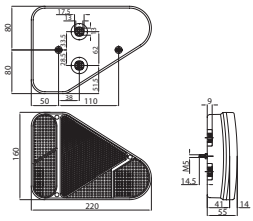
Dim.: 220x160x55 mm
Dist. mount. holes:
110 mm

Socket type 1: BAY15d
Socket type 2: BA15S
Colour: Black
Material: Polypropylene
Material/dome: Polycarbonate
Shape: Triangle
Reflector: w/
Fixing screw: 2
Flasher light: w/
Rear/fog lamp: w/
Sidemarker: w/
Stop light: w/
RH/LH: LH
E-approval: Yes

172069 Multi Function Lamp

Lens: HC-CARGO 172071. Right: HC-CARGO 172068. Plug: HC-CARGO 171537, 171538

NEW PRODUCT
www.hc-cargo.com



Bulb incl.: Yes
Voltage: 12
Watt 1: 21/5
Watt 2: 21

Dim.: 220x160x55 mm
Dist. mount. holes:
110 mm

Socket type 1: BAY15d
Socket type 2: BA15S
Colour: Black
Material: Polypropylene
Material/dome: Polycarbonate
Shape: Triangle
Reflector: w/
Fixing screw: 2
Flasher light: w/
Rear/fog lamp: w/
Sidemarker: w/
Stop light: w/
RH/LH: RH
E-approval: Yes

SPARE PARTS

170687 Lens, Rear Lamp

Servicing: HC-CARGO 170685



Dim.: 104x98 mm

RH/LH: RH/LH

170833 Lens, Rear Lamp

Servicing: HC-CARGO 170939, 170940



Dim.: 108x103x52 mm

Material: Shockproof plastic
Flasher light: w/
Tail light: w/
Stop light: w/
RH/LH: RH/LH

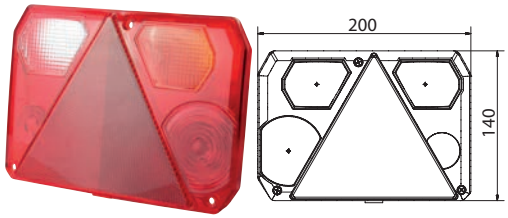
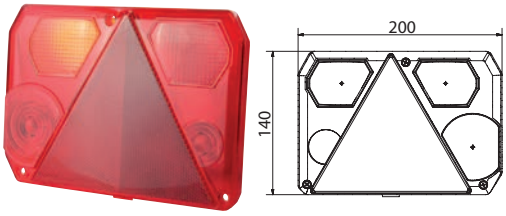
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170847 Lens, Rear Lamp	**Servicing:** HC-CARGO 170846		
		**Dim.:** 111x82 mm	**Material:** Shockproof plastic **RH/LH:** RH/LH
170944 Lens, Rear Lamp	**Servicing:** HC-CARGO 170943		
		**Dim.:** 120x80 mm	**Material:** Shockproof plastic **Shape:** Rectangular **RH/LH:** RH/LH
171015 Lens, Rear Lamp	**Servicing:** HC-CARGO 171013, 171533		
		**Dim.:** 218x140 mm	**Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **RH/LH:** LH
171016 Lens, Rear Lamp	**Servicing:** HC-CARGO 171534, 171014		
		**Dim.:** 218x140 mm	**Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **RH/LH:** RH
171056 Lens, Rear Lamp	**Servicing:** HC-CARGO 171051, 171053		
		**Dim.:** 235x135x52 mm	**Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Numberplate light:** w/ **RH/LH:** RH
171057 Lens, Rear Lamp	**Servicing:** HC-CARGO 171050, 171054		
		**Dim.:** 235x135x52 mm	**Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Numberplate light:** w/ **RH/LH:** LH
171058 Lens, Rear Lamp	**Servicing:** HC-CARGO 171052		
		**Dim.:** 235x135 mm	**Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Numberplate light:** w/ **RH/LH:** RH

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171059 Lens, Rear Lamp	**Servicing:** HC-CARGO 171055		
		**Dim.:** 235x135 mm	**Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Numberplate light:** w/ **RH/LH:** LH
171162 Lens, Rear Lamp	**Servicing:** Ford Transit 1986		
		**Dim.:** 364x94 mm	**Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **E-approval:** Yes
171236 Lens, Rear Lamp	**Servicing:** HC-CARGO 171191		
		**Dim.:** 122.5x122.5x53 mm	**Shape:** Square **RH/LH:** RH/LH
171237 Lens, Rear Lamp	**Servicing:** HC-CARGO 171192, 171193, 171194, 171195		
		**OD:** 140 mm	**Type:** Tail lamp **Material:** Plastic **Shape:** Circular **RH/LH:** RH/LH
171253 Lens, Rear Lamp	**Servicing:** HC-CARGO 171202		
		**Dim.:** 93x99 mm	**Material:** Shockproof plastic **Shape:** Hexagon **RH/LH:** RH/LH
171258 Lens, Rear Lamp	**Servicing:** HC-CARGO 171203		
		**Dim.:** 158x64 mm	**Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **RH/LH:** LH
171259 Lens, Rear Lamp	**Servicing:** HC-CARGO 171204		
		**Dim.:** 158x64 mm	**Shape:** Rectangular **Reflector:** w/ **RH/LH:** RH

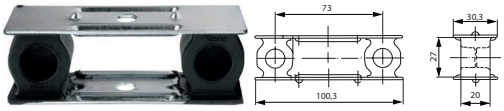
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171264 Lens, Rear Lamp	**Servicing:** HC-CARGO 171213		
		**Dim.:** 235x135 mm	**Shape:** Rectangular **Reflector:** w/ **Numberplate light:** w/ **RH/LH:** LH
171265 Lens, Rear Lamp	**Servicing:** HC-CARGO 171214		
		**Dim.:** 235x135 mm	**Shape:** Rectangular **Reflector:** w/ **Numberplate light:** w/ **RH/LH:** RH
171330 Lens, Rear Lamp	**Servicing:** HC-CARGO 171328, 171329		
		**OD:** 140 mm	**Material:** Plastic **Shape:** Circular **RH/LH:** RH/LH
172023 Lens, Rear Lamp	**Servicing:** HC-CARGO: 172021		
		**Dim.:** 200x140 mm	**Reflector:** w/ **RH/LH:** LH
172024 Lens, Rear Lamp	**Servicing:** HC-CARGO: 172022		
		**Dim.:** 200x140 mm	**Reflector:** w/ **Reverse light:** w/ **RH/LH:** RH
172051 Lens, Rear Lamp	**Servicing:** HC-CARGO 172047		
NEW PRODUCT www.hc-cargo.com		**Dim.:** 188.5x135 mm	**Material/dome:** PMMA
172052 Lens, Rear Lamp	**Servicing:** HC-CARGO 172048		
NEW PRODUCT www.hc-cargo.com		**Dim.:** 188.5x135 mm	**Material:** PMMA

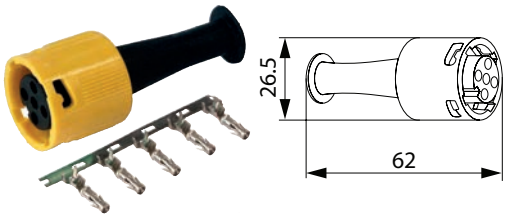
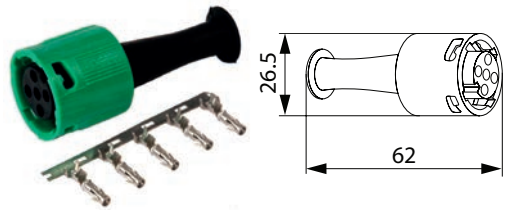
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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
172057 Lens, Rear Lamp	**Servicing:** HC-CARGO 172049		
NEW PRODUCT www.hc-cargo.com		**Dim.:** 188.5x135 mm	**Material/dome:** PMMA
172058 Lens, Rear Lamp	**Servicing:** HC-CARGO 172050		
NEW PRODUCT www.hc-cargo.com		**Dim.:** 188.5x135 mm	**Material/dome:** PMMA
172070 Lens, Rear Lamp	**Servicing:** HC-CARGO 172068		
NEW PRODUCT www.hc-cargo.com		**Dim.:** 220x160 mm	**Material/dome:** Polycarbonate **Shape:** Triangle **RH/LH:** LH
172071 Lens, Rear Lamp	**Servicing:** HC-CARGO 172069		
NEW PRODUCT www.hc-cargo.com		**Dim.:** 220x160 mm	**Material/dome:** Polycarbonate **Shape:** Triangle **RH/LH:** RH

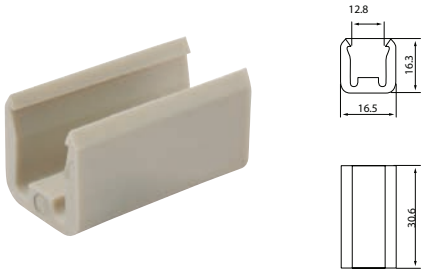
ACCESSORIES

170604 Vibration Damper	**Servicing:** HC-CARGO 170602, 171323	
Gives a longer life to the bulbs.		
		
171266 Repair Kit	**Servicing:** HC-CARGO 171193, 171195, 171329, 171549, 171550	
Circulars.		
		

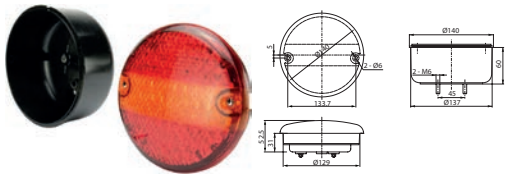
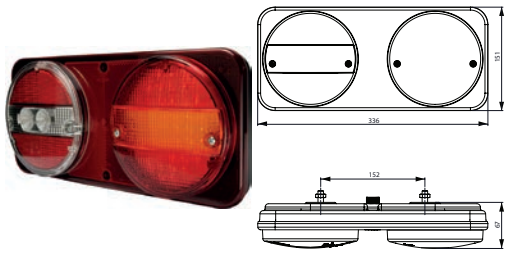
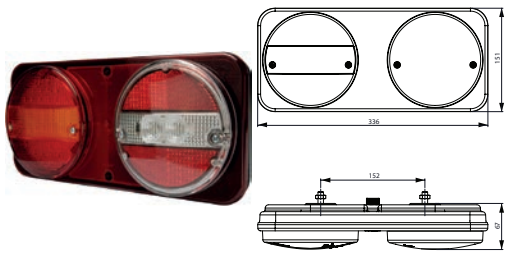
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171372 Multi Connector	**Servicing:** HC-CARGO 171050, 171051, 171052, 171053, 171054, 171055, 171818, 171821		
Socket w/ quick connection.			
		**Dim.:** 62x26.5 mm	**Colour/glass:** Yellow **RH/LH:** LH **E-approval:** Yes
171373 Multi Connector	**Servicing:** HC-CARGO 171050, 171051, 171052, 171053, 171054, 171055, 171818, 171821		
Socket w/ quick connection.			
		**Dim.:** 62x26.5 mm	**Colour/glass:** Green **RH/LH:** RH **E-approval:** Yes
171537 Multi Connector	**Servicing:** HC-CARGO 171533, 171534, 172021, 172022, 172025, 172026		
Socket w/ quick connection.			
			**Colour:** Red **RH/LH:** LH
171538 Multi Connector	**Servicing:** HC-CARGO 171533, 171534, 172021, 172022, 172025, 172026		
Socket w/ quick connection.			
			**Colour:** Green **RH/LH:** RH
171788 Multiconnector 7 pin	**Servicing:** HC-CARGO 171506, 171756, 171757, 171802, 171803, 171927, 171928, 171929, 171930, 172061, 172062, 172063, 172064		
Gasket: HC-CARGO 192178. Terminal: HC-CARGO 193250.			
			**Type/terminal:** Round **Colour:** Black **No./poles:** 7 **Plug:** Female
172015 Cable w/ plug			
Cover of click-in connector HC-CARGO 172016.			
			**Type:** Clip-on, Round

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
172016 Cover of click-in connector	**Servicing:** HC-CARGO 171730, 171731, 171732, 171733, 171734, 172015		
		**ID:** 12.8 mm **Total length:** 30.6 mm **Height:** 16.3 mm **Width:** 16.5 mm	
172066 Multiconnector 7 pin	**Servicing:** HC-CARGO 171506, 171756, 171757, 171802, 171803, 171927, 171928, 171929, 171930, 172061, 172062, 172063, 172064		
			**Type/terminal:** Round **Colour:** Black **No./poles:** 7 **Plug:** Female
181627 Bayonet connector	**Servicing:** HC-CARGO 181617		
	**Voltage:** 12		**Mount.:** Terminal **No./poles:** 8

TRAILER LAMPS LED

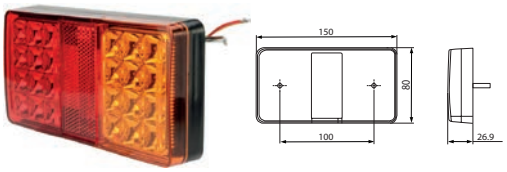
171549 LED Multifunction Lamp *Mounting kit: HC-CARGO 171266.*			
	**Voltage:** 9-33	**Dim.:** 140x60 mm **Dist. mount. holes:** 45 mm	**Type:** LED **Colour:** Black **Material:** Shockproof plastic **Shape:** Circular **Fixing screw:** 2 **Flasher light:** w/ **Tail light:** w/ **Stop light:** w/ **No./LEDs:** 63 **E-approval:** Yes
171665 LED Multifunction Lamp *Right: HC-CARGO 171666.*			
	**Voltage:** 12/24	**Dim.:** 336x151x67 mm **Dist. mount. holes:** 152 mm	**Type:** LED **Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Flasher light:** w/ **Reverse light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** LH **E-approval:** Yes
171666 LED Multifunction Lamp *Left: HC-CARGO 171665.*			
	**Voltage:** 12/24	**Dim.:** 336x151x67 mm **Dist. mount. holes:** 152 mm	**Type:** LED **Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Flasher light:** w/ **Reverse light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171667 LED Multifunction Lamp

White = ground. Brown = tail light. Red = stop. Yellow = indicator.



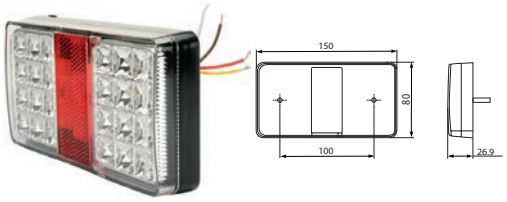
Voltage: 12/24

Dim.: 150x80x26.9 mm
Dist. mount. holes: 100 mm

Type: LED
Material: Plastic
Shape: Rectangular
Reflector: w/
Flasher light: w/
Tail light: w/
Stop light: w/
No./LEDs: 24
Tightness norm: IP 67
E-approval: Yes

171668 LED Multifunction Lamp

White = ground. Brown = tail light. Red = stop. Yellow = indicator.



Voltage: 12/24

Dim.: 150x80x26.9 mm
Dist. mount. holes: 100 mm

Type: LED
Colour/glass: Transparent
Material: Shockproof plastic
Material/dome: Glass
Shape: Rectangular
Reflector: w/
Flasher light: w/
Tail light: w/
Stop light: w/
No./LEDs: 24
Tightness norm: IP 67
E-approval: Yes

171725 LED Multifunction Lamp

Ring: amber, center: red.



Voltage: 12/24

Dim.: 122x84.5 mm
OD: 122 mm
Cable length: 150 mm
Dist. mount. holes: 44 mm

Type: LED
Material: Shockproof plastic
Material/dome: Shockproof plastic
Shape: Round
Fixing screw: 6
Flasher light: w/
Tail light: w/
Stop light: w/
No./LEDs: 44
E-approval: Yes

171726 LED Fog/Reverse Lamp

Ring: clear, center: red.



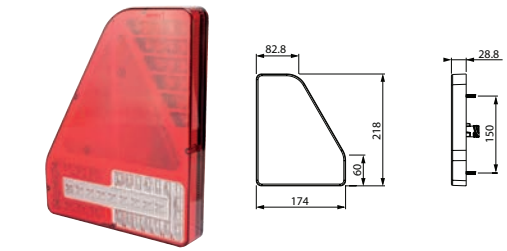
Voltage: 12/24

Dim.: 122x84.5 mm
OD: 122 mm
Cable length: 150 mm
Dist. mount. holes: 44 mm

Type: LED
Material: Shockproof plastic
Material/dome: Shockproof plastic
Rear/fog lamp: w/
Reverse light: w/
No./LEDs: 38
E-approval: Yes

171756 LED Multifunction Lamp

Multi-plug: HC-CARGO 171788, 172066.



Voltage: 12/24

Dim.: 174x218x28.8 mm
Dist. mount. holes: 150 mm

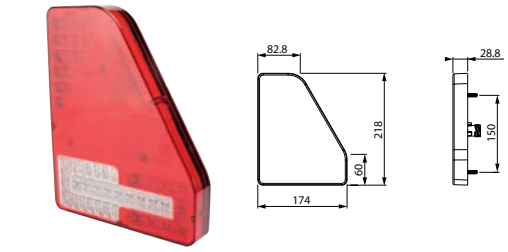
Type: Tail/position lamp
Material: Shockproof plastic
Material/dome: Shockproof plastic
Shape: Triangle
Reflector: w/
Flasher light: w/
Rear/fog lamp: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: RH
Tightness norm: IP 67
Approvals: CE
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171757 LED Multifunction Lamp

Multi-plug: HC-CARGO 171788, 172066.



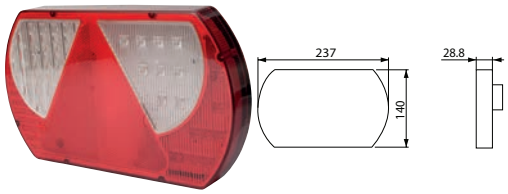
Voltage: 12/24

Dim.: 174x218x28.8 mm
Dist. mount. holes: 150 mm

Type: Tail/position lamp
Material: Shockproof plastic
Material/dome: Shockproof plastic
Shape: Triangle
Reflector: w/
Flasher light: w/
Rear/fog lamp: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: LH
Tightness norm: IP 67
Approvals: CE
E-approval: Yes

171758 LED Multifunction Lamp

White = ground. Red = stop. Black = tail. Yellow = indicator. Brown = reverse.



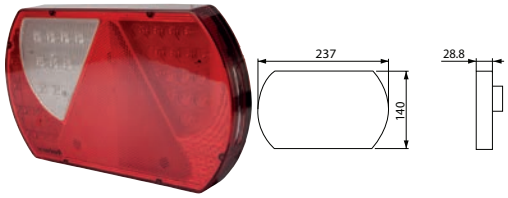
Voltage: 12/24

Dim.: 237x140x28.8 mm
Cable length: 2000 mm
Dist. mount. holes: 152 mm

Type: Tail lamp
Material: Shockproof plastic
Material/dome: Shockproof plastic
Shape: Oval
Mount.: 2 screws
Reflector: w/
Flasher light: w/
Numberplate light: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: RH
Tightness norm: IP 66
E-approval: Yes

171759 LED Multifunction Lamp

White = ground. Red = stop. Black = tail. Yellow = indicator. Blue = fog.



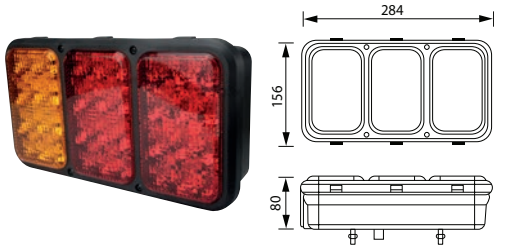
Voltage: 12/24

Dim.: 237x140x28.8 mm
Cable length: 2000 mm
Dist. mount. holes: 152 mm

Type: Tail lamp
Material: Shockproof plastic
Material/dome: Shockproof plastic
Shape: Oval
Mount.: 2 screws
Reflector: w/
Flasher light: w/
Numberplate light: w/
Rear/fog lamp: w/
Tail light: w/
Stop light: w/
RH/LH: LH
Tightness norm: IP 66
E-approval: Yes

171772 LED Multifunction Lamp

White=ground. Brown=tail. Yellow=flasher. Red=stop.



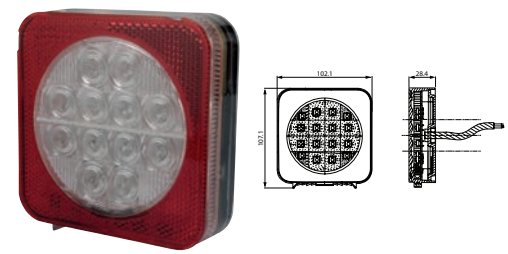
Voltage: 24

Dim.: 284x156x102 mm
Dist. mount. holes: 130x78 mm

Type: Tail lamp
Material: Polypropylene
Material/dome: PMMA
Shape: Rectangular
Mount.: 4 screws
Reflector: w/
Flasher light: w/
Tail light: w/
Stop light: w/
No./LEDs: 3x16
RH/LH: RH/LH
E-approval: Yes

171789 LED Multifunction Lamp

Vertical mount.



Voltage: 12/24

Dim.: 102.1x107.1x28.4 mm
Cable length: 500 mm
Dist. mount. holes: 45 mm

Type: Tail lamp
Bulb type: LED
Material: Polycarbonate
Material/dome: Polycarbonate
Shape: Square
Mount.: 2 screws
Reflector: w/
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
No./LEDs: 12
RH/LH: RH/LH
Tightness norm: IP 67
E-approval: Yes

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

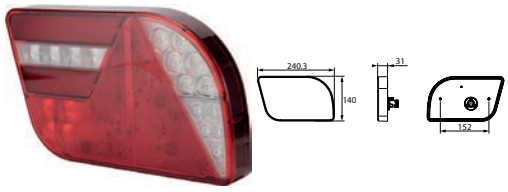
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171790 LED Multifunction Lamp *Vertical mount.*	**Voltage:** 12/24	**Dim.:** 102.1x28.4 mm **Cable length:** 500 mm **Dist. mount. holes:** 45 mm	**Type:** Tail lamp **Material:** Polycarbonate **Material/dome:** Polycarbonate **Shape:** Square **Mount.:** 2 screws **Reflector:** w/ **Flasher light:** w/ **Tail light:** w/ **Stop light:** w/ **No./LEDs:** 12 **RH/LH:** RH/LH **Tightness norm:** IP 67 **E-approval:** Yes
171791 LED Multifunction Lamp *Horizontal mount.*	**Voltage:** 12/24	**Dim.:** 103x101.7x28.4 mm **Cable length:** 500 mm **Dist. mount. holes:** 45 mm	**Type:** Tail lamp **Material:** Polycarbonate **Material/dome:** Polycarbonate **Shape:** Square **Mount.:** 2 screws **Reflector:** w/ **Flasher light:** w/ **Numberplate light:** w/ **Tail light:** w/ **Stop light:** w/ **No./LEDs:** 12 **RH/LH:** RH/LH **Tightness norm:** IP 67 **E-approval:** Yes
171927 LED Multifunction Lamp *Left: HC-CARGO 171928. Multi-plug: HC-CARGO 171788, 172066.*	**Voltage:** 12-24	**Dim.:** 385x150x34.1 mm **Dist. mount. holes:** 152.3 mm	**Type:** LED **Shape:** Rectangular **Reflector:** w/ **Flasher light:** w/ **Rear/fog lamp:** w/ **Reverse light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH **Tightness norm:** IP 67 **Approvals:** CE **E-approval:** Yes
171928 LED Multifunction Lamp *Right: HC-CARGO 171927. Multi-plug: HC-CARGO 171788, 172066.*	**Voltage:** 12-24	**Dim.:** 385x150x34.1 mm **Dist. mount. holes:** 152 mm	**Type:** LED **Shape:** Rectangular **Reflector:** w/ **Flasher light:** w/ **Rear/fog lamp:** w/ **Reverse light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** LH **Tightness norm:** IP 67 **Approvals:** CE **E-approval:** Yes
171929 LED Multifunction Lamp *Left: HC-CARGO 171930. Multi-plug: HC-CARGO 171788, 172066.*	**Voltage:** 12-24	**Dim.:** 240.3x140x31 mm **Dist. mount. holes:** 152 mm	**Type:** LED **Shape:** Rectangular **Reflector:** w/ **Flasher light:** w/ **Rear/fog lamp:** w/ **Reverse light:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH **Tightness norm:** IP 67 **Approvals:** CE **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171930 LED Multifunction Lamp

Right: HC-CARGO 171929. Multi-plug: HC-CARGO 171788, 172066.

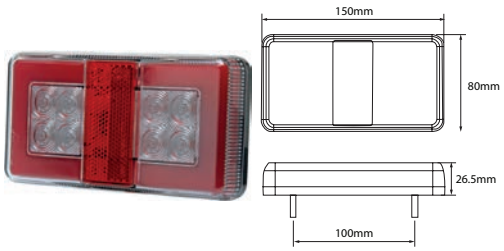


Voltage: 12-24

Dim.: 240.3x140x31 mm
Dist. mount. holes: 152 mm

Type: LED
Shape: Rectangular
Reflector: w/
Flasher light: w/
Rear/fog lamp: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: LH
Tightness norm: IP 67
Approvals: CE
E-approval: Yes

171952 LED Multifunction Lamp



Voltage: 12-24

Dim.: 150x80x26.5 mm
Cable length: 300 mm
Dist. mount. holes: 100 mm

Mount.: 2 screws
Reflector: w/
No./reflectors: 1
Flasher light: w/
Tail light: w/
Stop light: w/
Tightness norm: IP 67
Approvals: CE
E-approval: Yes

172061 LED Multifunction Lamp

Lens: HC-CARGO 172065. Left: HC-CARGO 172062. Plug: HC-CARGO 171788, 172066.



Voltage: 12-24

Dim.: 426.3x155.2x111.6 mm
Dist. mount. holes: 152 mm

Type: LED
Material: PP
Material/dome: Polycarbonate
Shape: Rectangular
Reflector: w/
Flasher light: w/
Rear/fog lamp: w/
Reverse light: w/
Sidemarker lamp: w/
Tail light: w/
Stop light: w/
RH/LH: RH
E-approval: Yes

172062 LED Multifunction Lamp

Lens: HC-CARGO 172065. Right: HC-CARGO 172061. Plug: HC-CARGO 171788, 172066.



Voltage: 12-24

Dim.: 426.3x155.2x111.6 mm
Dist. mount. holes: 152 mm

Type: LED
Material: PP
Material/dome: Polycarbonate
Shape: Rectangular
Reflector: w/
Flasher light: w/
Rear/fog lamp: w/
Reverse light: w/
Sidemarker lamp: w/
Tail light: w/
Stop light: w/
RH/LH: LH
E-approval: Yes

172063 LED Multifunction Lamp

Lens: HC-CARGO 172067. Left: HC-CARGO 172064. Plug: HC-CARGO 171788, 172066.



Voltage: 12-24

Dim.: 401.8x155.2x112.3 mm
Dist. mount. holes: 152 mm

Type: LED
Material: PP
Material/dome: Polycarbonate
Shape: Rectangular
Reflector: w/
Flasher light: w/
Rear/fog lamp: w/
Reverse light: w/
Sidemarker lamp: w/
Tail light: w/
Stop light: w/
RH/LH: RH
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

172064 LED Multifunction Lamp

Lens: HC-CARGO 172067. Right: HC-CARGO 172063. Plug: HC-CARGO 171788, 172066.



Voltage: 12-24

Dim.: 401.8x155.2x112.3 mm
Dist. mount. holes: 152 mm

Type: LED
Material: PP
Material/dome: Polycarbonate
Shape: Rectangular
Reflector: w/
Flasher light: w/
Rear/fog lamp: w/
Reverse light: w/
Sidemarker lamp: w/
Tail light: w/
Stop light: w/
RH/LH: LH
E-approval: Yes

SPARE PARTS

172065 Lens, Rear Lamp

Servicing: HC-CARGO 172061, 172062

NEW PRODUCT
www.hc-cargo.com

Dim.: 401.8x155.2 mm

Material/dome: Polycarbonate
RH/LH: RH/LH

172067 Lens, Rear Lamp

Servicing: HC-CARGO 172063, 172064



Dim.: 401.8x155.2 mm

Material/dome: Polycarbonate
RH/LH: RH/LH

ACCESSORIES

160970 Load Resistor 12 V

Contains: 2 pcs.



Voltage: 12
Amp: 2
Watt: 50

Length: 50 mm
Width: 15 mm

160971 Load Resistor 24 V

Contains: 2 pcs.



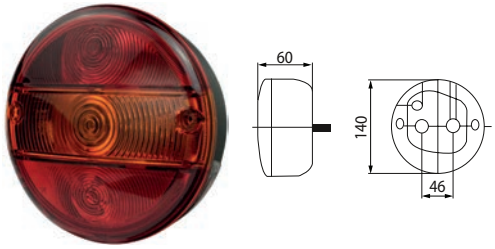
Voltage: 24
Amp: 1
Watt: 50

Length: 50 mm
Width: 15 mm

TRAILER LAMPS CONVENTIONAL (TRUCKS)

171192 Multi Function Lamp

Mounting kit: HC-CARGO 171266. Lens: HC-CARGO 171237.



Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 140x60 mm
OD: 140 mm
Dist. mount. holes: 46 mm

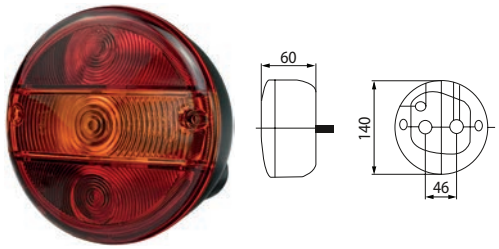
Socket type 1: BA15S
Socket type 2: BA15S
Material: Shockproof plastic
Shape: Round
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171193 Multi Function Lamp

Mounting kit: HC-CARGO 171266. Lens: HC-CARGO 171237.



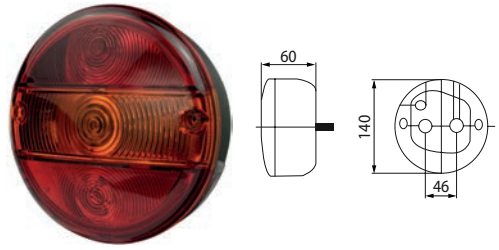
Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 140x60 mm
OD: 140 mm
Dist. mount. holes: 46 mm

Socket type 1: BA15S
Socket type 2: BA15S
Material: Shockproof plastic
Shape: Round
Fixing screw: 2
Flasher light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

171194 Multi Function Lamp

Mounting kit: HC-CARGO 171266. Lens: HC-CARGO 171237.



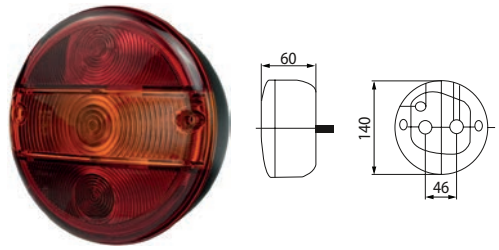
Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 140x60 mm
OD: 140 mm
Dist. mount. holes: 45 mm

Socket type 1: BA15S
Socket type 2: BA15S
Material: Shockproof plastic
Shape: Round
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

171195 Multi Function Lamp

Mounting kit: HC-CARGO 171266. Lens: HC-CARGO 171237.



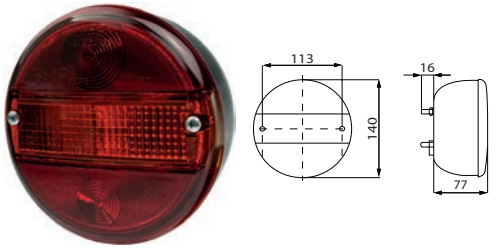
Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 140x60 mm
OD: 140 mm
Dist. mount. holes: 46 mm

Socket type 1: BA15S
Socket type 2: BA15S
Material: Shockproof plastic
Shape: Round
Fixing screw: 2
Flasher light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

171328 Multi Function Lamp

Lens: HC-CARGO 171330.



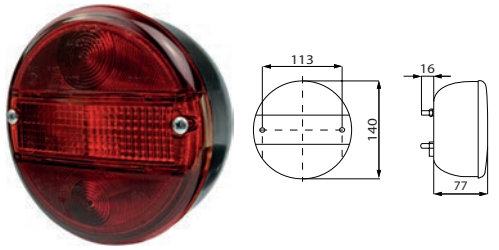
Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 140x77 mm
OD: 140 mm
Dist. mount. holes: 45 mm

Socket type 1: BA15S
Socket type 2: BA15S
Material: Shockproof plastic
Shape: Circular
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

171329 Multi Function Lamp

Mounting kit: HC-CARGO 171266. Lens: HC-CARGO 171330.



Bulb incl.: No

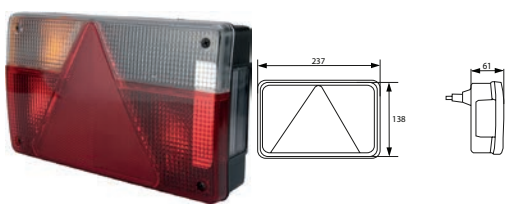
Dim.: 140x77 mm
OD: 140 mm
Dist. mount. holes: 45 mm

Socket type: BA15S
Material: Shockproof plastic
Shape: Circular
Fixing screw: 2
Flasher light: w/
Tail light: w/
Stop light: w/
E-approval: Yes

171870 Multi Function Lamp

Servicing: HC-CARGO 171818, 171872

Multi connector: HC-CARGO 171372, 171373. Lens: HC-CARGO 171834. Right: HC-CARGO 171871.



Bulb incl.: Yes
Voltage: 12

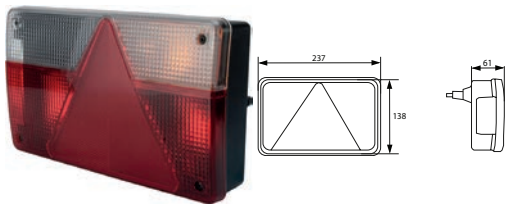
Dim.: 237x138x61 mm

Shape: Rectangular
Flasher light: w/
Numberplate light: w/
Rear/fog lamp: w/
Sidemarker: w/
Stop light: w/
RH/LH: LH
E-approval: Yes

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171871 Multi Function Lamp — **Servicing:** HC-CARGO 171818, 171872

Multi connector: HC-CARGO 171372, 171373. Lens: HC-CARGO 171833. Left: HC-CARGO 171872.

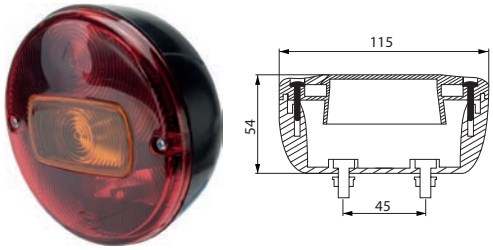


Bulb incl.: Yes
Voltage: 12

Dim.: 237x138x61 mm

Shape: Rectangular
Flasher light: w/
Numberplate light: w/
Rear/fog lamp: w/
Sidemarker: w/
Stop light: w/
RH/LH: RH
E-approval: Yes

171917 Multi Function Lamp



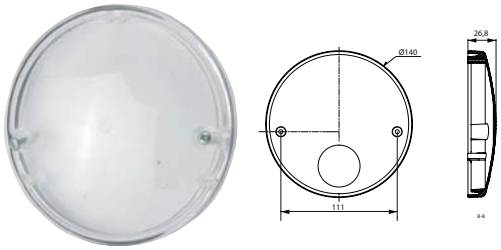
Bulb incl.: No
Watt: 5
Watt 2: 18
Watt 3: 18

Dim.: 115x54 mm
OD: 115 mm
Dist. mount. holes: 45 mm

Bulb type 1: 10.5x36 mm
Bulb type 2: 15x41 mm
Bulb type 3: 15x41 mm
Socket type: S8.5
Socket type 2: S8.5
Socket type 3: S8.5
Colour/glass: Red/yellow
Material/dome: PMMA
Shape: Round
Fixing screw: 2
Flasher light: w/
Tail light: w/
Stop light: w/
RH/LH: RH/LH

SPARE PARTS

170910 Lens, Rear Lamp — **Servicing:** HC-CARGO 170909



Dim.: 140x26.8 mm
Dist. mount. holes: 111 mm

Colour: White
Shape: Round

171237 Lens, Rear Lamp — **Servicing:** HC-CARGO 171192, 171193, 171194, 171195



OD: 140 mm

Type: Tail lamp
Material: Plastic
Shape: Circular
RH/LH: RH/LH

171330 Lens, Rear Lamp — **Servicing:** HC-CARGO 171328, 171329



OD: 140 mm

Shape: Circular
RH/LH: RH/LH

ACCESSORIES

171788 Multiconnector 7 pin — **Servicing:** HC-CARGO 171506, 171756, 171757, 171802, 171803, 171927, 171928, 171929, 171930, 172061, 172062, 172063, 172064

Gasket: HC-CARGO 192178. Terminal: HC-CARGO 193250.



Type/terminal: Round
Colour: Black
No./poles: 7
Plug: Female

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

172066 Multiconnector 7 pin

Servicing: HC-CARGO 171506, 171756, 171757, 171802, 171803, 171927, 171928, 171929, 171930, 172061, 172062, 172063, 172064



Type/terminal: Round
Colour: Black
No./poles: 7
Plug: Female

181627 Bayonet connector

Servicing: HC-CARGO 181617



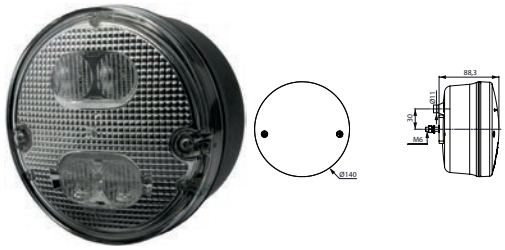
Voltage: 12

Mount.: Terminal
No./poles: 8

TRAILER LAMPS LED (TRUCKS)

170909 LED Fog/Reverse Lamp

Lens and o-ring: HC-CARGO 170910.



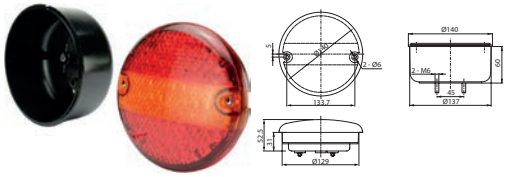
Voltage: 12/24

Dim.: 140x88.3 mm
OD: 140 mm
Dist. mount. holes: 45 mm

Type: LED
Colour/glass: White
Material: Shockproof plastic
Shape: Round
Fixing screw: 2
Rear/fog lamp: w/
Tail light: w/
LEDs: w/
No./LEDs: 4
E-approval: Yes

171549 LED Multifunction Lamp

Mounting kit: HC-CARGO 171266.



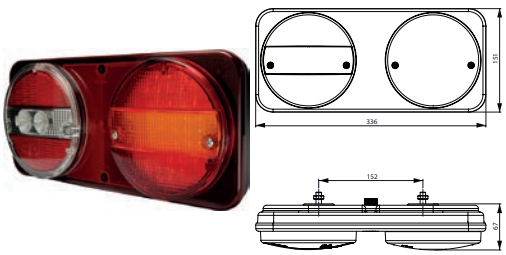
Voltage: 9-33

Dim.: 140x60 mm
Dist. mount. holes: 45 mm

Type: LED
Colour: Black
Material: Shockproof plastic
Shape: Circular
Fixing screw: 2
Flasher light: w/
Tail light: w/
Stop light: w/
No./LEDs: 63
E-approval: Yes

171665 LED Multifunction Lamp

Right: HC-CARGO 171666.



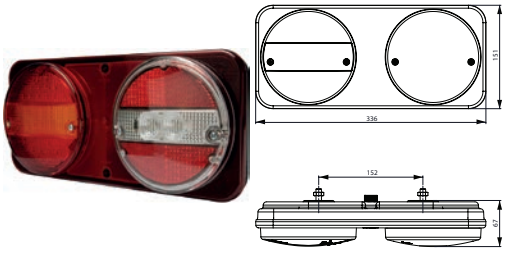
Voltage: 12/24

Dim.: 336x151x67 mm
Dist. mount. holes: 152 mm

Type: LED
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Flasher light: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: LH
E-approval: Yes

171666 LED Multifunction Lamp

Left: HC-CARGO 171665.



Voltage: 12/24

Dim.: 336x151x67 mm
Dist. mount. holes: 152 mm

Type: LED
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Flasher light: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: RH
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171725 LED Multifunction Lamp

Ring: amber, center: red.



Voltage: 12/24

Dim.: 122x84.5 mm
OD: 122 mm
Cable length: 150 mm
Dist. mount. holes: 44 mm

Type: LED
Material: Shockproof plastic
Material/dome: Shockproof plastic
Shape: Round
Fixing screw: 6
Flasher light: w/
Tail light: w/
Stop light: w/
No./LEDs: 44
E-approval: Yes

171726 LED Fog/Reverse Lamp

Ring: clear, center: red.



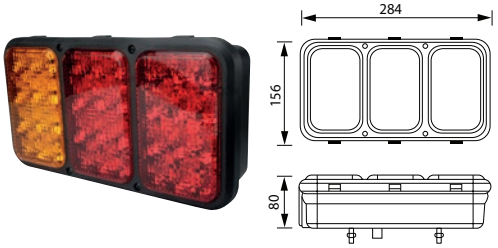
Voltage: 12/24

Dim.: 122x84.5 mm
OD: 122 mm
Cable length: 150 mm
Dist. mount. holes: 44 mm

Type: LED
Material: Shockproof plastic
Material/dome: Shockproof plastic
Rear/fog lamp: w/
Reverse light: w/
No./LEDs: 38
E-approval: Yes

171772 LED Multifunction Lamp

White=ground. Brown=tail. Yellow=flasher. Red=stop.



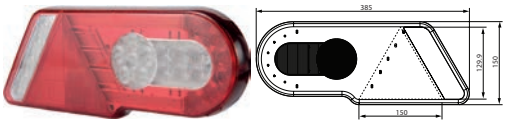
Voltage: 24

Dim.: 284x156x102 mm
Dist. mount. holes: 130x78 mm

Type: Tail lamp
Material: Polypropylene
Material/dome: PMMA
Shape: Rectangular
Mount.: 4 screws
Reflector: w/
Flasher light: w/
Tail light: w/
Stop light: w/
No./LEDs: 3x16
RH/LH: RH/LH
E-approval: Yes

171927 LED Multifunction Lamp

Left: HC-CARGO 171928. Multi-plug: HC-CARGO 171788, 172066.



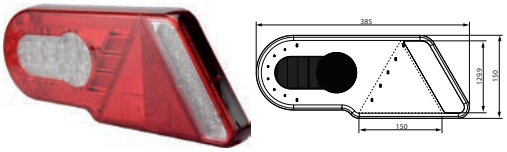
Voltage: 12-24

Dim.: 385x150x34.1 mm
Dist. mount. holes: 152.3 mm

Type: LED
Shape: Rectangular
Reflector: w/
Flasher light: w/
Rear/fog lamp: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: RH
Tightness norm: IP 67
Approvals: CE
E-approval: Yes

171928 LED Multifunction Lamp

Right: HC-CARGO 171927. Multi-plug: HC-CARGO 171788, 172066.



Voltage: 12-24

Dim.: 385x150x34.1 mm
Dist. mount. holes: 152 mm

Type: LED
Shape: Rectangular
Reflector: w/
Flasher light: w/
Rear/fog lamp: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: LH
Tightness norm: IP 67
Approvals: CE
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171929 LED Multifunction Lamp

Left: HC-CARGO 171930. Multi-plug: HC-CARGO 171788, 172066.



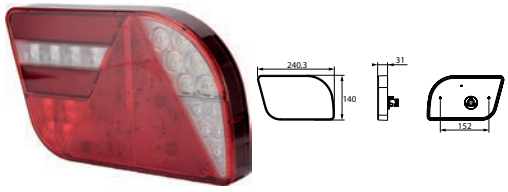
Voltage: 12-24

Dim.: 240.3x140x31 mm
Dist. mount. holes: 152 mm

Type: LED
Shape: Rectangular
Reflector: w/
Flasher light: w/
Rear/fog lamp: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: RH
Tightness norm: IP 67
Approvals: CE
E-approval: Yes

171930 LED Multifunction Lamp

Right: HC-CARGO 171929. Multi-plug: HC-CARGO 171788, 172066.

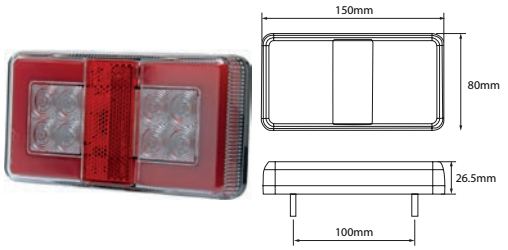


Voltage: 12-24

Dim.: 240.3x140x31 mm
Dist. mount. holes: 152 mm

Type: LED
Shape: Rectangular
Reflector: w/
Flasher light: w/
Rear/fog lamp: w/
Reverse light: w/
Tail light: w/
Stop light: w/
RH/LH: LH
Tightness norm: IP 67
Approvals: CE
E-approval: Yes

171952 LED Multifunction Lamp



Voltage: 12-24

Dim.: 150x80x26.5 mm
Cable length: 300 mm
Dist. mount. holes: 100 mm

Mount.: 2 screws
Reflector: w/
No./reflectors: 1
Flasher light: w/
Tail light: w/
Stop light: w/
Tightness norm: IP 67
Approvals: CE
E-approval: Yes

SPARE PARTS

172065 Lens, Rear Lamp

Servicing: HC-CARGO 172061, 172062

NEW PRODUCT
www.hc-cargo.com

Dim.: 401.8x155.2 mm

Material/dome: Polycarbonate
RH/LH: RH/LH

172067 Lens, Rear Lamp

Servicing: HC-CARGO 172063, 172064



Dim.: 401.8x155.2 mm

Material/dome: Polycarbonate
RH/LH: RH/LH

ACCESSORIES

160970 Load Resistor 12 V

Contains: 2 pcs.



Voltage: 12
Amp: 2
Watt: 50

Length: 50 mm
Width: 15 mm

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160971 Load Resistor 24 V *Contains: 2 pcs.*	**Voltage:** 24 **Amp:** 1 **Watt:** 50	**Length:** 50 mm **Width:** 15 mm	



TRAILER LAMPS (TRUCKS) W/ LED

172061 LED Multifunction Lamp *Lens: HC-CARGO 172065. Left: HC-CARGO 172062. Plug: HC-CARGO 171788, 172066.*	**Voltage:** 12-24	**Dim.:** 426.3x155.2x111.6 mm **Dist. mount. holes:** 152 mm	**Type:** LED **Material:** PP **Material/dome:** Polycarbonate **Shape:** Rectangular **Reflector:** w/ **Flasher light:** w/ **Rear/fog lamp:** w/ **Reverse light:** w/ **Sidemarker lamp:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH **E-approval:** Yes



172062 LED Multifunction Lamp *Lens: HC-CARGO 172065. Right: HC-CARGO 172061. Plug: HC-CARGO 171788, 172066.*	**Voltage:** 12-24	**Dim.:** 426.3x155.2x111.6 mm **Dist. mount. holes:** 152 mm	**Type:** LED **Material:** PP **Material/dome:** Polycarbonate **Shape:** Rectangular **Reflector:** w/ **Flasher light:** w/ **Rear/fog lamp:** w/ **Reverse light:** w/ **Sidemarker lamp:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** LH **E-approval:** Yes



172063 LED Multifunction Lamp *Lens: HC-CARGO 172067. Left: HC-CARGO 172064. Plug: HC-CARGO 171788, 172066.*	**Voltage:** 12-24	**Dim.:** 401.8x155.2x112.3 mm **Dist. mount. holes:** 152 mm	**Type:** LED **Material:** PP **Material/dome:** Polycarbonate **Shape:** Rectangular **Reflector:** w/ **Flasher light:** w/ **Rear/fog lamp:** w/ **Reverse light:** w/ **Sidemarker lamp:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** RH **E-approval:** Yes



172064 LED Multifunction Lamp *Lens: HC-CARGO 172067. Right: HC-CARGO 172063. Plug: HC-CARGO 171788, 172066.*	**Voltage:** 12-24	**Dim.:** 401.8x155.2x112.3 mm **Dist. mount. holes:** 152 mm	**Type:** LED **Material:** PP **Material/dome:** Polycarbonate **Shape:** Rectangular **Reflector:** w/ **Flasher light:** w/ **Rear/fog lamp:** w/ **Reverse light:** w/ **Sidemarker lamp:** w/ **Tail light:** w/ **Stop light:** w/ **RH/LH:** LH **E-approval:** Yes

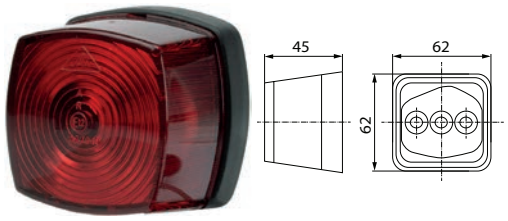


O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

TAIL LAMPS CONVENTIONAL

171173 Tail Lamp

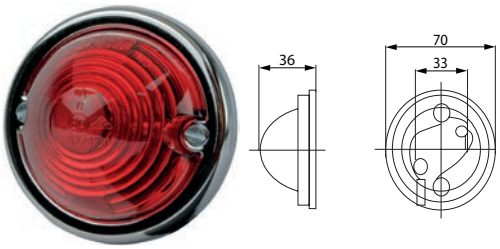


Watt: 5

Dim.: 62x62x45 mm
Dist. mount. holes: 30 mm

Socket type: S8.5
Colour/glass: Red
Material: Shockproof plastic
Shape: Rectangular
Fixing screw: 2
Sidemarker: w/
E-approval: Yes

171178 Tail Lamp

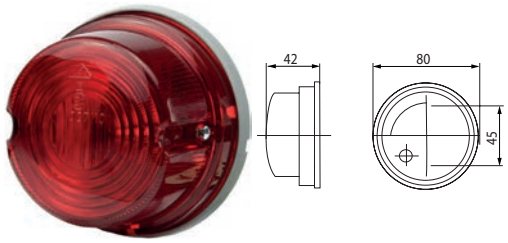


Watt: 5

Dim.: 70x36 mm
Dist. mount. holes: 33 mm

Socket type: S8.5
Colour/glass: Red
Material: Steel
Fixing screw: 2
E-approval: Yes

171181 Tail Lamp

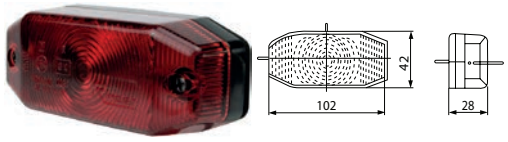


Watt: 5

Dim.: 80x42 mm
Dist. mount. holes: 45 mm

Socket type: S8.5
Colour/glass: Red
Material: Shockproof plastic
Fixing screw: 2
E-approval: Yes

171331 Tail Lamp



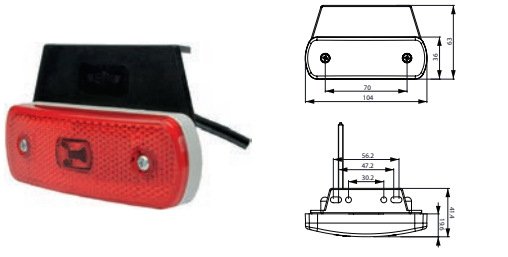
Watt: 5

Dim.: 102x42x28 mm
Dist. mount. holes: 65 mm

Socket type: S8.5
Colour/glass: Red
Material: Plastic
Fixing screw: 2
E-approval: Yes

TAIL LAMPS LED

171580 LED Tail Lamp

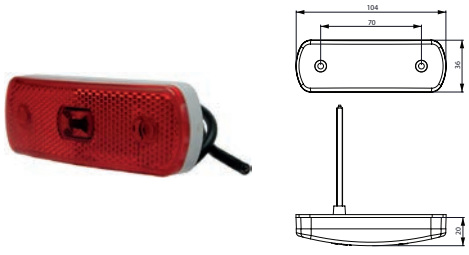


Voltage: 12

Dim.: 104x36x19.6 mm
Cable length: 500 mm
Dist. mount. holes: 70 mm

Type: LED
Colour/glass: Red
Material: Shockproof plastic
Shape: Rectangular
Bracket: Angled
Reflector: w/
Fixing screw: 2
Tail light: w/
No./LEDs: 3
E-approval: Yes

171599 LED Tail Lamp

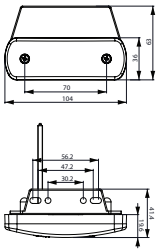
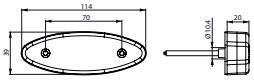
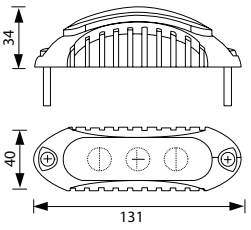
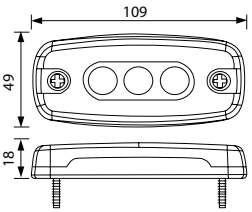
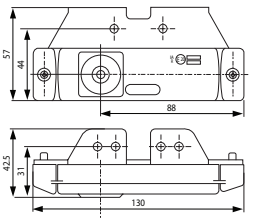
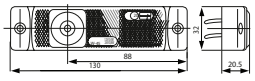
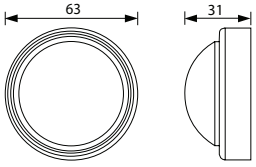


Voltage: 24

Dim.: 104x36x20 mm
Cable length: 500 mm
Dist. mount. holes: 70 mm

Type: LED
Colour/glass: Red
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Tail light: w/
No./LEDs: 3
E-approval: Yes

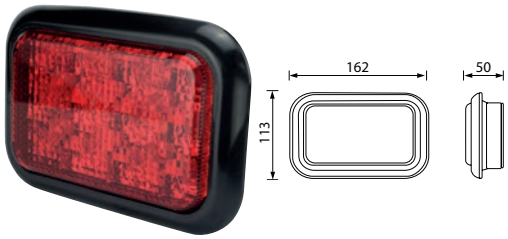
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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171600 LED Tail Lamp			
 	**Voltage:** 24	**Dim.:** 104x36x19.6 mm **Cable length:** 500 mm **Dist. mount. holes:** 70 mm	**Type:** LED **Colour/glass:** Red **Material:** Shockproof plastic **Shape:** Rectangular **Bracket:** Angled **Reflector:** w/ **Fixing screw:** 2 **Tail light:** w/ **No./LEDs:** 3 **E-approval:** Yes
171605 LED Tail Lamp			
 	**Voltage:** 24	**Dim.:** 114x39x20 mm **Cable length:** 500 mm **Dist. mount. holes:** 70 mm	**Type:** LED **Colour/glass:** Red **Material:** Shockproof plastic **Shape:** Oval **Reflector:** w/ **Fixing screw:** 2 **Tail light:** w/ **No./LEDs:** 3 **Approvals:** ADR **E-approval:** Yes
171635 LED Tail Lamp			
 	**Voltage:** 9-36	**Dim.:** 131x40x34 mm **Dist. mount. holes:** 115 mm	**Type:** LED **Colour/glass:** Red **Material:** PP/PMMA **Shape:** Oval **Tail light:** w/ **No./LEDs:** 3 **E-approval:** Yes
171637 LED Tail Lamp			
 	**Voltage:** 9-36 **Watt:** 0.9	**Dim.:** 109x49x18 mm **Dist. mount. holes:** 83 mm	**Type:** LED **Colour/glass:** Red **Shape:** Rectangular **Reflector:** w/ **Tail light:** w/ **No./LEDs:** 3 **E-approval:** Yes
171719 LED Tail Lamp			
 	**Voltage:** 12/24	**Dim.:** 130x57x42.5 mm **Dist. mount. holes:** 50 mm	**Type:** LED **Colour/glass:** Red **Material:** Shockproof plastic **Shape:** Rectangular **Bracket:** Angled **Reflector:** w/ **Tail light:** w/ **No./LEDs:** 1 **E-approval:** Yes
171720 LED Tail Lamp			
 	**Voltage:** 12/24	**Dim.:** 130x32x20.5 mm **Dist. mount. holes:** 50 mm	**Type:** LED **Colour/glass:** Red **Material:** Shockproof plastic **Shape:** Rectangular **Reflector:** w/ **Tail light:** w/ **No./LEDs:** 1 **E-approval:** Yes
171743 LED Tail Lamp			
 	**Voltage:** 9-36	**Dim.:** 63x31 mm **Cable length:** 300 mm **Dist. mount. holes:** 30 mm	**Type:** LED **Colour:** Black **Colour/glass:** Red **Material:** PVC **Material/dome:** PMMA **Mount.:** 2 screws **Tail light:** w/ **No./LEDs:** 3 **Approvals:** ADR/SAE **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171771 LED Tail Lamp

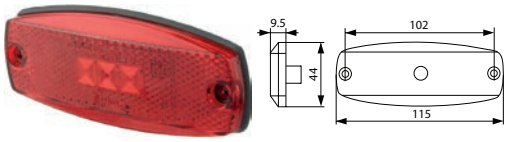


Voltage: 24
Watt: 2.5

Dim.: 162x113x50 mm

Type: Tail lamp
Colour/glass: Red
Material: ABS plastic
Material/dome: PMMA
Shape: Rectangular
Mount.: Plan installation
Tail light: w/
Stop light: w/
No./LEDs: 16
RH/LH: RH/LH
E-approval: Yes

171840 LED Tail Lamp

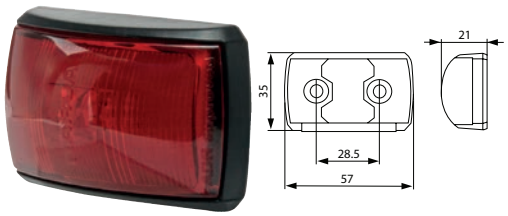


Voltage: 12/24
Watt: 0.45-1.6

Dim.: 115x44x9.5 mm
Cable length: 5000 mm
Dist. mount. holes: 102 mm

Type: LED
Colour: White
Colour/glass: Red
Material: Polycarbonate
Material/dome: Polycarbonate
Shape: Rectangular
Mount.: 2 screws
Reflector: w/
Tail light: w/
No./LEDs: 3
Tightness norm: IP 67
Approvals: SAE
E-approval: Yes

171843 LED Tail Lamp

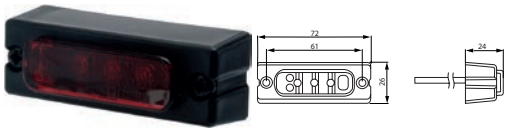


Voltage: 12/24

Dim.: 57x35x21 mm
Cable length: 400 mm
Dist. mount. holes: 28 mm

Type: LED
Colour: Black
Colour/glass: Red
Shape: Rectangular
Fixing screw: 2
Tail light: w/
No./LEDs: 2
Tightness norm: IP 67
E-approval: Yes

171861 LED Tail Lamp

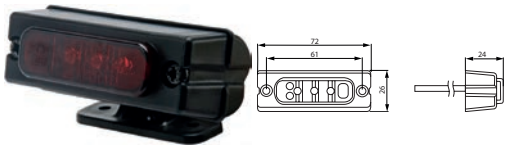


Voltage: 12/24
Watt: 0.3-0.6

Dim.: 72x26x24 mm
Cable length: 5000 mm

Type: LED
Colour: Black
Colour/glass: Red
Material: PP
Material/dome: PMMA
Shape: Rectangular
Fixing screw: 2
Tail light: w/
No./LEDs: 3
Approvals: CE
E-approval: Yes

171867 LED Tail Lamp

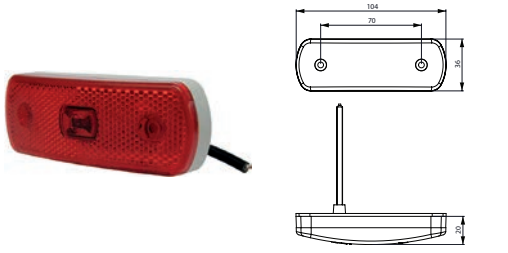


Voltage: 12/24
Watt: 0.3-0.6

Dim.: 72x26x24 mm
Cable length: 5000 mm

Type: LED
Colour: Black
Colour/glass: Red
Material: PP
Material/dome: PMMA
Shape: Rectangular
Bracket: Adjustable
Fixing screw: 2
Tail light: w/
No./LEDs: 3
Approvals: CE
E-approval: Yes

172034 LED Tail Lamp

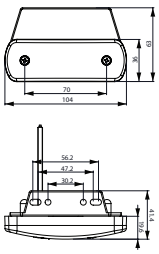
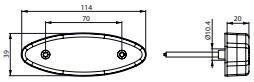


Voltage: 12/24

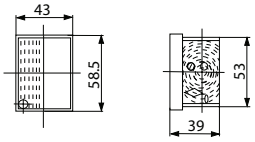
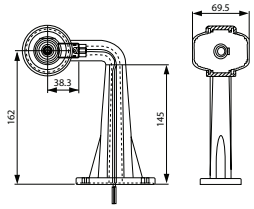
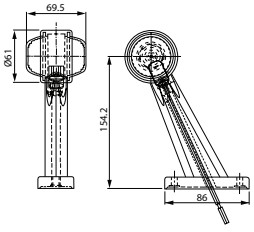
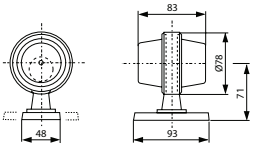
Dim.: 104x36x20 mm
Cable length: 500 mm
Dist. mount. holes: 70 mm

Type: LED
Colour/glass: Red
Material: Shockproof plastic
Shape: Rectangular
Reflector: w/
Fixing screw: 2
Tail light: w/
No./LEDs: 3
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
172035 LED Tail Lamp			
 	**Voltage:** 12/24	**Dim.:** 104x36x20 mm **Cable length:** 500 mm **Dist. mount. holes:** 70 mm	**Type:** LED **Colour/glass:** Red **Material:** Shockproof plastic **Shape:** Rectangular **Bracket:** Angled **Reflector:** w/ **Fixing screw:** 2 **Tail light:** w/ **No./LEDs:** 3 **E-approval:** Yes
172040 LED Tail Lamp			
 	**Voltage:** 12/24	**Dim.:** 114x39x20 mm **Cable length:** 500 mm **Dist. mount. holes:** 70 mm	**Type:** LED **Colour/glass:** Red **Material:** Shockproof plastic **Shape:** Oval **Reflector:** w/ **Fixing screw:** 2 **Tail light:** w/ **No./LEDs:** 3 **Approvals:** ADR **E-approval:** Yes

TAIL POSITION LAMPS CONVENTIONAL

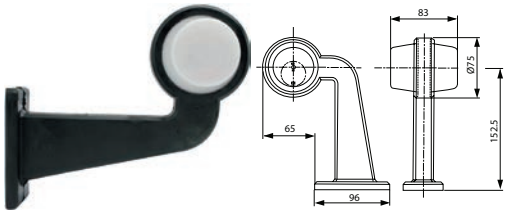
170552 Tail/Position Lamp			
 	**Bulb incl.:** No **Watt:** 5	**Dim.:** 58.5x43x39 mm **Dist. mount. holes:** 25 mm	**Socket type:** S8.5 **Colour/glass:** Red/white **Material:** Shockproof plastic **Shape:** Rectangular **Fixing screw:** 2 **Sidemarker:** w/ **Tail light:** w/ **RH/LH:** RH/LH **E-approval:** Yes
170632 Tail/Position Lamp			
Lens: HC-CARGO 170635, 170636.			
 	**Bulb incl.:** No **Watt:** 10	**Dim.:** 162x69.5 mm **Dist. mount. holes:** 76 mm	**Socket type:** BA15S **Colour/glass:** Red/white **Sidemarker:** w/ **Tail light:** w/ **E-approval:** Yes
170633 Tail/Position Lamp			
Lens: HC-CARGO 170635, 170636.			
 	**Bulb incl.:** No **Watt:** 10	**Dim.:** 154.2x69.5 mm **Dist. mount. holes:** 75 mm	**Socket type:** BA15S **Colour/glass:** Red/white **Sidemarker:** w/ **Tail light:** w/ **E-approval:** Yes
170640 Tail/Position Lamp			
Lens: HC-CARGO 170642, 170641. Bulb holder: HC-CARGO 170671.			
 	**Bulb incl.:** No **Watt:** 5	**Dim.:** 110x78x93 mm **OD:** 60 mm **Dist. mount. holes:** 75 mm	**Socket type:** BA15S **Colour/glass:** Red/white **Shape:** Round **Sidemarker:** w/ **Tail light:** w/ **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

170668 Tail/Position Lamp

Lens: HC-CARGO 170642, 170641. Bulb holder: HC-CARGO 170671. Bulbs: HC-CARGO 170773.

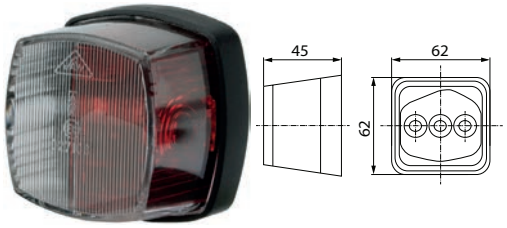


Bulb incl.: No
Watt: 5

Dim.: 152.5x83 mm
OD: 60 mm
Dist. mount. holes: 74 mm

Socket type: BA15S
Colour/glass: Red/white
Sidemarker: w/
Tail light: w/
E-approval: Yes

171196 Tail/Position Lamp

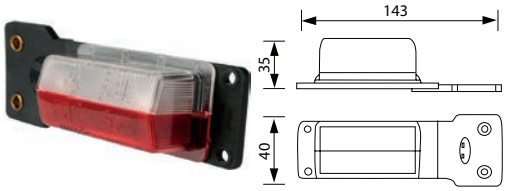


Bulb incl.: No
Watt: 5

Dim.: 62x62x45 mm
Dist. mount. holes: 30 mm

Socket type: S8.5
Colour/glass: Red/white
Material: Shockproof plastic
Shape: Square
Fixing screw: 2
Sidemarker: w/
Tail light: w/
RH/LH: RH/LH
E-approval: Yes

171627 Tail/Position Lamp



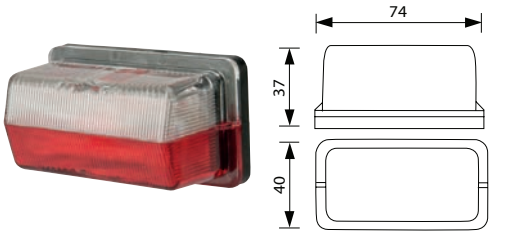
Bulb incl.: No
Voltage: 12/24
Watt: 5

Dim.: 143x40x35 mm
Dist. mount. holes: 30 mm

Socket type: S8.5
Material: Plastic
Shape: Rectangular
Sidemarker: w/
Tail light: w/
Approvals: ADR
E-approval: Yes

171706 Tail/Position Lamp

Servicing: HC-CARGO 171627



Bulb incl.: No
Voltage: 12/24
Watt: 5

Dim.: 74x40x37 mm
Dist. mount. holes: 45 mm

Socket type: S8.5
Shape: Rectangular
Sidemarker: w/
Tail light: w/
Approvals: ADR
E-approval: Yes

SPARE PARTS

170635 Lens

Servicing: HC-CARGO 170632, 170633



Colour/glass: White
Material: Glass
Shape: Round

170636 Lens

Servicing: HC-CARGO 170632, 170633



Colour/glass: Red
Material: Glass
Shape: Round

170641 Lens

Servicing: HC-CARGO 170640, 170668



Colour/glass: Red
Material: Glass
Shape: Round

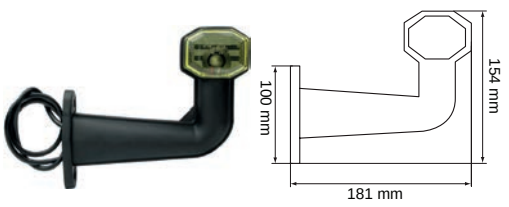
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170642 Lens	**Servicing:** HC-CARGO 170640, 170668		
			**Colour/glass:** White **Material:** Glass
170671 Bulb Holder	**Servicing:** HC-CARGO 170640, 170668, 170713		
			

TAIL POSITION LAMPS LED

171528 LED Tail-Position Lamp

Flange 100x41 mm.



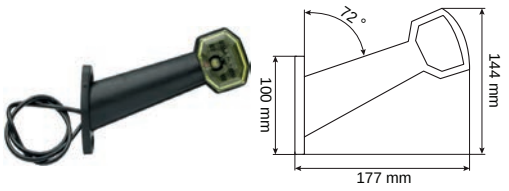
Voltage: 24

Dim.: 181x154x48 mm
Cable length: 700 mm
Dist. mount. holes: 73 mm

Type: LED
Colour/glass: Red/white
Material: Rubber
Material/dome: Shockproof plastic
Fixing screw: 2
Sidemarker: w/
Tail light: w/
No./LEDs: 2x1
RH/LH: RH/LH
E-approval: Yes

171529 LED Tail-Position Lamp

Flange 100x41 mm.

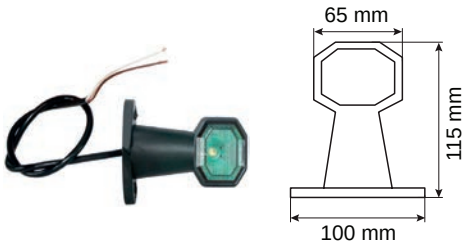


Voltage: 24

Dim.: 177x144x48 mm
Cable length: 700 mm
Dist. mount. holes: 73 mm

Type: LED
Colour/glass: Red/white
Material: Rubber
Material/dome: Shockproof plastic
Fixing screw: 2
Sidemarker: w/
Tail light: w/
No./LEDs: 2x1
RH/LH: RH/LH
E-approval: Yes

171530 LED Tail-Position Lamp

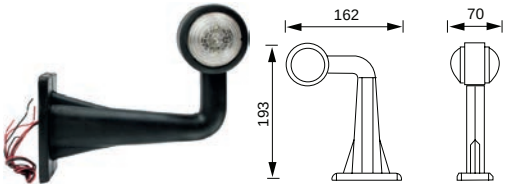


Voltage: 24

Dim.: 115x65x48 mm
Cable length: 700 mm
Dist. mount. holes: 73 mm

Type: LED
Colour/glass: Red/white
Material: Rubber
Material/dome: Shockproof plastic
Fixing screw: 2
Sidemarker: w/
Tail light: w/
No./LEDs: 2x1
RH/LH: RH/LH
E-approval: Yes

171591 LED Tail-Position Lamp

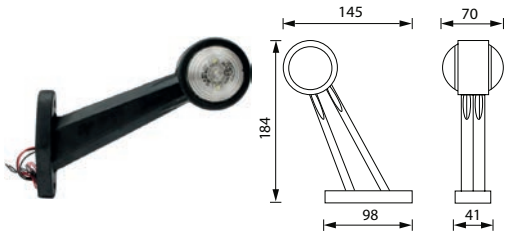
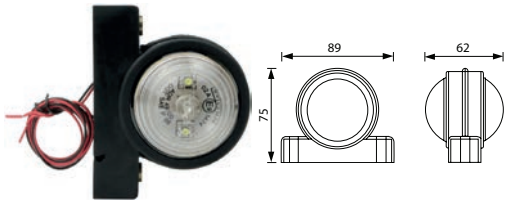
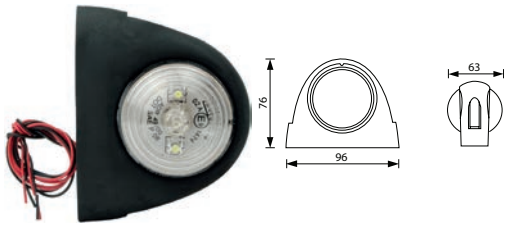
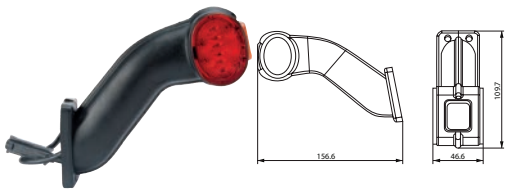
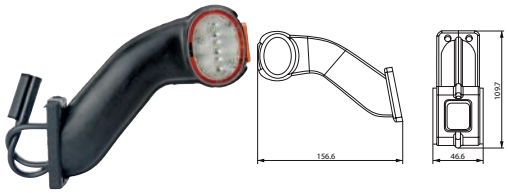


Voltage: 9-36

Dim.: 193x162x70 mm
Dist. mount. holes: 78 mm

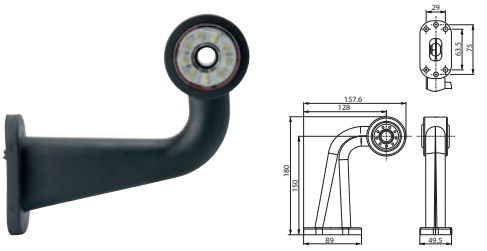
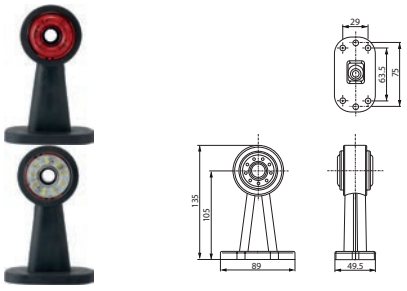
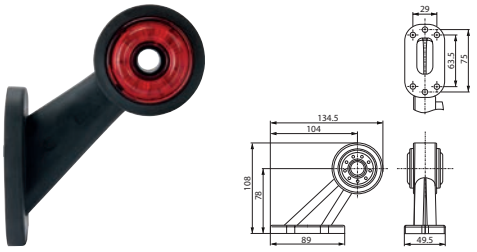
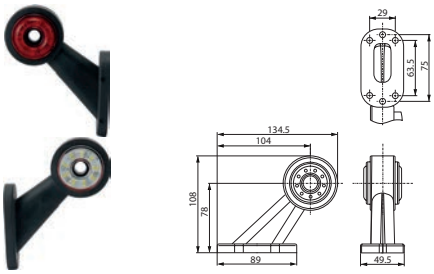
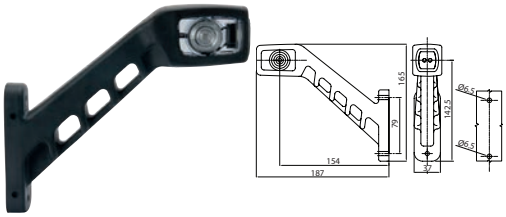
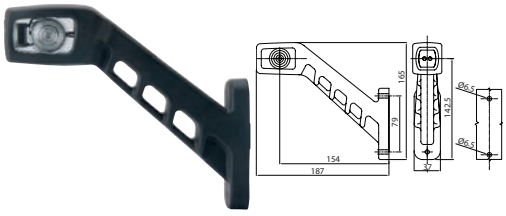
Type: LED
Colour/glass: Red/white
Sidemarker: w/
Tail light: w/
No./LEDs: 2x3
RH/LH: RH/LH
Approvals: ADR/SAE
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171592 LED Tail-Position Lamp			
	**Voltage:** 9-36	**Dim.:** 184x145x70 mm **Dist. mount. holes:** 78 mm	**Type:** LED **Colour/glass:** Red/white **Sidemarker:** w/ **Tail light:** w/ **No./LEDs:** 2x3 **RH/LH:** RH/LH **Approvals:** SAE **E-approval:** Yes
171593 LED Tail-Position Lamp			
	**Voltage:** 9-36	**Dim.:** 75x89x62 mm **OD:** 45 mm **Dist. mount. holes:** 78 mm	**Type:** LED **Colour/glass:** Red/white **Material:** Rubber **Sidemarker:** w/ **Tail light:** w/ **No./LEDs:** 2x3 **RH/LH:** RH/LH **Approvals:** ADR/SAE **E-approval:** Yes
171617 LED Tail-Position Lamp			
	**Voltage:** 9-36	**Dim.:** 96x76x63 mm **OD:** 76 mm **Dist. mount. holes:** 78 mm	**Type:** LED **Colour/glass:** Red/white **Material:** Synthetic rubber **Sidemarker:** w/ **Tail light:** w/ **No./LEDs:** 2x3 **RH/LH:** RH/LH **Approvals:** ADR/SAE **E-approval:** Yes
171730 LED Tail/Position/Side Marker			
w/ 128 mm rubber arm. Cover of click-in connector HC-CARGO 172016.			
	**Voltage:** 12/24	**Dim.:** 127.1x100.3 mm **Cable length:** 500 mm **Dist. mount. holes:** 78 mm	**Type:** LED **Mount.:** 2 screws **Sidemarker:** w/ **Sidemarker lamp:** w/ **Tail light:** w/ **No./LEDs:** 7 **RH/LH:** RH/LH **Tightness norm:** IP 67 **E-approval:** Yes
171731 LED Tail/Position/Side Marker			
w/ 145 mm rubber arm. Cover of click-in connector HC-CARGO 172016.			
	**Voltage:** 12/24	**Dim.:** 142.2x130.5x40.5 mm **Cable length:** 450 mm **Dist. mount. holes:** 52 mm	**Type:** LED **Colour:** Black **Material:** Rubber **Mount.:** 4 holes **Sidemarker:** w/ **Sidemarker lamp:** w/ **Tail light:** w/ **No./LEDs:** 9 **RH/LH:** RH **E-approval:** Yes
171732 LED Tail/Position/Side Marker			
Cover of click-in connector HC-CARGO 172016.			
	**Voltage:** 12/24	**Dim.:** 142.2x130.5x40.5 mm **Cable length:** 450 mm **Dist. mount. holes:** 52 mm	**Type:** LED **Colour:** Black **Material:** Rubber **Mount.:** 4 holes **Sidemarker:** w/ **Sidemarker lamp:** w/ **Tail light:** w/ **No./LEDs:** 9 **RH/LH:** LH **E-approval:** Yes

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171733 LED Tail/Position/Side Marker *Cover of click-in connector HC-CARGO 172016.*	**Voltage:** 12/24	**Dim.:** 172.4x166.8x46.6 mm **Cable length:** 500 mm **Dist. mount. holes:** 78 mm	**Type:** LED **Mount.:** 2 screws **Sidemarker:** w/ **Sidemarker lamp:** w/ **Tail light:** w/ **No./LEDs:** 7 **RH/LH:** RH
171734 LED Tail/Position/Side Marker *Cover of click-in connector HC-CARGO 172016.*	**Voltage:** 12/24	**Dim.:** 172.4x166.8x46.6 mm **Cable length:** 500 mm **Dist. mount. holes:** 78 mm	**Type:** LED **Mount.:** 2 screws **Sidemarker:** w/ **Sidemarker lamp:** w/ **Tail light:** w/ **No./LEDs:** 7 **RH/LH:** LH
171958 LED Tail-Position Lamp	**Voltage:** 12-24	**Dim.:** 148.5x125.5x89 mm **Cable length:** 300 mm **Dist. mount. holes:** 63.5/75/29 mm	**Type:** LED **Colour:** Black **Colour/glass:** Red/white **Material:** Rubber **Material/dome:** Shockproof plastic **Shape:** Round **Mount.:** 6 screws **Sidemarker:** w/ **Tail light:** w/ **RH/LH:** RH **Tightness norm:** IP 68 **E-approval:** Yes
171959 LED Tail-Position Lamp	**Voltage:** 12-24	**Dim.:** 148.5x125.5x89 mm **Cable length:** 300 mm **Dist. mount. holes:** 63.5/75/29 mm	**Type:** LED **Colour:** Black **Colour/glass:** Red/white **Material:** Rubber **Material/dome:** Shockproof plastic **Shape:** Round **Mount.:** 6 screws **Sidemarker:** w/ **Tail light:** w/ **RH/LH:** LH **Tightness norm:** IP 68 **E-approval:** Yes
171960 LED Tail-Position Lamp	**Voltage:** 12-24	**Dim.:** 97x78x49 mm **Cable length:** 300 mm **Dist. mount. holes:** 75/63.5/29 mm	**Type:** LED **Colour:** Black **Colour/glass:** Red/white **Material:** Rubber **Material/dome:** Shockproof plastic **Shape:** Round **Mount.:** 6 screws **Sidemarker:** w/ **Tail light:** w/ **RH/LH:** RH/LH **Tightness norm:** IP 68 **E-approval:** Yes
171961 LED Tail-Position Lamp	**Voltage:** 12-24	**Dim.:** 180x157.6x89 mm **Cable length:** 300 mm **Dist. mount. holes:** 75/63.5/29 mm	**Type:** LED **Colour:** Black **Colour/glass:** Red/white **Material:** Rubber **Material/dome:** Shockproof plastic **Shape:** Round **Mount.:** 6 screws **Sidemarker:** w/ **Tail light:** w/ **RH/LH:** RH **Tightness norm:** IP 68 **E-approval:** Yes

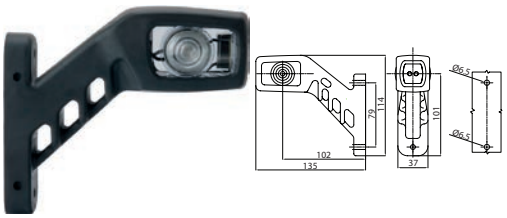
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171962 LED Tail-Position Lamp			
	**Voltage:** 12-24	**Dim.:** 180x157.6x89 mm **Cable length:** 300 mm **Dist. mount. holes:** 75/63.5/29 mm	**Type:** LED **Colour:** Black **Colour/glass:** Red/white **Material:** Rubber **Material/dome:** Shockproof plastic **Shape:** Round **Mount.:** 6 screws **Sidemarker:** w/ **Tail light:** w/ **RH/LH:** LH **Tightness norm:** IP 68 **E-approval:** Yes
171963 LED Tail-Position Lamp			
	**Voltage:** 12-24	**Dim.:** 135x89x49.5 mm **Cable length:** 300 mm **Dist. mount. holes:** 75/63.5/29 mm	**Type:** LED **Colour:** Black **Colour/glass:** Red/white **Material:** Rubber **Material/dome:** Shockproof plastic **Shape:** Round **Mount.:** 6 screws **Sidemarker:** w/ **Tail light:** w/ **RH/LH:** RH/LH **Tightness norm:** IP 68 **E-approval:** Yes
171964 LED Tail-Position Lamp			
	**Voltage:** 12-24	**Dim.:** 134.5x108x89 mm **Cable length:** 300 mm **Dist. mount. holes:** 75/63.5/29 mm	**Type:** LED **Colour:** Black **Colour/glass:** Red/white **Material:** Rubber **Material/dome:** Shockproof plastic **Shape:** Round **Mount.:** 6 screws **Sidemarker:** w/ **Tail light:** w/ **RH/LH:** RH **Tightness norm:** IP 68 **E-approval:** Yes
171965 LED Tail-Position Lamp			
	**Voltage:** 12-24	**Dim.:** 134.5x108x89 mm **Cable length:** 300 mm **Dist. mount. holes:** 75/63.5/29 mm	**Type:** LED **Colour:** Black **Colour/glass:** Red/white **Material:** Rubber **Material/dome:** Shockproof plastic **Shape:** Round **Mount.:** 6 screws **Sidemarker:** w/ **Tail light:** w/ **RH/LH:** LH **Tightness norm:** IP 68 **E-approval:** Yes
171966 LED Tail/Position/Side Marker			
	**Voltage:** 12-24	**Dim.:** 187x165x37 mm **Cable length:** 300 mm **Dist. mount. holes:** 79 mm	**Type:** LED **Colour:** Black **Colour/glass:** Transparent **Material:** Rubber **Material/dome:** Shockproof plastic **Mount.:** 2 screws **Sidemarker:** w/ **Sidemarker lamp:** w/ **Tail light:** w/ **RH/LH:** RH **Tightness norm:** IP 68 **E-approval:** Yes
171967 LED Tail/Position/Side Marker			
	**Voltage:** 12-24	**Dim.:** 187x165x37 mm **Cable length:** 300 mm **Dist. mount. holes:** 79 mm	**Type:** LED **Colour:** Black **Colour/glass:** Transparent **Material:** Rubber **Material/dome:** Shockproof plastic **Mount.:** 2 screws **Sidemarker:** w/ **Sidemarker lamp:** w/ **Tail light:** w/ **RH/LH:** LH **Tightness norm:** IP 68 **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171968 LED Tail/Position/Side Marker

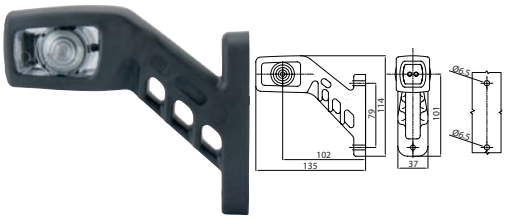


Voltage: 12-24

Dim.: 135x114x37 mm
Cable length: 300 mm
Dist. mount. holes: 79 mm

Type: LED
Colour: Black
Colour/glass: Transparent
Material: Rubber
Material/dome: Shockproof plastic
Mount.: 2 screws
Sidemarker: w/
Sidemarker lamp: w/
Tail light: w/
RH/LH: RH
Tightness norm: IP 68
E-approval: Yes

171969 LED Tail/Position/Side Marker

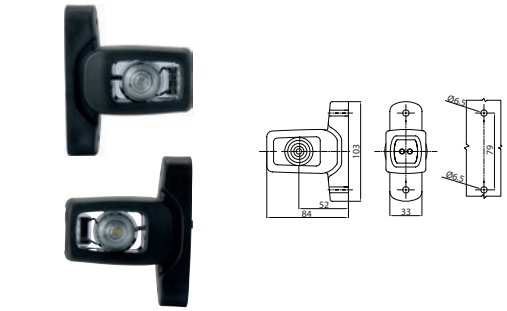


Voltage: 12-24

Dim.: 135x114x37 mm
Cable length: 300 mm
Dist. mount. holes: 79 mm

Type: LED
Colour: Black
Colour/glass: Transparent
Material: Rubber
Material/dome: Shockproof plastic
Mount.: 2 screws
Sidemarker: w/
Sidemarker lamp: w/
Tail light: w/
RH/LH: LH
Tightness norm: IP 68
E-approval: Yes

171970 LED Tail/Position/Side Marker



Voltage: 12-24

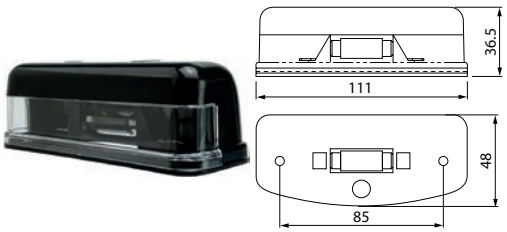
Dim.: 103x84x33 mm
Cable length: 300 mm
Dist. mount. holes: 79 mm

Type: LED
Colour: Black
Colour/glass: Transparent
Material: Rubber
Material/dome: Shockproof plastic
Mount.: 2 screws
Sidemarker: w/
Sidemarker lamp: w/
Tail light: w/
RH/LH: RH/LH
Tightness norm: IP 68
E-approval: Yes

NUMBERPLATE LAMPS CONVENTIONAL

170002 Numberplate Lamp

Servicing: Universal

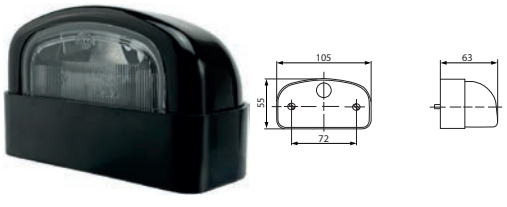


Voltage: 12/24
Watt: 5

Dim.: 111x36.5x48 mm

Socket type: S8.5
Colour: Black
Shape: Rectangular
Approvals: CE

170936 Numberplate Lamp

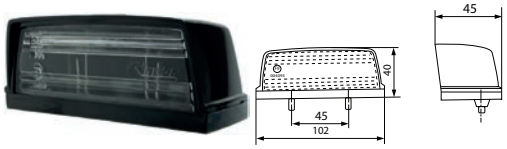


Voltage: 12
Watt: 5

Dim.: 105x55x63 mm
Dist. mount. holes: 72 mm

Type: Illumination of numberplate
Socket type: S8.5
Colour: Black
Material: Shockproof plastic
Fixing screw: 2
Numberplate light: w/
E-approval: Yes

171045 Numberplate Lamp



Voltage: 12/24
Watt: 5

Dim.: 102x40x45 mm
Dist. mount. holes: 45 mm

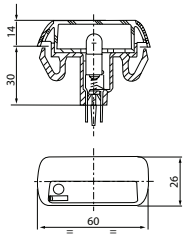
Type: Illumination of numberplate
Socket type: S8.5
Colour: Black
Material: Shockproof plastic
Shape: Rectangular
Fixing screw: 2
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171164 Numberplate Lamp

Servicing: Ford, Universal

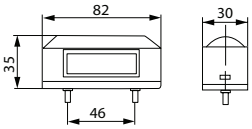
Voltage: 12
Watt: 5

Dim.: 60x44x26 mm

Type: Illumination of numberplate
Socket type: T10
E-approval: Yes

171166 Numberplate Lamp

Universal.

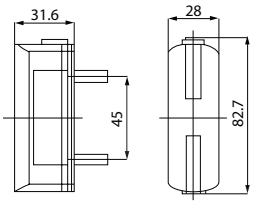



Voltage: 12/24
Watt: 5

Dim.: 82x35x30 mm
Dist. mount. holes:
46 mm

Type: Illumination of numberplate
Socket type: S8.5
Colour: Black
Fixing screw: 2
Numberplate light: w/
E-approval: Yes

171224 Numberplate Lamp

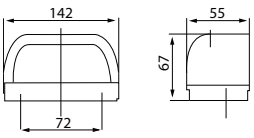



Bulb incl.: No
Voltage: 12/24
Watt: 5

Dim.: 82.7x28x31.6 mm
Dist. mount. holes:
45 mm

Illumination of numberplate
Socket type: S8.5
Colour: Black
Material: Shockproof plastic
Shape: Rectangular
Fixing screw: 2
E-approval: Yes

171225 Numberplate Lamp

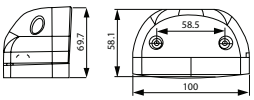



Bulb incl.: No
Voltage: 12/24
Watt: 10

Dim.: 142x67x55 mm
Dist. mount. holes:
72 mm

Type: Illumination of numberplate
Socket type: BA15S
Material: Shockproof plastic
Fixing screw: 2
E-approval: Yes

171345 Numberplate Lamp

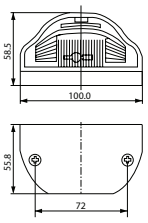



Bulb incl.: No
Watt: 5

Dim.:
100x58.1x69.7 mm
Dist. mount. holes:
58.5 mm

Type: Illumination of numberplate
Socket type: S8.5
Colour: Black
Material: Plastic
Fixing screw: 2
E-approval: Yes

171823 Numberplate Lamp

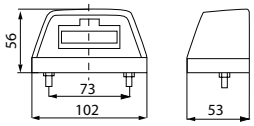
Bulb incl.: No
Watt: 5

Dim.:
100x58.5x55.8 mm
Dist. mount. holes:
72 mm

Type: Illumination of numberplate
Socket type: S8.5
Colour: Black
Colour/glass: Red
Material: Plastic
Fixing screw: 2
Numberplate light: w/
E-approval: Yes

NUMBERPLATE LAMPS LED

171622 LED Numberplate Lamp

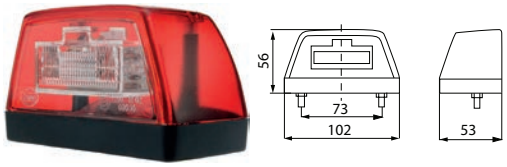
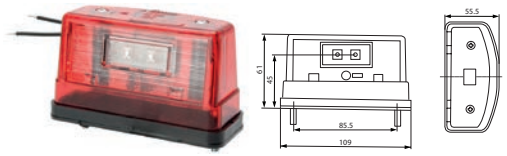
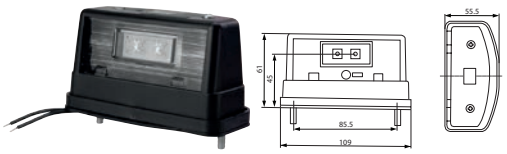
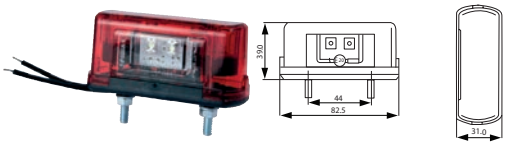
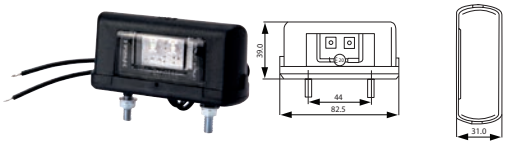
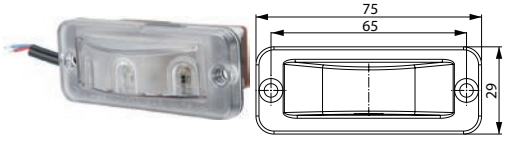
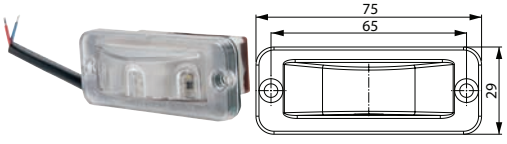



Voltage: 24

Dim.: 102x56x53 mm
Dist. mount. holes:
72 mm

Type: LED
Colour: Black
Colour/glass: Transparent
Numberplate light: w/
No./LEDs: 4
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171624 LED Numberplate Lamp			
	**Voltage:** 24	**Dim.:** 102x56x53 mm **Dist. mount. holes:** 73 mm	**Type:** LED **Colour:** Black **Colour/glass:** Red **Shape:** Rectangular **Numberplate light:** w/ **LEDs:** w/ **E-approval:** Yes
171709 LED Numberplate Lamp			
	**Voltage:** 12/24	**Dim.:** 109x61x55.5 mm **Dist. mount. holes:** 85.5 mm	**Type:** LED **Socket type:** LED **Colour:** Red **Material:** Shockproof plastic **Fixing screw:** 2 **Numberplate light:** w/ **E-approval:** Yes
171714 LED Numberplate Lamp			
	**Voltage:** 12/24	**Dim.:** 109x61x55.5 mm **Dist. mount. holes:** 85.5 mm	**Type:** LED **Socket type:** LED **Colour:** Black **Material:** Shockproof plastic **Fixing screw:** 2 **Numberplate light:** w/
171715 LED Numberplate Lamp			
	**Voltage:** 12/24	**Dim.:** 82.5x39x31 mm **Dist. mount. holes:** 44 mm	**Type:** LED **Socket type:** LED **Colour/glass:** Red **Material:** Shockproof plastic **Fixing screw:** 2 **Numberplate light:** w/ **Tightness norm:** IP 68 **E-approval:** Yes
171716 LED Numberplate Lamp			
	**Voltage:** 12/24	**Dim.:** 82.5x39x31 mm **Dist. mount. holes:** 44 mm	**Type:** LED **Socket type:** LED **Colour:** Black **Material:** Shockproof plastic **Fixing screw:** 2 **Numberplate light:** w/ **E-approval:** Yes
171737 LED Numberplate Lamp			
	**Voltage:** 12	**Dim.:** 75x29x34 mm **Cable length:** 300 mm **Dist. mount. holes:** 65 mm	**Type:** LED **Mount.:** 2 screws **Numberplate light:** w/ **No./LEDs:** 3 **E-approval:** Yes
171738 LED Numberplate Lamp			
	**Voltage:** 24	**Dim.:** 75x29x34 mm **Cable length:** 300 mm **Dist. mount. holes:** 65 mm	**Type:** LED **Mount.:** 2 screws **Numberplate light:** w/ **No./LEDs:** 3

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171824 LED Numberplate Lamp

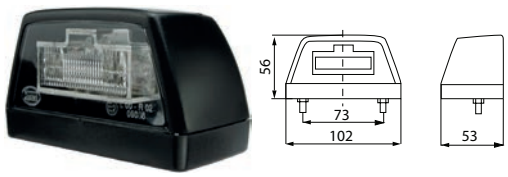


Voltage: 12/24
Watt: 0.5-1.1

Dim.:
100x58.5x55.8 mm
Cable length: 1000 mm
Dist. mount. holes:
72 mm

Type: LED
Colour: Black
Colour/glass: White
Material: Plastic
Fixing screw: 2
Numberplate light: w/
No./LEDs: 2
E-approval: Yes

172002 LED Numberplate Lamp

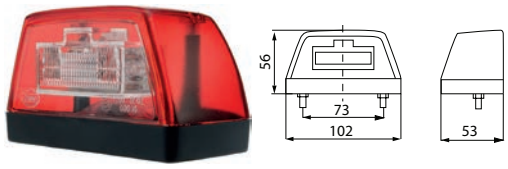


Voltage: 12

Dim.: 102x56x53 mm
Dist. mount. holes:
73 mm

Type: LED
Colour: Black
Colour/glass: Transparent
Material: Plastic
Numberplate light: w/
No./LEDs: 4
E-approval: Yes

172009 LED Numberplate Lamp



Voltage: 12

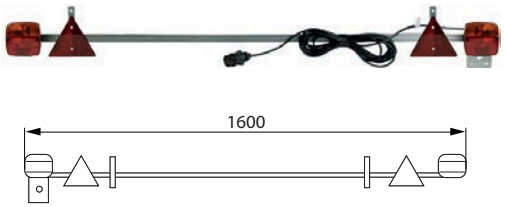
Dim.: 102x56x53 mm
Dist. mount. holes:
73 mm

Type: LED
Colour: Black
Colour/glass: Red
Material: Plastic
Shape: Rectangular
Numberplate light: w/
LEDs: w/
E-approval: Yes

TRAILER LIGHTING SETS

170809 Trailer Lighting Set

Light construction. 7-pole plug.



Bulb incl.: Yes
Voltage: 12

Dim.: 1600 mm
Cable length: 7500 mm

Material: Galvanised steel
No./lamps: 2
No./reflectors: 2
Flasher light: w/
Numberplate holder: w/
Stop light: w/

170828 Front/rear lighting set

7-pole plug. Tail-stop-flash lamp: HC-CARGO 170939. Flash-position lamp: HC-CARGO 170941. Magnet w/ metal bracket: HC-CARGO 170942.



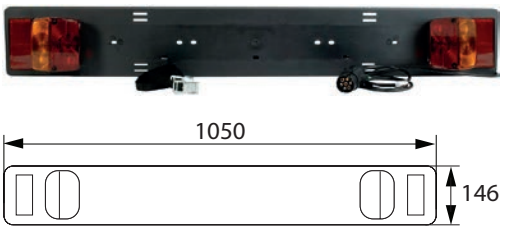
Bulb incl.: Yes
Voltage: 12

Dim.: 107x100 mm
Cable length:
4500/7500 mm

Mount.: Magnetic
No./lamps: 2
Flasher light: w/
Sidemarker: w/
Tail light: w/
Stop light: w/

170829 Number Plate Holder

7-pole plug.

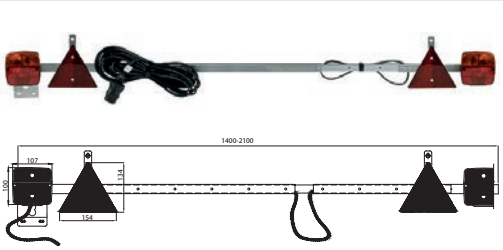
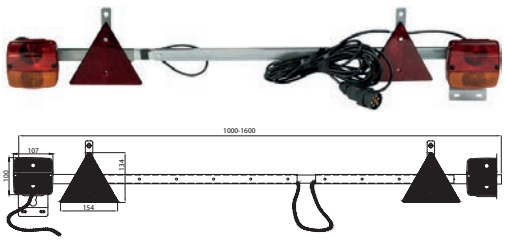
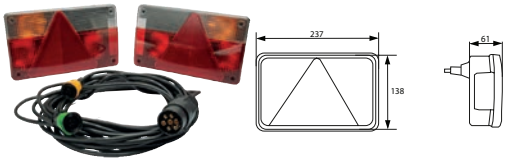
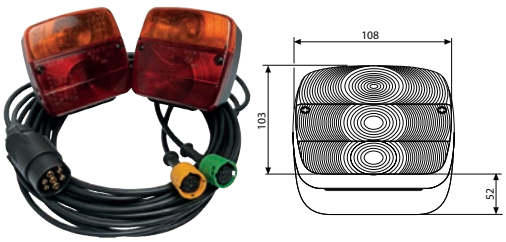
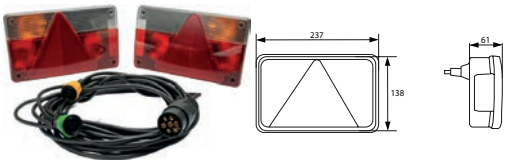
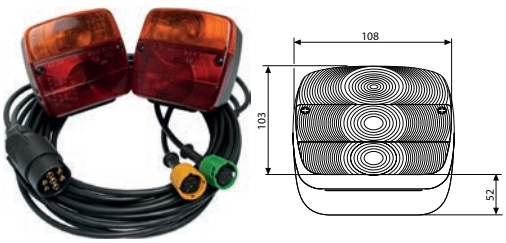


Bulb incl.: Yes
Voltage: 12

Dim.: 1050x146 mm
Cable length: 1500 mm

Reflector: w/
Numberplate holder: w/
Straps incl.: Yes

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

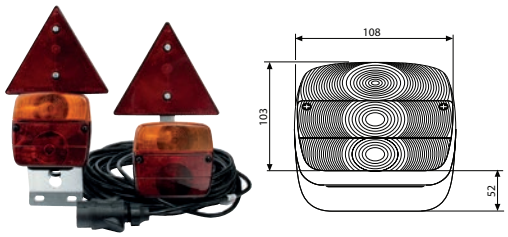
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170835 Trailer Lighting Set *Light construction. 7-pole plug.* 	**Bulb incl.:** Yes **Voltage:** 12	**Dim.:** 1400-2100 mm **Cable length:** 12000 mm	**Material:** Galvanised steel **No./lamps:** 2 **No./reflectors:** 2 **Flasher light:** w/ **Numberplate holder:** w/ **Tail light:** w/ **Stop light:** w/ **Width/adjustable:** w/
171049 Trailer Lighting Set *Extensible light construction. 7-pole plug.* 	**Bulb incl.:** Yes **Voltage:** 12	**Dim.:** 1000-1600 mm **Cable length:** 7500 mm	**Material:** Galvanised steel **No./lamps:** 2 **No./reflectors:** 2 **Flasher light:** w/ **Numberplate holder:** w/ **Tail light:** w/ **Stop light:** w/ **Width/adjustable:** w/
171818 Trailer lighting set *Lens: HC-CARGO 171833, 171834. Lamp: HC-CARGO 171870, 171871.* 	**Bulb incl.:** Yes **Voltage:** 12	**Dim.:** 237x138x61 mm **Cable length:** 2x5000 mm	**Shape:** Rectangular **No./lamps:** 2 **Flasher light:** w/ **Numberplate light:** w/ **Rear/fog lamp:** w/ **Tail light:** w/ **Stop light:** w/ **E-approval:** Yes
171821 Trailer lighting set *Multi connector: HC-CARGO 171372, 171373. Lens: HC-CARGO 170833. Light: HC-CARGO 171822.* 	**Bulb incl.:** Yes **Voltage:** 12	**Dim.:** 108x103x52 mm **Cable length:** 2x5000 mm	**Shape:** Square **Flasher light:** w/ **Numberplate light:** w/ **Tail light:** w/ **Stop light:** w/ **E-approval:** Yes
171872 Trailer lighting set *Lens: HC-CARGO 171833, 171834. Lamp: HC-CARGO 171870, 171871.* 	**Bulb incl.:** Yes **Voltage:** 12	**Dim.:** 237x138x61 mm **Cable length:** 2x7500 mm	**Shape:** Rectangular **No./lamps:** 2 **Flasher light:** w/ **Numberplate light:** w/ **Rear/fog lamp:** w/ **Tail light:** w/ **Stop light:** w/ **E-approval:** Yes
171873 Trailer lighting set *Multi connector: HC-CARGO 171372, 171373. Lens: HC-CARGO 170833.* 	**Bulb incl.:** Yes **Voltage:** 12	**Dim.:** 108x103x52 mm **Cable length:** 2x7500 mm	**Shape:** Square **Flasher light:** w/ **Numberplate light:** w/ **Tail light:** w/ **Stop light:** w/ **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

171935 Trailer Lighting Set

7-pole plug. Magnet w/ metalbracket: HC-CARGO 170942.



Bulb incl.: Yes
Voltage: 12

Dim.: 108x103x52 mm
Cable length: 4000/13000 mm

Mount.: Magnetic
No./lamps: 2
Flasher light: w/
Tail light: w/
Stop light: w/

SPARE PARTS

170833 Lens, Rear Lamp

Servicing: HC-CARGO 170939, 170940



Dim.: 108x103x52 mm

Material: Shockproof plastic
Flasher light: w/
Tail light: w/
Stop light: w/
RH/LH: RH/LH

170834 Lens, Rear Lamp

Servicing: HC-CARGO 170941



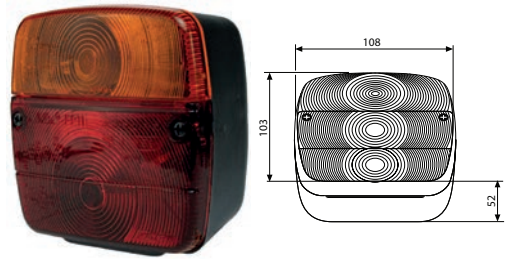
Dim.: 108x103x52 mm

Shape: Rectangular
Fixing screw: 2
Flasher light: w/
Sidemarker: w/

170939 Multi Function Lamp

Servicing: HC-CARGO 170809, 170818, 170828, 170829, 170835, 171049

Lens: HC-CARGO 170833.



Bulb incl.: No
Watt 1: 21
Watt 2: 21/5

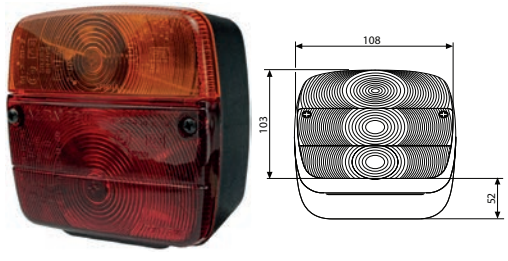
Dim.: 108x103x52 mm
Dist. mount. holes: 45/55 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Material: Shockproof plastic
Fixing screw: 2
Flasher light: w/
Tail light: w/
Stop light: w/
RH/LH: RH/LH
E-approval: Yes

170940 Multi Function Lamp

Servicing: HC-CARGO 170829

Lens: HC-CARGO 170833.



Bulb incl.: No
Watt 1: 21
Watt 2: 21/5

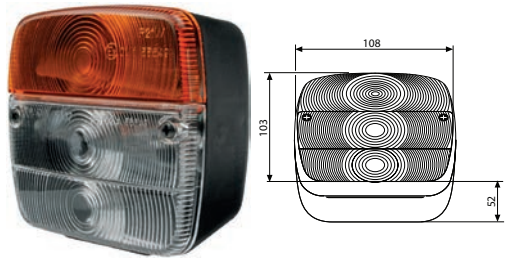
Dim.: 108x103x52 mm
Dist. mount. holes: 45/55 mm

Socket type 1: BA15S
Socket type 2: BAY15d
Material: Shockproof plastic
Fixing screw: 2
Flasher light: w/
Numberplate light: w/
Tail light: w/
Stop light: w/
RH/LH: RH/LH
E-approval: Yes

170941 Flasher/Position Lamp

Servicing: HC-CARGO 170828

Lens: HC-CARGO 170834.

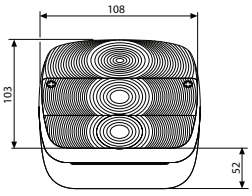
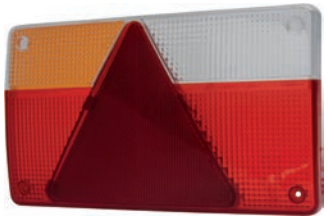
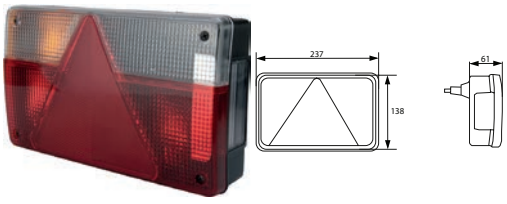
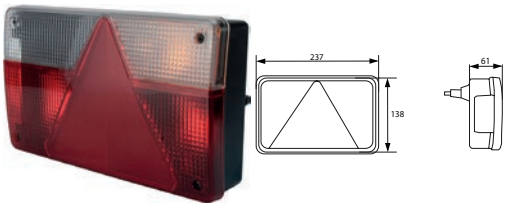


Bulb incl.: No
Watt 1: 21
Watt 2: 5

Dim.: 108x103x52 mm
Dist. mount. holes: 55 mm

Socket type 1: BA15S
Socket type 2: S8.5
Material: Shockproof plastic
Shape: Rectangular
Fixing screw: 2
Flasher light: w/
Sidemarker: w/
RH/LH: RH/LH
E-approval: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170942 Magnet — **Servicing:** HC-CARGO 170818, 170828			
For camera.			
		**OD:** 76 mm	
171795 Rubber Protection — **Servicing:** HC-CARGO 170942			
		**ID:** 76 mm	**Rubber:** w/
171822 Multi Function Lamp — **Servicing:** HC-CARGO 171821			
Multi connector: HC-CARGO 171372, 171373. Lens: HC-CARGO 170833.			
 	**Bulb incl.:** Yes **Watt 1:** 21 **Watt 2:** 21/5	**Dim.:** 108x103x52 mm **Dist. mount. holes:** 45/55 mm	**Socket type 1:** BA15S **Socket type 2:** BAY15d **Shape:** Square **Flasher light:** w/ **Sidemarker:** w/ **Stop light:** w/ **E-approval:** Yes
171833 Lens, Rear Lamp — **Servicing:** HC-CARGO 171818, 171871, 171872			
		**Dim.:** 237x138x19 mm	**Material:** Shockproof plastic **Shape:** Rectangular **Flasher light:** w/ **Numberplate light:** w/ **Rear/fog lamp:** w/ **Sidemarker:** w/ **Stop light:** w/ **RH/LH:** RH **E-approval:** Yes
171834 Lens, Rear Lamp — **Servicing:** HC-CARGO 171818, 171870, 171872			
		**Dim.:** 237x138x19 mm	**Material:** Shockproof plastic **Flasher light:** w/ **Numberplate light:** w/ **Rear/fog lamp:** w/ **Sidemarker:** w/ **Stop light:** w/ **RH/LH:** LH **E-approval:** Yes
171870 Multi Function Lamp — **Servicing:** HC-CARGO 171818, 171872			
Multi connector: HC-CARGO 171372, 171373. Lens: HC-CARGO 171834. Right: HC-CARGO 171871.			
	**Bulb incl.:** Yes **Voltage:** 12	**Dim.:** 237x138x61 mm	**Shape:** Rectangular **Flasher light:** w/ **Numberplate light:** w/ **Rear/fog lamp:** w/ **Sidemarker:** w/ **Stop light:** w/ **RH/LH:** LH **E-approval:** Yes
171871 Multi Function Lamp — **Servicing:** HC-CARGO 171818, 171872			
Multi connector: HC-CARGO 171372, 171373. Lens: HC-CARGO 171833. Left: HC-CARGO 171872.			
	**Bulb incl.:** Yes **Voltage:** 12	**Dim.:** 237x138x61 mm	**Shape:** Rectangular **Flasher light:** w/ **Numberplate light:** w/ **Rear/fog lamp:** w/ **Sidemarker:** w/ **Stop light:** w/ **RH/LH:** RH **E-approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

REFLECTORS

170142 Reflector

w/ 5 mm bolt.



OD: 60 mm

Colour: Red
Material: Plastic
Shape: Round
Approvals: I A approval
E-approval: Yes

170143 Reflector

w/ 5 mm bolt.



OD: 83 mm

Colour: Red
Material: Plastic
Shape: Round
Approvals: I A approval
E-approval: Yes

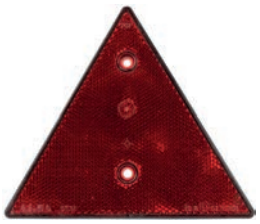
170144 Reflector



Dim.: 160x160x160 mm
Dist. mount. holes: 85 mm

Colour: Red
Material: Plastic
Shape: Triangle
Mount.: 2 screws
Approvals: III A approval
E-approval: Yes

170163 Reflector



Dim.: 155x135 mm
Dist. mount. holes: 70 mm

Colour: Red
Material: Plastic
Shape: Triangle
Mount.: 2 holes
Approvals: III A approval
E-approval: Yes

170165 Reflector



OD: 60 mm
Hole size: 4 mm

Colour: Red
Material: Plastic
Shape: Round
Approvals: I A approval
E-approval: Yes

170169 Reflector



OD: 60 mm
Hole size: 4 mm

Colour: Orange
Material: Plastic
Shape: Round
Approvals: I A approval
E-approval: Yes

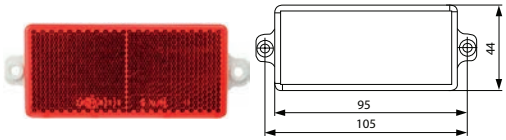
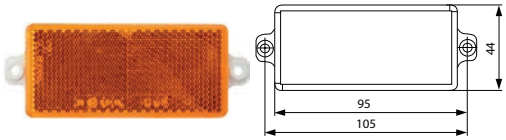
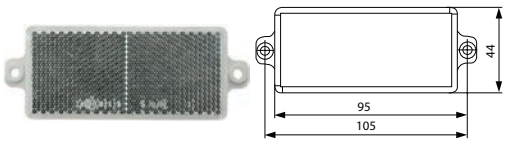
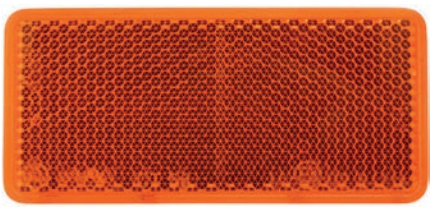
170170 Reflector

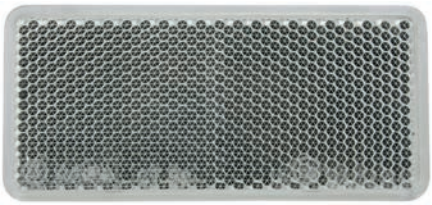
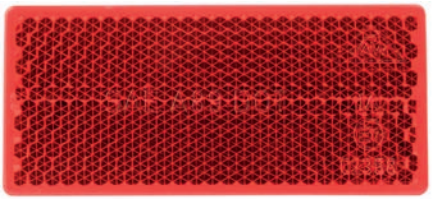
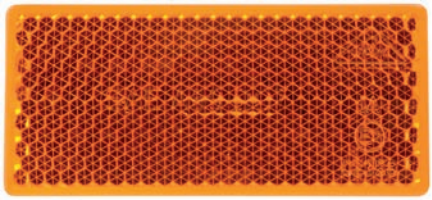
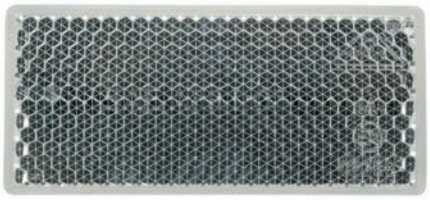
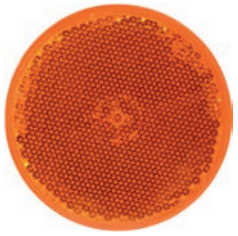
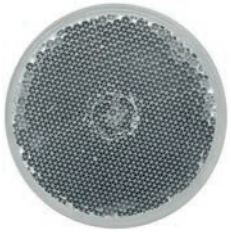


OD: 60 mm
Hole size: 4 mm

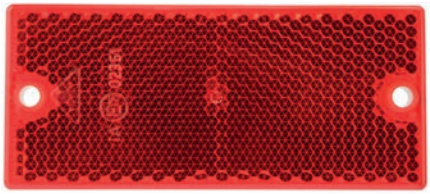
Colour: White
Material: Plastic
Shape: Round
Approvals: I A approval
E-approval: Yes

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170212 Reflector *Only approved in DK.*			
		**Dim.:** 50x200 mm	**Colour:** White **Mount.:** Self adhesive **E-approval:** No
170213 Reflector *Only approved in DK.*			
		**Dim.:** 50x200 mm	**Colour:** Yellow **Mount.:** Self adhesive **Approvals:** JRU **E-approval:** No
170623 Reflector			
		**Dim.:** 95x44 mm **Dist. mount. holes:** 105 mm	**Colour:** Red **Material:** Plastic **Shape:** Rectangular **Mount.:** 2 holes **Approvals:** I A approval **E-approval:** Yes
170624 Reflector			
		**Dim.:** 95x44 mm **Dist. mount. holes:** 105 mm	**Colour:** Orange **Material:** Plastic **Shape:** Rectangular **Mount.:** 2 holes **Approvals:** I A approval **E-approval:** Yes
170625 Reflector			
		**Dim.:** 95x44 mm **Dist. mount. holes:** 105 mm	**Colour:** White **Material:** Plastic **Shape:** Rectangular **Mount.:** 2 holes **Approvals:** I A approval **E-approval:** Yes
170626 Reflector			
		**Dim.:** 95x44 mm	**Colour:** Red **Material:** Plastic **Shape:** Rectangular **Mount.:** Self adhesive **Approvals:** I A approval **E-approval:** Yes
170627 Reflector			
		**Dim.:** 95x44 mm	**Colour:** Orange **Material:** Plastic **Shape:** Rectangular **Mount.:** Self adhesive **Approvals:** I A approval **E-approval:** Yes

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170628 Reflector			
		**Dim.:** 95x44 mm	**Colour:** White **Material:** Plastic **Shape:** Rectangular **Mount.:** Self adhesive **Approvals:** I A approval **E-approval:** Yes
170629 Reflector			
		**Dim.:** 71x35 mm	**Colour:** Red **Material:** Plastic **Shape:** Rectangular **Mount.:** Self adhesive **Approvals:** I A approval **E-approval:** Yes
170630 Reflector			
		**Dim.:** 71x35 mm	**Colour:** Orange **Material:** Plastic **Shape:** Rectangular **Mount.:** Self adhesive **Approvals:** I A approval **E-approval:** Yes
170631 Reflector			
		**Dim.:** 71x35 mm	**Colour:** White **Material:** Plastic **Shape:** Rectangular **Mount.:** Self adhesive **Approvals:** I A approval **E-approval:** Yes
170675 Reflector			
		**OD:** 60 mm	**Colour:** Red **Material:** Plastic **Shape:** Round **Mount.:** Self adhesive **Approvals:** I A approval **E-approval:** Yes
170676 Reflector			
		**OD:** 60 mm	**Colour:** Orange **Material:** Plastic **Shape:** Round **Mount.:** Self adhesive **Approvals:** I A approval **E-approval:** Yes
170677 Reflector			
		**OD:** 60 mm	**Colour:** White **Material:** Plastic **Shape:** Round **Mount.:** Self adhesive **Approvals:** I A approval **E-approval:** Yes

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170729 Reflector			
		**OD:** 83 mm **Hole size:** 4 mm	**Colour:** Red **Material:** Plastic **Shape:** Round **Mount.:** 1 hole **Approvals:** I A approval **E-approval:** Yes
171228 Reflector			
		**Dim.:** 90x40 mm **Dist. mount. holes:** 79 mm	**Colour:** Red **Material:** Plastic **Shape:** Rectangular **Mount.:** 2 holes **Approvals:** I A approval **E-approval:** Yes
ACCESSORIES			
171536 Bracket			
		**ID:** 60 mm	**No./mounting holes:** 1 (0)
CONTAINER MARKING			
171895 Skipmarking			
Self-adhesive. Left. Class 2.			
		**Dim.:** 100x400 mm	**Colour:** White/red **Material:** Film **Shape:** Rectangular **Approvals:** No Homogation required
171896 Skipmarking			
Self-adhesive. Right. Class 2.			
		**Dim.:** 100x400 mm	**Colour:** White/red **Material:** Film **Shape:** Rectangular **Approvals:** No Homogation required
171897 Skipmarking			
Self-adhesive kit. Class 2.			
		**Dim.:** 200x400 mm	**Colour:** White/red **Material:** Film **Shape:** Rectangular **Approvals:** No Homogation required

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

WARNING TRIANGLES

170171 Warning Triangle

Break down warning triangle. Supplied in plastic carrying box.



Shape: Triangle
E-approval: Yes

TRIANGLES

170390 Reflector Triangle

Red: high intensitive foil. Class A. Red: fluorenscent foil. w/o bracket.



Dim.: 350-365 mm
Dist. mount. holes: 153 mm

Colour: Red
Material: Aluminium
Shape: Triangle
E-approval: Yes

170759 Reflector Triangle

Red: high intensitive foil. Class A. Red: fluorenscent foil. w/o bracket.



Dim.: 428x375x310 mm
Dist. mount. holes: 153 mm
Hole size: 6 mm

Colour: Red
Material: Shock thermo plastic
Shape: Triangle
E-approval: Yes

ACCESSORIES

170391 Mounting Bracket — **Servicing:** HC-CARGO 170390, 170759

Male.



170392 Mounting Bracket — **Servicing:** HC-CARGO 170390, 170759

Female.



170393 Mounting Bracket Kit — **Servicing:** HC-CARGO 170390, 170759

w/ male and female brackets, bolts and nuts.



170797 Mounting Bracket — **Servicing:** HC-CARGO 170390, 170759

Angled.



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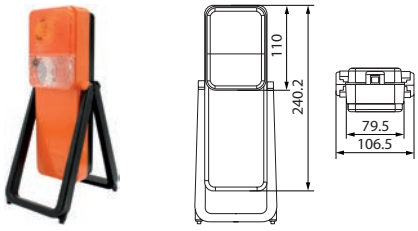
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

HAZARD WARNING LIGHTS

170683 Hazard Warning Lamp

Servicing: Approved for vehicles carrying dangerous goods

Battery: HC-CARGO 200741, 200768.



Dim.: 240.2x106.5 mm

Battery type: D
No./batteries: 5
Hazard flasher: w/
Approval: GGVS
E-approval: Yes

LED

171797 LED Hazard Warning Lamp

Battery: HC-CARGO 200739.



Dim.: 215x75x63 mm

Bulb type: LED
Battery type: AA
Material: ABS plastic
No./batteries: 4
Hazard flasher: w/
Drop proof: Yes
Approval: GGVS/ADR

PEN-/TORCH LIGHTS

TORCH LIGHT CONVENTIONAL

170353 High Powered Torch

Bulb: HC-CARGO 171280. Batteries: HC-CARGO 200741, 200768.



Dim.: 182x111 mm

Bulb type: Krypton
Battery type: D
No./batteries: 4
Approval: CE

TORCH LIGHT LED

171749 LED Torch Light

Battery: HC-CARGO 200738.



Watt: 1
Lumen: 65

Dim.: 37x120 mm

Bulb type: LED
Battery type: AAA
Material: Aluminium
No./batteries: 3
Clips: w/
Waterproof: Yes

171787 LED Torch Light

Battery: HC-CARGO 200740.



Watt: 2.2

Dim.: 217x52x52 mm

Bulb type: LED
Battery type: LR14
Material: Shockproof plastic
No./batteries: 3
Shoulder strap: w/
Drop proof: Yes
Waterproof: Yes

PEN-/TORCH LIGHTS LED

171704 LED Penlight

Button w/ easy touch for either signal or constant light. Optical lense intensive the light. At least 8 hours of burn time.



Dim.: 14.5x109 mm

Bulb type: LED
Battery type: AAA
Material: Aluminium
No./batteries: 1
Drop proof: Yes
Waterproof: Yes
Approval: CE

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HAND LAMPS CONVENTIONAL

200181 Hand Lamp

Works at temperature below zero. All parts are replaceable. Neon tube HC-CARGO 170664.



Voltage: 230
Watt: 8
Lumen: 400

Length: 510 mm
Cable length: 5 mm

Plug: w/
Hi impact: Yes
Tightness norm: IP 67
Approvals: CE

200635 Hand Lamp

Four times more powerful than conventional hand lamps. Works at temperature below zero. All parts replaceable. Resistant to oil, petrol and chemicals.



Voltage: 230
Watt: 11
Lumen: 900

Length: 455 mm
Cable length: 5 mm

Plug: w/
Hi impact: Yes
Tightness norm: IP 64
Approvals: CE

200728 Hand Lamp

Works at temperature below zero. All parts are replaceable.



Voltage: 230
Watt: 9
Lumen: 400

Length: 390 mm
Cable length: 5 mm

Plug: w/
Hi impact: Yes
Tightness norm: IP 65
Approvals: CE

200733 Hand Lamp



Voltage: 230
Watt: 8
Lumen: 300

Length: 450 mm
Cable length: 5 mm

Plug: w/
Tightness norm: IP 20
Approvals: CE

200837 Hand Lamp



Voltage: 230
Watt: 11
Lumen: 900

Length: 450 mm
Cable length: 5 mm

Hi impact: Yes
Tightness norm: IP 65
Approvals: CE

SPARE PARTS

170960 Fluorescent Tube

Socket PL-S 2P (G23).

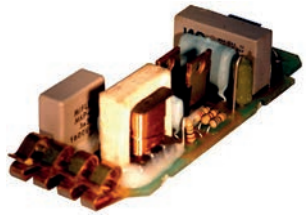


Watt: 11/830
Lumen: 900

Length: 214 mm

Approvals: CE

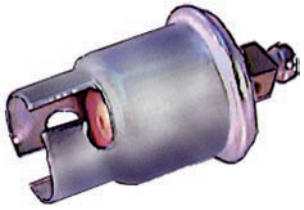
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
200659 Electronic Part	**Servicing:** HC-CARGO 200728, 200635		
	**Watt:** 230		**Tightness norm:** IP 65 **Approvals:** CE

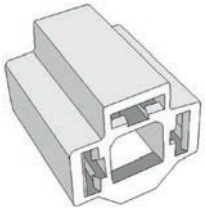
HAND LAMPS LED

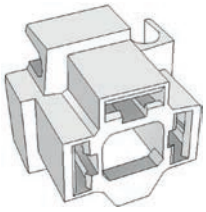
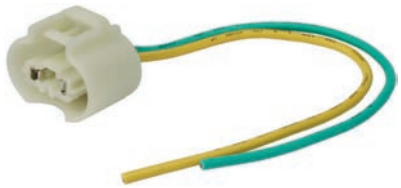
171999 LED Hand Lamp			
	**Lumen:** 300	**Dim.:** 270x42x51 mm	**Bulb type:** LED **Battery type:** Li-ion **Magnet holder:** Yes **Lamp head:** Yes **Rechargeable:** Yes **Approval:** CE
172000 LED Hand Lamp UK			
	**Lumen:** 300	**Dim.:** 270x42x51 mm	**Bulb type:** LED **Battery type:** Li-ion **Magnet holder:** Yes **Lamp head:** Yes **Rechargeable:** Yes **Approval:** CE

BULB HOLDERS

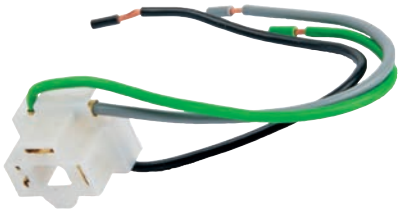
170135 Bulb Holder			
			**Socket type:** BAY15d
170136 Bulb Holder			
			**Socket type:** BA9s
170137 Bulb Holder			
			**Socket type:** BA7s
170138 Bulb Holder			
			**Socket type:** BA15S

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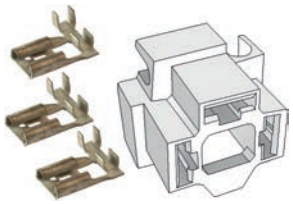
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170139 Bulb Holder			
33-36 mm. Festoon type.			
			**Socket type:** S8.5
170433 Bulb Holder	**Servicing:** H4		
Also for bulbs that fit socket P45t. Used w/ sealed beams.			
			**Socket type:** P43t
170596 Bulb Holder			
			**Socket type:** BA15d
170619 Bulb Holder	**Servicing:** H4		
Also for bulbs that fit socket P43t. Used w/ sealed beams.			
			**Socket type:** P45t
170763 Bulb Holder	**Servicing:** VW Golf, Vento, Polo, Passat, Seat Ibiza, Toledo		
			**Socket type:** T10
170790 Bulb Holder			
2x terminal connection.			
			**Socket type:** BA9s
170791 Bulb Holder			
2x screw connection.			
			**Socket type:** BA15S

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
170799 Bulb Holder	**Servicing:** HC-CARGO 191938		
Also for bulbs that fit socket P45t. Used w/ sealed beams. Angled type.			
			**Socket type:** P43t
170827 Bulb Holder			
2x terminal connection.			
			**Socket type:** T10
170964 Bulb Holder	**Servicing:** H4		
Also for bulbs that fit socket P45. Used w/ sealed beams. w/ snap-lock action for cable connection.			
			**Socket type:** P43t+P45t
171426 Bulb Holder			
w/ wire.			
			**Socket type:** HB3, H10, H12
171427 Bulb Holder			
w/ wire.			
			**Socket type:** HB4
171453 Bulb Holder			
H7.			
			**Socket type:** PX26d
171783 Bulb Holder			
			**Socket type:** HB1, HB5

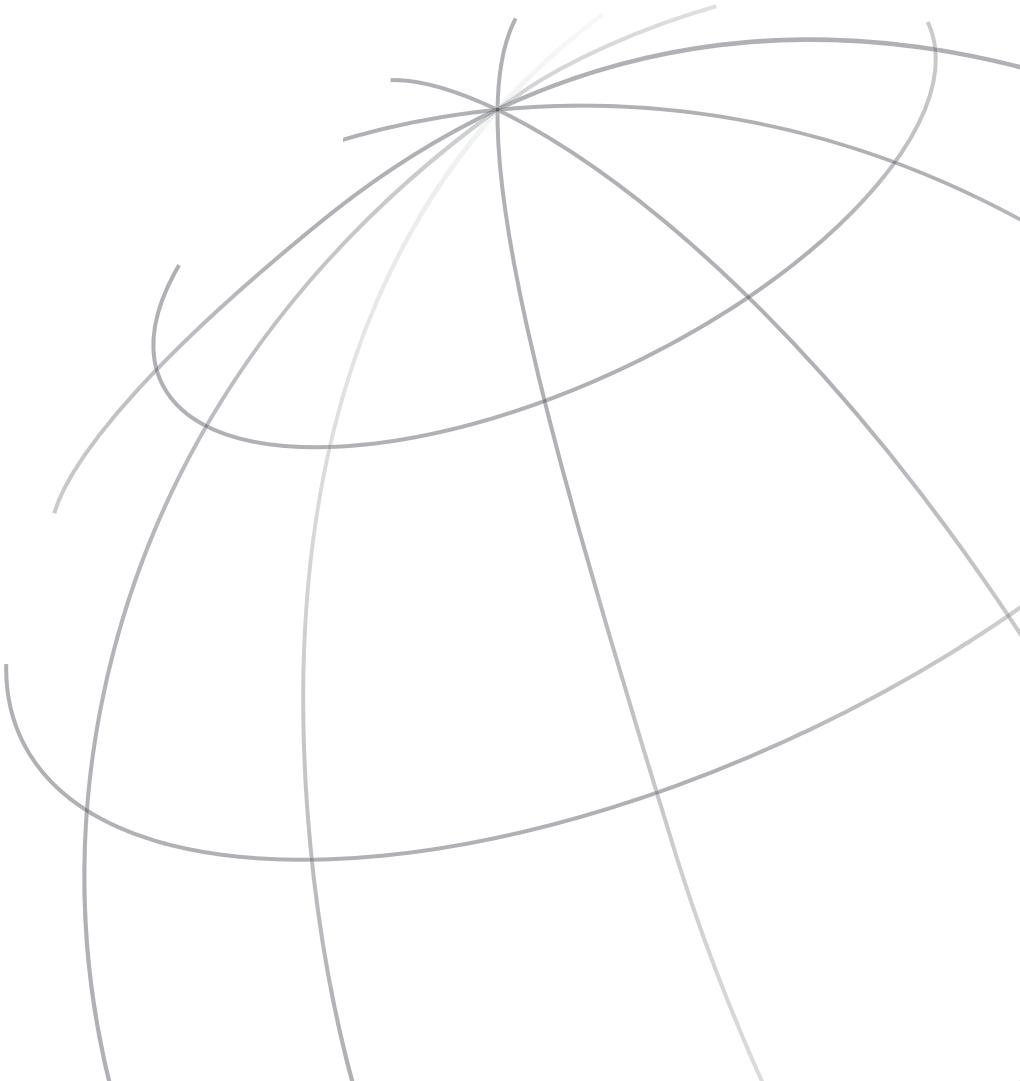
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
171784 Bulb Holder			**Socket type:** H8, H9, H11
			
171924 Bulb Holder			
H1/H3. 2 way.			**Socket type:** P14.5s, PK22s, PKY22s
			
171925 Bulb Holder			
H1/H3. 1 way.			**Socket type:** P14.5s, PK22s, PKY22s
			
171954 Bulb Holder			
H4.			**Socket type:** P43t
			
172072 Bulb Holder	**Servicing:** HC-CARGO 171010, 170951, 171953, 170726		**Socket type:** PGJ13
NEW PRODUCT www.hc-cargo.com			

BULB HOLDER SETS

171281 Bulb Holder Set	**Servicing:** H4		
Contains: 1 pcs. HC-CARGO 170619. 3 pcs. HC-CARGO 191200.			**Socket type:** P43t
			
171282 Bulb Holder Set	**Servicing:** H4		
Contains: 1 pcs. HC-CARGO 170799. 3 pcs. HC-CARGO 191938.			**Socket type:** P43t
			

Bulbs

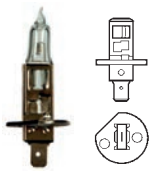


Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

H1 Halogen

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
170069	12	55	62.5 mm	8.5 mm		Single filament	
171070	12	55	62.5 mm	8.5 mm		Single filament	*Gives up to 30% more light.*
171071	12	55	62.5 mm	8.5 mm	Xenon blue	Single filament	
171136	12	55	62.5 mm	8.5 mm		Single filament	*Gives up to 50% more light.*
171068	12	100	62.5 mm	8.5 mm		Single filament	
171404	12	130	59.8 mm	9.7 mm		Single filament	
171072	24	70	62.5 mm	8.5 mm		Single filament	



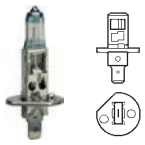
P14.5s

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
170332	12	55	62.5 mm	8.5 mm		Single filament	
170965	12	55	62.5 mm	8.5 mm		Single filament, Megalight	*Gives up to 30% more light.*
170493	12	100	62.5 mm	8.5 mm		Single filament	
170449	24	70	62.5 mm	8.5 mm		Single filament	
170494	24	100	62.5 mm	8.5 mm		Single filament	



P14.5s

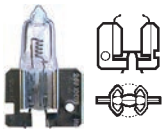
HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
171686	12	55	58.9 mm	10.8 mm		Single filament, Nightbreaker	*Up to 90% more light. Up to 35 m longer beam. Up to 10% whiter light.*



P14.5s

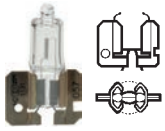
H2 Halogen

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
171073	12	55	30 mm	9 mm		Single filament	
170512	24	100	30 mm	9 mm		Single filament	



X511

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
170576	12	55	30 mm	9 mm		Single filament	



X511

H3 Halogen

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
171469	6	55	42 mm	11.5 mm		Single filament	
170070	12	55	42 mm	11.5 mm		Single filament	
171405	12	130	39 mm	11.5 mm		Single filament	
170836	24	70	42 mm	11.5 mm		Single filament	
171407	48	45	42 mm	11.5 mm		Single filament	
171378	80	55	42 mm	11.5 mm		Single filament	



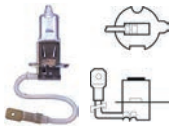
PK22s

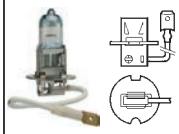
HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
170696	12	35	42 mm	11.5 mm		Single filament	
170333	12	55	42 mm	11.5 mm		Single filament	
170723	12	55	42 mm	11.5 mm		Single filament, All day	*Gives better visibility in poor weather conditions.*
170824	12	55	42 mm	11.5 mm	Xenon blue	Single filament	*Brighter light as standard.*
170412	24	70	42 mm	11.5 mm		Single filament	
170362	24	100	42 mm	11.5 mm		Single filament	



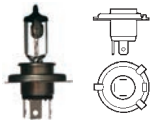
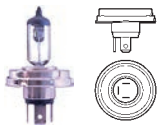
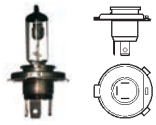
PK22s

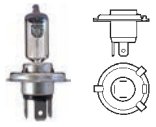
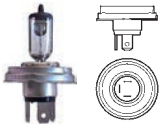
O.E.M. names and numbers are used for reference purposes only.

John	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PKY22s	**170496**	12	100	42 mm	11.5 mm		Single filament	

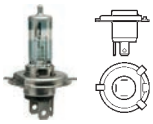
OSRAM	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PK22s	**171687**	12	55	42 mm	10.8 mm		Single filament, Nightbreaker	*Up to 90% more light. Up to 35 m longer beam. Up to 10% whiter light.*

H4 Halogen

CARGO	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
	171474	6	60/55	78 mm	16 mm		Double filament	
	170768	12	60/55	78 mm	16 mm		Double filament	
	171066	12	60/55	78 mm	16 mm		Double filament	*Gives up to 30% more light.*
	171067	12	60/55	78 mm	16 mm	Xenon blue	Double filament	*Brighter light as standard.*
	171113	12	60/55	78 mm	16 mm		Double filament, Longlife	
 P43t	**171114**	12	60/55	78 mm	16 mm	Gold	Double filament	*Gives better visibility in poor weather. Not approved in Germany.*
	171134	12	60/55	78 mm	16 mm		Double filament	*Gives up to 50% more light.*
	170803	12	100/80	78 mm	16 mm	Xenon blue	Double filament	*Brighter light as standard.*
	171065	12	100/80	78 mm	16 mm		Double filament	
	170513	12	130/90	76.4 mm	14.6 mm		Double filament	
	170514	12	165/120	78 mm	16 mm		Double filament	
	170792	24	75/70	78 mm	16 mm		Double filament	
	171125	24	75/70	78 mm	16 mm		Double filament, Heavy Duty	
	170515	24	130/90	78 mm	16 mm		Double filament	
 P45t	**170071**	12	60/55	78 mm	16 mm		Double filament	
 PX43t	**171473**	6	35/35	78 mm	16 mm		HS1	

John	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
	170718	12	35/35	78 mm	16 mm		Double filament	
	170334	12	60/55	78 mm	16 mm		Double filament	
	170657	12	60/55	78 mm	16 mm		Double filament, Longlife	
	170802	12	60/55	78 mm	16 mm	Xenon blue	Double filament	*Brighter light as standard.*
 P43t	**170804**	12	60/55	78 mm	16 mm		Double filament, Megalight	*Gives up to 30% more light.*
	171064	12	60/55	78 mm	16 mm		Double filament, Megalight plus	*Gives up to 60% more light.*
	170009	12	100/90	78 mm	16 mm		Double filament	
	170348	24	75/70	78 mm	16 mm		Double filament	
	170450	24	75/70	78 mm	16 mm		Double filament, Heavy Duty	
	170360	24	100/70	78 mm	16 mm		Double filament	
 P45t	**170681**	12	45/40	78 mm	16 mm		Double filament	
	170359	12	100/80	78 mm	16 mm		Double filament	
	170006	24	75/70	78 mm	16 mm		Double filament	

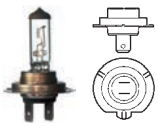
O.E.M. names and numbers are used for reference purposes only.

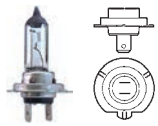
OSRAM	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 P43t	**171688**	12	60/55	82 mm			Double filament, Nightbreaker	*Up to 90% more light. Up to 35 m longer beam. Up to 10% whiter light.*

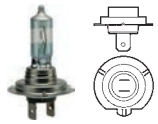
MH6 Halogen

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PX15d	**170811**	12	30/30	47 mm	20 mm		Double filament, Bilux	
	170812	12	30/30	55 mm	15 mm		Double filament	

H7 Halogen

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PX26d	**171077**	12	55	58 mm	11.6 mm		Single filament	
	171079	12	55	58 mm	11.6 mm	Xenon blue	Single filament	*Brighter light as standard.*
	171081	12	55	58 mm	11.6 mm		Single filament	*Gives up to 30% more light.*
	171117	12	55	58 mm	11.6 mm		Single filament, Longlife	
	171137	12	55	58 mm	11.6 mm		Single filament	*Gives up to 50% more light.*
	170837	12	100	58 mm	11.6 mm		Single filament	
	171080	24	70	58 mm	11.6 mm		Single filament	
	171532	24	70	58 mm	11.6 mm		Single filament, Longlife	

Jahn	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PX26d	**170720**	12	55	58 mm	11.6 mm		Single filament	
	170825	12	55	58 mm	11.6 mm	Xenon blue	Single filament	*Brighter light as standard.*
	170800	24	70	58 mm	11.6 mm		Single filament	

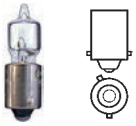
OSRAM	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PX26d	**171689**	12	55	59 mm	11.4 mm		Single filament, Conventional, Nightbreaker	*Up to 90% more light. Up to 35 m longer beam. Up to 10% whiter light.*

H15 Halogen

OSRAM	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PGJ23T-1	**171691**	12	60/19		12.9 mm		Double filament	

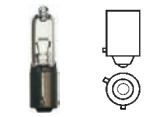
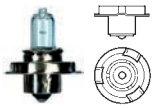
H6W Halogen

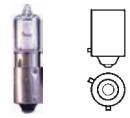
HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BAX9s	**171082**	12	6	35 mm	9 mm		Single filament	

Jahn	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BAX9s	**170741**	12	6	33 mm	9 mm		Single filament	

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H21W Halogen

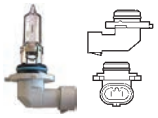
	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BAY9s	**171083**	12	21	40 mm	10 mm		Single filament	
	171084	24	21	40 mm	10 mm		Single filament	
 P26s	**171135**	12	15	36 mm	10 mm		Single filament	

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BAY9s	**170742**	12	21	40 mm	10 mm		Single filament	

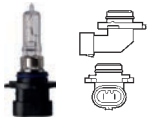
HB1 American Types

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 P29t	**170692**	12	65/45	95 mm	16.5 mm		Halogen	

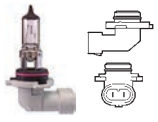
HB3 American Types

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 P20d	**170693**	12	65	78 mm	16 mm		Halogen	

HB3 A American Types

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 P20d	**171804**	12	60	70.9 mm	11.9 mm		Halogen	

HB4 American Types

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 P22d	**170694**	12	55	78 mm	16 mm		Halogen	

HB4 A American Types

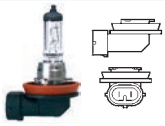
	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 P22d	**171794**	12	51	80.3 mm	10.7 mm		Halogen	

HB5 American Types

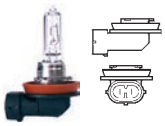
	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PX29t	**171039**	12	65/55	102 mm	17 mm		Halogen	

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

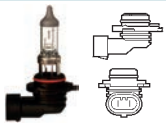
H8 American Types

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PGJ19-1	**171034**	12	35	41 mm	11.7 mm		Halogen	

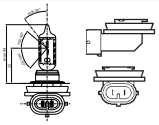
H9 American Types

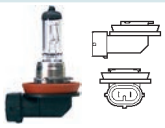
	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PGJ19-5	**171035**	12	65	41 mm	11.7 mm		Halogen	

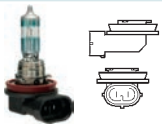
H10 American Types

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PY20d	**171036**	12	42	31.5 mm	12.4 mm		Halogen	

H11 American Types

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PGJ19-2	**172073**	24	70	44 mm			Halogen	

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PGJ19-2	**171037**	12	55	41 mm	11.7 mm		Halogen	

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PGJ19-2	**171690**	12	55	44 mm	11.4 mm		Single filament, Halogen, Nightbreaker	*Up to 90% more light. Up to 35 m longer beam. Up to 10% whiter light.*

H13 Halogen

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 P26.4t	**171796**	12	60/55	86 mm	16.1 mm		Double filament	

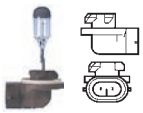
H27W/1 American Types

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PG13	**171009**	12	27	44.5 mm	10.3 mm		Halogen	
 W2.5x16q	**170710**	12	27/7	53 mm	26.5 mm		Halogen, 3157	
	170711	12	27/7	53 mm	26.5 mm	Orange	Halogen, 3157NA	

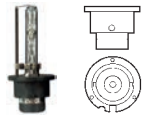
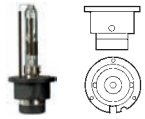
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H27W/2 American Types

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PGJ13	**171953**	12	50	62.7 mm	12.5 mm		Halogen	

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 PGJ13	**171010**	12	27	44.5 mm	10.3 mm		Halogen	
	170951	12	50	62.7 mm	12.5 mm		Halogen	
	170726	12	37.5	62.7 mm	12.5 mm		Halogen	

High Intensity Discharge

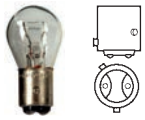
	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 P32d-2	**171133**	85	35	77 mm	13.7 mm	4150K	Electronic gas, D2S	
 P32d-3	**171132**	85	35	79.7 mm	13.7 mm	4150K	Electronic gas, D2R	
 P32d-5	**171713**	42	35	77 mm	13.7 mm	4150K	Electronic gas, D4S	
 P32d-6	**171711**	42	35	79.7 mm	12.4 mm	4150K	Electronic gas, D4R	
 PK-32d-6	**171710**	42	35	80 mm	13 mm	4150K	Electronic gas, D3R	
 PK32d-2	**171613**	85	35	82 mm	41x41 mm	4150K	Electronic gas, D1S	
 PK32d-3	**171683**	85	35	80 mm	13 mm	4150K	Electronic gas, D1R	
 PK32d-5	**171712**	42	35	80 mm	13 mm	4150K	Electronic gas, D3S	

Stop and Tail Lamps

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BAY15d	**170770**	12	21/5	50 mm	25 mm			
	171092	24	21/5	50 mm	25 mm			

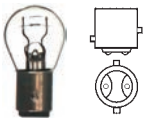
O.E.M. names and numbers are used for reference purposes only.

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
171093	12	21/4	50 mm	25 mm			



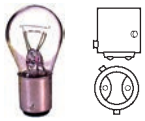
BAZ15d

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
171476	6	21/5	52.5 mm	26.5 mm			
170336	12	21/5	52.5 mm	26.5 mm		P21/5W	
170659	12	21/5	52.5 mm	26.5 mm		Longlife	
170453	24	20/5	52.5 mm	26.5 mm			
170452	24	21/5	52.5 mm	26.5 mm			



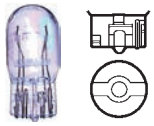
BAY15d

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
170644	12	21/4	52.5 mm	26.5 mm			
170850	24	21/4	52.5 mm	26.5 mm			



BAZ15d

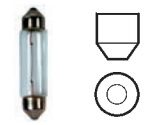
HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
170776	12	21/5	44 mm	20 mm			



T20

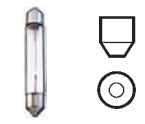
Festoon

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
171487	6	10	36 mm	10.5 mm			
171094	12	5	36 mm	10.5 mm			
171097	12	5	41 mm	10.5 mm			
171095	12	10	36 mm	10.5 mm			
171098	12	10	41 mm	10.5 mm			
171120	12	21	41 mm	15 mm			
171096	24	5	36 mm	10.5 mm			
171099	24	5	41 mm	10.5 mm			
171100	24	10	41 mm	10.5 mm			



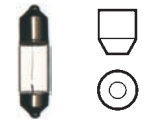
S8.5

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
170591	12	3	33 mm	8.5 mm			



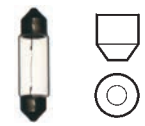
S6

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
170590	12	3	28 mm	8 mm			



S7

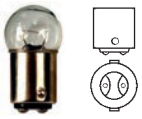
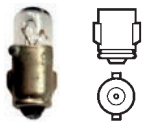
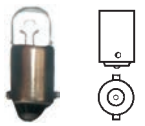
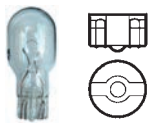
HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
171484	6	5	36 mm	10.5 mm			
171488	6	5	41 mm	10.5 mm			
171486	6	15	41 mm	15 mm			
171479	6	18	41 mm	15 mm			
170341	12	5	36 mm	10.5 mm		C5W	
170343	12	5	41 mm	10.5 mm			
170005	12	10	28 mm	10 mm			
170344	12	10	41 mm	10.5 mm			
170411	12	10	36 mm	10.5 mm			
170342	12	15	41 mm	15 mm			
170588	12	18	41 mm	15 mm			
171139	12	21	41 mm	15 mm			
170414	24	5	36 mm	10.5 mm		C5W	
170592	24	15	41 mm	15 mm			
170589	24	18	41 mm	15 mm			

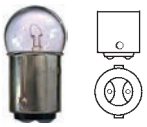
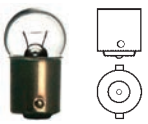
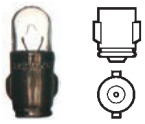
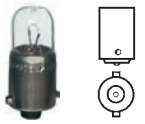


S8.5

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

Parking and Flasher - Postion

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BA15d							
171102	24	5	35 mm	18.5 mm			
170773	12	5	35 mm	18.5 mm			
170794	24	5	35 mm	18.5 mm			
171118	24	5	35 mm	18.5 mm			
 BA15S							
171119	12	2	19 mm	6.8 mm			
 BA7s							
171490	6	3	27.4 mm	8.6 mm			
171103	12	2	23 mm	8.6 mm			
170774	12	4	27.4 mm	8.6 mm			
170822	12	4	27.4 mm	8.6 mm	Xenon blue		*Brighter light as standard.*
170796	24	2	23 mm	8.6 mm			
170795	24	4	27.4 mm	8.6 mm			
 BA9s							
171401	12	5	36 mm	15 mm			
 T15							

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BA15d							
170593	12	5	35 mm	18.5 mm			
171481	6	5	35 mm	18.5 mm			
171480	6	10	35 mm	18.5 mm			
171472	6	18	45 mm	26.5 mm			
170340	12	5	35 mm	18.5 mm		R5W	
170660	12	5	35 mm	18.5 mm		Longlife	
170339	12	10	35 mm	19 mm			
170413	24	5	35 mm	18.5 mm		R5W	
170455	24	5	35 mm	18.5 mm			
 BA15S							
171483	6	1.5	20.7 mm	6.8 mm	White		
170448	12	2	20.7 mm	6.8 mm			
170456	24	3	20.7 mm	6.8 mm			
 BA7s							
171491	6	2	27.4 mm	8.6 mm			
171492	6	4	27.4 mm	8.6 mm			
170345	12	2	23 mm	8.6 mm			
170594	12	3	23 mm	8.6 mm			
170346	12	4	27.4 mm	8.6 mm		T4W	
170580	12	5	29 mm	15.5 mm			
170416	24	2	23 mm	8.6 mm		T2W	
170474	24	3	23 mm	8.6 mm			
170417	24	4	27.4 mm	8.6 mm		T4W	
 BA9s							

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Wedge Base

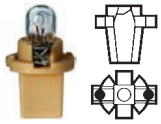
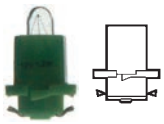
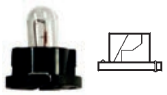
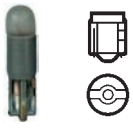
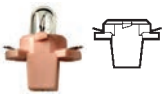
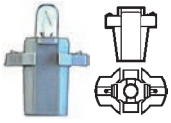
HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
171121	12	2	26 mm	10 mm			
171104	12	3	26 mm	10 mm			
170948	12	5	26 mm	10.3 mm	Xenon blue		*Brighter light as standard.*
171105	12	5	26 mm	10 mm			
171122	12	5	26 mm	10 mm	Blue		
171123	12	5	26 mm	10 mm	Orange		
170810	12	8	26 mm	10 mm			
171106	24	3	26 mm	10 mm			
171107	24	5	26 mm	10 mm			
T10							
170775	12	1.2	20 mm	5 mm			
171108	24	1.2	20 mm	5 mm			
T5							
171391	12	3	20 mm	7 mm			
T7							

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
170725	12	2	26.7 mm	10.3 mm			
170331	12	3	26.7 mm	10.3 mm		W3W	
170778	12	3	26.7 mm	10.3 mm	Orange	W3W	
170779	12	3	26.7 mm	10.3 mm	Green	W3W	
170780	12	3	26.7 mm	10.3 mm	Blue	W3W	
170781	12	3	26.7 mm	10.3 mm	Red	W3W	
170347	12	5	26.7 mm	10.3 mm		W5W	
170662	12	5	26.7 mm	10.3 mm		W5W, Longlife	
170754	12	5	26.7 mm	10.3 mm	Orange	WY5W	
170476	24	3	26.7 mm	10.3 mm		W3W	
170805	24	3	26.7 mm	10.3 mm	Orange	W3W	
170806	24	3	26.7 mm	10.3 mm	Green	W3W	
170807	24	3	26.7 mm	10.3 mm	Blue	W3W	
170808	24	3	26.7 mm	10.3 mm	Red	W3W	
170542	24	5	26.7 mm	10.3 mm		W5W	
T10							
171283	12	2	20 mm	5 mm			
170410	12	1.2	20 mm	5 mm			
170617	12	1.2	20 mm	5 mm	Frosted		
170684	24	0.7	20 mm	5 mm			
170477	24	1.2	20 mm	5 mm			
T5							

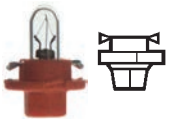
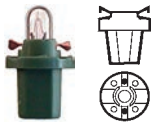
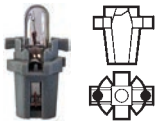
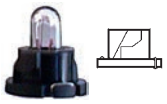
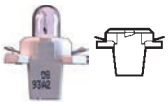
Instrument Panel

HC-CARGO	Voltage	Watt	Length	OD	Colour	Socket colour	Comment
171110	12	2	17.5 mm	5 mm		Light green	
171109	12	1.2	17.5 mm	5 mm		Black	
171381	12	1.2	17.5 mm	5 mm		Blue	
171023	12	1.5	17.5 mm	5 mm		Beige	
B8.4d							
171379	12	1	21 mm	5 mm		Orange	
171024	12	1.2	21 mm	5 mm		Blue	
171383	12	1.5	21 mm	5 mm		Beige	
171380	12	0.36	21 mm	5 mm		Purple	
171028	24	1.2	21 mm	5 mm		Brown	
B8.5d							
171455	12	2	16.5 mm	5 mm		Green	
B8.7d							

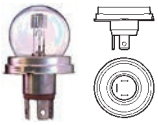
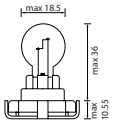
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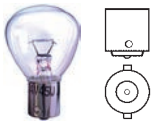
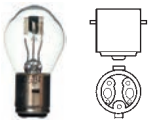
	HC-CARGO	Voltage	Watt	Length	OD	Colour	Socket colour	Comment
 BX2d	**171284**	12	1.2	21.5 mm	5 mm		Black	
 EBSN10	**171377**	24	1.2	20 mm	6 mm		Beige	*Alba- type.*
 EBSR11	**171031**	12	1.2	20 mm	5 mm		Green	*Alba- type.*
	170698	12	1.8	20 mm	5 mm		Blue	*Alba- type.*
	171025	24	1.2	21 mm	5 mm		Yellow	*Alba- type.*
	171026	24	1.2	21 mm	5 mm		Brown	*Alba- type.*
	171032	24	1.4	21 mm	5 mm		Green	*Alba- type.*
 F4.8	**171112**	14	1.2	13 mm	4.8 mm		Black	
 MFHZ	**171382**	12	1.2	38 mm	5 mm		Black	
 MFJF	**171837**	12	2	35 mm	5 mm		Black	
	171384	12	1.2	35 mm	5 mm		Black	
 T-1/4	**170364**	14	1.12	10.5 mm	4 mm			
 T-1/4NW	**170762**	14	0.8	9 mm	3.4 mm		Dark grey	
	171389	14	1.4	11 mm	3.5 mm		Black	
 T-3/4	**170972**	12	0.6	6.5 mm	2.5 mm			*Used as locating light bulbs in switches on japanese vehicles.*
 T5	**171388**	12	0.4	20 mm	5 mm	Frosted	Grey	
 T7	**171111**	14	2	23 mm	7 mm		Pink	
	HC-CARGO	Voltage	Watt	Length	OD	Colour	Socket colour	Comment
 B8.3d	**170612**	12	1.2	23.5 mm	5 mm		Black	
	170613	24	1.2	23.5 mm	5 mm		Grey	

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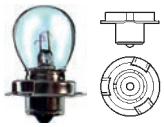
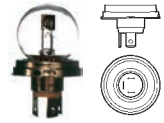
John	HC-CARGO	Voltage	Watt	Length	OD	Colour	Socket colour	Comment
 B8.4d	**170756**	12	2	17.5 mm	5 mm		Light green	
	170727	12	1.2	17.5 mm	5 mm		Black	
	171033	12	1.12	17.5 mm	5 mm		Orange	
 B8.5d	**170610**	12	2	23.5 mm	5 mm		Green	
	170357	12	1.2	23.5 mm	5 mm		Black	
	170358	24	1.2	23.5 mm	5 mm		Grey	
 B8.7d	**170545**	12	1.2	23.5 mm	5 mm		Grey	
 F4.8	**170753**	14	1.4	12 mm	5 mm		Black	
 T5	**170755**	12	0.5	19.5 mm	5 mm		Grey	
	170758	12	1.2	20 mm	5 mm		White	
	170782	12	1.2	20 mm	5 mm	Orange		
	170783	12	1.2	20 mm	5 mm	Green		
	170784	12	1.2	20 mm	5 mm	Blue		
	170785	12	1.2	20 mm	5 mm	Red		
 T7	**170757**	14	2	23.5 mm	5 mm		White	

Conventional

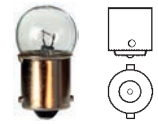
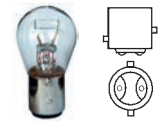
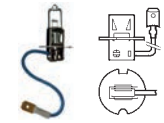
CAR GO	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 P45t	**170771**	12	45/40	77 mm	41 mm		Bilux	
 PG20/4	**171869**	12	24			Orange		*300 lm.*
 PGU20/4	**172074**	12	24	46.5 mm		Orange		

John	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BA15S	**170577**	12	45	53 mm	36 mm			*For US and UK systems.*
	170578	24	45	53 mm	36 mm			*For US and UK systems.*
 BA20d	**171531**	6	35/35	70 mm	36 mm			
	170814	12	25/25	70 mm	36 mm			
	170815	12	35/35	70 mm	36 mm			
	170573	12	45/40	70 mm	36 mm			
	170574	24	45/40	70 mm	36 mm			

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

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BA20s	**170575**	12	35	66 mm	36 mm			
	170579	12	50	66 mm	36 mm			*For German and Italian systems.*
 P26s	**170816**	12	15	46 mm	25.5 mm			
 P45t	**171477**	6	45/40	77 mm	41 mm		Bilux	
	170338	12	45/40	77 mm	41 mm		Bilux	
	170350	24	55/50	77 mm	41 mm		Bilux	

Electric Vehicles and Forklifts

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BA15S	**171410**	48	10	35 mm	16 mm			
	171408	48	25	50 mm	25 mm			
 BAY15d	**171411**	48	25/10	50 mm	25 mm			
 PK22s	**171407**	48	45	42 mm	11.5 mm		Halogen, H3	
	171378	80	55	42 mm	11.5 mm		Halogen, H3	

Flash and Penlight

	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 E10	**170509**	12	3	24 mm	11.5 mm			
	170674#	24	2	24 mm	11.5 mm			
 P13.5s	**171280**	48		30 mm	11 mm		Krypton	

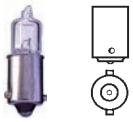
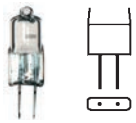
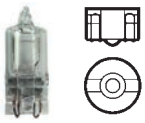
Wedge Base - Covers

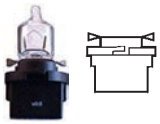
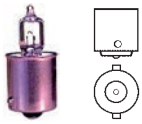
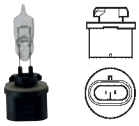
	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
	**170731**					Blue		
	**170732**					Green		
	**171127**					Orange		

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

John	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
	**171128**					Blue		
	**171129**					Green		
	**171130**					Red		
	**171131**					Orange		

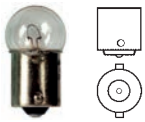
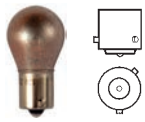
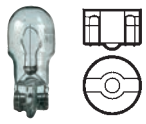
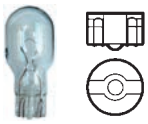
Halogen

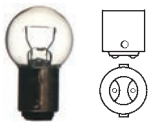
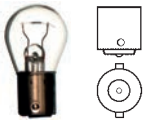
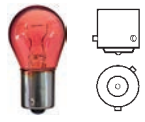
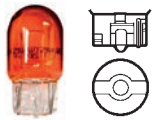
CAR GO	HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BA9s	**170470**	12	5	33 mm	9 mm			
	170502	12	12	33 mm	9 mm			
	170380	12	20	35 mm	9 mm			
 G4	**171425**	12	5	30 mm	8 mm			
	170712	12	10	30 mm	8 mm			
	170749	12	20	30 mm	8 mm			
	170848	24	10	30 mm	8 mm			
	170750	24	20	30 mm	8 mm			
 T10	**171124**	12	5	33 mm	9 mm			

John	HC-CARGO	Voltage	Watt	Length	OD	Socket colour	Type	Comment
 B10d	**170751**	12	3	27.8 mm	8.8 mm	Brown		
	170752	12	5	27.8 mm	8.8 mm	Black		
 BA15S	**170839**	12	10	37.5 mm	10 mm			
 PG13	**171748**	12	50				American, 885	
 W2.5x16d	**171747**	12	27				American, 3156	

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

Stop and Flasher - Position

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BA15d							
171088	24	15	43 mm	23 mm			
 BA15S							
170772	12	10	35 mm	18 mm			
170769	12	21	50 mm	25 mm			
171091	12	21	50 mm	25 mm	Orange		
170793	24	10	35 mm	18 mm			
171076	24	10	35 mm	18 mm			
171086	24	15	43 mm	23 mm			
170826	24	21	50 mm	25 mm			
171078	24	21	50 mm	25 mm			
 BAU15s							
171089	12	21	50 mm	25 mm	Orange		
171371	12	21	50 mm	25 mm	Silver/amber		
171090	24	21	50 mm	25 mm	Orange		
 T13							
171390	12	10	30 mm	13 mm			
 T15							
171402	12	10	36 mm	15 mm			
171403	12	21	36 mm	15 mm			

HC-CARGO	Voltage	Watt	Length	OD	Colour	Type	Comment
 BA15d							
170583	12	15	45 mm	26.5 mm			
170585	12	20	45 mm	26.5 mm			
170481	24	20	45 mm	26.5 mm			
 BA15S							
171475	6	21	52.5 mm	26.5 mm			
170584	12	15	35 mm	19 mm			
170335	12	21	52.5 mm	26.5 mm		P12W	
170658	12	21	52.5 mm	26.5 mm		Longlife	
170351	24	10	35 mm	19 mm		R10W	
170454	24	10	35 mm	15 mm			
170349	24	21	52.5 mm	26.5 mm		P21W	
170451	24	21	52.5 mm	26.5 mm			
170614	24	25	45 mm	26.5 mm			
 BAU15s							
170849	24	21	52.5 mm	26.5 mm	Orange		
 T16							
170813	12	16	37 mm	15 mm			
 T20							
170777	12	21	44 mm	20 mm			
171398	12	21	44 mm	20 mm	Orange		

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

Spare Lamp Kits

For Cars

Jahn



171040



171042



171043

Dimensions: 90 x 90 x 57 mm.

Contains:

HC-CARGO	TYPE	Jahn Ref. No.	Description	H4 171040	H7 171042	H1/H7 171043
170804	H4	1134	12 V. 60/55 W. P43t.	1		
170332	H1	1111	12 V. 55 W. P14.5s.		1	
170720	H7	1117	12 V. 55 W. PX 26d.		1	1
170335	P12W	1321	12 V. 21 W. BAY15s.	1	1	1
170336	P21/5W	1341	12 V. 21/5W. BAY15d.	1	1	1
170648	PY21W	1383	12 V. 21W. BAU15s.		1	1
170347	W5W	1621	12 V. 5 W. W2.1 x 9.5d.		1	1
170340	R5W	1401	12 V. 5 W. BA15s.	1	1	
170341	C5W	1711	12 V. 5 W. SV8.5.		1	1
170346	T4W	1501	12 V. 5 W. SV8.5.	1		
190057	ATO blade fuse		10 Amp. Red.	1	1	1
190058	ATO blade fuse		15 Amp. Blue.	1	1	1
190059	ATO blade fuse		20 Amp. Yellow.	1	1	1

For Trucks and Busses

Jahn

Contains:

HC-CARGO	TYPE	Jahn Ref. No.	Description	H4 171044
170348	H4	1102	24 V. 75/70W P43t.	2
170417	T4W	1502	24 V. 4 W. BA9s.	2
170413	R5W	1402	24 V. 5 W. BA15s.	1
170351	R10W	1412	24 V. 10 W. BA15s.	1
170349	P21W	1322	24 V. 21 W. BA15s.	4
170416	T2W	1512	24 V. 2 W. BA9s.	2
170475	Fest. T10.5	1732	24 V. 10 W. SV8.5.	1
170414	C5W	1712	24 V. 5 W. SV8.5.	1
190057	ATO blade fuse		10 Amp. Red.	1
190058	ATO blade fuse		15 Amp. Blue.	1
190059	ATO blade fuse		20 Amp. Yellow.	1
190060	ATO blade fuse		25 Amp. Natural.	1

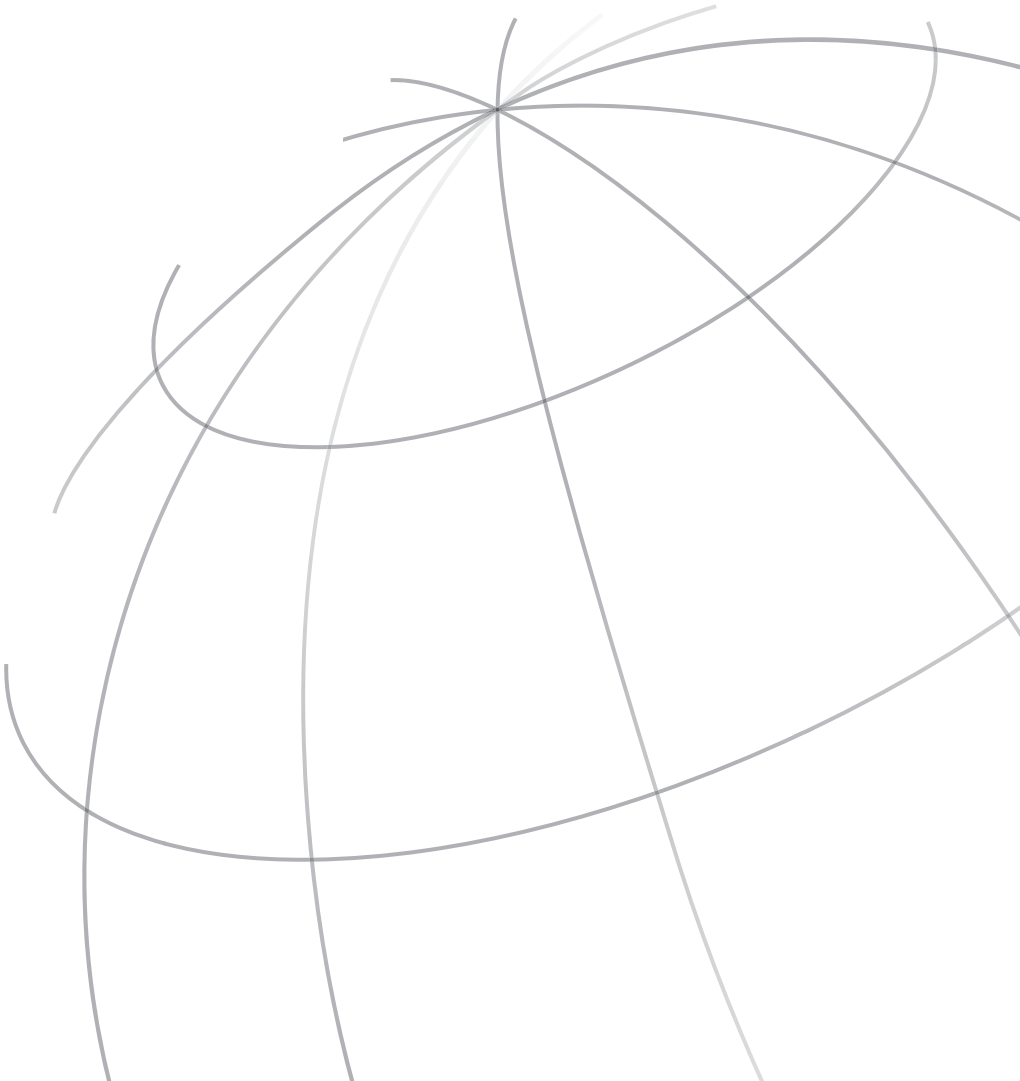


171044

Dimensions: 210 x 95 x 60 mm.

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

Electrical Components



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

CAMERA & PARKING SENSORS

CCTV REAR OBSERVATION SYSTEM

160775 Rear Observation Kit

Kit consisting of 1x7" monitor w/ quad: HC-CARGO 160776. 1x colour camera w/ audio: HC-CARGO 160796. 1x20 m extension cable: HC-CARGO 160611.



Voltage: 12/24

Extension cable: 20 m
Height: 140 mm
Depth: 50.8 mm
Display size: 7"
Width: 191 mm
Wide angle: 60°

Monitor: LED
Type: Camera kit
Camera type: Colour
Accessories: DVD
No./cameras: 4+1
Audio: Yes
Extra camera: w/
Infrared: w/

160783 Rear Observation Kit

Kit consisting of 1x7" monitor: HC-CARGO 160784. 1x colour camera: HC-CARGO 160796. 1x20 m extension cabel: HC-CARGO 160611.



Voltage: 12/24

Extension cable: 20 m
Height: 140 mm
Depth: 50.8 mm
Display size: 7"
Width: 191 mm
Wide angle: 60°

Monitor: LED
Type: Camera kit
Camera type: Colour
Accessories: DVD
No./cameras: 3+1
Remote control: w/o
Audio: Yes
Extra camera: w/
Infrared: w/

160793 Rear View Mirror Monitor kit

w/o camera and extension cable. Camera: HC-CARGO 160610, 160796. Extension cables use: HC-CARGO 160611, 160612, 160613, 160672.



Voltage: 12/24

Display size: 4.3"

Camera type: Colour
Accessories: DVD
Audio: Yes

160994 Rear Observation Kit

Consists: 1x7" monitor w/ remote control: HC-CARGO 160995. 1x colour camera: HC-CARGO 160887. 1x20 m extension cable: HC-CARGO 160888.



Voltage: 12-24

Extension cable: 20 m
Display size: 7"

Monitor: TFT-LCD
Type: Camera kit
Camera type: Colour
No./cameras: max. 2
Remote control: w/
Audio: Yes
Infrared: w/
Language: Chinese, German, English, French, Dutch, Italian, Japanese, Portuguese, Spanish

160996 Rear Observation Kit

Consists: 1x5" monitor w/ remote control: HC-CARGO 160997. 1x colour camera: HC-CARGO 160887. 1x20 m extension cable: HC-CARGO 160888.



Voltage: 12-24

Extension cable: 20 m
Display size: 5"

Monitor: TFT-LCD
Type: Camera kit
Camera type: Colour
No./cameras: max. 2
Remote control: w/
Audio: Yes
Extra camera: w/
Infrared: w/
Language: Chinese, German, English, French, Dutch, Italian, Japanese, Portuguese, Spanish

161005 Rear Observation Kit



Voltage: 12

Display size: 3.5"
Wide angle: 170°

Monitor: TFT-LCD
Type: Camera kit
Camera type: Colour - Wireless
No./cameras: 1
Audio: No
Infrared: w/o
Language: Chinese, German, English, French, Dutch, Italian, Japanese, Portuguese, Spanish

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

161007 Rear Observation Kit, Waterproof

IP 67.



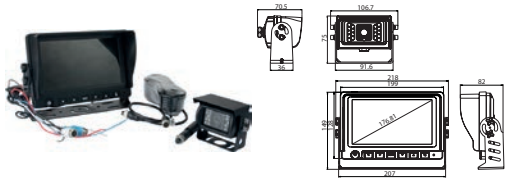
Voltage: 12-24

Display size: 7"

Monitor: TFT-LCD
Type: Camera kit
Camera type: Colour
No./cameras: Max. 2
Remote control: w/
Audio: Yes
Infrared: w/
Language: Chinese, German, English, French, Dutch, Italian, Japanese, Portuguese, Spanish

161027 Rear Observation Kit

Consists: 1x7" monitor: HC-CARGO 161034. 1x colour camera: HC-CARGO 161028. 1x10 m extension cable: HC-CARGO 160889.



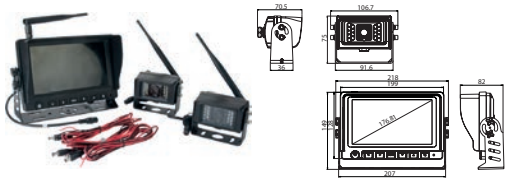
Voltage: 12-24

Extension cable: 10 m
Display size: 7"
Wide angle: 130°

Monitor: TFT-LCD
Type: Camera kit
Camera type: Colour
No./cameras: max. 2
Audio: No
Infrared: w/
Language: Chinese, German, English, French, Dutch, Italian, Portuguese, Spanish, Danish, Russian, Polish

161031 Rear Observation Kit

Consists: 1x7" monitor: HC-CARGO 161032. 2x colour camera: HC-CARGO 161033.



Voltage: 12-24

Display size: 7"
Wide angle: 130°

Monitor: TFT-LCD
Type: Camera kit
Camera type: Colour - Wireless
No./cameras: 2
Audio: No
Infrared: w/
Language: English

161039 Rear Observation Kit

Consists: 1x5" monitor: HC-CARGO 161040. 1x colour camera: HC-CARGO 161043. 1x20 m extension cable: HC-CARGO 160888.

NEW PRODUCT
www.hc-cargo.com

Voltage: 12-24

Extension cable: 20 m
Display size: 5"
Wide angle: 130°

Monitor: TFT-LCD
Type: Camera kit
Camera type: Colour
No./cameras: max. 2
Remote control: w/
Audio: Yes
Infrared: w/
Language: Chinese, German, English, French, Dutch, Italian, Portuguese, Spanish, Danish, Russian, Polish

CAMERAS

160610 CCTV Camera

Servicing: HC-CARGO 160775, 160783, 160793

w/ original anoised finish and anti-fog glas.



Voltage: 12
Light sensitivity: 0.1 lux

OD: 30 mm
Length: 70 mm
Connection cable: 6 pin mini DIN
Weight: 0.200 kg
Resolution: >330 TV lines
Shutter rate: 1/50-1/100.000 sec.
Wide angle: 110°

Signal system: PAL
Type: Colour
Colour: Black
Material: Aluminium
Picture sensor: 1/3" CCD
Microphone: w/o
Mirror function: w/
Protection degree: IP 68

160880 Side Camera

Servicing: HC-CARGO 160775, 160783, 160793



Voltage: 12
Light sensitivity: 0 lux/ IR LED on lux

Connection cable: 2 m
Height: 60.7 mm
Depth: 82.6 mm
Width: 61.12 mm
Resolution: 380 TV lines
Shutter rate: 1/60-1/100.000 sec.
Wide angle: 73°

Signal system: PAL
Type: Colour
Colour: Black
Material: Aluminium
Picture sensor: 1/4" CCD
Microphone: w/o
Infrared: w/
Mirror function: w/
Protection degree: IP 67

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160887 Colour Camera	**Servicing:** HC-CARGO 160994, 160996		
	**Voltage:** 12/24 **Light sensitivity:** 0 lux	**Connection cable:** 0.3 m 4 pin **Height:** 43 mm **Depth:** 57 mm **Width:** 75 mm **Resolution:** 420 TV lines **Wide angle:** 120°	**Signal system:** PAL **Type:** Colour **Colour:** Black **Material:** Aluminium **Picture sensor:** 1/3" CCD **Microphone:** w/ **Infrared:** w/ **Mirror function:** w/ **Protection degree:** IP 68
160972 Colour Camera	**Servicing:** HC-CARGO 160994, 160996		
	**Voltage:** 12/24 **Light sensitivity:** 0 lux	**Connection cable:** 0.3 m 4 pin **Height:** 43 mm **Depth:** 57 mm **Width:** 75 mm **Resolution:** 480 TV lines **Wide angle:** 95°	**Signal system:** PAL/NTSC **Type:** Colour **Colour:** Black **Material:** Aluminium **Picture sensor:** 1/3" CCD **Microphone:** w/ **Infrared:** w/ **Mirror function:** w/ **Protection degree:** IP 68
161006 Colour Camera w/ auto close	**Servicing:** HC-CARGO 161027, 160994, 161005, 161007, 161039		
	**Voltage:** 12-24 **Light sensitivity:** 0 lux	**Connection cable:** 0.5 m **Resolution:** 420 TV lines **Wide angle:** 140°	**Signal system:** PAL/NTSC **Type:** Colour **Colour:** Black **Material:** Aluminium **Picture sensor:** 1/3" CCD **Microphone:** w/o **Infrared:** w/ **Protection degree:** IP 68
161028 Colour Camera	**Servicing:** HC-CARGO 161027, 160994, 160996, 161005, 161007		
	**Voltage:** 12 **Light sensitivity:** 0 lux	**Connection cable:** 4 pin **Height:** 77.2 mm **Depth:** 66 mm **Width:** 77.2 mm **Resolution:** 420 TV lines **Wide angle:** 130°	**Signal system:** PAL **Type:** Colour **Colour:** Black **Material:** Aluminium **Picture sensor:** 1/3" CCD **Microphone:** w/o **Infrared:** w/ **Mirror function:** w/ **Protection degree:** IP 69K
161029 Colour Camera w/ Heat.			
HC-CARGO 161027, 160994, 160996, 161005, 161007			
	**Voltage:** 12-24 **Light sensitivity:** 0 lux	**Connection cable:** 4 pin **Height:** 77.2 mm **Depth:** 66 mm **Width:** 77.2 mm **Resolution:** 420 TV lines **Wide angle:** 130°	**Signal system:** PAL **Type:** Colour **Colour:** Black **Material:** Aluminium **Picture sensor:** 1/3" CCD **Microphone:** w/ **Infrared:** w/ **Mirror function:** w/ **Protection degree:** IP 69K
161030 Side Camera	**Servicing:** HC-CARGO 161027, 160994, 160996, 161005, 161007		
	**Voltage:** 12 **Light sensitivity:** 0 lux	**Connection cable:** 4 pin **Height:** 60 mm **Depth:** 90 mm **Width:** 75 mm **Resolution:** 420 TV lines **Wide angle:** 130°	**Signal system:** PAL **Type:** Colour **Colour:** Black **Material:** Aluminium **Picture sensor:** 1/3" CCD **Microphone:** w/o **Infrared:** w/ **Protection degree:** IP 69K
161033 Colour Camera	**Servicing:** HC-CARGO 161031		
	**Voltage:** 12-24 **Light sensitivity:** 0 lux	**Connection cable:** 4 pin **Height:** 75 mm **Depth:** 70.5 mm **Width:** 106.7 mm **Resolution:** 420 TV lines **Wide angle:** 120°	**Signal system:** PAL/NTSC **Type:** Colour - Wireless **Colour:** Black **Material:** Aluminium **Picture sensor:** 1/4" CMOS **Microphone:** w/o **Infrared:** w/ **Mirror function:** w/ **Protection degree:** IP 69K

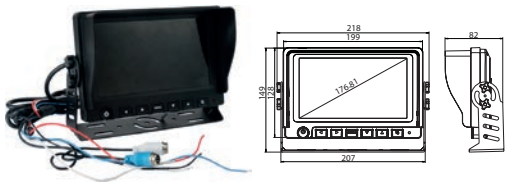
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
161038 Colour Camera w/ Audio	**Servicing:** HC-CARGO 160775, 160783, 160793		
	**Voltage:** 12 **Light sensitivity:** 0 lux	**Connection cable:** 1.3 m w/ 6 pin Mini DIN **Height:** 75 mm **Depth:** 60 mm **Width:** 90 mm **Resolution:** 420 TV lines **Shutter rate:** 1/50-1/100.000 sec. **Wide angle:** 122°	**Signal system:** PAL/NTSC **Type:** Colour **Colour:** White **Material:** Aluminium **Picture sensor:** 1/3" CCD **Microphone:** w/ **Infrared:** w/ **Mirror function:** w/ **Protection degree:** IP 68
161041 Colour camera for roof mounting	**Servicing:** HC-CARGO 161027, 160994, 161005, 161007, 161039		
NEW PRODUCT www.hc-cargo.com	**Voltage:** 12 **Light sensitivity:** 0 lux	**Connection cable:** 0.35 m **Height:** 80 mm **Depth:** 215 mm **Width:** 135 mm **Weight:** 0.36 kg **Resolution:** 420 TV lines **Wide angle:** 120°	**Signal system:** PAL/NTSC **Type:** Colour **Colour:** Black **Picture sensor:** 1/3" CCD **Microphone:** w/o **Infrared:** w/ **Protection degree:** IP 66
161043 Colour Camera	**Servicing:** HC-CARGO 161027, 160994, 161005, 161007, 161039		
	**Voltage:** 12 **Light sensitivity:** 0 lux	**Connection cable:** 4 pin **Height:** 70 mm **Depth:** 84 mm **Width:** 76 mm **Weight:** 0.4 kg **Resolution:** 420 TV lines **Wide angle:** 130°	**Signal system:** PAL **Type:** Colour **Colour:** Black **Material:** Aluminium **Picture sensor:** 1/3" CCD **Microphone:** w/ **Infrared:** w/ **Mirror function:** w/ **Protection degree:** IP 69K

MONITORS

160776 Monitor	**Servicing:** HC-CARGO 160775		
	**Voltage:** 12/24	**Display size:** 7" **Resolution:** 1440x234 pixels	**Signal system:** PAL/NTSC **Type:** LED **Mount. bracket:** w/ **Loudspeaker:** Yes **Mirror function:** w/
160784 Monitor			
	**Voltage:** 12/24	**Display size:** 7" **Resolution:** 1440(W) x 234(H) pixels	**Signal system:** PAL/NTSC **Type:** TFT-LCD **Mount. bracket:** w/ **Loudspeaker:** Yes **Mirror function:** w/
160995 Monitor	**Servicing:** HC-CARGO 160994		
	**Voltage:** 12-24	**Display size:** 7" **Resolution:** 400x234 pixels	**Signal system:** PAL/NTSC **Type:** TFT-LCD **Mount. bracket:** w/ **Remote control:** w/ **Loudspeaker:** Yes **Mirror function:** w/o **Language:** Chinese, German, English, French, Dutch, Italian, Japanese, Portuguese, Spanish
160997 Monitor	**Servicing:** HC-CARGO 160996		
	**Voltage:** 12-24	**Display size:** 5" **Resolution:** 400x234 pixels	**Signal system:** PAL/NTSC **Type:** TFT-LCD **Mount. bracket:** w/ **Remote control:** w/ **Loudspeaker:** Yes **Mirror function:** w/o **Language:** Chinese, German, English, French, Dutch, Italian, Japanese, Portuguese, Spanish

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
161032 Monitor	**Servicing:** HC-CARGO 161031		
	**Voltage:** 12-24	**Display size:** 7" **Resolution:** 800x480 pixels	**Type:** TFT-LCD **Camera type:** Colour - Wireless **Mount. bracket:** w/ **Mirror function:** w/ **Language:** Chinese, German, English, French, Dutch, Italian, Portuguese, Spanish, Danish, Russian, Polish
161034 Monitor	**Servicing:** HC-CARGO 161027		
	**Voltage:** 12-24	**Display size:** 7" **Resolution:** 800x480 pixels	**Type:** TFT-LCD **Camera type:** Colour **Mount. bracket:** w/ **Loudspeaker:** Yes **Mirror function:** w/ **Language:** Chinese, German, English, French, Dutch, Italian, Portuguese, Spanish, Danish, Russian, Polish
161040 Monitor	**Servicing:** HC-CARGO 161039		
NEW PRODUCT www.hc-cargo.com	**Voltage:** 12-24	**Display size:** 5" **Resolution:** 640x480 pixels	**Type:** TFT-LCD **Mount. bracket:** w/ **Remote control:** w/ **Loudspeaker:** Yes **Mirror function:** w/ **Language:** Chinese, German, English, French, Dutch, Italian, Portuguese, Spanish, Danish, Russian, Polish

ACCESSORIES

160611 CCTV Extension Cable	**Servicing:** HC-CARGO 160775, 160783, 160793		
		**Length:** 20 m	**Plug:** Mini DIN 6 pin
160612 CCTV Extension Cable	**Servicing:** HC-CARGO 160775, 160783, 160793		
		**Length:** 15 m	**Plug:** Mini DIN 6 pin
160613 CCTV Extension Cable	**Servicing:** HC-CARGO 160775, 160783, 160793		
		**Length:** 10 m	**Plug:** Mini DIN 6 pin
160672 CCTV Extension Cable	**Servicing:** HC-CARGO 160775, 160783, 160793		
		**Length:** 6 m	**Plug:** Mini DIN 6 pin

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160888 CCTV Extension Cable	**Servicing:** HC-CARGO 160994, 160996		
		**Length:** 20 m	**Plug:** 4 pin
160889 CCTV Extension Cable	**Servicing:** HC-CARGO 160994, 160996		
		**Length:** 10 m	**Plug:** 4 pin
160916 Trailer Cable Kit	**Servicing:** HC-CARGO 160994, 160996		
		**Cable from socket to camera:** 2 m **Cable from socket to monitor:** 5 m **Coil length:** 3 m	**Plug:** 4 pin
160961 Power Cable	**Servicing:** HC-CARGO 160886		
	**Voltage:** 12-24		
160965 Lens	**Servicing:** HC-CARGO 160610		
			**Material:** Glass
160993 Trailer Cable Kit	**Servicing:** HC-CARGO 160775, 160783, 160793		
		**Cable from socket to camera:** 20 m **Cable from socket to monitor:** 5 m **Coil length:** 2 m	**Plug:** Mini DIN 6 pin
161036 Aerial	**Servicing:** HC-CARGO 161031, 161032, 161033		
			**Colour:** Black **Material:** Rubber

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
161037 Lens	**Servicing:** HC-CARGO 160610		
			**Material:** Glass
161044 Monitor Mounting, W/suction Cup			
NEW PRODUCT www.hc-cargo.com			

ACOUSTIC WARNING

REVERSING ALARMS

160346 Reversing Alarm			
w/ "beep-beep" warning sound.			
	**Voltage:** 12 **Watt:** 10 **Decibel:** 90		**Bulb type:** Halogen **Socket type:** BA15S **ADR-approved:** No
160410 Reversing Alarm			
w/ "beep-beep" warning sound.			
	**Voltage:** 24 **Watt:** 20 **Decibel:** 90		**Bulb type:** Halogen **Socket type:** BA15S **ADR-approved:** No
160481 Reversing Alarm			
	**Voltage:** 12/24 **Amp:** 0.25 **Decibel:** 96 **Hertz:** 2500		**Overvoltage:** Yes **Waterproof:** Yes **ADR-approved:** No
160482 Reversing Alarm			
Night attenuation, excluding when fog lights are on. RED LEAD- To reverse lamp, BLACK LEAD- To earth, ORANGE LEAD- To side lamp (night silent mode), GREEN LEAD- To fog lamp (night silent override).			
	**Voltage:** 12/24 **Amp:** 0.25 **Decibel:** 100 **Hertz:** 980		**Overvoltage:** Yes **Waterproof:** Yes **ADR-approved:** Yes
160689 Reversing Alarm			
	**Voltage:** 12/80 **Miliamp:** 30 **Decibel:** 85 **Hertz:** 3200	**Weight:** 0.035 kg	**Type:** Buzzer **Waterproof:** Yes **ADR-approved:** No

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

BUZZERS

160533 Warning Buzzer



Voltage: 24
Miliamp: 21
Decibel: 99
Hertz: 400±100

160534 Warning Buzzer



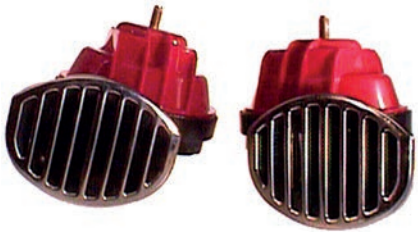
Voltage: 12
Miliamp: 25
Decibel: 97
Hertz: 400±100

HORNS

ELECTRICAL

160036 Twin Fanfare Horn

Red w/ chromium grill.



Voltage: 12
Decibel: 112
Hertz: 410-490

Relay: w/
Marine: No
E-approval: Yes

160393 Horn

2 terminals. w/ bracket.



Voltage: 36-48
Amp: 1
Decibel: 112
Hertz: 420

OD: 100 mm

Type: Single tone
Material: Steel
Marine: No
E-approval: Yes

160414 Horn

Model EM2.



Voltage: 24
Amp: 4
Decibel: 118
Hertz: 370

Length: 400 mm

Type: Single tone
Material: Chromed brass
Relay: w/o
Marine: Yes

160415 Horn

Model EM2.



Voltage: 12
Amp: 5
Decibel: 118
Hertz: 370

Length: 400 mm

Type: Single tone
Material: Chromed brass
Relay: w/o
Marine: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160658 Horn	**Servicing:** VW		
w/ K-Jetronic connection. w/ bracket.			
	**Voltage:** 12 **Amp:** <1 **Hertz:** 335	**OD:** 100 mm	**Type:** Single tone **Material:** Steel **Marine:** No **E-approval:** Yes
160712 Horn	**Servicing:** VW		
w/ K-Jetronic connection.			
	**Voltage:** 12	**OD:** 82 mm **Length:** 117 mm	**Type:** Dual tone **Relay:** w/o **Marine:** No **E-approval:** Yes
160746 Horn	**Servicing:** Scooters and motor cycles		
2 terminals. w/ bracket.			
	**Voltage:** 12 **Amp:** 1-1.4 **Decibel:** 109 **Hertz:** 410-550	**OD:** 70 mm	**Type:** Single tone **Material:** Steel **Marine:** No **E-approval:** Yes
160986 Horn			
2 terminals. w/ bracket.			
	**Voltage:** 12 **Amp:** 3.5 **Decibel:** 112 **Hertz:** 420	**OD:** 90 mm	**Type:** Single tone **Material:** Steel **Marine:** No **E-approval:** Yes
160987 Horn			
2 terminals. w/ bracket.			
	**Voltage:** 24 **Amp:** 2.5 **Decibel:** 112 **Hertz:** 420	**OD:** 90 mm	**Type:** Single tone **Material:** Steel **Marine:** No **E-approval:** Yes
160988 Horn			
2 terminals. w/ bracket.			
	**Voltage:** 12 **Amp:** 3.5 **Decibel:** 112 **Hertz:** 335	**OD:** 90 mm	**Type:** Single tone **Material:** Steel **Marine:** No **E-approval:** Yes
160989 Horn			
2 terminals. w/ bracket.			
	**Voltage:** 24 **Amp:** 2.5 **Decibel:** 112 **Hertz:** 335	**OD:** 90 mm	**Type:** Single tone **Material:** Steel **Marine:** No **E-approval:** Yes

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

AIR HORNS

160002 Compressor Horn

w/ parts.



Voltage: 12
Amp: 16
Decibel: 117
Hertz: 630-795

Type: Dual tone
Material: Shockproof plastic
Relay: w/
E-approval: Yes

160038 Pneumatic Horn

Operating pressure 500-1200 kPa. For trucks equipped w/ on-board air.



Decibel: 118
Hertz: 330/370

OD: 80 mm
Length: 390 mm

Type: Dual tone
Material: Chromed Metal
E-approval: Yes

160355 Pneumatic Horn

Servicing: Trucks

Operating pressure 30-1200 kPa. Equipped w/ on-board air.



Decibel: 118
Hertz: 210

OD: 160 mm
Length: 600 mm

Type: Single tone
Material: Chromed Metal
E-approval: Yes

160356 Pneumatic Horn

Servicing: Trucks

Operating pressure 30-1200 kPa. Equipped w/ on-board air.



Decibel: 118
Hertz: 190

OD: 160 mm
Length: 680 mm

Type: Single tone
Material: Chromed Metal

160508 Compressor Horn



Voltage: 24
Amp: 8
Decibel: 118
Hertz: 692-756

Type: Dual tone
Material: Shockproof plastic
Relay: w/
E-approval: Yes

SPARE PARTS

160039 Electric Valve

For Compressor horn.



Voltage: 24

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160213 Compressor			
Marine horn: HC-CARGO 160048.			
	**Voltage:** 24	**OD:** 90 mm **Length:** 165 mm **Pressure:** 2 bar	**Material:** Aluminium **Relay:** w/ **Marine:** Yes
160333 Compressor	**Servicing:** HC-CARGO 160038		
Approved for boats until 12 mtr.			
	**Voltage:** 12	**OD:** 70 mm **Length:** 112 mm **Pressure:** 1.5 bar	**Type:** 1, 2 and 3 tones **Material:** Aluminium **Relay:** w/ **Marine:** Yes
160334 Compressor	**Servicing:** HC-CARGO 160038		
	**Voltage:** 24	**OD:** 70 mm **Length:** 112 mm **Pressure:** 1.5 bar	**Type:** 1, 2 and 3 tones **Material:** Aluminium **Relay:** w/ **Marine:** Yes

SPARE PARTS

160042 Y-Connector	**Servicing:** HC-CARGO 160002, 160508		
			
190097 PA Hose 8 mm			
		**ID:** 8 mm **OD:** 11.6 mm **Length:** 50 m	**Hose type:** Washer

POWER MANAGEMENT COMPONENTS

VOLTAGE CONVERTERS

160899 Adaptor			
Max. output 220 W. 7-13 pole.			
	**Voltage/in:** 24 **Voltage/out:** 12 **Watt/out:** 6x70		**Type:** Switch mode

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160900 Trailer Light Converter Adapter

Max. output 220 W. 7-7 pole.



Voltage/in: 24
Voltage/out: 12
Watt/out: 6x70

Type: Switch mode

160901 Trailer Light Converter

Output: 2x42 W + 4x60 W. Level B. To be used when HC-CARGO 160899 and 160900 are not suited.



Voltage/in: 24
Voltage/out: 12

Type: Switch mode/isolated
Protection degree: IP 69K
Approvals: Connection

NON INSULATED

160387 Voltage Converter

The converter is supplied w/ a unique clip mounting bracket. The converter is intended for use w/ radios, casette players or other similar equipment. Fitting instruction included.



Voltage/in: 24
Voltage/out: 13.8
Amp/5 min: 6
Amp/cont.: 3
Amp/ offload: 8
Watt/out: 40

Dim.: 68x87x50 mm

Type: Switch mode/uninsulated
Alarm/over heating: Yes
Alarm/overvoltage: Yes
Alarm/rev. con.: Yes
Alarm/transients: Yes
Over current: Yes
Approvals: CE

160388 Voltage Converter

The converter is supplied w/ a unique clip mounting bracket. The converter is intended for use w/ radios, casette players or other similar equipment. Fitting instruction included.



Voltage/in: 24
Voltage/out: 13.8
Amp/5 min: 10
Amp/cont.: 6
Amp/ offload: 8
Watt/out: 75

Dim.: 90x87x50 mm

Type: Switch mode/uninsulated
Alarm/over heating: Yes
Alarm/overvoltage: Yes
Alarm/rev. con.: Yes
Alarm/transients: Yes
Over current: Yes
Approvals: CE

160306 Voltage Converter

The converter is supplied w/ a unique mounting bracket. The converter is intended for use w/ heavy duty communication equipment or other similar equipment. Fitting instruction included.



Voltage/in: 24
Voltage/out: 13.8
Amp/5 min: 18
Amp/cont.: 12
Amp/ offload: 8
Watt/out: 160

Dim.: 128x87x50 mm

Type: Switch mode/uninsulated
Alarm/over heating: Yes
Alarm/overvoltage: Yes
Alarm/rev. con.: Yes
Alarm/transients: Yes
Over current: Yes
Approvals: CE

160389 Voltage Converter

The converter is supplied w/ a unique clip mounting bracket. The converter is intended for use w/ high power audio installations and high frequency radio transmission or other similar equipment. Fitting instruction included.



Voltage/in: 24
Voltage/out: 13.8
Amp/5 min: 30
Amp/cont.: 24
Amp/ offload: 8
Watt/out: 330

Dim.: 168x87x50 mm

Type: Switch mode/uninsulated
Alarm/over heating: Yes
Alarm/overvoltage: Yes
Alarm/rev. con.: Yes
Alarm/transients: Yes
Over current: Yes
Approvals: CE

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

INSULATED

160960 Power Converter

Servicing: Used for mounting computers in trollies

Modified to stabilize the output voltage.



Voltage/in: 10-32
Voltage/out: 12
Amp/cont.: 6
Watt/out: 72

Dim.: 167x87x50 mm

Type: Switch mode/isolated
Protection degree: IP 533
Approsals: CE

160642 Converter



Voltage/in: 12
Voltage/out: 24
Amp/5 min: 4
Amp/cont.: 3
Amp/ offload: <50
Watt/out: 72

Dim.: 89x87x50 mm

Type: Switch mode/isolated
Over current: Yes
Approsals: CE

160644 Converter



Voltage/in: 12
Voltage/out: 24
Amp/5 min: 9
Amp/cont.: 7
Amp/ offload: <50
Watt/out: 168

Dim.: 167x87x50 mm

Type: Switch mode/isolated
Over current: Yes
Approsals: CE

160646 Converter



Voltage/in: 12
Voltage/out: 24
Amp/5 min: 13
Amp/cont.: 10
Amp/ offload: <50
Watt/out: 240

Dim.: 217x87x50 mm

Type: Switch mode/isolated
Over current: Yes
Approsals: CEv

160390 Voltage Converter

The converter is supplied w/ a unique clip mounting bracket. The converter is intended for use w/ the same equipment as HC-CARGO 160387, but for systems where full isolation is required e.g. marine electrical systems and vehicles for petroche. Instruction included.



Voltage/in: 24
Voltage/out: 13.8
Amp/5 min: 6
Amp/cont.: 3
Amp/ offload: 8
Watt/out: 40

Dim.: 90x87x50 mm

Type: Switch mode/isolated
Alarm/over heating: Yes
Alarm/overvoltage: Yes
Alarm/rev. con.: Yes
Alarm/transients: Yes
Over current: Yes
Approsals: CE

160391 Voltage Converter

The converter is supplied w/ a unique clip mounting bracket. The converter is intended for use w/ the same equipment as HC-CARGO 160388, but for systems where full isolation is required e.g. marine electrical systems and vehicles for petroche. Instruction included.



Voltage/in: 24
Voltage/out: 13.8
Amp/5 min: 10
Amp/cont.: 6
Amp/ offload: 8
Watt/out: 75

Dim.: 128x87x50 mm

Type: Switch mode/isolated
Alarm/over heating: Yes
Alarm/overvoltage: Yes
Alarm/rev. con.: Yes
Alarm/transients: Yes
Over current: Yes
Approsals: CE

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160392 Voltage Converter

The converter is supplied w/ a unique clip mounting bracket. The converter is intended for use w/ the same equipment as HC-CARGO 160306, but for systems where full isolation is required e.g. marine electrical systems and vehicles for petroche. Instruction included.



Voltage/in: 24
Voltage/out: 13.8
Amp/5 min: 18
Amp/cont.: 12
Amp/ offload: 8
Watt/out: 144

Dim.: 168x87x50 mm

Type: Switch mode/isolated
Alarm/over heating: Yes
Alarm/overvoltage: Yes
Alarm/rev. con.: Yes
Alarm/transients: Yes
Over current: Yes
Approvals: CE

160640 Converter



Voltage/in: 24
Voltage/out: 12
Amp/5 min: 60
Amp/cont.: 50
Amp/ offload: <50
Watt/out: 600

Dim.: 300x100x80 mm

Type: Switch mode/isolated
Over current: Yes
Approvals: CE

MULTI POWER

160579 Voltage Converter



Voltage/in: 36-90
Voltage/out: 12
Amp/cont.: 6
Watt/out: 75

Dim.: 134x94x18 mm

Protection degree: IP 68

160580 Voltage Converter



Voltage/in: 36-90
Voltage/out: 12
Amp/cont.: 15

Dim.: 134x94x48 mm

Protection degree: IP 68

RELAY BOXES

160167 Relay Box

Servicing: For 12 V trailer pulled by a 24 V vehicle

Switches the voltage from 24 V to 12 V by 5 relays. Run at 24 V and leading 12 V from one of the batteries or converter to the lamps of the trailer. For continous use it has to be connected via a converter. For internal mounting.



Voltage: 12/24
Amp: 10
Watt: 250

Dim.: 100x100x58 mm

No./poles: 7
Relay switch: Yes

160797 Relay Box

To reduce voltage drop, if you use vehicles w/ trailer. Fitted w/ 5x12 V relays the 12 V function will not be affected.



Voltage: 12-12
Amp: 5x8
Watt: 5x250

Dim.: 100x100x58 mm

No./poles: 7
Relay switch: Yes

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

VOLTAGE INVERTERS

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160543 Voltage Inverter			
	**Voltage/in:** 10-15 **Voltage/out:** 230 **Alarm/Voltage:** 10.5±0.5 **Shut down/Voltage:** 10±0.5 **Amp/max/cont.:** <35 **Amp/standby:** <0.3 **Watt/cont.:** 300 **Watt/max.:** 1000	**Dim.:** 190x91x58 mm **Weight:** 1.1 kg **Regulation:** ±10 **Eficiency:** Over 90 %	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
160545 Voltage Inverter			
	**Voltage/in:** 10-15 **Voltage/out:** 230 **Alarm/Voltage:** 10.5±0.5 **Shut down/Voltage:** 10±0.5 **Amp/standby:** <0.3 **Watt/cont.:** 600 **Watt/max.:** 1500	**Dim.:** 242x91x58 mm **Weight:** 1.7 kg **Regulation:** ±10	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
160660 Voltage Inverter			
	**Voltage/in:** 10-15 **Voltage/out:** 230 **Alarm/Voltage:** 10.5±0.5 **Shut down/Voltage:** 10±0.5 **Amp/standby:** <0.8 **Watt/cont.:** 1000 **Watt/max.:** 2500	**Dim.:** 310x205x75 mm **Weight:** 5 kg **Regulation:** ±10	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
161705 Voltage Inverter			
	**Voltage/in:** 10-15 **Voltage/out:** 230 **Alarm/Voltage:** 10.5±0.5 **Shut down/Voltage:** 10±0.5 **Amp/standby:** 1 **Watt/cont.:** 1500 **Watt/max.:** 3500	**Dim.:** 395x240x90 mm **Weight:** 5.5 kg	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
160541 Voltage Inverter			
	**Voltage/in:** 12 **Voltage/out:** 230 **Alarm/Voltage:** 10.5±0.5 **Shut down/Voltage:** 10±0.5 **Amp/max/cont.:** <20 **Amp/standby:** <0.3 **Watt/cont.:** 150 **Watt/max.:** 450	**Dim.:** 165x91x58 mm **Weight:** 0.850 kg **Regulation:** ±10 **Eficiency:** Over 90 %	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
161704 Voltage Inverter			
	**Voltage/in:** 12 **Voltage/out:** 230 **Alarm/Voltage:** 10.5±0.5 **Shut down/Voltage:** 10±0.5 **Amp/standby:** <1.35 **Watt/cont.:** 600 **Watt/max.:** 1500	**Dim.:** 242x91x58 mm **Weight:** 1.7 kg **Regulation:** ±10	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
161707 Voltage Inverter			
	**Voltage/in:** 12 **Voltage/out:** 230 **Alarm/Voltage:** 10.5±0.5 **Shut down/Voltage:** 10±0.5 **Amp/standby:** <0.3 **Watt/cont.:** 1000 **Watt/max.:** 2500	**Dim.:** 310x205x75 mm **Weight:** 5 kg **Regulation:** ±10	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160569 Voltage Inverter			
	**Voltage/in:** 12 **Voltage/out:** 230 **Alarm/Voltage:** 10.5±0.5 **Shut down/Voltage:** 10±0.5 **Amp/standby:** <2 **Watt/cont.:** 1500 **Watt/max.:** 3500	**Dim.:** 395x240x90 mm **Weight:** 5.5 kg	**Type:** Modified sine **Cooling fan:** Yes **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
161706 Voltage Inverter			
	**Voltage/in:** 20-30 **Voltage/out:** 230 **Alarm/Voltage:** 21±1 **Shut down/Voltage:** 20±1 **Amp/standby:** <1 **Watt/cont.:** 1500 **Watt/max.:** 3500	**Dim.:** 395x240x90 mm **Weight:** 5.5 kg	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
160542 Voltage Inverter			
	**Voltage/in:** 24 **Voltage/out:** 230 **Alarm/Voltage:** 21±1 **Shut down/Voltage:** 20±1 **Amp/max/cont.:** <10 **Amp/standby:** <0.3 **Watt/cont.:** 150 **Watt/max.:** 450	**Dim.:** 165x91x58 mm **Weight:** 0.850 kg **Regulation:** ±10 **Eficiency:** Over 90 %	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
160544 Voltage Inverter			
	**Voltage/in:** 24 **Voltage/out:** 230 **Alarm/Voltage:** 21±1 **Shut down/Voltage:** 20±1 **Amp/max/cont.:** <20 **Amp/standby:** <0.3 **Watt/cont.:** 300 **Watt/max.:** 1000	**Dim.:** 190x91x58 mm **Weight:** 1.1 kg **Regulation:** ±10	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
160546 Voltage Inverter			
	**Voltage/in:** 24 **Voltage/out:** 230 **Alarm/Voltage:** 21±1 **Shut down/Voltage:** 20±1 **Amp/standby:** <0.3 **Watt/cont.:** 600 **Watt/max.:** 1500	**Dim.:** 242x91x58 mm **Weight:** 1.7 kg **Regulation:** ±10	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
160676 Voltage Inverter			
	**Voltage/in:** 24 **Voltage/out:** 230 **Alarm/Voltage:** 21±1 **Shut down/Voltage:** 20±1 **Amp/standby:** <0.8 **Watt/cont.:** 1000 **Watt/max.:** 2500	**Dim.:** 310x205x75 mm **Weight:** 5 kg **Regulation:** ±10	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
161710 Voltage Inverter			
	**Voltage/in:** 24 **Voltage/out:** 230 **Alarm/Voltage:** 21±1 **Shut down/Voltage:** 20±1 **Amp/standby:** <0.8 **Watt/cont.:** 1000 **Watt/max.:** 2500	**Dim.:** 310x205x75 mm **Weight:** 5 kg **Regulation:** ±10	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160581 Voltage Inverter			
	**Voltage/in:** 24 **Voltage/out:** 230 **Alarm/Voltage:** 21±1 **Shut down/Voltage:** 20±1 **Amp/standby:** <1 **Watt/cont.:** 1500 **Watt/max.:** 3500	**Dim.:** 395x240x90 mm **Weight:** 5.5 kg	**Type:** Modified sine **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE
160991 Voltage Inverter AC-DC	**Servicing:** HC-CARGO 804114		
	**Voltage/in:** 230 **Voltage/out:** 12V DC **Amp/max/cont.:** 25	**Dim.:** 226.5x115x49.7 mm	**Type:** AC-DC **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes **Approvals:** CE

VOLTAGE REDUCER

160627 Voltage Reducer

Set w/ 2 resistors. Reduces the voltage w/ 0.75 V. Secures the lifetime of the headlight bulbs in cars w/ high voltage. 12/24 V.



LOAD RESISTORS

160970 Load Resistor 12 V

Contains: 2 pcs.



Voltage: 12
Amp: 2
Watt: 50
Ohm: 6

Length: 50 mm
Width: 15 mm

160971 Load Resistor 24 V

Contains: 2 pcs.



Voltage: 24
Amp: 1
Watt: 50
Ohm: 24

Length: 50 mm
Width: 15 mm

CHARGERS

160874 Charger



Voltage: 23/24
Amp: 12

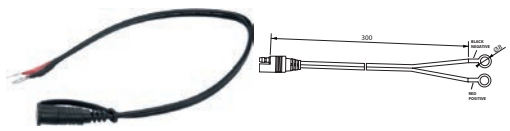
Weight: 1.660 kg
Working temp.:
-30°C-+55°C °C

Warning lamp: w/
Auto stop: Yes
Protection degree: IP 67
Approvals: CE

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160875 Charger			
	**Voltage:** 230/12 **Amp:** 17	**Weight:** 1.660 kg **Working temp.:** -30°C-+55°C °C	**Warning lamp:** w/ **Auto stop:** Yes **Protection degree:** IP 67 **Approvals:** CE
160968 Charger			
Charger cable: HC-CARGO 160990.			
	**Voltage:** 230/12 **Amp:** 3 **Hertz:** 50	**Weight:** 0.85 kg **Working temp.:** -20°C-+50°C °C	**Warning lamp:** w/ **Protection degree:** IP 65 **Approvals:** CE
161026 Charger			
Charger cable: HC-CARGO 160990.			
	**Voltage:** 230/12 **Amp:** 5 **Hertz:** 50	**Dim.:** 170x73x48 mm **Working temp.:** -20°C-+50°C °C	**Warning lamp:** w/ **Protection degree:** IP 65 **Approvals:** CE
161701* UK Charger			
Charger cable: HC-CARGO 160990.			
NEW PRODUCT www.hc-cargo.com	**Voltage:** 230/12 **Amp:** 5 **Hertz:** 50	**Working temp.:** -20°C±50°C °C	**Warning lamp:** w/ **Protection degree:** IP 65 **Approvals:** CE

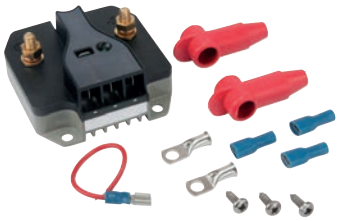
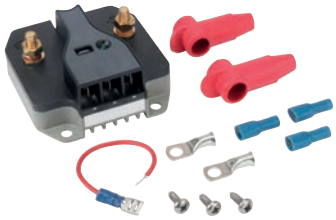
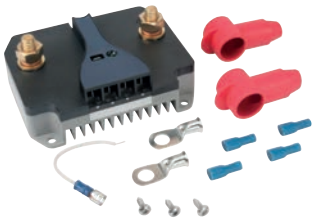
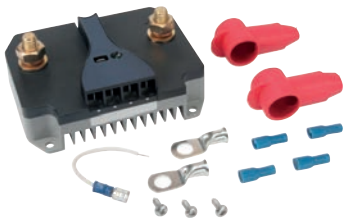
ACCESSORIES

160990 Charger cable	**Servicing:** HC-CARGO 161026		
	**Voltage:** 300	**Rolls size:** 0.3 m **Temp. area:** 60 °C	**Lead type:** Dual **Cap colour:** Black **Cap material:** PVC

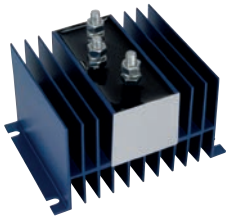
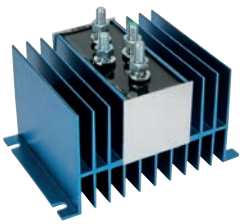
POWER GUARD

161014 Power Guard			
	**Voltage/in:** 9-32 **Alarm/Voltage:** Yes **Shut down/Voltage:** Yes **Shut down/12 V:** 11.5 V **Shut down/24 V:** 23 V **Amp/max/cont.:** 10	**Dim.:** 155x30x15 mm **Weight:** 0.045 kg **Regulation:** Yes	**Connection:** Connection **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes

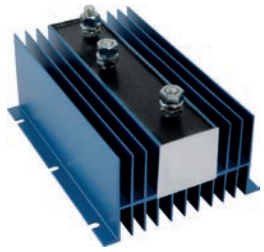
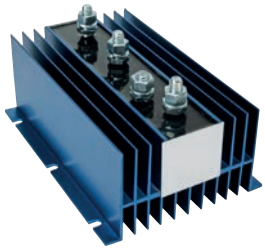
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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
161015 Power Guard			
	**Voltage/in:** 9-32 **Alarm/Voltage:** Yes **Shut down/Voltage:** Yes **Shut down/12 V:** 11.5 V **Shut down/24 V:** 23 V **Amp/max/cont.:** 20	**Dim.:** 155x30x15 mm **Weight:** 0.045 kg **Regulation:** Yes	**Connection:** Connection **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes
161016 Power Guard			
	**Voltage/in:** 9-32 **Alarm/Voltage:** Yes **Shut down/Voltage:** Yes **Shut down/12 V:** 11.5 V **Shut down/24 V:** 23 V **Amp/max/cont.:** 40	**Dim.:** 76x78x33 mm **Weight:** 0.155 kg **Regulation:** Yes	**Connection:** M6 **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes
161017 Power Guard			
	**Voltage/in:** 9-32 **Alarm/Voltage:** Yes **Shut down/Voltage:** Yes **Shut down/12 V:** 11.5 V **Shut down/24 V:** 23 V **Amp/max/cont.:** 60	**Dim.:** 76x78x33 mm **Weight:** 0.155 kg **Regulation:** Yes	**Connection:** M6 **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes
161018 Power Guard			
	**Voltage/in:** 9-32 **Alarm/Voltage:** Yes **Shut down/Voltage:** Yes **Shut down/12 V:** 11.5 V **Shut down/24 V:** 23 V **Amp/max/cont.:** 100	**Dim.:** 124x97x51 mm **Weight:** 0.530 kg **Regulation:** Yes	**Connection:** M10 **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes
161019 Power Guard			
	**Voltage/in:** 9-32 **Alarm/Voltage:** Yes **Shut down/Voltage:** Yes **Shut down/12 V:** 11.5 V **Shut down/24 V:** 23 V **Amp/max/cont.:** 200	**Dim.:** 124x97x51 mm **Weight:** 0.530 kg **Regulation:** Yes	**Connection:** M10 **Over heating:** Yes **Overloading:** Yes **Short circuit:** Yes

BATTERY ISOLATORS

160342 Battery Isolator	**Servicing:** Boats, autocampers, industrial vehicles		
Eliminates the multi battery drain when 2 or more batteries are in a charging system.			
	**Voltage:** 6-36 **Current/max Amp:** 70	**Dim.:** 85x115x95 mm	**No./batteries:** 2 **Comp. diode:** No
160343 Battery Isolator	**Servicing:** Boats, autocampers, industrial vehicles		
Eliminates the multi battery drain when 2 or more batteries are in a charging system. w/ compensationsdiode which allows a higher charging current.			
	**Voltage:** 6-36 **Current/max Amp:** 70	**Dim.:** 85x115x95 mm	**No./batteries:** 2 **Comp. diode:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160398 Battery Isolator	**Servicing:** Boats, autocampers, industrial vehicles		
Eliminates the multi battery drain when 2 or more batteries are in a charging system.			
	**Voltage:** 6-36 **Current/max Amp:** 120	**Dim.:** 170x115x95 mm	**No./batteries:** 2 **Comp. diode:** No
160399 Battery Isolator	**Servicing:** Boats, autocampers, industrial vehicles		
Eliminates the multi battery drain when 2 or more batteries are in a charging system. w/ compensationsdiode which allows a higher charging current.			
	**Voltage:** 6-36 **Current/max Amp:** 120	**Dim.:** 170x115x95 mm	**No./batteries:** 2 **Comp. diode:** Yes
160740 Battery Isolator 12V	**Servicing:** Boats, autocampers, industrial vehicles		
Microprocessor controlled relay. Allows charging on the auxiliary battery at 13.4 V charging voltage.			
	**Voltage:** 12 **Current/max Amp:** 180	**Dim.:** 120x80x55 mm	**No./batteries:** 2 **Comp. diode:** No
160742 Split Charge Relay	**Servicing:** Boats, autocampers, industrial vehicles		
Microprocessor controlled relay. Allows charging on the auxiliary battery at 27 V charging voltage.			
	**Voltage:** 24 **Current/max Amp:** 100	**Dim.:** 120x80x70 mm	**No./batteries:** 2 **Comp. diode:** No
160876 Split Charge Relay			
13.4 V-12.6 V.			
	**Voltage:** 12 **Current/max Amp:** 70	**Dim.:** 60x34x70 mm	**No./batteries:** 2 **Comp. diode:** No
160877 Split Charge Relay			
	**Voltage:** 24 **Current/max Amp:** 50	**Dim.:** 60x34x70 mm	**No./batteries:** 2 **Comp. diode:** No

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SWITCHES

BATTERY SWITCHES

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

180028 Battery Main Switch

Spare key: HC-CARGO 180143, 180619, 181270. Pole: dia. 10 mm.



Voltage: 24
Amp/5 sec.: 500
Amp/cont.: 100

Dist. mount. holes:
38 mm

Type: Battery
Material: Plastic
No./mounting holes: 2
Key: w/
Protection degree: IP 65

180087 Battery Main Switch

Spare key: HC-CARGO 180202.



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
100 mm

Type: Battery
Material: Metal
No./mounting holes: 2
Key: w/
Protection degree: IP 66

180203 Battery Main Switch

Spare key: HC-CARGO 180029, 180619.



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
100 mm

Type: Battery
Material: Plastic
No./mounting holes: 2
No./poles: 2
Key: w/
Protection degree: IP 66

180211 Battery Main Switch

Spare key: HC-CARGO 180288 or 180333. Rubber boot: HC-CARGO 180375.



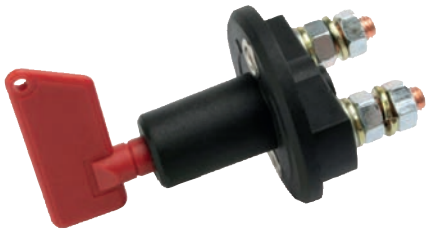
Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
100 mm

Type: Battery
Material: Metal
No./mounting holes: 2
Key: w/
Protection degree: IP 65

180216 Battery Main Switch

Spare key: HC-CARGO 180143, 180619, 181270. Rubber protection cap: HC-CARGO 180374.



Voltage: 24
Amp/5 sec.: 500
Amp/cont.: 100

Dist. mount. holes:
39.5 mm

Type: Battery
Material: Plastic
No./mounting holes: 2
No./poles: M8
Key: w/
Protection degree: IP 40

180229 Battery Main Switch

Spare key: HC-CARGO 180029, 180619, 181270. On/Off under load.



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
100 mm

Type: Battery
Material: Plastic
No./mounting holes: 2
Key: w/
Protection degree: IP 66

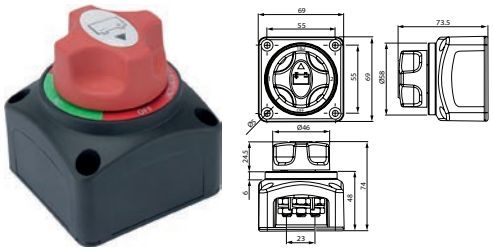
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180289 Battery Main Switch			
Rubber boot: HC-CARGO 180375.			
	**Voltage:** 24 **Amp/5 sec.:** 2500 **Amp/cont.:** 250	**Dist. mount. holes:** M30 mm	**Type:** Battery **Material:** Metal **No./mounting holes:** 2 **Key:** w/ **Protection degree:** IP 65
180313 Battery Main Switch			
Spare key: HC-CARGO 180143, 181270. Rubber protection cap: HC-CARGO 180374.			
	**Voltage:** 24 **Amp/5 sec.:** 500 **Amp/cont.:** 100	**Dist. mount. holes:** 45 mm	**Type:** Battery **No./mounting holes:** 2 **Key:** w/o **Protection degree:** IP 40
180326 Battery Main Switch			
Rubber boot: HC-CARGO 180375. w/ rotation/press handle.			
	**Voltage:** 24 **Amp/5 sec.:** 2500 **Amp/cont.:** 250	**Dist. mount. holes:** 100 mm	**Type:** Battery **No./mounting holes:** 2 **Protection degree:** IP 65
180596 Battery Main Switch			
Spare key: HC-CARGO 180029, 180619.			
	**Voltage:** 24 **Amp/5 sec.:** 500 **Amp/cont.:** 100	**Dist. mount. holes:** 38 mm	**Type:** Battery **Material:** Plastic **No./mounting holes:** 2 **Key:** w/ **Resistor:** 3 Ohm, 11 W **Sec. circuit:** w/ **Protection degree:** IP 43
180614 Battery Main Switch			
Spare key: HC-CARGO 181578.			
	**Voltage:** 24 **Amp/5 sec.:** 1000 **Amp/cont.:** 75	**Dist. mount. holes:** 38 mm	**Type:** Battery **Material:** Metal **No./mounting holes:** 2 **Key:** w/ **Protection degree:** IP 41
181475 Battery Main Switch			
Spare key: HC-CARGO 180288, w/o chain and rubber cap. Rubber boot: HC-CARGO 180375.			
	**Voltage:** 24 **Amp/5 sec.:** 2500 **Amp/cont.:** 250	**Dist. mount. holes:** 100 mm	**Material:** Metal **No./mounting holes:** 2 **Key:** w/ **Protection degree:** IP 65
181613 Battery Main Switch			
	**Voltage:** 12-50 **Amp/5 sec.:** 1000 **Amp/cont.:** 200	**Dist. mount. holes:** 104 mm	**Type:** Battery **Material:** PBT **No./mounting holes:** 3 **No./poles:** 3 **Key:** w/o **Protection degree:** IP 54 **Approval:** CE

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

181614 Battery Main Switch



Voltage: 12-50
Amp/5 sec.: 1000
Amp/cont.: 200

Dist. mount. holes:
55 mm

Type: Battery
Material: PBT
No./mounting holes: 4
No./poles: 2
Key: w/
Protection degree: IP 54
Approval: CE

WATERPROOF

180271 Battery Main Switch

Rubber boot: HC-CARGO 180375. Working temp. -30°C/+65°C.



Voltage: 12/24
Amp/5 sec.: 1000
Amp/cont.: 300

Dist. mount. holes:
45 mm

Type: Battery
Material: Plastic
Explosion proof 1: Yes
No./mounting holes: 2
No./poles: M10
Key: w/
Waterproof: Yes
Protection degree: IP 65
Approval: SAE J1171

180272 Battery Main Switch

Servicing: Marine

Spare key: HC-CARGO 180333. Rubber boot: HC-CARGO 180375.



Voltage: 24
Amp/5 sec.: 1000
Amp/cont.: 150

Dist. mount. holes:
45 mm

Type: Battery
Material: Metal
Explosion proof 1: Yes
No./mounting holes: 2
Key: w/
Waterproof: Yes
Protection degree: IP 68

180274 Battery Main Switch

Rubber boot: HC-CARGO 180375 . For alternator w/ separate regulator.



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
65 mm

Type: Battery
Material: Metal
Explosion proof 1: Yes
No./mounting holes: 2
Key: w/
Waterproof: Yes
Protection degree: IP 67

180275 Battery Main Switch

Rubber boot: HC-CARGO 180375. For alternator w/ intergral regulator. w/ D+ contact.



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
65 mm

Type: Battery
Material: Metal
Explosion proof 1: Yes
No./mounting holes: 2
Key: w/
Waterproof: Yes
Protection degree: IP 67

180276 Battery Main Switch

Rubber boot: HC-CARGO 180375. For alternator w/ intergral regulator. w/ D+ contact.



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
110 mm

Type: Battery
Material: Metal
Explosion proof 1: Yes
Explosion proof 2: Yes
No./mounting holes: 2
No./poles: 2
Key: w/
Waterproof: Yes
Protection degree: IP 67
Approval: ADR

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

180277 Battery Main Switch

Rubber boot: HC-CARGO 180375 . For alternator w/ separate regulator.



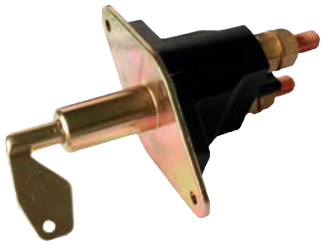
Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes: 110 mm

Type: Battery
Material: Metal
Explosion proof 1: Yes
Explosion proof 2: Yes
No./mounting holes: 2
No./poles: 2
Key: w/
Waterproof: Yes
Protection degree: IP 67

180278 Battery Main Switch

Spare key: HC-CARGO 181477. Rubber boot: HC-CARGO 180375.



Voltage: 24
Amp/5 sec.: 3000
Amp/cont.: 300

Dist. mount. holes: 100 mm

Type: Battery
Material: Metal
Explosion proof 1: Yes
No./mounting holes: 2
Key: w/
Waterproof: Yes
Protection degree: IP 68

180338 Battery Main Switch

For alternator w/ separate regulator. w/ secondary circuit 24 V. Rubber boot: HC-CARGO 180375.



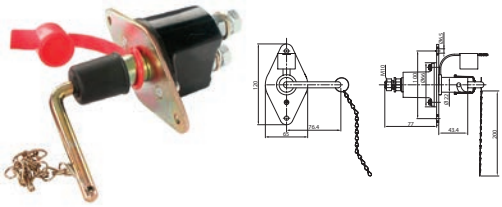
Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 20

Dist. mount. holes: 65 mm

Type: Battery
Material: Plastic
Explosion proof 1: Yes
No./mounting holes: 2
Key: w/
Sec. circuit: w/
Waterproof: Yes
Protection degree: IP 67

181238 Battery Main Switch

Spare key: HC-CARGO 180333. Rubber boot: HC-CARGO 180375.



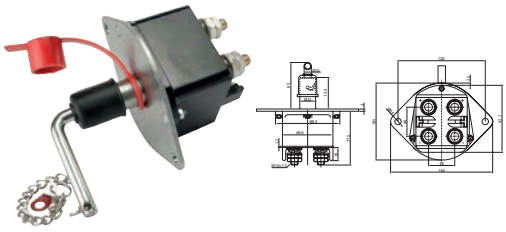
Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes: 100 mm

Type: Battery
Material: Metal
No./mounting holes: 2
Key: w/
Waterproof: Yes
Protection degree: IP 66

181599 Battery Main Switch

Rubber boot: HC-CARGO 180375.



Voltage: 12-24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes: 120 mm

Type: Battery
Material: Metal
No./mounting holes: 2
No./poles: 4
Key: w/
Waterproof: Yes
Protection degree: IP 66

REMOTE CONTROL

180280 Pneumatic Remote Control

Servicing: HC-CARGO 180279, 180291



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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

RUBBER BOOTS

180374 Terminal Boot — **Servicing:** HC-CARGO 180216, 180313



Material: Rubber

180375 Terminal Boot set — **Servicing:** HC-CARGO 180211, 180271, 180272, 180274, 180275, 180276, 180277, 180278, 180289, 180326, 180338, 180238

Supplied in kit of 2 pcs.



Material: Rubber

SPARE KEYS

180029 Key — **Servicing:** HC-CARGO 180028, 180203, 180216, 180229, 180313, 180596



Shaft length: 11 mm

No./pins: 2

180143 Key — **Servicing:** HC-CARGO 180028, 180216, 180313



Shaft length: 9 mm

180202 Key — **Servicing:** HC-CARGO 180087



180273 Key — **Servicing:** HC-CARGO 180272



180288 Key — **Servicing:** HC-CARGO 180211, 180288



No./pins: 2

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180333 Key	**Servicing:** HC-CARGO 180211, 181238		
			**No./pins:** 1
180619 Key	**Servicing:** HC-CARGO 180028, 180203, 180216, 180229, 180596		
		**Shaft length:** 11 mm	**No./pins:** 1
181270 Key	**Servicing:** HC-CARGO 180028, 180216, 180229, 180313		
		**Shaft length:** 11 mm	**No./pins:** 1
181477 Key	**Servicing:** HC-CARGO 180278		
			
181578 Key	**Servicing:** HC-CARGO 180614		
For battery main switch.			
			
181603 Key	**Servicing:** HC-CARGO 181599		
For battery main switch.			
			

ELECTROMAGNETIC

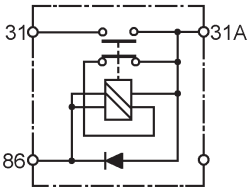
180232 Battery Switch	**Servicing:** Industrial vehicles, buses, tractors, lift trucks and boats		
	**Voltage:** 12 **Amp/5 sec.:** 2500 **Amp/cont.:** 250		**Type:** Electromagnetic **Switch:** Negative

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

180233 Battery Switch





Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Type: Electromagnetic
Switch: Negative

180290 Battery Switch Relay

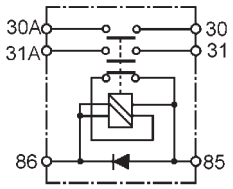
For serial and parallel connction of two 12 V batteries in 12 V systems w/ 24 V starter.



Voltage: 12/24
Amp/5 sec.: 1500 (1 sec)
Amp/cont.: 75

180556 Battery Switch



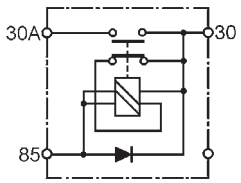


Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Type: Electromagnetic
Switch: Positive/Negative

180602 Battery Switch



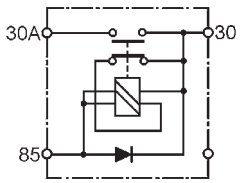


Voltage: 12
Amp/5 sec.: 2500
Amp/cont.: 250

Type: Electromagnetic
Switch: Positive

180603 Battery Switch





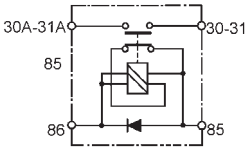
Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 200

Type: Electromagnetic
Switch: Positive

180604 Battery Switch

w/ seperate power supply.





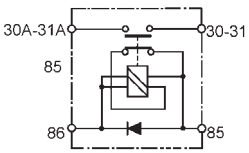
Voltage: 12
Amp/5 sec.: 2500
Amp/cont.: 250

Type: Electromagnetic
Switch: Positive/Negative

180605 Battery Switch

w/ seperate power supply.





Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 200

Type: Electromagnetic
Switch: Positive/Negative

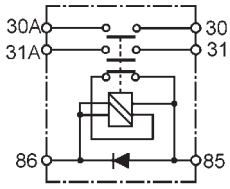
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

181476 Battery Switch

Plug: HC-CARGO 181545.



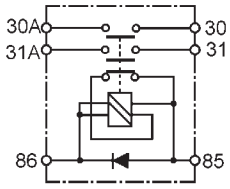


Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Type: Electromagnetic
Explosion proof 1: Yes
Explosion proof 2: Yes
Switch: Positive/Negative
No./mounting holes: 4
No./poles: 4
Approval: Ex

181562 Battery Switch





Voltage: 12
Amp/5 sec.: 2500
Amp/cont.: 250

Switch: Positive/Negative
Comp. diode: Yes

IGNITION/LIGHT

180045 Ignition/Light Switch

Spare key: HC-CARGO 180341.



Mount. hole size:
26.5 mm

Switch combination: Parkinglight-off-ignition-sidelight-DRL
No./keys: 2
Terminals: 6

180324 Ignition/Light Switch

Spare key: HC-CARGO 180341.



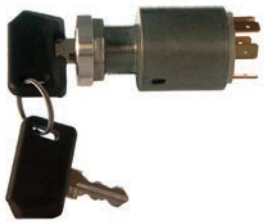
Mount. hole size:
26.5 mm

Switch combination: Parkinglight-off-ignition-sidelight-DRL
No./keys: 2
Terminals: 7

IGNITION STARTER

180027 Ignition Starter Switch

Spare key: HC-CARGO 180339. Multiplug: HC-CARGO 181597.



Mount. hole size:
18.5 mm

Switch combination: Off-ignition-start
No./keys: 2
Terminals: 5

180041 Ignition Starter Switch

Spare key: HC-CARGO 180340.



Mount. hole size:
26.5 mm

Switch combination: Parking light-off-start
No./keys: 2
Terminals: 7
Protection degree: IP 63
DIN norm: 40050

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

180043 Ignition Starter Switch

Spare key: HC-CARGO 180339.



Mount. hole size: 18.5 mm

Switch combination: Off-aux-ignition-start
No./keys: 2
Terminals: 4

181518 Ignition Starter Switch

Spare key: HC-CARGO 180339.



Mount. hole size: 22.5 mm

Switch combination: Off-ignition-start
No./keys: 2
Terminals: 5
Positions: 1 (start)

DIESEL STARTER

180044 Ignition Switch — **Servicing:** Deutz, IH

Supplied w/ 2 keys. Spare key: HC-CARGO 180340. Multiplug: HC-CARGO 181595, 181596.



Mount. hole size: 26.5 mm

Switch combination: Parking light-off-ignition-glow-start
Terminals: 10
Positions: 5
Protection degree: IP 63
DIN norm: 40050

181235 Ignition Switch — **Servicing:** Massey Ferguson

Spare key: HC-CARGO 181465.



Mount. hole size: 16 mm

Switch combination: Off-ignition-glow-start
No./keys: 2
Terminals: 6
Positions: 4

181236 Ignition Switch — **Servicing:** Massey Ferguson

Spare key: HC-CARGO 181465.



Mount. hole size: 16 mm

Switch combination: Start-Off-Glow-Start
No./keys: 2
Terminals: 4
Positions: 4

181237 Ignition Switch — **Servicing:** Massey Ferguson

Spare key: HC-CARGO 181465.



Mount. hole size: 16 mm

Switch combination: Off-aux-ignition-glow-start
No./keys: 2
Terminals: 7
Positions: 5

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

RUBBER BOOTS

181598 Rubber Boot — **Servicing:** HC-CARGO 180044



SPARE PARTS

180339 Spare Key — **Servicing:** HC-CARGO 180025, 180027, 180043, 181518



180340 Spare Key — **Servicing:** HC-CARGO 180041, 180044



180341 Spare Key — **Servicing:** HC-CARGO 180045, 180324



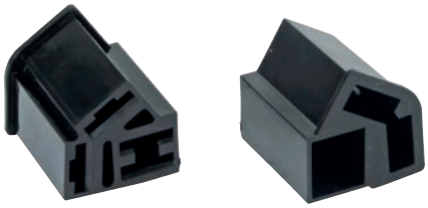
181465 Spare Key — **Servicing:** HC-CARGO 181235, 181236, 181237



Material: Metal

181595 Central Plug Connector — **Servicing:** HC-CARGO 180044

DIN 46340. Used w/ HC-CARGO 181596.



Type: Socket
Type/terminal: 9.5x1.2
Colour: Black
No./poles: 4
Plug: Female

181596 Central Plug Connector — **Servicing:** HC-CARGO 180044

DIN 46340. Used w/ HC-CARGO 181595.



Type: Socket
Type/terminal: 6.3x0.8
Colour: Black
No./poles: 6
Plug: Female

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

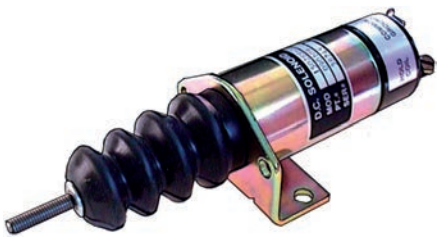
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
181597 Central Plug Connector	**Servicing:** HC-CARGO 180027		
			**Type:** Socket **Colour:** Black **No./poles:** 6 **Plug:** Female

SOLENOID SHUTDOWN

EXTERNALLY SWITCHED

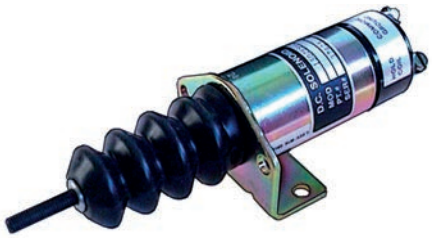
090109 Shutdown Solenoid

This solenoid can´t switch off by itself, it will have to be controlled externally.

	**Voltage:** 12 **Amp/hold:** 0.7 **Amp/pull:** 30	**Thread size:** 6 **Thread type:** mm **Pull rating:** 40N at 25.40 mm **Return spring:** 9N **Hold rating:** 89N	**Plunger:** External **Elect. connection:** Plug **Function:** Pull **Mount. type:** Flange/bracket **Switch:** External

090110 Shutdown Solenoid

This solenoid can´t switch off by itself, it will have to be controlled externally.

	**Voltage:** 24 **Amp/hold:** 0.25 **Amp/pull:** 17	**Thread size:** 6 **Thread type:** mm **Pull rating:** 40N at 25.40 mm **Return spring:** 9N **Hold rating:** 89N	**Plunger:** External **Elect. connection:** Plug **Function:** Pull **Mount. type:** Flange/bracket **Switch:** External

090111 Shutdown Solenoid

This solenoid can´t switch off by itself, it will have to be controlled externally.

	**Voltage:** 12 **Amp/hold:** 0.6 **Amp/pull:** 44	**Thread size:** 1/4" **Thread type:** Inches **Pull rating:** 75N at 25.40 mm **Return spring:** 35N **Hold rating:** 178N	**Plunger:** External **Elect. connection:** Plug **Function:** Pull **Mount. type:** Flange/bracket **Switch:** External

090113 Shutdown Solenoid

This solenoid can´t switch off by itself, it will have to be controlled externally.

	**Voltage:** 24 **Amp/hold:** 0.3 **Amp/pull:** 23	**Thread size:** 6 **Thread type:** mm **Pull rating:** 75N at 25.40 mm **Return spring:** 35N **Hold rating:** 178N	**Plunger:** External **Elect. connection:** Plug **Function:** Pull **Mount. type:** Flange/bracket **Switch:** External

090199 Shutdown Solenoid

This solenoid can´t switch off by itself, it will have to be controlled externally.

	**Voltage:** 12 **Amp/hold:** 1.1 **Amp/pull:** 46	**Thread size:** 6 **Thread type:** mm **Pull rating:** 89N at 25.40 mm **Return spring:** 17N **Hold rating:** 178N	**Plunger:** External **Elect. connection:** Cable **Function:** Pull/Push **Mount. type:** Flat w/ 2 fixing holes **Switch:** External

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

090200 Shutdown Solenoid

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 24
Amp/hold: 4
Amp/pull: 18

Thread size: 6
Thread type: mm
Pull rating: 67N at 25.40 mm
Return spring: 17N
Hold rating: 178N

Plunger: External
Elect. connection: Cable
Function: Pull/Push
Switch: External

090206 Shutdown Solenoid

Servicing: Yanmar Diesel

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 0.49
Amp/pull: 36.5

Thread size: 0.158
Thread type: Inches

Plunger: Internal
Switch: External

090216 Shutdown Solenoid

Servicing: Kubota

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 0.7
Amp/pull: 30

Pull rating: 44N at 25.40 mm
Return spring: 17N
Hold rating: 85N

Plunger: External
Elect. connection: Multiplug
Mount. type: Flange
Switch: External

090225 Shutdown Solenoid

Servicing: Perkins

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 0.49
Amp/pull: 36.5

Thread size: 0.25
Thread type: Inches

Plunger: Internal
Switch: External

090226 Shutdown Solenoid

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 24
Voltage 2: 24
Amp/hold: 0.5
Amp/pull: 25

Thread size: 6
Thread type: mm
Pull rating: 111N at 25.40 mm
Return spring: 7N
Hold rating: 182N

Plunger: External
Elect. connection: Multiplug
Function: Pull
Switch: External

090228 Shutdown Solenoid

Servicing: Yanmar Motors

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 0.49
Amp/pull: 36.5

Thread size: 0.158
Thread type: Inches

Plunger: Internal
Switch: External

090267 Shutdown Solenoid

Servicing: Volvo wheel loader

Syncro start/Woodward.



Voltage: 24
Amp/hold: 0.86
Amp/pull: 39

Pull rating: 129N at 25.4 mm
Hold rating: 182N

Plunger: Cable
Elect. connection: Multiplug
Function: Pull
Switch: External

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

090348 Shutdown Solenoid

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 1.1
Amp/pull: 46

Thread size: 6
Thread type: mm
Pull rating: 111N at 25.40 mm
Return spring: 4-8N
Hold rating: 182N

Plunger: External
Elect. connection: Cable
Function: Pull
Mount. type: Flat w/ 2 fixing holes
Switch: External

090370 Shutdown Solenoid

Servicing: Kubota D722, Z482

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 1.1
Amp/pull: 46

Thread size: 1/4 - 28 UNF-2A
Pull rating: 111N
Hold rating: 182N

Plunger: External
Elect. connection: Cable
Mount. type: Flat w/ 2 fixing holes
Switch: External

090371 Shutdown Solenoid

Servicing: Kubota D722, Z482

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 24
Amp/hold: 0.5
Amp/pull: 25

Thread size: 1/4 - 28 UNF-2A
Pull rating: 111N
Hold rating: 182N

Plunger: External
Elect. connection: Cable
Switch: External

090373 Shutdown Solenoid

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 0.972
Amp/pull: 365

Thread size: 0.154
Thread type: Inches

Plunger: External
Switch: External

090431 Shutdown Solenoid

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 24
Voltage 2: 24
Amp/hold: 0.57
Amp/pull: 30

Thread size: 5/16"
Thread type: Inches
Pull rating: 165N
Return spring: 80-115N
Hold rating: 391N

Plunger: External
Function: Pull
Mount. type: Flange/bracket
Switch: External
Insulated return: Yes

090439 Shutdown Solenoid

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 12
Amp/hold: 0.76
Amp/pull: 41.4

Thread size: 6
Thread type: mm
Pull rating: 49N ved 25.40 mm
Hold rating: 89N

Plunger: Internal
Switch: Internal

SPARE PARTS

090218 Plunger



Thread size: M6
Thread type: Ordinary

Plunger: External

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

KITS

090095 Solenoid Shutdown Kit

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 1.1
Amp/pull: 46

Pull rating: 89N at 25.40 mm
Mount. side: Left
Hold rating: 178N

Elect. connection: Cable
Function: Pull
Mount. type: Flange/bracket
Switch: External

090096 Solenoid Shutdown Kit

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 1.1
Amp/pull: 46

Pull rating: 89N at 25.40 mm
Mount. side: Right
Hold rating: 178N

Elect. connection: Cable
Function: Pull
Mount. type: Flange/bracket
Switch: External

090099 Solenoid Shutdown Kit

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 24
Amp/hold: 0.5
Amp/pull: 25

Pull rating: 89N at 25.40 mm
Mount. side: Left
Hold rating: 178N

Elect. connection: Cable
Function: Pull
Mount. type: Flange/bracket
Switch: External

090100 Solenoid Shutdown Kit

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 24
Amp/hold: 0.5
Amp/pull: 25

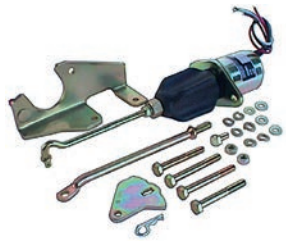
Pull rating: 89N at 25.40 mm
Mount. side: Right
Hold rating: 178N

Elect. connection: Cable
Function: Pull
Mount. type: Flange/bracket
Switch: External

090103 Solenoid Shutdown Kit

Servicing: Nippodenso, Zexel

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 1.1
Amp/pull: 55

Pull rating: 89N at 25.40 mm
Mount. side: Left
Hold rating: 178N

Elect. connection: Cable
Function: Pull
Mount. type: Flange/bracket
Switch: External

090104 Solenoid Shutdown Kit

Servicing: Nippodenso, Zexel

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 1.1
Amp/pull: 55

Pull rating: 89N at 25.40 mm
Mount. side: Right
Hold rating: 178N

Elect. connection: Cable
Function: Pull
Switch: External

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

090105 Solenoid Shutdown Kit — **Servicing:** Nippodenso, Zexel

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 24
Amp/hold: 0.63
Amp/pull: 29

Pull rating: 89N at 25.40 mm
Mount. side: Left
Hold rating: 178N

Elect. connection: Cable
Function: Pull
Switch: External

090106 Solenoid Shutdown Kit — **Servicing:** Nippodenso, Zexel

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 24
Amp/hold: 0.63
Amp/pull: 29

Pull rating: 89N at 25.40 mm
Mount. side: Right
Hold rating: 178N

Elect. connection: Cable
Function: Pull
Switch: External

090107 Solenoid Shutdown Kit

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 12
Amp/hold: 1.1
Amp/pull: 55

Pull rating: 89N at 25.40 mm
Mount. side: Left
Hold rating: 178N

Elect. connection: Multiplug
Switch: External

090108 Solenoid Shutdown Kit

This solenoid can´t switch off by itself, it will have to be controlled externally.



Voltage: 24
Amp/hold: 0.63
Amp/pull: 29

Pull rating: 89N at 25.40 mm
Mount. side: Left
Hold rating: 178N

Elect. connection: Multiplug
Function: Pull
Switch: External

INTERNALLY SWITCHED

090160 Shutdown Solenoid

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 12
Amp/hold: 0.7
Amp/pull: 30

Thread size: 6
Thread type: mm
Pull rating: 40N at 25.40 mm
Return spring: 17N
Hold rating: 89N

Plunger: External
Elect. connection: Plug
Mount. type: Flange/bracket
Switch: Internal

090161 Shutdown Solenoid

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 24
Amp/hold: 0.25
Amp/pull: 17

Thread size: 6
Thread type: mm
Pull rating: 40N at 25.40 mm
Return spring: 17N
Hold rating: 89N

Plunger: Internal
Elect. connection: Plug
Function: Pull
Mount. type: Flange/bracket
Switch: Internal

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

090168 Shutdown Solenoid

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 12
Amp/hold: 0.6
Amp/pull: 44

Thread size: 6
Thread type: mm
Pull rating: 75N at 25.40 mm
Return spring: 35N
Hold rating: 178N

Plunger: External
Elect. connection: Plug
Mount. type: Flange/bracket
Switch: Internal

090169 Shutdown Solenoid

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 24
Amp/hold: 0.3
Amp/pull: 23

Thread size: 6
Thread type: mm
Pull rating: 75N at 25.40 mm
Return spring: 35N
Hold rating: 178N

Plunger: External
Elect. connection: Plug
Function: Pull
Mount. type: Flange/bracket
Switch: Internal
Aux terminal: Yes

090210 Shutdown Solenoid

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 12
Amp/hold: 1.1
Amp/pull: 46

Thread size: 1/4"-28 stud.
Thread type: Inches
Pull rating: 89N at 25.40 mm
Return spring: 9N
Hold rating: 178N

Plunger: Internal
Elect. connection: Plug
Function: Pull
Mount. type: Flange/bracket
Switch: Internal
Aux terminal: Yes

090224 Shutdown Solenoid

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 12
Amp/hold: 0.25
Amp/pull: 17

Thread size: 6
Thread type: mm
Pull rating: 40N at 25.40 mm
Return spring: 17N
Hold rating: 89N

Plunger: Internal
Switch: Internal

090268 Shutdown Solenoid

Servicing: Kubota 5 series

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 12
Amp/hold: 0.49
Amp/pull: 36.5

Thread size: 0.155
Thread type: Inches

Plunger: Internal
Switch: Internal

090297 Shutdown Solenoid

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 24
Amp/hold: 1.1
Amp/pull: 46

Thread size: 6
Thread type: mm
Pull rating: 107N at 25.40 mm
Return spring: 7-11N
Hold rating: 169N

Plunger: External
Switch: Internal
Aux terminal: No

090317 Shutdown Solenoid

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 24
Amp/hold: 0.3
Amp/pull: 20

Pull rating: 98N at 32.00 mm
Return spring: 45N
Hold rating: 245N

Plunger: Internal
Switch: Internal
Coil commander: w/

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

090318 Shutdown Solenoid

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 12
Amp/hold: 0.65
Amp/pull: 37

Pull rating: 98N at 32.00 mm
Return spring: 45N
Hold rating: 245N

Plunger: Internal
Switch: Internal

090334 Shutdown Solenoid — **Servicing:** Sisu Diesel 8366 40253

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 12
Amp/hold: 1.1
Amp/pull: 46.5

Pull rating: 89N
Hold rating: 178N

Plunger: Internal
Switch: Internal

090402 Shutdown Solenoid — **Servicing:** Kubota super 5 series

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 24
Amp/hold: 0.59
Amp/pull: 19.6

Thread size: 0.154
Thread type: Inches

Plunger: Internal
Switch: Internal

090430 Shutdown Solenoid — **Servicing:** Kubota

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 12
Amp/hold: 0.49
Amp/pull: 36.5

Thread size: 0.158
Thread type: Inches

Plunger: Internal
Switch: Internal

KITS

090097 Solenoid Shutdown Kit

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 12
Amp/hold: 1.1
Amp/pull: 46

Pull rating: 89N at 25.40 mm
Mount. side: Left
Hold rating: 178N

Elect. connection: Plug
Function: Pull
Mount. type: Flange/bracket
Switch: Internal

090098 Solenoid Shutdown Kit

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 12
Amp/hold: 1.1
Amp/pull: 46

Pull rating: 89N at 25.40 mm
Mount. side: Right
Hold rating: 178N

Elect. connection: Plug
Function: Pull
Switch: Internal

090101 Solenoid Shutdown Kit

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 24
Amp/hold: 0.5
Amp/pull: 25

Pull rating: 89N at 25.40 mm
Mount. side: Left
Hold rating: 178N

Elect. connection: Plug
Function: Pull
Switch: Internal

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

090102 Solenoid Shutdown Kit

This solenoid can switch off the pull coil, and no external 'control' is necessary.



Voltage: 24
Amp/hold: 0.5
Amp/pull: 25

Pull rating: 89N at 25.40 mm
Mount. side: Right
Hold rating: 178N

Elect. connection: Plug
Function: Pull
Switch: Internal

PULL COIL TIMER MODULES

090115 Pull Coil Timer



Voltage: 12

No./wires: 3

090116 Pull Coil Timer



Voltage: 24

No./wires: 3

ADVANCE SOLENOIDS

080940 Actuator — **Servicing:** Fiat, Renault



Voltage: 12

080941 Actuator — **Servicing:** Ford



Voltage: 12

080942 Actuator — **Servicing:** Renault



Voltage: 12

081117 Actuator



Voltage: 12

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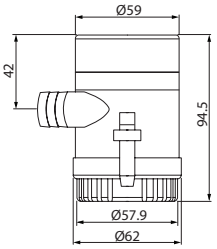
PUMPS & PUMP PARTS

ELECTRICAL BILGE PUMPS

070154 Bilge Pump

Model UP500. Completely submersible bilge pump. Compact design w/ ABS material housing, corosion resistant. Shaft seal made of ceramic and graphite which ensures lubrication and leak resistance. Water inlet strainer slots will screen particles present in the bilge allowing easy running. Pump body can be dismantled by a simple snap-off movement for easy inspection and cleaning.





Voltage: 12
Amp: 5

Dim.: 94.5x59 mm
Hose connection: 19 mm
Lift height: 4 m
Weight: 0.4 kg
Capacity: 32 l/min
Pressure: 0.45 bar
Pressure: 6.5 psi

Gasket: Ceramic
Type: Bilge
Pump housing: ABS plastic
Pump shaft: Stainless steel
ISO norm: 8849/8846

070155 Bilge Pump

Model UP1000. Completely submersible bilge pump. compact design w/ ABS material housing, corosion resistant. Shaft seal made of ceramic and graphite which ensures lubrication and leak resistance. Water inlet strainer slots will screen particles present in the bilge allowing easy running. Pump body can be dismantled by a simple snap-off movement for easy inspection and cleaning.



Voltage: 12
Amp: 10

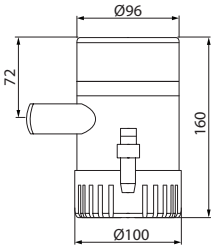
Dim.: 124.7x78 mm
Hose connection: 28.6 mm
Lift height: 4 m
Weight: 0.8 kg
Capacity: 63 l/min
Pressure: 0.45 bar
Pressure: 6.5 psi

Gasket: Ceramic
Type: Bilge
Pump housing: ABS plastic
Pump shaft: Stainless steel
ISO norm: 8849/8846

070156 Bilge Pump

Model UP1500. Completely submersible bilge pump. Compact design w/ ABS material housing, corosion resistant. Shaft seal made of ceramic and graphite which ensures lubrication and leak resistance. Water inlet strainer slots will screen particles present in the bilge allowing easy running. Pump body can be dismantled by a simple snap-off movement for easy inspection and cleaning.





Voltage: 12
Amp: 20

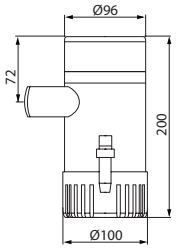
Dim.: 160x96 mm
Hose connection: 26.5 mm
Lift height: 4 m
Weight: 1.3 kg
Capacity: 95 l/min
Pressure: 0.45 bar
Pressure: 6.5 psi

Gasket: Ceramic
Type: Bilge
Pump housing: ABS plastic
Pump shaft: Stainless steel
ISO norm: 8849/8846

070157 Bilge Pump

Model UP2000. Completely submersible bilge pump. compact design w/ ABS material housing, corosion resistant. Shaft seal made of ceramic and graphite which ensures lubrication and leak resistance. Water inlet strainer slots will screen particles present in the bilge allowing easy running. Pump body can be dismantled by a simple snap-off movement for easy inspection and cleaning.





Voltage: 12
Amp: 25

Dim.: 200x96 mm
Hose connection: 31.8 mm
Lift height: 4 m
Weight: 1.8 kg
Capacity: 126 l/min
Pressure: 0.45 bar
Pressure: 6.5 psi

Gasket: Ceramic
Type: Bilge
Pump housing: ABS plastic
Pump shaft: Stainless steel
ISO norm: 8849/8846

ACCESSORIES

070160 Automatic Float Switch

Made of corrosion resistant materials.



Voltage: 12/24
Amp: 10

Dim.: 113x83x62 mm
Height/closed: 22
Height/open: 57

Floating switch: w/

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

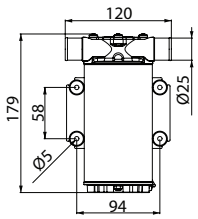
ELECTRICAL WATER PUMPS

070144 Water Pump

Servicing: Renault

Model UP1-N. Self priming (1.5 m) electric water pump w/ self-lubricating flexible impeller for prolonged service life and better performance. Pump body made of brass w/ stainless steel shaft and a rubber lip seal. 1/2" BSP inner thread and ID 25 mm bore hose connections. Main application: as a bilge pump.





Voltage: 12
Amp: 20

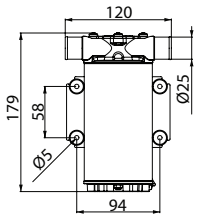
Dim.: 176x120x94 mm
Hose connection: 25 mm
Capacity: 35 l/min
Pressure: 0.8 bar
Pressure: 11.6 psi

Type: Impeller
Pump housing: Brass
Pump shaft: Stainless steel
Impeller: Rubber
Non return valve: Yes
ISO norm: 8849/8846

070145 Water Pump

Model UP1-N. Self priming (1.5 m) electric water pump w/ self-lubricating flexible impeller for prolonged service life and better performance. Pump body made of brass w/ stainless steel shaft and a rubber lip seal. 1/2" BSP inner thread and ID 25 mm bore hose connections. Main application: as a bilge pump.





Voltage: 24
Amp: 15

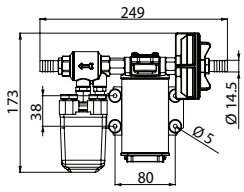
Dim.: 176x120x94 mm
Hose connection: 25 mm
Capacity: 35 l/min
Pressure: 0.8 bar
Pressure: 11.6 psi

Type: Water, Impeller
Pump housing: Brass
Pump shaft: Stainless steel
Impeller: Rubber
Non return valve: Yes
ISO norm: 8849/8846

070153 Water Pump

Model UP3/A. Self priming electric gear pump equipped w/ pressure switch, non-return valve to be used as automatic pump for water pressure system on boats, mobile homes etc. Bronze gears and rubber lip seal.





Voltage: 12
Amp: 10

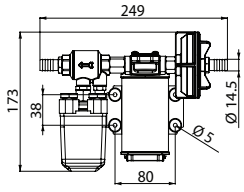
Dim.: 163x249x118 mm
Hose connection: 13 mm
Weight: 2.2 kg
Capacity: 14 l/min
Pressure: 2 bar
Pressure: 29 psi

Type: Gear
Pump housing: Brass
Pump shaft: Stainless steel
Pinion: PTFE
Filter: w/
Non return valve: Yes

070172 Water Pump

Model UP4/A. Self priming electric gear pump equipped w/ pressure switch, non-return valve to be used as automatic pump for water pressure system on boats, mobile homes etc. Bronze gears and rubber lip seal.





Voltage: 24
Amp: 5

Dim.: 163x249x118 mm
Hose connection: 14 mm
Weight: 2.2 kg
Capacity: 14 l/min
Pressure: 2 bar
Pressure: 29 psi

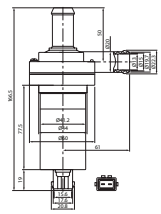
Type: Water, Gear
Pump housing: Brass
Pump shaft: Stainless steel
Pinion: PTFE
Filter: w/
Non return valve: Yes

CIRCULATION TYPE

070192 Circulation Pump

Servicing: Ford, Seat, VW





Voltage: 12

Hose connection: 20 mm
Capacity: 14 l/min

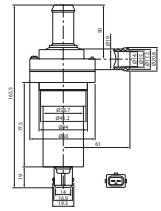
Type: Water, Impeller

070203 Circulation Pump

Servicing: Saab, Scania, Ferrari, Maserati, Opel, Vauxhall

Junior Timer Connector: HC-CARGO 192146. (see Workshop Cons. & Tools)





Voltage: 12

Hose connection: 19 mm
Capacity: 18 l/min

Type: Water, Impeller
Filter: w/

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

070206 Circulation Pump — **Servicing:** Mercedes-Benz



Voltage: 12

Hose connection: 19 mm
Capacity: 18 l/min

Type: Water, Impeller
Filter: w/o

SPARE PARTS

070146 Impeller — **Servicing:** HC-CARGO 070144, 070145



Impeller: Rubber

ACCESSORIES

070207 In line Filter — **Servicing:** HC-CARGO 070153

Diameter: 14 mm.

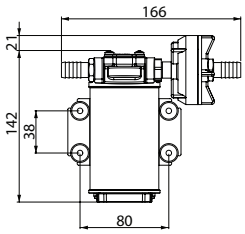


ELECTRICAL FLUID PUMPS

070147 Fluid Pump — **Servicing:** Main application: transfer of diesel fuel, water antifreeze etc.

Model UP/3. self-priming 1.5 m. Electric pump w/ bronze gears for transfer of various liquids, complete w/ inline filter. Pump body made of brass w/ stainless steel shaft and a rubber lip seal. 3/8" BSP w/ brass connection for I.D. 14 mm inner tubing.





Voltage: 12
Amp: 10

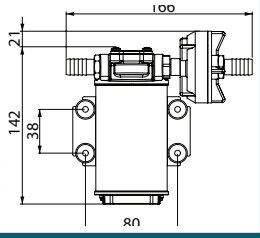
Dim.: 163x166x95 mm
Hose connection: 14 mm
Weight: 1.4 kg
Capacity: 14 l/min
Pressure: 2 bar
Pressure: 29 psi

Type: Gear
Pump housing: Brass
Pump shaft: Stainless steel
Pinion: Brass
Filter: w/

070148 Fluid Pump — **Servicing:** Main application: transfer of diesel fuel, water antifreeze etc.

Model UP/3. self-priming 1.5 m. Electric pump w/ bronze gears for transfer of various liquids, complete w/ inline filter. Pump body made of brass w/ stainless steel shaft and a rubber lip seal. 3/8" BSP w/ brass connection for I.D. 14 mm inner tubing.





Voltage: 24
Amp: 5

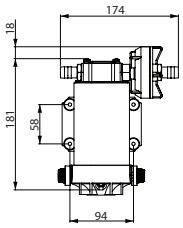
Dim.: 163x166x95 mm
Hose connection: 14 mm
Weight: 1.4 kg
Capacity: 14 l/min
Pressure: 2 bar
Pressure: 29 psi

Type: Gear
Pump housing: Brass
Pump shaft: Stainless steel
Pinion: Brass
Filter: w/

070149 Fluid Pump — **Servicing:** Main application: transfer of diesel fuel, water antifreeze etc.

Self-priming electric pump w/ helical bronze gears, complete with in-line filter. Nickel plated brass body w/ stainless steel shaft. Ports: 1/2" BSP w/ brass connection for Ø 16 mm inner tubing.





Voltage: 12
Amp: 15

Dim.: 199x174x108 mm
Hose connection: 16 mm
Weight: 3.1 kg
Capacity: 26 l/min
Pressure: 2 bar
Pressure: 29 psi

Type: Fluid, Gear
Pump housing: Brass
Pump shaft: Stainless steel
Pinion: Brass
Filter: w/

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

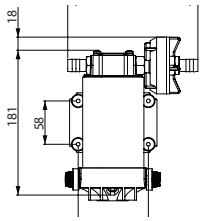
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

070150 Fluid Pump

Servicing: Main application: transfer of diesel fuel, water antifreeze etc.

Self-priming electric pump w/ helical bronze gears, complete with in-line filter. Nickel plated brass body w/ stainless steel shaft. Ports: 1/2" BSP w/ brass connection for Ø 16 mm inner tubing.





Voltage: 24
Amp: 7.5

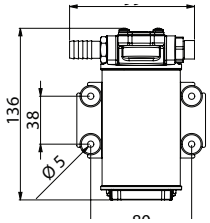
Dim.: 199x174x108 mm
Hose connection: 16 mm
Weight: 3.1 kg
Capacity: 26 l/min
Pressure: 2 bar
Pressure: 29 psi

Type: Gear
Pump housing: Brass
Pump shaft: Stainless steel
Pinion: Brass
Filter: w/

070151 Fluid Pump

Model UP3/ oil. Self-priming 1 m. Electrical gear pump particularly suitable for the transfer of lubricating oils or viscous liquids. Complete w/ two brass connections for 14 mm inner tube and one additional quick-fit for 8 mm external tubing. The pump can be used for extracting lubricating oil out of oil sumps of engines. Pump body made of brass w/ bronze gears, stainless steel shaft and a rubber lip seal.





Voltage: 12
Amp: 7.5

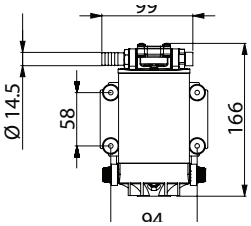
Dim.: 139x108x86 mm
Hose connection: 14 mm
Weight: 1.4 kg
Capacity: 5.5 l/min
Pressure: 29 psi

Gasket: Rubber
Type: Fluid, Gear
Pump housing: Brass
Pump shaft: Stainless steel
Pinion: Bronze
Non return valve: Yes

070152 Fluid Pump

Model UP6/ oil. Self-priming 1.5 m. Electrical gear pump particularly suitable for the transfer of lubricating oils or viscous liquids. Professional model complete w/ two brass connections for 14 mm inner tube and one additional quick-fit for 8 mm external tubing. The pump can be used for extracting lubricating oil out of oil sumps of engines. Pump body made of brass w/ bronze gears, stainless steel shaft and a rubber lip seal.





Voltage: 12
Amp: 10

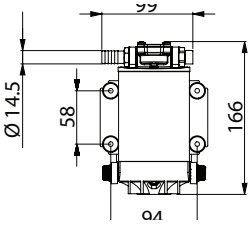
Dim.: 166x117x94 mm
Hose connection: 14 mm
Weight: 2.5 kg
Capacity: 8 l/min
Pressure: 2 bar
Pressure: 29 psi

Type: Fluid, Gear
Pump housing: Brass
Pump shaft: Stainless steel
Pinion: Bronze

070173 Fluid Pump

Model UP3/A. Self priming electric gear pump equipped w/ pressure switch, non-return valve to be used as automatic pump for water pressure system on boats, mobile homes etc. Bronze gears and rubber lip seal.





Voltage: 24
Amp: 7.5

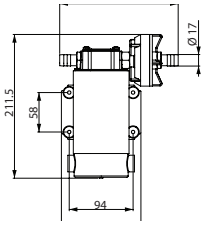
Dim.: 166x117x94 mm
Hose connection: 14 mm
Weight: 2.5 kg
Capacity: 8 l/min
Pressure: 2 bar
Pressure: 29 psi

Type: Fluid, Gear
Pump housing: Brass
Pump shaft: Stainless steel
Impeller: Rubber
Pinion: Bronze

070208 Electrical Fluid Pump HD

Model UP12. Self-priming 4 m.





Voltage: 12
Amp: 30

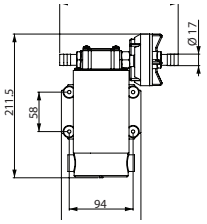
Dim.: 212x174x109 mm
Hose connection: 16 mm
Weight: 4.3 kg
Capacity: 40 l/min
Pressure: 2.5 bar
Pressure: 36 psi

Type: Fluid, Gear
Pump housing: Brass
Pump shaft: Stainless steel
Pinion: Bronze
Filter: w/
Non return valve: Yes

070209 Electrical Fluid Pump HD

Model UP12. Self-priming 4 m.





Voltage: 24
Amp: 15

Dim.: 212x174x109 mm
Hose connection: 16 mm
Weight: 4.3 kg
Capacity: 40 l/min
Pressure: 2.5 bar
Pressure: 36 psi

Type: Fluid, Gear
Pump housing: Brass
Pump shaft: Stainless steel
Pinion: Bronze
Filter: w/
Non return valve: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

SPARE PARTS

070182 Brush Set

Servicing: HC-CARGO 070144, -145, -149, -150, -152



Length: 18.1 mm
Height: 8.6 mm
Thickness: 5.6 mm

ELECTRICAL FUEL PUMPS

INTERRUPTER PUMPS

070003 Fuel Pump

Incl. 2 pcs. 6 mm hose nipples. 8 mm: HC-CARGO 080955. 8 mm angle: HC-CARGO 070181. 10 mm: HC-CARGO 081154.



Voltage: 12
Capacity: 113.5 l/h
Pressure: 4-5 psi
Type: Universal

070004 Fuel Pump

Incl. 2 pcs. 6 mm hose nipples. 8 mm: HC-CARGO 080955. 8 mm angle: HC-CARGO 070181.



Voltage: 24
Capacity: 113.5 l/h
Pressure: 4-5 psi
Type: Universal

070058 Fuel Pump

Servicing: Thermo King, Carrier

Incl. 2 pcs. 6 mm hose nipples. 8 mm: HC-CARGO 080955. 8 mm angle: HC-CARGO 070181. 10 mm: HC-CARGO 081154.



Voltage: 12
Capacity: 87 l/h
Pressure: 7-9.5 psi
Type: Universal

070076 Fuel Pump

w/ integral filter.



Voltage: 12
Capacity: 113 l/h
Pressure: 9-11.5 psi
Fuel: Gasoline, diesel, ethanol, methanol
Type: Universal

070134 Fuel Pump

Servicing: New-Holland, Same



Voltage: 12
Thread: In 1/4-18"
Capacity: 136 l/h
Pressure: 4-5 psi
Type: Universal

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

ACCESSORIES

070177 Filter — **Servicing:** HC-CARGO 070003, 070004, 070058, 070134



PRESSURE PUMPS

070032 Fuel Pump

Hose nipple 8 mm. Suction 1 mtr. Connectors can be rotated. Fitting instruction included.



Voltage: 12
Capacity: 120 l/h
Pressure: 0.2 bar
Fuel: Gasoline, diesel, ethanol, methanol
Type: Universal

070078 Fuel Pump

Hose nipple 8 mm. Suction 1.5 mtr. Connectors can be rotated. Fitting instruction included.



Voltage: 12
Capacity: 125 l/h
Pressure: 0.35 bar
Type: Universal

070107 Fuel Pump

Hose nipple 8 mm. Suction 1.5 mtr. Connectors can be rotated. Fitting instruction included.



Voltage: 24
Capacity: 130 l/h
Pressure: 0.35 bar
Fuel: Gasoline, diesel, ethanol, methanol
Type: Universal

070143 Fuel Pump — **Servicing:** Thermo King/carrier, tested according to SAE J1537

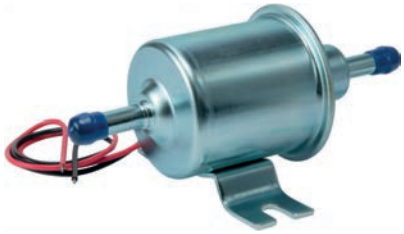
Suction 1.2 mtr. Fitting instruction included.



Voltage: 12
Thread: In 1/8" NPSF
Capacity: 155 l/h
Pressure: 0.1 bar
Fuel: Gasoline, diesel, ethanol, methanol
Type: Universal

070161 Fuel Pump

Hose nipple 8 mm.



Voltage: 12
Capacity: 80-150 l/h
Pressure: 0.1-0.4 kg
Pressure: 1.4-5.7 psi
Type: Universal

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

ACCESSORIES

070183 Filter Kit — **Servicing:** Thermo King/Carrier pump 6103 W

For HC-CARGO 070143.



Filter type: Insert

HIGH PERFORMANCE FUEL PUMPS

070187 Fuel Pump

Supplied w/ 2 pcs. 6 mm hose connection.



Voltage: 12

Thread: In 1/8"-27 NPTF
Capacity: 95 l/h
Pressure: 0.1-0.28 bar
Pressure: 0.1-0.3 kg
Pressure: 1.5-4 psi

Fuel: Gasoline, diesel, ethanol, methanol
Type: Universal

070188 Fuel Pump

Replaceable hose nipple. Supplied w/ 2 pcs. 6 mm hose connection.



Voltage: 12

Thread: In 1/8"-27 NPTF
Capacity: 132 l/h
Pressure: 0.3-0.5 kg
Pressure: 4-7 psi

Fuel: Gasoline, diesel, ethanol, methanol
Type: Universal

070191 Fuel Pump

Standard 6 mm hose nipples.



Voltage: 12

Thread: In M8
Capacity: 130 l/h
Pressure: 0.5-0.7 kg
Pressure: 7-10 psi

Fuel: Gasoline, diesel, ethanol, methanol
Type: Universal

SOLID STATE PUMPS

070056 Fuel Pump — **Servicing:** Caterpillar, IH/Case



Voltage: 24

Capacity: 121 l/h
Pressure: 0.3-0.45 kg
Pressure: 4.5-6 psi

Type: Universal

070057 Fuel Pump — **Servicing:** Thermo King etc



Voltage: 12

Capacity: 121 l/h
Pressure: 0.7 kg
Pressure: 10 psi

Fuel: Gasoline, diesel, ethanol, methanol
Type: Universal

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

SUCTION PUMPS

070019 Fuel Pump — **Servicing:** Bobcat

Suction 0.2 bar = 2.7 mtr. Fitting instruction included.



Voltage: 12

Thread: Out R-1/4"
Capacity: 120 l/h
Pressure: 0.2 bar

Fuel: Gasoline
Type: Universal

070021 Fuel Pump — **Servicing:** VW

Hose nipple 8 mm. Suction 1 mtr. Connectors can be rotated. Fitting instruction included.



Voltage: 12

Capacity: 120 l/h
Pressure: 0.15 bar

Fuel: Gasoline/diesel
Type: Universal

070184 Fuel Pump — **Servicing:** VW marine

Hose nipple 8 mm. Waterproof. Suction 1 mtr. Connectors can be rotated.



Voltage: 12

Capacity: 120 l/h
Pressure: 0.15 bar

Fuel: Gasoline, diesel, ethanol, methanol
Type: Universal

UNIVERSAL

HOSE NIPPLES

070067 Hose Nipple — **Servicing:** A005T16384, A5T16384



Hose ID: 10 mm
Thread: R1/4

070070 Hose Nipple



Hose ID: 10 mm
Thread: M16-1.5

070077 Hose Nipple



Hose ID: 6 mm
Thread: 1/8-27 NPTF

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

DIESEL PUMP KITS

070162 Diesel Transfer/Filter Kit

Includes: 2.5 m suction hose. 2.5 m pressure hose w/ gun. Wired connection w/ alligator clips. Switch on the pump. Bypass valve on the pump ensures that it is not overloaded by closed gun. Not to gasoline.



Voltage: 12
Amp: 15

Dim.: 210x161x120 mm
Hose connection: 25 mm
Capacity: 45 l/min
Pressure: 1.2 bar
Pressure: 17.4 psi

Type: Fluid Gear
Impeller: Steel
Filter: w/

070175 Diesel Transfer/Filter Kit

2.5 m suction hose w/ filter. 2.5 m pressure hose w/ gun. 2 m cable w/ alligator clips. Switch on the pump. Bypass valve on the pump ensure against overloading. Not for gasoline.



Voltage: 24
Amp: 7.5

Dim.: 210x161x120 mm
Hose connection: 25 mm
Capacity: 45.1 l/min
Pressure: 1.2 bar
Pressure: 17.4 psi

Type: Fluid
Filter: w/

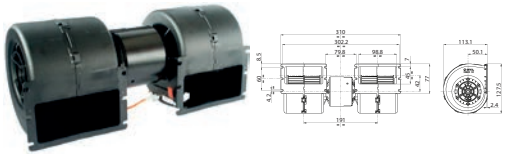
FANS & BLOWERS

BLOWERS

CENTRIFUGAL TYPE

160483 Centrifugal Blower

Servicing: HC-CARGO 060216



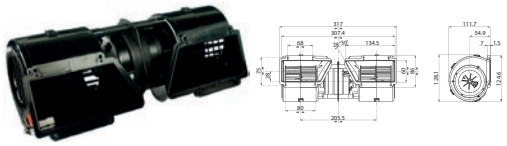
Voltage: 12
Amp: 15

Dim.: 113.1x127.5 mm
Shaft dia.: 50.1 mm
Length: 310 mm
Capacity: 750 m³
Pressure: 0 psi
Speed: 3-speed

No./shafts: 2
Fan mounted: Yes

160510 Centrifugal Blower

Servicing: New Holland tractors



Voltage: 12
Amp: 14

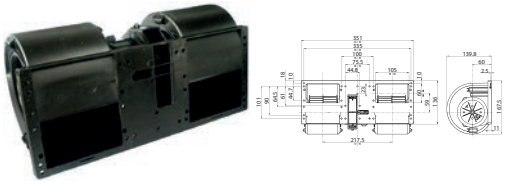
Dim.: 111.7x124.6 mm
Shaft dia.: 54.9 mm
Length: 317 mm
Capacity: 650 m³
Pressure: 0 psi
Speed: 3-speed

No./shafts: 2
Fan mounted: Yes

160511 Centrifugal Blower

Servicing: Deutz, New Holland

This model have to be used w/ a static pressure that is higher than 0.1 psi. (pressure cabins).

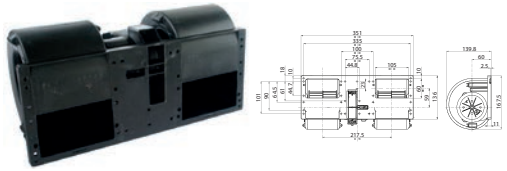


Voltage: 12
Amp: 34

Dim.: 139.8x167.5 mm
Shaft dia.: 60 mm
Length: 351 mm
Capacity: 840 m³
Pressure: 0 psi
Speed: 1-speed

No./shafts: 2
Fan mounted: Yes

160512 Centrifugal Blower

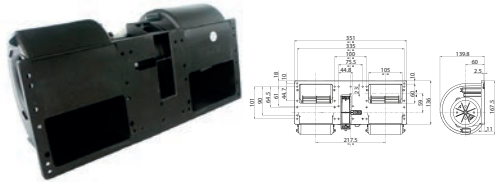
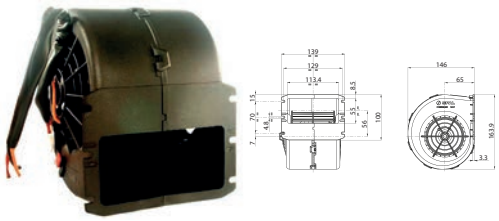
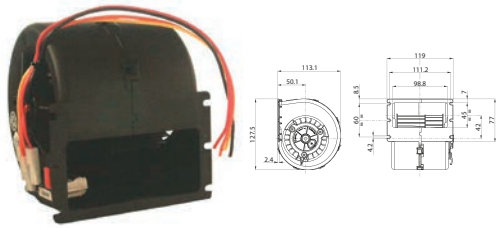
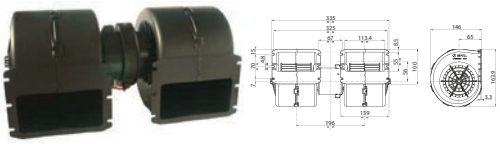
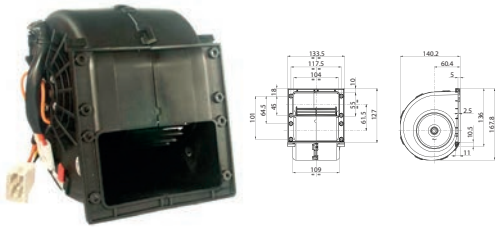
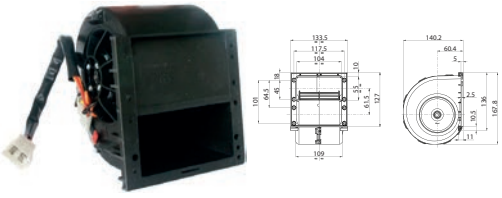
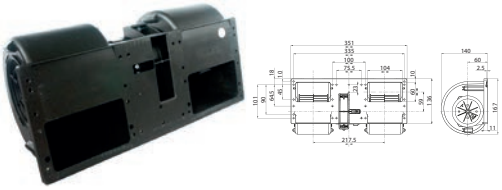


Voltage: 24
Amp: 15.9

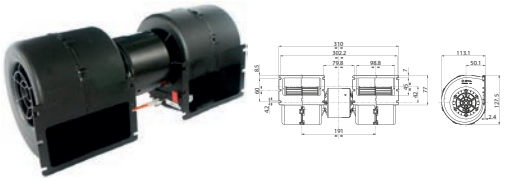
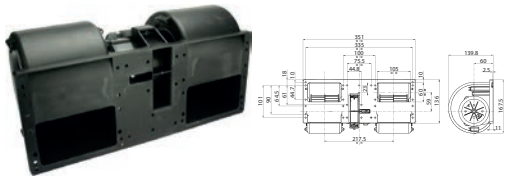
Dim.: 139.8x167.5 mm
Shaft dia.: 60 mm
Length: 351 mm
Capacity: 1160 m³
Pressure: 0 psi
Speed: 3-speed

No./shafts: 2
Fan mounted: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160557 Centrifugal Blower			
	**Voltage:** 24 **Amp:** 12	**Dim.:** 139.8x167.5 mm **Shaft dia.:** 60 mm **Length:** 351 mm **Capacity:** 1050 m³ **Pressure:** 0 psi **Speed:** 3-speed	**No./shafts:** 2 **Fan mounted:** Yes
160592 Centrifugal Blower			
	**Voltage:** 12 **Amp:** 19.6	**Dim.:** 146x163.9 mm **Shaft dia.:** 65 mm **Length:** 139 mm **Capacity:** 540 m³ **Pressure:** 0 psi **Speed:** 3-speed	**No./shafts:** 1 **Fan mounted:** Yes
160593 Centrifugal Blower			
	**Voltage:** 12 **Amp:** 5	**Dim.:** 113.5x127.5 mm **Shaft dia.:** 50.1 mm **Length:** 119 mm **Capacity:** 260 m³ **Pressure:** 0 psi **Speed:** 3-speed	**No./shafts:** 1 **Fan mounted:** Yes
160594 Centrifugal Blower			
	**Voltage:** 24 **Amp:** 11	**Dim.:** 146x163.9 mm **Shaft dia.:** 65 mm **Length:** 335 mm **Capacity:** 1050 m³ **Pressure:** 0 psi **Speed:** 3-speed	**No./shafts:** 2 **Fan mounted:** Yes
160596 Centrifugal Blower			
	**Voltage:** 24 **Amp:** 11.1	**Dim.:** 140.2x167.8 mm **Shaft dia.:** 60.4 mm **Length:** 133.5 mm **Capacity:** 530 m³ **Pressure:** 0 psi **Speed:** 3-speed	**No./shafts:** 2 **Fan mounted:** Yes
160639 Centrifugal Blower			
	**Voltage:** 12 **Amp:** 19.9	**Dim.:** 140.2x167.8 mm **Shaft dia.:** 60.4 mm **Length:** 133.5 mm **Capacity:** 510 m³ **Pressure:** 0 psi **Speed:** 3-speed	**No./shafts:** 1 **Fan mounted:** Yes
160647 Centrifugal Blower			
	**Voltage:** 12 **Amp:** 17.2	**Dim.:** 140x167 mm **Shaft dia.:** 60 mm **Length:** 351 mm **Capacity:** 910 m³ **Speed:** 3-speed	**No./shafts:** 2 **Fan mounted:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160649 Centrifugal Blower	**Servicing:** HC-CARGO 060220		
	**Voltage:** 24 **Amp:** 8.2	**Dim.:** 113.1x127.5 mm **Shaft dia.:** 50.1 mm **Length:** 310 mm **Capacity:** 750 m³ **Pressure:** 0 psi **Speed:** 3-speed	**No./shafts:** 2 **Fan mounted:** Yes
160878 Centrifugal Blower	**Servicing:** Volvo		
	**Voltage:** 24 **Amp:** 12	**Dim.:** 139.8x167.5 mm **Shaft dia.:** 60 mm **Length:** 351 mm **Capacity:** 1050 m³ **Pressure:** 0 psi **Speed:** 4-speed	**No./shafts:** 2 **Fan mounted:** Yes

FAN/HEATER MOTORS

UNIVERSAL

SINGLE SHAFTS

160005 Universal Motor

Universal.



Voltage: 12
Watt: 40

Dia.: 60 mm
Shaft dia.: 8x22 mm
Length: 121 mm
Revolutions/min.: 2000
Speed: 1-speed

No./shafts: 1
Fan mounted: No

160006 Universal Motor

Universal.



Voltage: 24
Watt: 40

Dia.: 60 mm
Shaft dia.: 8x22 mm
Length: 121 mm
Revolutions/min.: 2000
Speed: 1-speed

No./shafts: 1
Fan mounted: No

160674 Universal Motor

Universal.

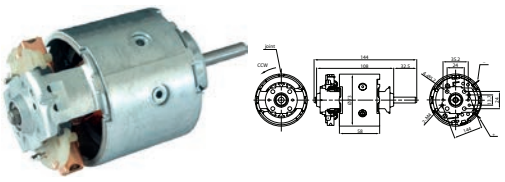


Voltage: 12

Dim.: 58x107 mm
Dia.: 51 mm
Shaft dia.: 6 mm
Length: 107 mm

No./shafts: 1
Fan mounted: No

160734 Universal motor — **Servicing:** Volvo



Voltage: 12

Dia.: 73 mm
Shaft dia.: 8 mm
Length: 144 mm

No./shafts: 1
Fan mounted: No

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

DOUBLE SHAFTS

160250 Universal Motor

Universal.



Voltage: 12

Dia.: 90 mm
Shaft dia.: 10x110 mm
Length: 105 mm
Revolutions/min.: 3200
Speed: 3-speed

No./shafts: 2
Fan mounted: No

160251 Universal Motor

Universal.



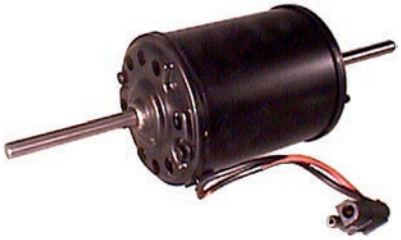
Voltage: 24

Dia.: 90 mm
Shaft dia.: 7.95x79 mm
Length: 107 mm
Revolutions/min.: 2600
Speed: 3-speed

No./shafts: 2
Fan mounted: No

160252 Universal Motor

Universal.



Voltage: 24

Dia.: 82 mm
Shaft dia.: 7.2x58 mm
Length: 248 mm
Revolutions/min.: 2500
Speed: 1-speed

No./shafts: 2
Fan mounted: No

160253 Universal Motor

Universal.



Voltage: 12

Dia.: 77.5 mm
Shaft dia.: 7x68.5 mm
Length: 254 mm
Revolutions/min.: 3300
Speed: 3-speed

No./shafts: 2
Fan mounted: No

160622 DC Motor

Servicing: Massey Ferguson 3070

Universal.



Voltage: 12

Dia.: 73 mm
Shaft dia.: 8x51 mm
Length: 223 mm
Revolutions/min.: 3100

Type: Blower
No./shafts: 2
Fan mounted: No

160626 DC Motor

Servicing: Fiat tractors

Universal.



Voltage: 12

Dia.: 59.5 mm
Shaft dia.: 8 mm
Length: 198 mm
Revolutions/min.: 4000

No./shafts: 2
Fan mounted: No

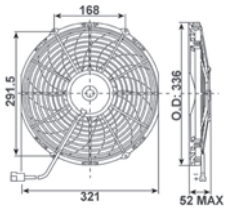
O.E.M. names and numbers are used for reference purposes only.

AXIAL FANS

12 V

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160536 Axial Fan

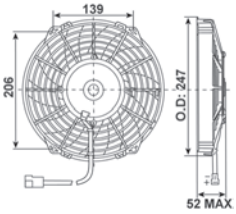



Voltage: 12
Amp: 6.2

OD: 336 mm
Capacity: 1590 m³

Type: Blower
Tightness norm: IP 68

160537 Axial Fan

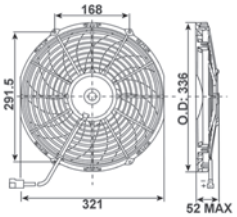



Voltage: 12
Amp: 6.7

OD: 247 mm
Capacity: 1060 m³

Type: Suction
Tightness norm: IP 68

160538 Axial Fan

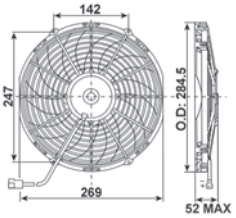



Voltage: 12
Amp: 6.7

OD: 336 mm
Capacity: 1540 m³

Type: Suction
Tightness norm: IP 68

160539 Axial Fan

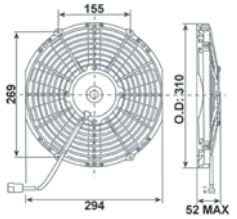



Voltage: 12
Amp: 8.7

OD: 284.5 mm
Capacity: 1360 m³

Type: Suction
Tightness norm: IP 68

160598 Axial Fan

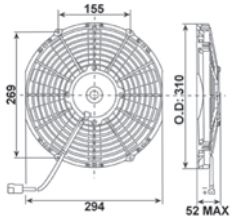



Voltage: 12
Amp: 7.8

OD: 310 mm
Capacity: 1390 m³

Type: Suction
Tightness norm: IP 68

160601 Axial Fan

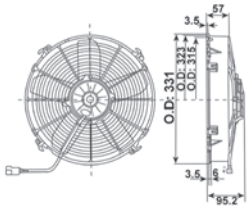



Voltage: 12
Amp: 7.7

OD: 310 mm
Capacity: 1400 m³

Type: Blower
Tightness norm: IP 68

160739 Axial Fan

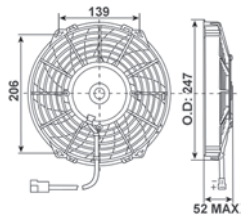
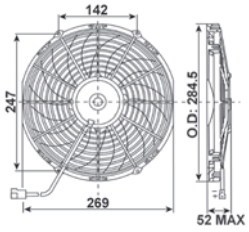
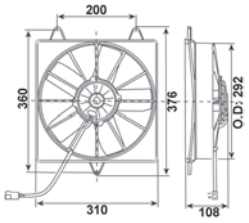
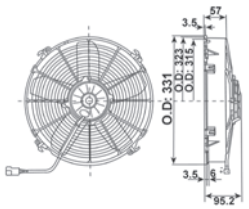
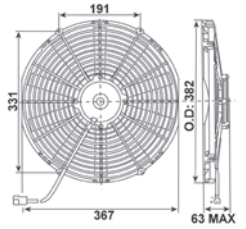
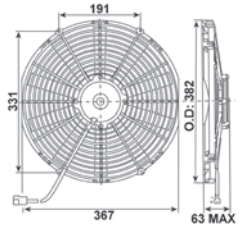
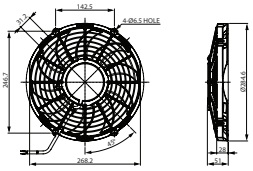



Voltage: 12
Amp: 15.6

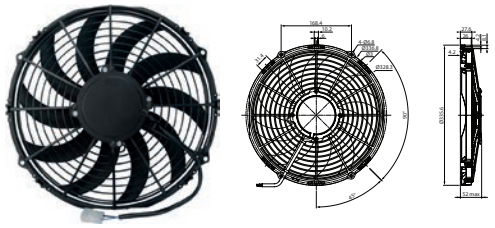
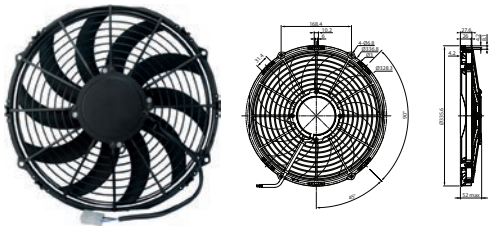
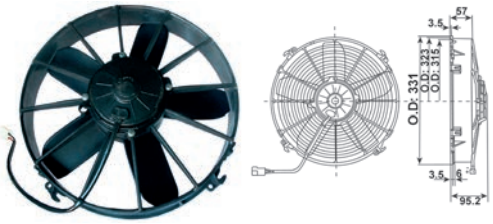
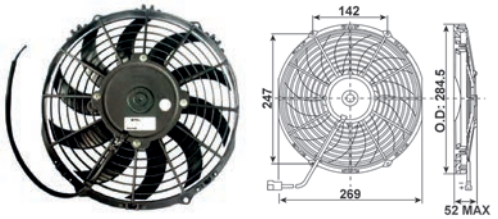
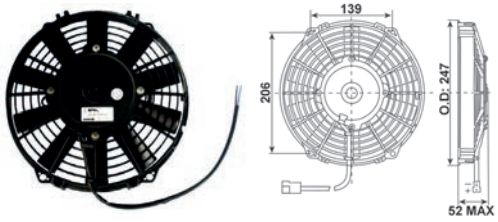
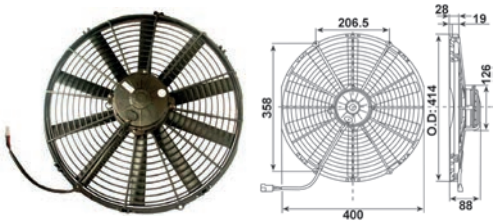
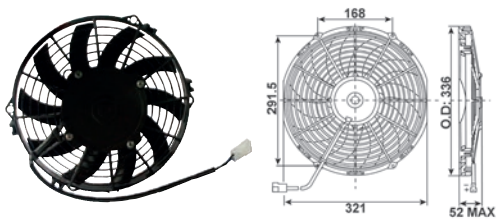
OD: 331 mm
Capacity: 2430 m³

Type: Suction
Tightness norm: IP 68

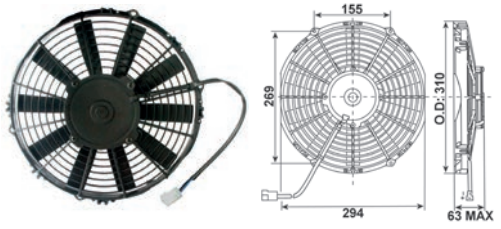
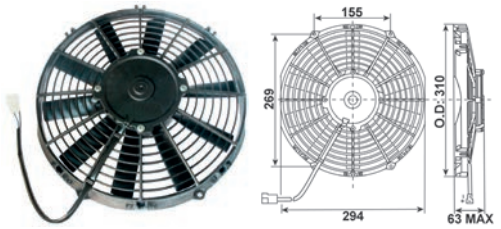
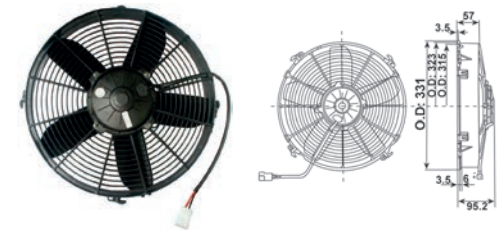
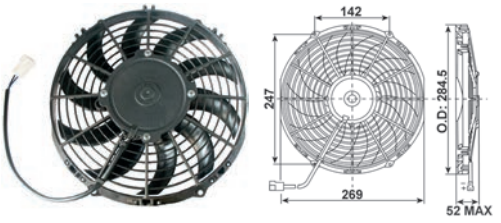
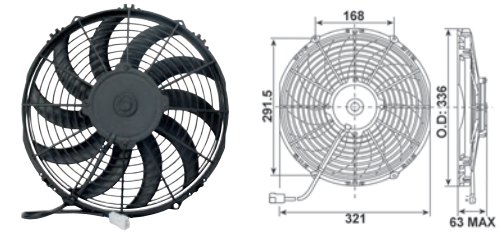
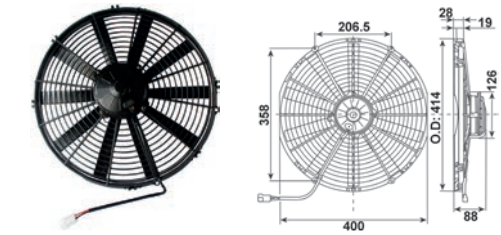
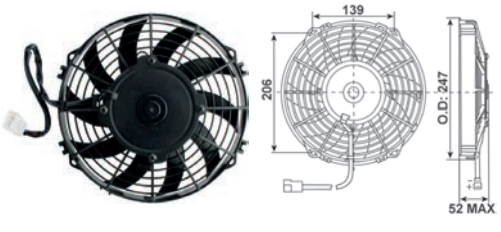
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160910 Axial Fan			
 	**Voltage:** 12 **Amp:** 7.2	**OD:** 247 mm **Capacity:** 1080 m³	**Type:** Blower **Tightness norm:** IP 68
160911 Axial Fan			
 	**Voltage:** 12 **Amp:** 7.6	**OD:** 284.5 mm **Capacity:** 1430 m³	**Type:** Blower **Tightness norm:** IP 68
160912 Axial Fan			
 	**Voltage:** 12 **Amp:** 11.4	**Dim.:** 376x310x108 mm **OD:** 292 mm **Capacity:** 2280 m³	**Type:** Blower **Tightness norm:** IP 68
160913 Axial Fan			
 	**Voltage:** 12 **Amp:** 15.3	**OD:** 331 mm **Capacity:** 2340 m³	**Type:** Blower **Tightness norm:** IP 68
160914 Axial Fan			
 	**Voltage:** 12 **Amp:** 9.5	**OD:** 382 mm **Capacity:** 2220 m³	**Type:** Suction **Tightness norm:** IP 68
160915 Axial Fan			
 	**Voltage:** 12 **Amp:** 8.7	**OD:** 382 mm **Capacity:** 2140 m³	**Type:** Blower **Tightness norm:** IP 68
161000 HC-CARGO Axial Fan			
 	**Voltage:** 12 **Amp:** 9	**OD:** 284.6 mm **Capacity:** 1506 m³	**Type:** Suction **Tightness norm:** IP 68

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
161002 HC-CARGO Axial Fan			
	**Voltage:** 12 **Amp:** 7.5	**OD:** 335.6 mm **Capacity:** 1733 m³	**Type:** Suction **Tightness norm:** IP 68
161003 HC-CARGO Axial Fan			
	**Voltage:** 12 **Amp:** 7.5	**OD:** 335.6 mm **Capacity:** 1733 m³	**Type:** Blower **Tightness norm:** IP 68
24 V			
160584 Axial Fan			
	**Voltage:** 24 **Amp:** 7.4	**OD:** 331 mm **Capacity:** 2900 m³	**Type:** Suction **Tightness norm:** IP 68
160587 Axial Fan			
	**Voltage:** 24 **Amp:** 3.9	**OD:** 384.5 mm **Capacity:** 1300 m³	**Type:** Suction **Tightness norm:** IP 68
160588 Axial Fan			
	**Voltage:** 24 **Amp:** 4.1	**OD:** 247 mm **Capacity:** 1080 m³	**Type:** Blower **Tightness norm:** IP 68
160595 Axial Fan			
	**Voltage:** 24 **Amp:** 8.7	**OD:** 414 mm **Capacity:** 3540 m³	**Type:** Blower **Tightness norm:** IP 68
160597 Axial Fan			
	**Voltage:** 24 **Amp:** 3.9	**OD:** 336 mm **Capacity:** 1180 m³	**Type:** Blower **Tightness norm:** IP 68

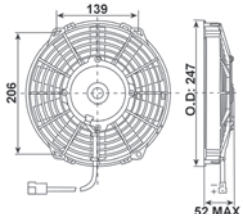
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160599 Axial Fan			
	**Voltage:** 24 **Amp:** 4.4	**OD:** 310 mm **Capacity:** 1690 m³	**Type:** Suction **Tightness norm:** IP 68
160600 Axial Fan			
	**Voltage:** 24 **Amp:** 4.1	**OD:** 310 mm **Capacity:** 1570 m³	**Type:** Blower **Tightness norm:** IP 68
160619 Axial Fan			
	**Voltage:** 24 **Amp:** 7.8	**OD:** 310 mm **Capacity:** 2440 m³	**Type:** Blower **Tightness norm:** IP 68
160714 Axial Fan			
	**Voltage:** 24 **Amp:** 3.7	**OD:** 284.5 mm **Capacity:** 1400 m³	**Type:** Blower **Tightness norm:** IP 68
160737 Axial Fan			
	**Voltage:** 24 **Amp:** 6	**OD:** 336 mm **Capacity:** 2240 m³	**Type:** Blower **Tightness norm:** IP 68
160777 Axial Fan			
	**Voltage:** 24 **Amp:** 8.4	**OD:** 414 mm **Capacity:** 3315 m³	**Type:** Suction **Tightness norm:** IP 68
160799 Axial Fan			
	**Voltage:** 24 **Amp:** 4	**OD:** 347 mm **Capacity:** 1170 m³	**Type:** Suction **Tightness norm:** IP 68

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160906 Axial Fan

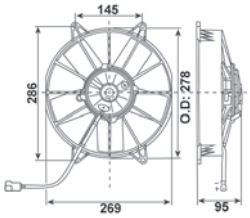



Voltage: 24
Amp: 3.7

OD: 247 mm
Capacity: 1070 m³

Type: Suction
Tightness norm: IP 68

160907 Axial Fan

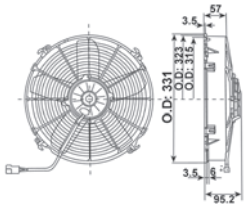



Voltage: 24
Amp: 5.7

OD: 278 mm
Capacity: 1990 m³

Type: Suction
Tightness norm: IP 68

160908 Axial Fan

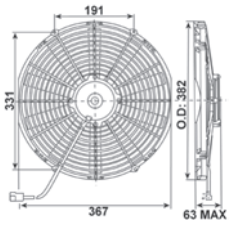



Voltage: 24
Amp: 7.1

OD: 331 mm
Capacity: 2760 m³

Type: Blower
Tightness norm: IP 68

160909 Axial Fan

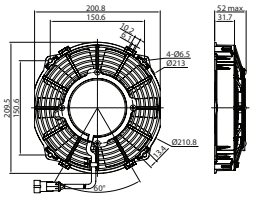



Voltage: 24
Amp: 4.9

OD: 382 mm
Capacity: 2170 m³

Type: Suction
Tightness norm: IP 68

160998 HC-CARGO Axial Fan

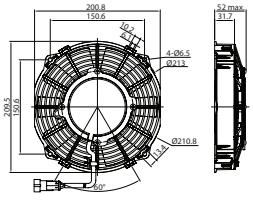



Voltage: 24
Amp: 2.5

OD: 210.8 mm
Capacity: 645 m³

Type: Suction
Tightness norm: IP 68

160999 HC-CARGO Axial Fan

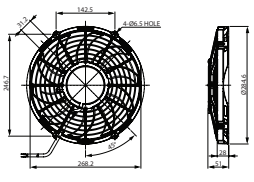



Voltage: 24
Amp: 2.5

OD: 210.8 mm
Capacity: 645 m³

Type: Blower
Tightness norm: IP 68

161001 HC-CARGO Axial Fan

Voltage: 24
Amp: 4

OD: 284.6 mm
Capacity: 1437 m³

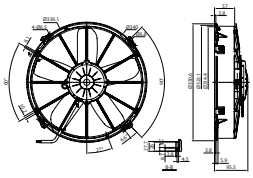
Type: Suction
Tightness norm: IP 68

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

161004 HC-CARGO Axial Fan





Voltage: 24
Amp: 9

OD: 330.6 mm
Capacity: 2976 m³

Type: Suction
Tightness norm: IP 68

ACCESSORIES

160966 Mounting kit



Total length: 180 mm

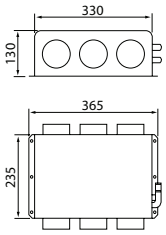
Washer: w/

CABIN HEATERS

060216 Cabin Heater

The heater has three 75 mm tube connections on the air inlet side. There are also three 75 mm tube connctions on the outlet side. The water connectons can be placed on either side of the heater and also be turned towards either the inlet or the outlet side.





Voltage: 12
Watt/speed 1: 60
Watt/speed 2: 77
Watt/speed 3: 114

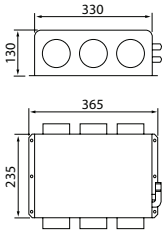
Dim.: 330x230x130 mm
Water connection OD: 16 mm
Weight: 6.3 kg
Capacity kW/speed 1: 7.2
Airflow speed 1: 264 m³/h
Capacity kW/speed 2: 9.3
Airflow speed 2: 357 m³/h
Capacity kW/speed 3: 12.2
Airflow speed 3: 504 m³/h
Regulation: Yes

Type: Complete kit
Cabinet: Stainless steel

060220 Cabin Heater

The heater has three 75 mm tube connections on the air inlet side. There are also three 75 mm tube connctions on the outlet side. The water connectons can be placed on either side of the heater and also be turned towards either the inlet or the outlet side. Blower: HC-CARGO 160649.





Voltage: 24
Watt/speed 1: 60
Watt/speed 2: 77
Watt/speed 3: 114

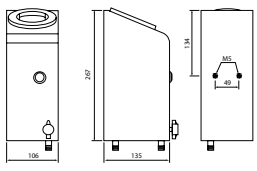
Dim.: 330x230x130 mm
Water connection OD: 16 mm
Weight: 6.3 kg
Capacity kW/speed 1: 7.2
Airflow speed 1: 264 m³/h
Capacity kW/speed 2: 9.2
Airflow speed 2: 357 m³/h
Capacity kW/speed 3: 12.2
Airflow speed 3: 504 m³/h
Regulation: Yes

Type: Complete kit
Cabinet: Stainless steel

060222 Cabin Heater

This Cabin heater is easily installed in small off road vehicles or as auxiliary heater in buses and delivery vans. The heating cycle is controlled by means of the built-in 1/4-turn water valve and the built-in switch. Heat-On 1331-12.





Voltage: 12
Watt/speed 1: 24

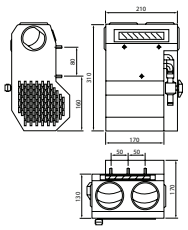
Dim.: 267x106x135 mm
Water connection OD: 12 mm
Weight: 3 kg
Capacity kW/speed 1: 1.9
Airflow speed 1: 76 m³/h
Regulation: No

Type: Complete kit
Cabinet: Metal

060223 Cabin Heater

This very powerful cabin heater is used for airrecirculation and has all connections behind a cover allowing hoses and cables to be led in any direction. It has a powerfull fan (230 W), controlled by means of a built-in 1/4-turn water valve. Efficient distribution of the air through the adjustable air vents provides for demisting of the cabin screens w/o the use of extra tubes and nozzles.



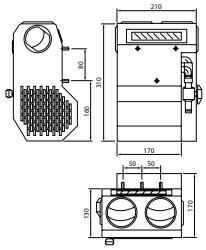
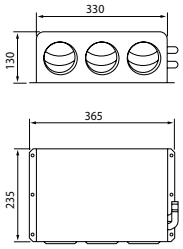
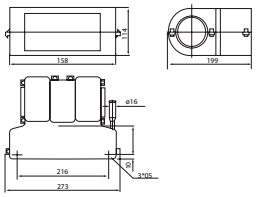


Voltage: 12
Watt/speed 3: 230

Dim.: 310x210x130 mm
Water connection OD: 16 mm
Weight: 5.8 kg
Capacity kW/speed 1: 4.3
Airflow speed 1: 180 m³/h
Capacity kW/speed 2: 6.3
Airflow speed 2: 288 m³/h
Capacity kW/speed 3: 9.2
Airflow speed 3: 468 m³/h
Regulation: Yes

Type: Complete kit
Cabinet: Galvanized steel w/ black polyester

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
060233 Cabin Heater			
 	**Voltage:** 24 **Watt/speed 3:** 230	**Dim.:** 310x210x130 mm **Water connection OD:** 16 mm **Weight:** 5.8 kg **Capacity kW/speed 1:** 4.3 **Airflow speed 1:** 180 m³/h **Capacity kW/speed 2:** 6.3 **Airflow speed 2:** 288 m³/h **Capacity kW/speed 3:** 9.2 **Airflow speed 3:** 468 m³/h **Regulation:** Yes	**Type:** Complete kit **Cabinet:** Galvanized steel w/ black polyester
060235 Cabin Heater			
Especially suitable for heating the passenger room in for instance buses.			
 	**Voltage:** 24 **Watt/speed 1:** 60 **Watt/speed 2:** 77 **Watt/speed 3:** 114	**Dim.:** 365x235x130 mm **Water connection OD:** 16 mm **Weight:** 6.3 kg **Capacity kW/speed 1:** 7.2 **Airflow speed 1:** 264 m³/h **Capacity kW/speed 2:** 9.3 **Airflow speed 2:** 357 m³/h **Capacity kW/speed 3:** 12.2 **Airflow speed 3:** 504 m³/h **Regulation:** Yes	**Type:** Complete kit **Cabinet:** Metal
060241 Cabin Heater	**Servicing:** Delivery vans, escavators, park tractors		
Radiator: copper/aluminium.			
 	**Voltage:** 12 **Watt/speed 2:** 75	**Dim.:** 273x114x199 mm **Water connection OD:** 16 mm **Weight:** 1.7 kg **Capacity kW/speed 2:** 4.3 **Airflow speed 2:** 230 m³/h **Regulation:** Yes	**Type:** Complete kit **Cabinet:** Shockproof plastic

HEATER MOTORS

060059 Cabin Heater Motor			
Heat-on 1531M-2412.			
	**Voltage:** 12 **Watt:** 24	**Dim.:** 72 mm **Dia.:** 70 mm **Shaft dia.:** 6.35x16 mm **Length:** 63 mm **Speed:** 1-speed	**Mount.:** 3 holes **No./shafts:** 1
060213 Cabin Heater Motor	**Servicing:** HC-CARGO 060210		
Heat-on 1531M-5012.			
	**Voltage:** 12 **Watt:** 50	**Dia.:** 70 mm **Shaft dia.:** 6.35x16 mm **Length:** 63 mm **Speed:** 2-speed	**Mount.:** 3 holes **No./shafts:** 1 **Fan mounted:** Yes
060214 Cabin Heater Motor	**Servicing:** HC-CARGO 060211		
Heat-on 1531M-5024.			
	**Voltage:** 24 **Watt:** 50	**Dia.:** 70 mm **Shaft dia.:** 6.35x16 mm **Length:** 63 mm **Speed:** 1-speed	**Mount.:** 3 holes **No./shafts:** 1 **Fan mounted:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

CONNECTORS

060229 Round Air Vent

Heat-on 66231.



ID: 70/76 mm
OD: 101 mm

ACCESSORIES

060058 Defroster Set

Servicing: HC-CARGO 060210, 060211

Heat-on 1518.



ID/demister tube connection: 45 mm
ID/demister tube: 40 mm
Demister tube length: 160 cm

Rubber elbows: 2
Demist nozzles: 2

060219 Air Distribution Kit

Servicing: HC-CARGO 060216, 060220

Heat-on 3050-30.



ID/demister tube: 75 mm
Demister tube length: 620 cm

Demist nozzles: 3

060227 Water Valve

Heat-on 2100.



ID/demister tube connection: 16 mm
Demister tube length: 11.2 cm

060237 Demister Tube



ID/demister tube: 50 mm

WIPER SYSTEMS

WIPER ARMS

160022 Wiper Arm



Dim./wiper arm: 8x2 mm
Length: 390 mm
Mount./wiper shaft: 6 mm

Type: Single

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

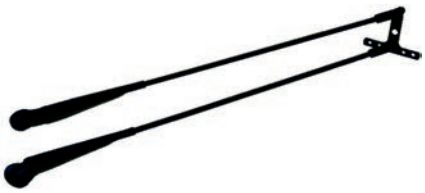
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160023 Wiper Arm	**Servicing:** Opel		
		**Dim./wiper arm:** 8x2 mm **Length:** 420 mm **Mount./wiper shaft:** 6 mm	**Type:** Single
160024 Wiper Arm	**Servicing:** Opel		
		**Dim./wiper arm:** 8x2.5 mm **Length:** 450 mm **Mount./wiper shaft:** 6 mm	**Type:** Single
160256 Wiper Arm			
Wiper motor: HC-CARGO 160258, 160290, 160291, 160357, 160408.			
		**Length:** 450 mm **Dist./wiper arms:** 57 mm **Mount./wiper shaft:** M6 cone + M8 shaft mm	**Type:** Parallel **Length/adjustable:** No
160257 Wiper Arm			
Usable w/ HC-CARGO 160258, 160290, 160291, 160357, 160408.			
		**Length:** 400 mm **Dist./wiper arms:** 57 mm **Mount./wiper shaft:** M6 cone + M8 shaft mm	**Type:** Parallel **Length/adjustable:** No
160338 Wiper Arm	**Servicing:** HC-CARGO 160727		
Usable w/ wiper motor: HC-CARGO 160340, 160345.			
		**Length:** 700 mm **Dist./wiper arms:** 55 mm **Mount./wiper shaft:** 2x8 cone mm	**Type:** Parallel **Length/adjustable:** No
160339 Wiper Arm			
Wiper motor: HC-CARGO 160292, 106293.			
		**Length:** 400 mm **Dist./wiper arms:** 57 mm **Mount./wiper shaft:** 6+M8 shaft mm	**Type:** Parallel **Length/adjustable:** No
160358 Wiper Arm			
Wiper motor: HC-CARGO 160258, 160290, 160291, 160357, 160408.			
		**Length:** 500 mm **Dist./wiper arms:** 57 mm **Mount./wiper shaft:** M6 cone + M8 shaft mm	**Type:** Parallel **Length/adjustable:** No

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160359 Wiper Arm

Wiper motor: HC-CARGO 160258, 160290, 160291, 160357, 160408.



Length: 550 mm
Dist./wiper arms: 57 mm
Mount./wiper shaft: M6 cone + M8 shaft mm

Type: Parallel
Length/adjustable: No

160484 Wiper Arm

Usable w/ HC-CARGO 160258, 160480.



Length: 340-420 mm
Dist./wiper arms: 57 mm
Mount./wiper blade: 9x2.5 mm hook
Mount./wiper shaft: M8 cone + M8 shaft mm

Type: Parallel
Length/adjustable: Yes

160485 Wiper Arm



Length: 430-500 mm
Dist./wiper arms: 57 mm
Mount./wiper blade: 9x2.5 mm hook
Mount./wiper shaft: M8 cone + M8 shaft mm

Type: Parallel
Length/adjustable: Yes

160486 Wiper Arm



Length: 340-420 mm
Mount./wiper blade: 9x3 mm hook
Mount./wiper shaft: M8 cone mm

Type: Single
Length/adjustable: Yes

160487 Wiper Arm



Length: 430-500 mm
Mount./wiper blade: 9x3 mm hook
Mount./wiper shaft: M8 cone mm

Type: Single
Length/adjustable: Yes

160571 Wiper Arm



Length: 680 mm
Dist./wiper arms: 60 mm
Mount./wiper shaft: 2x8 cone mm

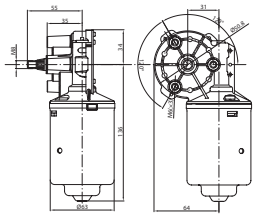
Type: Parallel
Length/adjustable: No

WIPER MOTORS

160150 Wiper Motor

Servicing: Fiat 127, Lada 2101

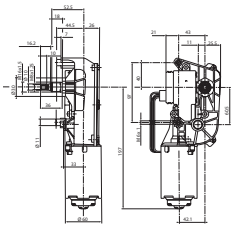
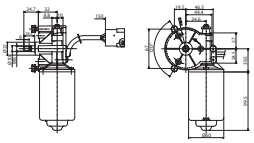
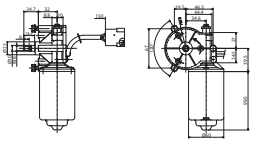
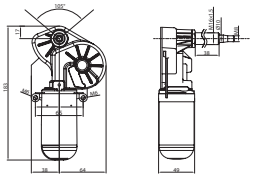




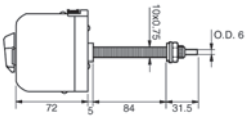
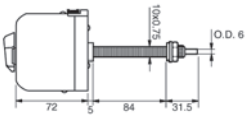
Voltage: 12

Type: OE

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160376 Wiper Motor	**Servicing:** Fiat Uno		
 	**Voltage:** 12	**Shaft length:** 10 mm **Wiper angle:** 138°	**Type:** OE **Position:** Front windscreen **Wiper shaft:** w/ 1 Shaft **Built in switch:** Yes **Auto stop:** Yes
160395 Wiper Motor	**Servicing:** Nissan Patrol 86-93		
 	**Voltage:** 12		**Type:** OE **Position:** Rear windscreen **Wiper shaft:** w/ 1 M8 Shaft **Auto stop:** No
160396 Wiper Motor	**Servicing:** Nissan Patrol 86-93		
 	**Voltage:** 24		**Type:** OE **Position:** Rear windscreen **Wiper shaft:** w/ 1 M8 Shaft **Auto stop:** No
160671 Wiper Motor	**Servicing:** Citroen, Fiat, Peugeot		
	**Voltage:** 12		**Type:** OE **Position:** Front windscreen
160881 Wiper Motor	**Servicing:** TEREX/SCHAEFF 5388665196		
 	**Voltage:** 12	**Shaft length:** 38 mm	**Type:** OE **Wiper shaft:** w/ 1 Shaft **Built in switch:** No **Auto stop:** Yes **Auto stop/placement:** Left side

UNIVERSAL

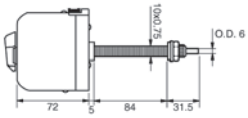
160031 Wiper Motor			
Fitted w/ an interchangeable bearing allowing the shaft to be cut in any size.			
 	**Voltage:** 12	**Wiper angle:** 85°	**Type:** Universal **Built in switch:** Yes **Auto stop:** No
160032 Wiper Motor			
Fitted w/ an interchangeable bearing allowing the shaft to be cut in any size.			
 	**Voltage:** 24	**Wiper angle:** 85°	**Type:** Universal **Built in switch:** Yes **Auto stop:** No

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160033 Wiper Motor

Fitted w/ an interchangeable bearing allowing the shaft to be cut in any size.

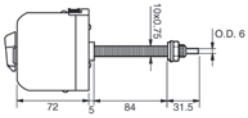
Voltage: 12

Wiper angle: 110°

Type: Universal
Built in switch: Yes
Auto stop: No

160034 Wiper Motor

Fitted w/ an interchangeable bearing allowing the shaft to be cut in any size.

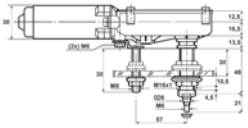
Voltage: 24

Wiper angle: 110°

Type: Universal
Built in switch: Yes
Auto stop: Yes

160258 Wiper Motor

w/ reciprocating shaft.

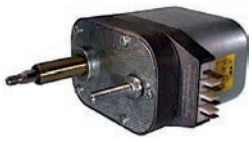
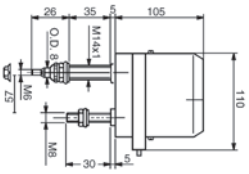
Voltage: 12

Dist./shafts: 57 mm
Wiper angle: 95°

Type: Universal
Wiper shaft: w/ 2 shafts for parallelogram
Built in switch: No
Auto stop: Yes

160290 Wiper Motor

w/ reciprocating shaft.

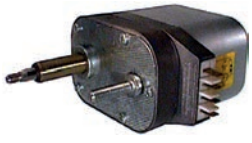
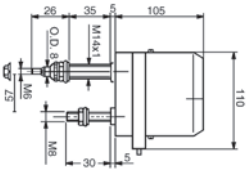
Voltage: 12

Dist./shafts: 57 mm
Wiper angle: 95°

Type: Universal
Wiper shaft: w/ 2 shafts for parallelogram
Built in switch: No
Auto stop: Yes
Auto stop/placement: Left side

160291 Wiper Motor

w/ reciprocating shaft.

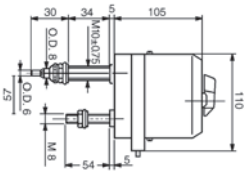
Voltage: 24

Dist./shafts: 57 mm
Wiper angle: 95°

Type: Universal
Wiper shaft: w/ 2 shafts for parallelogram
Auto stop: Yes
Auto stop/placement: Left side

160292 Wiper Motor

w/ reciprocating shaft.

Voltage: 12

Dist./shafts: 57 mm
Wiper angle: 110°

Type: Universal
Wiper shaft: w/ 2 shafts for parallelogram
Built in switch: Yes
Auto stop: No

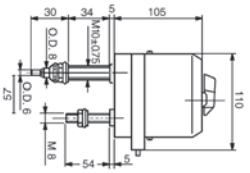
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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160293 Wiper Motor

w/ reciprocating shaft.





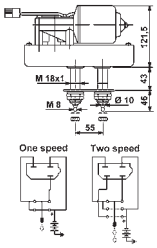
Voltage: 24

Dist./shafts: 57 mm
Wiper angle: 110°

Type: Universal
Wiper shaft: w/ 2 shafts for parallelogram
Built in switch: Yes
Auto stop: No

160345 Wiper Motor





Voltage: 24

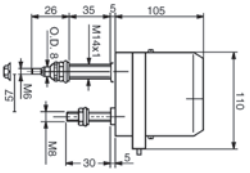
Dist./shafts: 55 mm
Wiper angle: 80°

Type: Universal
Position: Front
Wiper shaft: w/ 2 shafts for parallelogram
Auto stop: Yes
Auto stop/placement: Left side

160357 Wiper Motor

w/ reciprocating shaft.





Voltage: 12

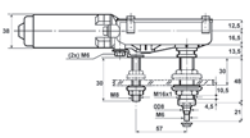
Dist./shafts: 57 mm
Wiper angle: 90°

Type: Universal
Wiper shaft: w/ 2 shafts for parallelogram
Built in switch: Yes
Auto stop: No

160408 Wiper Motor

w/ reciprocating shaft.





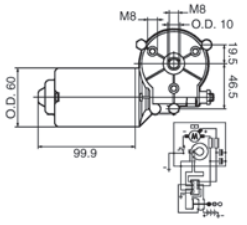
Voltage: 24

Dist./shafts: 57 mm
Wiper angle: 95°

Type: Universal
Wiper shaft: w/ 2 shafts for parallelogram
Auto stop: Yes

160503 Wiper Motor



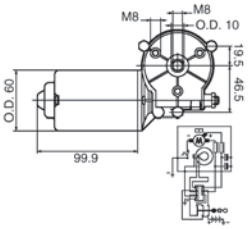


Voltage: 12

Type: Universal
Built in switch: No
Auto stop: Yes

160504 Wiper Motor





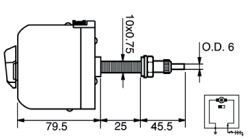
Voltage: 24

Type: Universal
Auto stop: Yes

160506 Wiper Motor

Moment: 0.8 NM.





Voltage: 12

Wiper angle: 110°

Type: Universal
Wiper shaft: w/ 1 Shaft
Built in switch: Yes

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	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160558 Wiper Motor *Black motor.*	**Voltage:** 12	**Wiper angle:** 85°	**Type:** Universal **Position:** Rear windscreen **Wiper shaft:** w/ 1 Shaft **Built in switch:** Yes
160659 Wiper Motor *1 speed.*	**Voltage:** 12	**Dist./shafts:** 57 mm **Wiper angle:** 85°	**Type:** Universal **Wiper shaft:** w/ 1 M6 Shaft **Built in switch:** No **Auto stop:** Yes
160725 Wiper Motor	**Voltage:** 12	**Dist./shafts:** 57 mm **Wiper angle:** 90°	**Type:** Universal **Wiper shaft:** w/ 2 M8 shafts for parallelogram **Built in switch:** Yes **Auto stop:** Yes **Auto stop/placement:** Right side

WINDSCREEN WASHERS

KITS

160186 Washer Kit *Pump: HC-CARGO 160386.*	**Voltage:** 12	**Dim.:** 190x130x100 mm **Can capacity:** 1.2 l **Capacity:** 140 ml/min	**Type:** Complete kit **Can:** w/
160273 Washer Kit *Pump: HC-CARGO 160630.*	**Voltage:** 24	**Dim.:** 190x130x100 mm **Can capacity:** 1.2 l	**Type:** Complete kit **Can:** w/

TANKS

12 V

160187 Washer Tank *Washer pump: HC-CARGO 160360.*	**Voltage:** 12	**Dim.:** 207x200x100 mm **Can capacity:** 3 l	**Type:** Can **Motor:** w/

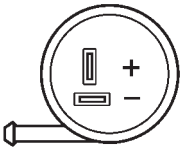
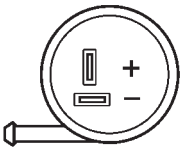
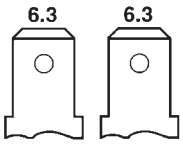
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160973 Washer Tank 12 V *Washer pump: HC-CARGO 160386.*			
	**Voltage:** 12	**Dim.:** 190x130x100 mm **Can capacity:** 1.2 l	**Type:** Can

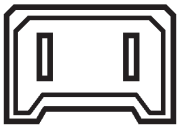
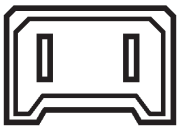
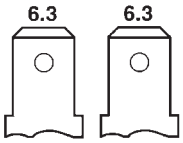
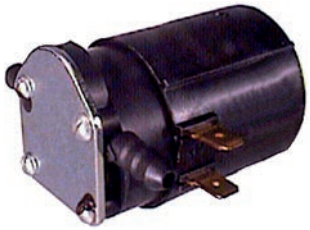
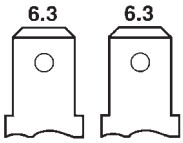
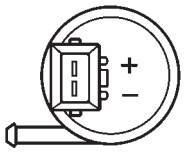
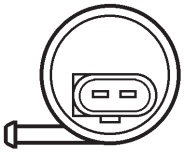
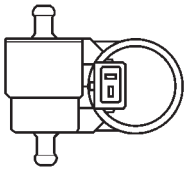
24 V

160188 Washer Tank *Washer pump: HC-CARGO 160360.*			
	**Voltage:** 24	**Can capacity:** 3 l	**Type:** Can **Motor:** w/
160967 Washer Tank *Doga ref. 232.2001.30.00.*			
	**Voltage:** 24	**Can capacity:** 2.1 l	**Type:** Can **Can:** w/ pump

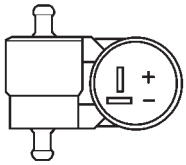
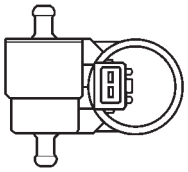
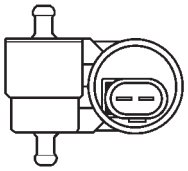
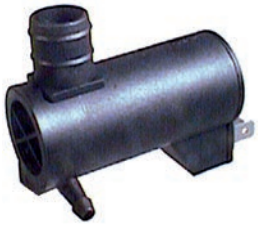
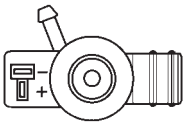
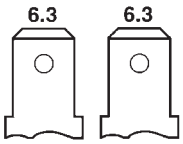
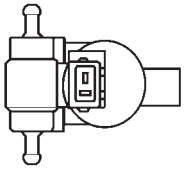
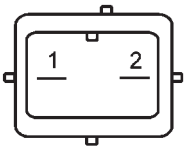
PUMPS

160197 Washer Pump	**Servicing:** Porsche, Volvo, Volkswagen, Alfa Romeo, Audi, BMW, Fiat, Ford, Lancia, Mercedes-Benz, Opel, Porsche, Saab, Seat		
 	**Voltage:** 12	**Capacity:** 2400 ml/min	**Type:** Standard **Pump type:** Single
160198 Washer Pump	**Servicing:** Scania, Mercedes-Benz		
 	**Voltage:** 24	**Capacity:** 2400 ml/min	**Type:** Universal **Pump type:** Single
160223 Washer Pump *For independent mounting in engine compartment.*	**Servicing:** Peugeot 104, 504		
 	**Voltage:** 12	**Capacity:** 1500 ml/min	**Type:** Universal **Pump type:** Single

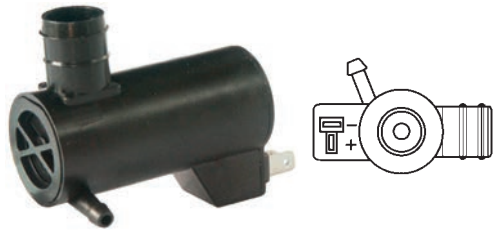
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160289 Washer Pump	**Servicing:** Peugeot, Citroen, Renault		
 	**Voltage:** 24	**Capacity:** 1500 ml/min	**Pump type:** Single
160332 Washer Pump	**Servicing:** Peugeot, Citroen, Renault		
 	**Voltage:** 12	**Capacity:** 1500 ml/min	**Pump type:** Single
160360 Washer Pump	**Servicing:** Rover Group, Honda		
 	**Voltage:** 12	**Capacity:** 1400 ml/min	**Type:** Universal **Pump type:** Single
160361 Washer Pump	**Servicing:** Skoda Favorit		
Replacing original pump 115930290 on Skoda Favorit.			
 	**Voltage:** 12	**Capacity:** 1200 ml/min	**Type:** Standard **Pump type:** Single
160378 Washer Pump	**Servicing:** Ford, Opel, Seat, VW		
 	**Voltage:** 12	**Capacity:** 2200 ml/min	**Pump type:** Single
160379 Washer Pump	**Servicing:** Mercedes-Benz		
 	**Voltage:** 12	**Capacity:** 2200 ml/min	**Type:** Standard **Pump type:** Single
160380 Washer Pump	**Servicing:** VW, Opel, Seat, Ford		
 	**Voltage:** 12	**Capacity:** 2400 ml/min	**Type:** Universal **Pump type:** Dual

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160381 Washer Pump	**Servicing:** Fiat, Vauxhall, Audi, Ford, Opel, VW, Wartburg		
 	**Voltage:** 12	**Capacity:** 2000 ml/min	**Type:** Universal **Pump type:** Dual
160382 Washer Pump	**Servicing:** Opel, Seat, VW		
 	**Voltage:** 12	**Capacity:** 2400 ml/min	**Type:** Universal **Pump type:** Dual
160383 Washer Pump	**Servicing:** VW, Smart, Seat, Audi, BMW		
 	**Voltage:** 12	**Capacity:** 2200 ml/min	**Type:** Universal **Pump type:** Dual
160386 Washer Pump	**Servicing:** Honda Accort, Peugeot (UK), Ford		
 	**Voltage:** 12	**Capacity:** 1800 ml/min	**Type:** Universal **Pump type:** Single
160507 Washer Pump			
 	**Voltage:** 24	**Capacity:** 1500 ml/min	**Type:** Universal **Pump type:** Single
160535 Washer Pump	**Servicing:** Daihatsu, Ford, Mazda		
 	**Voltage:** 12	**Capacity:** 1800 ml/min	**Type:** Standard **Pump type:** Dual
160629 Washer Pump	**Servicing:** Citroen, Fiat, Peugeot		
 	**Voltage:** 12	**Capacity:** 1700 ml/min	**Type:** Standard **Pump type:** Dual

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

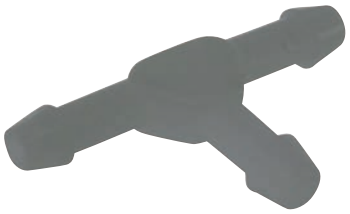
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160630 Washer Pump *HC-CARGO 160273.*	**Voltage:** 24	**Capacity:** 1800 ml/min	**Type:** Universal **Pump type:** Single
			
160677 Washer Pump	**Servicing:** Daewoo, Hyundai, Kia, Mazda, Mitsubishi, Toyota		
	**Voltage:** 12	**Capacity:** 2000 ml/min	**Type:** Standard **Pump type:** Single
160679 Washer Pump	**Servicing:** Mercedes-Benz		
	**Voltage:** 12	**Capacity:** 2100 ml/min	**Type:** Standard **Pump type:** Single
160680 Washer Pump	**Servicing:** BMW		
	**Voltage:** 12	**Capacity:** 2300 ml/min	**Type:** Standard **Pump type:** Single
160681 Washer Pump	**Servicing:** Audi		
	**Voltage:** 12	**Capacity:** 2400 ml/min	**Type:** Standard **Pump type:** Single
160682 Washer Pump	**Servicing:** Audi		
	**Voltage:** 12	**Capacity:** 2400 ml/min	**Type:** Standard **Pump type:** Dual
160683 Washer Pump	**Servicing:** Audi, BMW, Mercedes-Benz, Seat, Skoda, VW		
	**Voltage:** 12	**Capacity:** 2200 ml/min	**Type:** Standard **Pump type:** Dual

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

CONNECTIONS

160195 T-Connection



OD: 4 mm

Valve: w/o

160413 Pipe Connector

For hose I.D. 4 mm.



OD: 8 mm
Length: 32 mm

Valve: w/

RADIO ACCESSORIES

CAPACITORS

FOR CAR RADIOS

150100 Capacitor

For car radios.



El. capacitance: 2.2 µF

Length: 100 mm

Type: Universal
Mount. bracket: Straight
Plug: Straight
Cable: w/

150101 Capacitor

For car radios.



El. capacitance: 2.2 µF

Length: 80 mm

Type: Universal
Mount. bracket: Angled
Plug: Angled
Cable: w/

150407 Capacitor

For car radios.



El. capacitance: 2.2 µF

Length: 40 mm

Type: Universal
Mount. bracket: Angled
Plug: Angled
Cable: w/

150408 Capacitor

For car radios.



El. capacitance: 2.2 µF

Length: 100 mm

Type: Universal
Mount. bracket: Angled
Plug: Ring
Cable: w/

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

LOUDSPEAKER IN CABINET

040197 Speakers



Watt: 20/40
Ohm: 4

Length: 97 mm
Depth: 95 mm
Width: 95 mm

Cabinet: Yes
Mount. bracket: w/
Unit: Set

LOUDSPEAKER BUILT-IN

040193 Speakers

70-23000 Hz.



Watt: 150
Ohm: 4

ID/hole: 95 mm
Depth: 50 mm
Dist./mount. holes 1: 80 mm
Dist./mount. holes 2: 115 mm
Width: 100 mm

Type: Built-in
System: 2 way
Grill: w/
Unit: Set

RADIO MOUNTING KITS

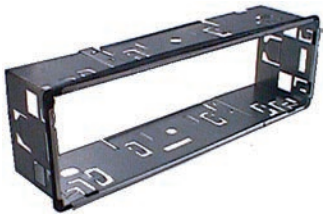
040149 Radio Box



Colour: Black
Material: Acrylic
Mount. bracket: Pendant
Integral front: Yes

040170 Radio Mounting Kit

Galvanized. w/ gasket.



Integral front: Yes

DASHBOARD GAUGES

AMMETER

160697 Ammeter

White figures.



Voltage: 12-24

OD: 52 mm

Mount. type: Hook fastening
Colour: Black
Measuring range: 30-0-30
Measuring unit: A

160698 Ammeter

White figures.



Voltage: 12-24

OD: 52 mm

Mount. type: Hook fastening
Colour: Black
Measuring range: 60-0-60
Measuring unit: A

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

VOLTMETER

160695 Voltmeter

White figures.



Voltage: 8-16 | **OD:** 52 mm

Mount. type: Hook fastening
Colour: Black
Measuring range: 8-16
Measuring unit: v

160696 Voltmeter

White figures.



Voltage: 16-32 | **OD:** 52 mm

Mount. type: Hook fastening
Colour: Black
Measuring range: 16-32
Measuring unit: v

HOUR METER

160702 Hour Meter

w/o illumination. IP65.



Voltage: 12-28 | **OD:** 52 mm

Type: Mechanical
Mount. type: Hook fastening
Colour: Black
Measuring unit: Timer

160747 Hour Meter

w/o illumination.



Voltage: 10-28 | **OD:** 36.5x25 mm

Type: Electrical operated
Colour: Black
Measuring unit: Timer

160897 Hour Meter

Digital.



Voltage: 10-28 | **OD:** 52 mm

Type: Electrical operated
Mount. type: Hook fastening
Colour: Black
Measuring unit: Timer
Digital: Yes

FUEL GAUGES

160701 Fuel Gauge

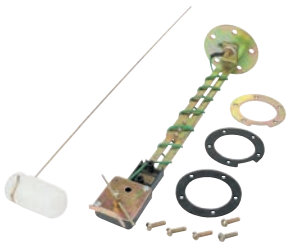
10-180 Ohm.



Voltage: 12 | **OD:** 52 mm

Mount. type: Hook fastening
Colour: Black
Measuring unit: l
Sender: w/

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160872 Fuel Gauge			
	**Voltage:** 24	**OD:** 52 mm	**Mount. type:** Hook fastening **Colour:** Black **Measuring unit:** l **Sender:** w/
160873 Fuel Gauge	**Servicing:** HC-CARGO 160701, 160872		
	**Voltage:** 12/24		

WATER TEMP. GAUGES

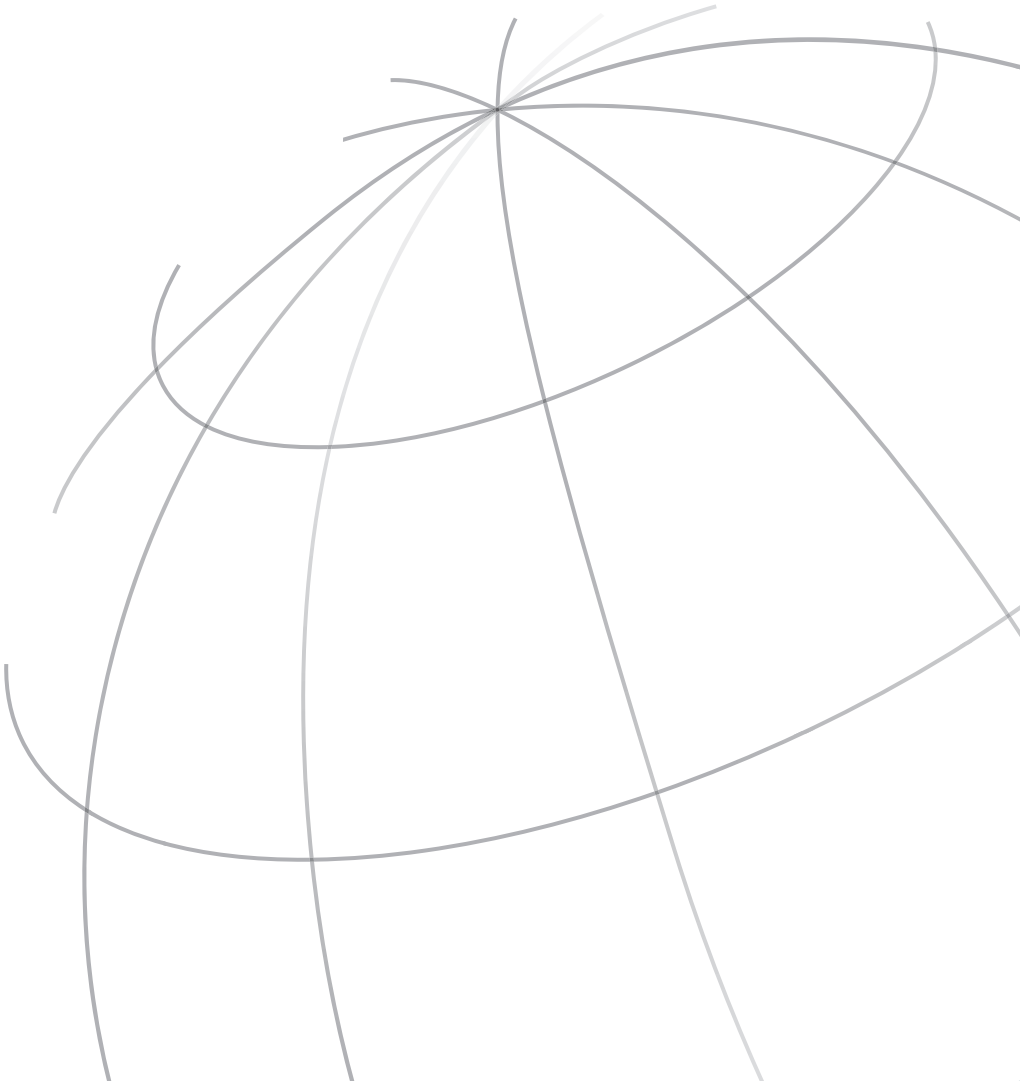
160699 Water Temp. Gauge			
Transmitter 1/8" NPTF: HC-CARGO 160786.			
	**Voltage:** 12	**OD:** 52 mm	**Type:** Electrical operated **Mount. type:** Hook fastening **Colour:** Black **Measuring range:** 40-120 **Measuring unit:** C° **Sender:** w/
160778 Water Temp. Gauge			
Transmitter 1/8" NPTF: HC-CARGO 160786.			
	**Voltage:** 24	**OD:** 52 mm	**Type:** Electrical operated **Mount. type:** Hook fastening **Colour:** Black **Measuring range:** 40-120 **Measuring unit:** v **Sender:** w/

OIL PRESSURE GAUGES

160700 Electrical Oil Pressure Gauge			
Transmitter 1/8" NPTF: HC-CARGO 160787.			
	**Voltage:** 12	**OD:** 52 mm	**Type:** Electrical operated **Mount. type:** Hook fastening **Colour:** Black **Measuring range:** 0-10 **Measuring unit:** Bar **Sender:** w/
160779 Oil Pressure Gauge			
Transmitter 1/8" NPTF: HC-CARGO 160787.			
	**Voltage:** 24	**OD:** 52 mm	**Type:** Electrical operated **Mount. type:** Hook fastening **Colour:** Black **Measuring range:** 0-10 **Sender:** w/

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

Workshop Consumables



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

BATTERY TERMINALS

BRASS CASTING

25-35 mm²

192368 Battery Terminal



Length: 46 mm

Material: Moulded brass

192369 Battery Terminal



Length: 46 mm

Material: Moulded brass

W/ 10 mm BOLT

192400 Battery Terminal



Length: 54 mm

Material: Moulded brass

192401 Battery Terminal



Length: 54 mm

Material: Moulded brass

TIN PLATED

190213 Battery Terminal



ID: 18.5 mm

Material: Moulded brass

190214 Battery Terminal



ID: 15.9 mm

Material: Moulded brass

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

W/ M6 BOLT AND WING NUT

TIN PLATED

191134 Battery Terminal

w/ wing nut.



ID: 15.9 mm

Material: Moulded brass

W/ M10 BOLT AND WING NUT

192402 Battery Terminal

w/ wing nut.



Length: 54 mm

Material: Moulded brass

192403 Battery Terminal

w/ wing nut.



Length: 54 mm

Material: Moulded brass

TIN PLATED

191133 Battery Terminal

w/ wing nut.



ID: 18.5 mm

Material: Moulded brass

25 mm²

192163 Battery Terminal



ID: 19 mm

Material: Moulded brass

192164 Battery Terminal



ID: 17 mm

Material: Moulded brass

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

W/ SWITCH

192493 Battery Terminal



Material: Moulded brass
Switch: w/

16-35 mm²

TIN PLATED

190012 Battery Terminal



ID: 18.5 mm

Material: Moulded brass

190013 Battery Terminal



ID: 15.9 mm

Material: Moulded brass

190211 Battery Terminal

Servicing: Fiat, Mazda, Suzuki, Nissan



ID: 13 mm

Material: Moulded brass

190212 Battery Terminal

Servicing: Fiat, Mazda, Suzuki, Nissan



ID: 11.2 mm

Material: Moulded brass

35-70 mm²

TIN PLATED

191166 Battery Terminal



ID: 18.5 mm

Material: Moulded brass

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
191167 Battery Terminal			
		**ID:** 15.9 mm	**Material:** Moulded brass
35-95 mm²			
TIN PLATED			
193000 Battery Terminal			
Heavy duty.			
		**ID:** 18.5 mm	**Material:** Moulded brass
193001 Battery Terminal			
Heavy duty.			
		**ID:** 15.9 mm	**Material:** Moulded brass
TIN PLATED W/DOUBLE SCREW			
190866 Battery Terminal			
w/ double screws and screw for AUX.			
		**ID:** 18.5 mm	**Material:** Moulded brass
190867 Battery Terminal			
w/ double screws and screw for AUX.			
		**ID:** 15.9 mm	**Material:** Moulded brass
35 mm²			
TIN PLATED			
191244 Battery Terminal			
		**ID:** 18.5 mm	**Material:** Moulded brass

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
191245 Battery Terminal			
		**ID:** 15.9 mm	**Material:** Moulded brass
50 mm²			
TIN PLATED			
190202 Battery Terminal			
		**ID:** 18.5 mm	**Material:** Moulded brass
190203 Battery Terminal			
		**ID:** 15.9 mm	**Material:** Moulded brass
70 mm²			
TIN PLATED			
191989 Battery Terminal			
		**ID:** 18.5 mm	**Material:** Moulded brass
191990 Battery Terminal			
		**ID:** 15.9 mm	**Material:** Moulded brass
193166 Battery Terminal			
		**Length:** 50 mm	**Material:** Moulded brass
193167 Battery Terminal			
		**Length:** 50 mm	**Material:** Moulded brass

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

ACCESSORIES

190215 Nut & Bolt



Thread size: M8

Material: Moulded brass

192681 Terminal Cover



Length: 52 mm
Width: 35 mm

Colour: Red
Material: PVC

192682 Terminal Cover



Length: 52 mm
Width: 35 mm

Colour: Black
Material: PVC

192888 Terminal Cover Right +



Length: 52 mm
Height: 22 mm
Width: 35 mm

Colour: Red
Material: PVC

192889 Terminal Cover Left -



Length: 52 mm
Height: 22 mm
Width: 35 mm

Colour: Black
Material: PVC

192890 Terminal Cover Left -



Length: 52 mm
Height: 22 mm
Width: 35 mm

Colour: Red
Material: PVC

192891 Terminal Cover Right -



Length: 52 mm
Height: 22 mm
Width: 35 mm

Colour: Black
Material: PVC

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

FORMPRESSED

25-40 mm²

17 MM

192075 Battery Terminal



ID: 17 mm

Material: Compressed

192076 Battery Terminal

For M8 stud connection.



ID: 17 mm

Material: Compressed

19 mm

191820 Battery Terminal

Terminal: HC-CARGO 191822, -827.



ID: 19 mm

Material: Compressed

3 TERMINAL OUTLETS

191821 Battery Terminal

Terminal: HC-CARGO 191822, -829.



ID: 19 mm

Material: Compressed

192234 Battery Terminal

Terminal: HC-CARGO 191822, -829.



ID: 17 mm

Material: Compressed

10-20 mm²

17 mm

192074 Battery Terminal



ID: 17 mm

Material: Compressed

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

FOR FRENCH APPLICATIONS

190253 Battery Terminal — **Servicing:** French applications



ID: 19 mm

Colour: Red
Material: Compressed

190254 Battery Terminal — **Servicing:** French applications



ID: 17 mm

Colour: Green
Material: Compressed

LEADS AND EARTH STRAPS

190218 Battery Connection Cable



Length: 300 mm

No./wires: 1008/0.2

190220 Earth Strap



Amp: 110

Length: 200 mm

No./wires: 432/0.26

190221 Earth Strap



Amp: 110

Length: 250 mm

No./wires: 432/0.26

190222 Earth Strap



Amp: 110

Length: 300 mm

No./wires: 432/0.26

190223 Earth Strap



Amp: 110

Length: 350 mm

No./wires: 432/0.26

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
190224 Earth Strap			
	**Amp:** 110	**Length:** 400 mm	**No./wires:** 432/0.26
190225 Earth Strap			
	**Amp:** 110	**Length:** 400 mm	**No./wires:** 432/0.26
190226 Earth Strap			
	**Amp:** 110	**Length:** 500 mm	**No./wires:** 432/0.26
190228 Earth Strap			
	**Amp:** 82	**Length:** 200 mm	**No./wires:** 228/0.25
190229 Earth Strap			
	**Amp:** 82	**Length:** 250 mm	**No./wires:** 228/0.25
190230 Earth Strap			
	**Amp:** 82	**Length:** 350 mm	**No./wires:** 228/0.25
190231 Earth Strap			
	**Amp:** 82	**Length:** 400 mm	**No./wires:** 228/0.25

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
190232 Earth Strap			
	**Amp:** 82	**Length:** 450 mm	**No./wires:** 228/0.25
190235 Starter Cable			
		**Length:** 300 mm	**No./wires:** 742/0.2
190237 Starter Cable			
		**Length:** 500 mm	**No./wires:** 742/0.2
190239 Starter Cable			
		**Length:** 700 mm	**No./wires:** 742/0.2
190242 Starter Cable			
		**Length:** 1000 mm	**No./wires:** 742/0.2
191679 Battery Connection Cable			
		**Length:** 300 mm	**No./wires:** 378/0.41

INDUSTRIAL BATTERY CONNECTORS

50 AMPERE

CB50	HC-CARGO	Max V	Amp	Temp. class °C	Colour	Cable size	Terminals	Handle	Dust cap
	**180530**	600	50	-40 - +125	Grey	6 mm²	180535	180548	180516
	180531	600	50	-40 - +125	Red	6 mm²	180535	180548	180516
	180532	600	50	-40 - +125	Black	6 mm²	180535	180548	180516
	180381	600	50	-40 - +125	Grey	16 mm²	180390	180548	180516
	180382	600	50	-40 - +125	Red	16 mm²	180390	180548	180516
	180383	600	50	-40 - +125	Black	16 mm²	180390	180548	180516

SPARE PARTS

180390 Terminals — **Servicing:** HC-CARGO 180381, -382, -383



Voltage: 600
Amp: 50
Cable dim.: 16 mm²

180535 Terminals — **Servicing:** HC-CARGO 180530, -531, -532



Voltage: 600
Amp: 50
Cable dim.: 6 mm²

ACCESSORIES

180548 Handle — **Servicing:** HC-CARGO 180381, -382, -383, -530, -531, -532



Colour: Red

181516 Dust Cap — **Servicing:** CB50



80 AMPERE

NF80	HC-CARGO	Max V	Amp	Temp. class	Colour	Heding type	Cable size
	**180542**	150	80	-20°C - +90°C	Black	Female	25 mm²
	180543	150	80	-20°C - +90°C	Black	Male	25 mm²
	180562	150	80	-20°C - +90°C	Black	Female	16 mm²
	180563	150	80	-20°C - +90°C	Black	Male	16 mm²

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

100 AMPERE

CB100	HC-CARGO	Max V	Amp	Temp. class	Colour	Heding type	Cable size	Handle
	**181501**	150	100	-20°C - +90°C	Black	Female	16 mm²	181505 (R)
	181502	150	100	-20°C - +90°C	Black	Male	16 mm²	181505 (R)
	181503	150	100	-20°C - +90°C	Black	Female	25 mm²	181505 (R)
	181504	150	100	-20°C - +90°C	Black	Male	25 mm²	181505 (R)

ACCESSORIES

181505 Handle — **Servicing:** HC-CARGO 181501, 181502, 181503, 181504



Colour: Red

160 AMPERE

CB160	HC-CARGO	Max V	Amp	Temp. class °C	Colour	Heading type	Cable size	Reducing bush	Handle
	**181519**	150	160	-20 - +90	Black	Female	50 mm²	181521	180380 (B)
	181520	150	160	-20 - +90	Black	Male	50 mm²	181521	Already present

ACCESSORIES

180380 Handle — **Servicing:** HC-CARGO 180395, 180396, 181519, 181520



Colour: Black

181521 Reducer Kit — **Servicing:** HC-CARGO 181519, 181520



Voltage: 150
Amp: 160
Cable dim.: 50/35 mm²

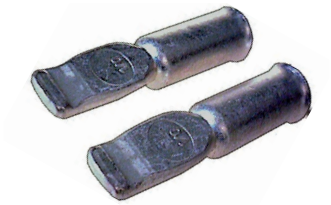
175 AMPERE

CB175	HC-CARGO	Max V	Amp	Temp. class °C	Colour	Cable size	Terminals	Handle	Dust cap
	**180533**	600	175	-40 - +125	Grey	35 mm²	180536	180549 (G) 180391 (R)	180517
	180534	600	175	-40 - +125	Red	35 mm²	180536	180549 (G) 180391 (R)	180517
	180384	600	175	-40 - +125	Grey	50 mm²	180392	180549 (G) 180391 (R)	180517
	180385	600	175	-40 - +125	Red	50 mm²	180392	180549 (G) 180391 (R)	180517
	180537	600	175	-40 - +125	Grey	50 mm²	180554	180549 (G) 180391 (R)	
	180538	600	175	-40 - +125	Red	50 mm²	180554	180549 (G) 180391 (R)	

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

SPARE PARTS

180392 Terminals — **Servicing:** HC-CARGO 180384, -385



Voltage: 600
Amp: 175
Cable dim.: 50 mm²

180536 Terminals — **Servicing:** HC-CARGO 180533, 180534



Voltage: 600
Amp: 175
Cable dim.: 35 mm²

180554 Terminals — **Servicing:** HC-CARGO 180537, -538



Voltage: 600
Amp: 175
Cable dim.: 50 mm²

ACCESSORIES

180391 Handle — **Servicing:** HC-CARGO 180533, -534, -537, -538, -384, -385



Colour: Red

180549 Handle — **Servicing:** HC-CARGO 180533, -534, -537, -538, -384, -385



Colour: Grey

181517 Dust Cap — **Servicing:** CB175



250 AMPERE

Y250	HC-CARGO	Max V	Amp	Colour	Heading type	Cable size	Terminals	Handle	Self close lid
	**180580**	150	250	Yellow	Male	50 mm²	180582	180328	181329
	180581	250	250	Black	Female	50 mm²	180583	180328	181329

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

SPARE PARTS

181605 Terminals — **Servicing:** HC-CARGO 180581



Amp: 250

Gender: Female

181606 Terminals — **Servicing:** HC-CARGO 180580



Amp: 250

Gender: Male

ACCESSORIES

180582 Terminals — **Servicing:** HC-CARGO 180580

Single delivered.



Amp: 250

Gender: Male

180583 Terminals — **Servicing:** HC-CARGO 180581

Single delivered.



Amp: 250

Gender: Female

181328 Rubber Boot — **Servicing:** HC-CARGO 180580



Protection degree: IP 66

181329 Lid — **Servicing:** HC-CARGO 180581

Self-closed.



181594 Joint interfacial — **Servicing:** HC-CARGO 180580



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

300 AMPERE

E300	HC-CARGO	Max V	Amp	Colour	Cable size	
	**180575**	250	300	Yellow	70 mm²	w/ brazed solid silver tip
	180577	250	300	Yellow	70 mm²	w/ brazed solid silver tip

320 AMPERE

	HC-CARGO	Max V	Amp	Temp. class	Colour	Heading type	Cable size	Aux terminals
	**180395**	150	320	-20 °C - +90 °C	Black	Female	90/70 mm²	180550
	180396	150	320	-20 °C - +90 °C	Black	Female	90/70 mm²	

ACCESSORIES

180616 Terminals — **Servicing:** HC-CARGO 180395

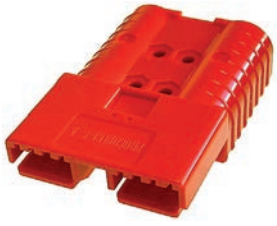


Voltage: 150
Amp: 160
Type: Female

INDUSTRIAL BATTERY CONNECTORS

350 AMPERE

	HC-CARGO	Max V	Amp	Temp. class	Colour	Heading type	Cable size	Handle
	**180386**	600	350	-40 °C - +125 °C	Grey	Female	70 mm²	180550 (G)
	180387	600	350	-40 °C - +125 °C	Red	Female	70 mm²	180550 (G)

	HC-CARGO	Max V	Amp	Temp. class	Colour	Heading type	Cable size	Handle
	**180551**	600	350	-40 °C - +125 °C	Grey	Female	70 mm²	180550 (G)
	180552	600	350	-40 °C - +125 °C	Red	Female	70 mm²	180550 (G)

ACCESSORIES

180550 Handle — **Servicing:** HC-CARGO 180386, -387, 180551, -552



Colour: Grey

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

PLUGS & SOCKETS

DIN AND CIGARETTE LIGHTER

160294 Cigarette Lighter

Servicing: Alfa Romeo, Audi, Opel, VW

Universal.



Voltage: 12

Light: w/o

160300 Cigarette Lighter

Universal.



Voltage: 12

Light: w/

SOCKETS

160409 Lighter Socket

Universal.



Voltage: 12-24
Amp: 20

Light: w/o
Cap: w/
Resistor: w/o

180038 DIN Socket

Standard DIN.



ID/mount. hole:
18.5 mm

Material: Nickel plated brass
No./mounting holes: 1
Cap: w/
Male/female: Female
DIN norm: 72591
ISO norm: 4165

180115 DIN Socket

Universal.



Dist. mount. holes:
46 mm

Material: Cast aluminum
No./mounting holes: 2
No./poles: 2
Male/female: Female
DIN norm: 72591
ISO norm: 4165

180315 DIN Socket

Universal. Fits HC-CARGO 180629.



Dist. mount. holes:
46 mm

Material: Plastic
No./mounting holes: 2
No./poles: 2
Male/female: Female

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180354 Coupling Socket *DIN - coupling socket extension connector, universal. Standard*			
			**No./poles:** 1 **Male/female:** Female
180376 DIN Socket *Also used in sockets for beacons.*	**Servicing:** HC-CARGO 170292, 170387, 170405, 170788, 170406, 170562, 170789, 170537, 171576, 170419, 170460		
		**ID/mount. hole:** 18.5 mm	**Material:** Brass **No./poles:** 1 **Male/female:** Female **DIN norm:** 72591
180377 DIN Socket *Also used in sockets for beacons.*			
		**ID/mount. hole:** 18.5 mm	**Material:** Brass **No./poles:** 2 **Male/female:** Female **DIN norm:** 72591
181275 DIN Socket			
		**ID/mount. hole:** 18.5 mm	**No./poles:** 2 **Cap:** w/ **Male/female:** Female **DIN norm:** 72591 **ISO norm:** 4165
181548 Twin Socket Cigar Adapter *w/ 60 cm cable.*			
	**Voltage:** 12 **Amp:** 15		
181549 Twin Socket Cigar Adapter			
	**Voltage:** 12 **Amp:** 15		
181550 Twin Socket Cigar Adapter *w/ 2 USB plugs. Cable lenght: 650 mm.*			
	**Voltage:** 12-24 **Amp:** 10		

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
181575 Socket			
Universal. w/ 30 cm cable 0.8 mm².			
			
181601 USB Adapter			
2 horizontally built-in ports, charging two USB devices simultaneously.			
	**Voltage:** 12-24 **Amp:** 3		**Material:** PVC
181616 DIN Socket			
300 mm cable.			
	**Voltage:** 6-24 **Amp:** 16	**Cable dim.:** 2x2.5 mm² **Mount. hole dia.:** 18.4 mm **Temp.:** -40 - +105 °C **Connection:** Cable	**Mount.:** Screw **Colour:** Black **Material:** Shockproof plastic **No./poles:** 2 **Male/female:** Female **ISO norm:** 4165 **Protection degree:** IP 67
181631 USB Adapter			
2 horizontally built-in ports, charging two USB devices simultaneously.			
	**Voltage:** 12-24 **Amp:** 2.1		**Colour:** White/black **Material:** Polycarbonate
PLUGS			
180113 DIN Plug			
Universal. Fits HC-CARGO 180115.			
			**Material:** Plastic **No./poles:** 2 **Male/female:** Male **DIN norm:** 72591 **ISO norm:** 4165
180230 DIN Plug			
Universal plug suitable for all cigarette lighter sockets. Also suitable for standard DIN socket.			
	**Voltage:** 12/24 **Amp:** <8		**Material:** Plastic **No./poles:** 2 **Male/female:** Male **ISO norm:** 4165
180287 DIN Plug			
Universal plug suitable for all cigarette lighter sockets. Also suitable for standard DIN socket. w/ built-in 8 A fuse.			
	**Voltage:** 12/24		**Material:** Plastic **No./poles:** 2 **Male/female:** Male **ISO norm:** 4165

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180399 DIN Plug *Universal. Fits HC-CARGO 180315.*			
	**Voltage:** 12/24		**Material:** Plastic **No./poles:** 2 **Male/female:** Male
181629 DIN Plug *Universal. Fits HC-CARGO 180315.*			
	**Voltage:** 12-24		**Material:** Plastic **No./poles:** 2 **Male/female:** Male
ACCESSORIES			
171518 Coiled Cable	**Servicing:** HC-CARGO 170292, 170387, 170405, 170788, 170406, 170562, 170789, 170537, 171576, 170419, 170460		
		**Working length:** 2 m	**Plug type:** Cigar plug **Plug:** 2 **ISO norm:** 4165
171562 Coiled Cable	**Servicing:** HC-CARGO 171763, 171764, 171494, 171495, 171496		
		**Working length:** 3 m	**Plug type:** Cigar plug
181579 Plug and Socket	**Servicing:** HC-CARGO 181629, 180315		
	**Voltage:** 12-24		**Material:** Plastic **No./mounting holes:** 2 **No./poles:** 2
181602 USB Charging Kit	**Servicing:** HC-CARGO 181601, 181550, 181631		
Plug 1: Nokia N70/628/6300/N95. Plug 2: Sony PSP. Plug 3: I-Phone. Plug 4: Nokia 8600/6500C. Plug 5: Nintendo DS Lite. Plug 6: Motorola, Android. Plug 7: Samsung Trace/E900.			
			**Material:** PVC
ADAPTERS - 12/24 V			
7-7 PIN			
180201 Trailer Adapter			
	**Voltage:** 12-24		**Plug type:** 24N, 12N **Plug 1:** 7 **Plug 2:** 7 **ISO norm 1:** 1724 **ISO norm 2:** 1185

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

ADAPTERS 12 V

2-2 PIN

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
181622 Splitter Cable	**Servicing:** HC-CARGO 181617		
	**Voltage:** 12	**Cable dim.:** 2x1 mm²	**Plug 1:** 2
		Length: 0.25 m	**Plug 2:** 2

7-8 PIN

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
181618 Trailer Adapter	**Servicing:** HC-CARGO 181617		
	**Voltage:** 12	**Cable dim.:** 6x1 mm²	**Plug type:** 12N, Bayonet
		Length: 8.5 m	**Colour:** Black
			Material: ABS plastic
			Plug 1: 7
			Plug 2: 8
			ISO norm: 1724
181619 Trailer Adapter	**Servicing:** HC-CARGO 181617		
	**Voltage:** 12	**Cable dim.:** 6X1 mm²	**Plug type:** 12N, Bayonet
		Length: 11 m	**Colour:** Black
			Material: ABS plastic
			Plug 1: 7
			Plug 2: 8
			ISO norm: 1724
181620 Trailer Adapter	**Servicing:** HC-CARGO 181617		
	**Voltage:** 12	**Cable dim.:** 6X1 mm²	**Plug type:** 12N, Bayonet
		Length: 14 m	**Colour:** Black
			Material: ABS plastic
			Plug 1: 7
			Plug 2: 8
			ISO norm: 1724
181621 Socket with cable	**Servicing:** HC-CARGO 181617		
	**Voltage:** 12	**Cable dim.:** 4x1 mm²	**Plug type:** 12N, 4 pin Power Seal
		Length: 2 m	**Colour:** Black
			Material: ABS plastic
			Plug 1: 7
			Plug 2: 4
			ISO norm: 1724

7-13 PIN

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180221 Trailer Adapter			
	**Voltage:** 12	**Cable length:** 1 mm	**Plug 1:** 7
			Plug 2: 13
			Cable: w/
			ISO norm 1: 11446
			ISO norm 2: 1724
181461 Trailer Adapter	**Servicing:** Hobby and Hymer caravans		
Connect pos. 2/54 on 7-pin to pos. 9 and 10 on 13-pin. (continuous power supply) and connect 3/31 on 7-pin to pos. 3.11 and 13 on 13-pin.			
	**Voltage:** 12		**Plug 1:** 7
			Plug 2: 13
			ISO norm 1: 1724
			ISO norm 2: 11446

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

13-7 PIN

180157 DIN Socket



ID/mount. hole: 18.5 mm

Material: Nickel plated brass
No./poles: 2
Cap: w/
Male/female: Female
DIN norm: 72591
ISO norm: 4165

180213 Trailer Adapter



Voltage: 12

Cable length: 0.8 mm

Plug 1: 13
Plug 2: 7
Cable: w/
ISO norm 1: 11446
ISO norm 2: 1724

180298 Trailer Adapter



Voltage: 12

Plug 1: 13
Plug 2: 7
Cable: w/
ISO norm 1: 11446
ISO norm 2: 1724

180305 Trailer Adapter



Voltage: 12

Plug 1: 13
Plug 2: 7
ISO norm 1: 11446
ISO norm 2: 1724

180332 Trailer Adapter



Voltage: 12

Plug type: Multicon
Plug 1: 13
Plug 2: 7-13
ISO norm 1: 11446
ISO norm 2: 1724

180373 Trailer Adapter



Voltage: 12

Cable length: 0.1 mm

Plug 1: 7
Plug 2: 13
Cable: w/
ISO norm 1: 11446
ISO norm 2: 1724

180574 Trailer Adapter



Voltage: 12

Cable length: 0.3 mm

Plug type: 12N/12S
Plug 1: 13
Plug 2: 7
Cable: w/
ISO norm 1: 11446
ISO norm 2: 1724

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180606 Trailer Adapter *Extremely compact.*			
	**Voltage:** 12		**Plug 1:** 13 **Plug 2:** 7 **ISO norm 1:** 11446 **ISO norm 2:** 1724
181669 UK short adapter	**Servicing:** UK		
	**Voltage:** 12		**Plug 1:** 13 **Plug 2:** 2x7 **Cable:** w/o **ISO norm 1:** 11446 **ISO norm 2:** 1724 **ISO norm 3:** 3732

DISTRIBUTOR BOX

181617 Distribution Box			
		**Dim.:** 160x60x120 mm **Input:** 8 pin **Outlet:** 6x4 pin + 2x3 pin	**Protection degree:** IP 54

TRAILER SOCKETS - 12 V

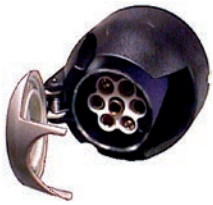
3 PIN

180306 Socket			
	**Voltage:** 12 **Amp:** 5/25/25	**Connection:** Terminal	**Colour:** Black **Material:** Plastic **No./poles:** 3 **Male/female:** Female
180307 Socket			
	**Voltage:** 12 **Amp:** 5/25/25	**Connection:** Terminal	**Colour:** Black **Material:** Plastic **No./poles:** 3 **Male/female:** Female **DIN norm:** 9680

7 PIN

180110 Trailer Socket	**Servicing:** HC-CARGO 180107, 180108, 180147, 181547		
	**Voltage:** 12	**Connection:** Screw	**Plug type:** 12N **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female **DIN norm:** 72577 **ISO norm:** 1724
180150 Coupling Socket	**Servicing:** HC-CARGO 180110, 180218, 180293, 181485		
	**Voltage:** 12	**Connection:** Screw	**Plug type:** 12N **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female **DIN norm:** 72579 **ISO norm:** 1724

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180218 Trailer Socket	**Servicing:** HC-CARGO 180107, 180108, 180147, 181547		
	**Voltage:** 12	**Connection:** Screw	**Plug type:** 12N **Colour:** Black **Material:** Cast aluminum **No./poles:** 7 **Male/female:** Female **DIN norm:** 72577 **ISO norm:** 1724
180239 Trailer Socket	**Servicing:** HC-CARGO 180238		
w/ changed central contact 7/58L. w/ grey cap.			
	**Voltage:** 12	**Connection:** Screw	**Plug type:** 12S **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female **ISO norm:** 3732
180293 Trailer Socket	**Servicing:** HC-CARGO 180107, 180108, 180147, 181547		
	**Voltage:** 12	**Connection:** Terminal	**Plug type:** 12N **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female **DIN norm:** 72577 **ISO norm:** 1724
180620 Coupling Socket	**Servicing:** HC-CARGO 180239		
w/ changed 7/58L contact.			
	**Voltage:** 12	**Connection:** Cable	**Plug type:** 12S **Colour:** Grey **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female
181485 Trailer Socket	**Servicing:** HC-CARGO 180107, 180108, 180147, 181547		
w/ rear fog light cut-off.			
	**Voltage:** 12	**Connection:** Screw	**Plug type:** 12N **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female **DIN norm:** 72577 **ISO norm:** 1724
181604 Trailer Socket	**Servicing:** HC-CARGO 180107, 180108, 180147, 181547		
Micro and mechanical switch.			
	**Voltage:** 12 **Amp:** 6	**Connection:** Screw	**Plug type:** 12N **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female **DIN norm:** 72577 **ISO norm:** 1724
13 PIN			
180214 Trailer Socket 13-Pol	**Servicing:** HC-CARGO 180212		
Trailer socket kit: HC-CARGO 180405.			
	**Voltage:** 12	**Connection:** Screw	**Colour:** Black **Locking device:** Bayonet **Material:** Nickel plated brass **No./poles:** 13 **Male/female:** Female **DIN norm:** 72570 **ISO norm:** 11446 **Protection degree:** Splash proof

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
181274 Trailer Socket	**Servicing:** HC-CARGO 180212		
w/ micro switch, that switch over the rear fog lamps from car to trailer. Trailer socket kit: HC-CARGO 180405 .			
	**Voltage:** 12	**Connection:** Screw	**Colour:** Black **Locking device:** Bayonet **Material:** Nickel plated brass **No./poles:** 13 **Male/female:** Female **DIN norm:** 72570 **ISO norm:** 11446 **Protection degree:** Splash proof
181576 Coupling Socket			
	**Voltage:** 12	**Connection:** Screw	**Colour:** Black **Material:** Shockproof plastic **No./poles:** 13 **Male/female:** Female **ISO norm:** 11446
13-7 PIN			
180329 Trailer Socket	**Servicing:** HC-CARGO 180330		
w/ micro switch, that switch over the rear fog lamps from car to trailer.			
	**Voltage:** 12	**Connection:** Screw	**Plug type:** Multicon, **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7/13 **Male/female:** Female **ISO norm:** 1724
TRAILER SOCKETS - 24 V			
3 PIN			
180402 Trailer Socket			
	**Voltage:** 6/24	**Connection:** Screw	**Colour:** Black **Material:** Shock thermo plastic **No./poles:** 3 **Male/female:** Female
7 PIN			
180112 Trailer Socket	**Servicing:** HC-CARGO 180296, 180351, 180111, 180154		
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** 24N, Europe **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female **DIN norm:** 72579 **ISO norm:** 1185
180153 Trailer Socket	**Servicing:** HC-CARGO 180296, 180351, 180111, 180154		
	**Voltage:** 24	**Connection:** Screw	**Plug type:** 24N, Europe **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female **DIN norm:** 72579 **ISO norm:** 1185

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180219 Trailer Socket	**Servicing:** HC-CARGO 180296, 180351, 180111, 180154		
	**Voltage:** 24	**Connection:** Screw	**Plug type:** 24N, Europe **Material:** Cast aluminum **No./poles:** 7 **Male/female:** Female **DIN norm:** 72579 **ISO norm:** 1185
180240 Trailer Socket	**Servicing:** HC-CARGO 180568, 180610, 180624		
w/ changed 1/31 contact. w/ grey cap.			
	**Voltage:** 24	**Connection:** Screw	**Plug type:** 24S, Europe **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female **ISO norm:** 3731
180296 Trailer Socket	**Servicing:** HC-CARGO 180112, 180153, 180219, 180607, 180297		
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** 24N, Europe **Material:** Cast aluminum **No./poles:** 7 **Male/female:** Female **DIN norm:** 72579 **ISO norm:** 1185
180351 Trailer Socket	**Servicing:** HC-CARGO 180112, 180153, 180219, 180607, 180297		
16x flat tongue.			
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** 24N, Europe **Material:** Cast aluminum **No./poles:** 7 **Male/female:** Female **DIN norm:** 72579 **ISO norm:** 1185
180568 Trailer Socket	**Servicing:** HC-CARGO 180240, 180569, 180608, 180241		
w/ changed 1/31 contact. w/ grey cap.			
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** 24S, Europe **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female **ISO norm:** 3731
180569 Trailer Socket	**Servicing:** HC-CARGO 180568, 180610, 180624		
w/ changed 1/31 contact. w/ grey cap.			
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** 24S, Europe **Material:** Cast aluminum **No./poles:** 7 **Male/female:** Female **ISO norm:** 3731
180571 EBS Socket			
w/ ejector device for correct plug/socket connection. Incl. pins 3x1.5+2x4 mm².			
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** EBS **No./poles:** 7 **Male/female:** Female **DIN norm:** 74001 **ISO norm:** 7638

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180607 Trailer Socket	**Servicing:** HC-CARGO 180296, 180351, 180111, 180154		
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** 24N, Europe **No./poles:** 7 **Male/female:** Female **DIN norm:** 72579 **ISO norm:** 1185 **Protection degree:** IP 54 **ADR-approved:** Yes
180608 Trailer Socket	**Servicing:** HC-CARGO 180568, 180610, 180624		
w/ changed 1/31 contact. w/ grey cap.			
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** 24S, Europe **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Female **ISO norm:** 3731 **Protection degree:** IP 54 **ADR-approved:** Yes
181470 EBS Socket			
Screw connection w/ wirecolour indication.			
	**Voltage:** 24		**Plug type:** EBS **Locking device:** Metal bracket **No./poles:** 7 **Male/female:** Female **ISO norm:** 7638
181471 EBS Socket			
Screw connection w/wire colour indication. Angled.			
	**Voltage:** 24		**Plug type:** EBS **Locking device:** Bayonet **No./poles:** 7 **ISO norm:** 7638

13 PIN

180253 EBS Socket			
Incl. pins 12x1+1x2.5 mm². Weather proof.			
	**Voltage:** 24		**Plug type:** EBS **No./poles:** 13 **Male/female:** Female **DIN norm:** 74001 **ISO norm:** 12098 **ADR-approved:** Yes **GGVS approval:** Yes

ACCESSORIES

180611 Terminal Coupling	**Servicing:** HC-CARGO 180112, 180569, 180607, 180608, 180241, 180297		
For trailer sockets.			
	**Voltage:** 24		**Plug type:** Europe **Colour:** White **No./poles:** 7 **Male/female:** Multiplug

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

TRAILER SOCKETS - 6/24 V

4 PIN

180404 Trailer Socket



Voltage: 6-24

Connection: Screw

Colour: Black
Material: Shock thermo plastic
No./poles: 4
Male/female: Female
DIN norm: 72575

TRAILER PLUGS - 12 V

3 PIN

180308 Plug



Voltage: 12
Amp: 5/25/25

Connection: Terminal

Colour: Black
Material: Plastic
No./poles: 3
Male/female: Male
DIN norm: 9680

7 PIN

180107 Trailer Plug

Servicing: HC-CARGO 180110, 180218, 180293, 181485



Voltage: 12

Connection: Screw

Plug type: 12N
Material: Cast aluminum
No./poles: 7
Male/female: Male
DIN norm: 72577
ISO norm: 1724

180108 Trailer Plug

Servicing: HC-CARGO 180110, 180218, 180293, 181485



Voltage: 12

Connection: Screw

Plug type: 12N
Colour: Black
Material: Shock thermo plastic
No./poles: 7
Male/female: Male
DIN norm: 72577
ISO norm: 1724

180147 Trailer Plug

Servicing: HC-CARGO 180110, 180218, 180293, 181485



Voltage: 12

Connection: Screw

Plug type: 12N
Mount.: Snap-on
Colour: Black
Material: Shock thermo plastic w/ snap-on session
No./poles: 7
Male/female: Male
DIN norm: 72577
ISO norm: 1724

180238 Trailer Plug

Servicing: HC-CARGO 180239

w/ changed 7/58L contact.



Voltage: 12

Connection: Screw

Plug type: 12S
Colour: Grey
Material: Shock thermo plastic
No./poles: 7
Male/female: Male
ISO norm: 3732

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
181547 Trailer Plug	**Servicing:** HC-CARGO 180110, 180218, 180293, 181485		
w/ rubber grommet for 1 cable. Grommet for 2 cables: HC-CARGO 181581.			
	**Voltage:** 12	**Connection:** Terminal	**Plug type:** 12N **Colour:** Black **Material:** Plastic **No./poles:** 7 **Male/female:** Male **DIN norm:** 72577 **ISO norm:** 1724

13 PIN

180212 Trailer Plug	**Servicing:** HC-CARGO 180214, 181274		
Nickel plated brass pins.			
	**Voltage:** 12	**Connection:** Screw	**Colour:** Black **Locking device:** Bayonet **Material:** Shock thermo plastic **No./poles:** 13 **Male/female:** Male **DIN norm:** 72570 **ISO norm:** 11446 **Protection degree:** Splash proof

13-7 PIN

180330 Trailer Plug	**Servicing:** HC-CARGO 180329		
+ 6 contacts.			
	**Voltage:** 12	**Connection:** Screw	**Plug type:** Multicon **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7-13 **Male/female:** Male **ISO norm:** 1724

TRAILER PLUGS - 24 V

7 PIN

180111 Trailer Plug	**Servicing:** HC-CARGO 180112, 180153, 180219, 180607, 180297		
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** 24N, Europe **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Male **DIN norm:** 72579 **ISO norm:** 1185
180154 Trailer Plug	**Servicing:** HC-CARGO 180112, 180153, 180219, 180607, 180297		
	**Voltage:** 24	**Connection:** Screw	**Plug type:** 24N, Europe **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Male **DIN norm:** 72579 **ISO norm:** 1185
180220 Trailer Plug			
	**Voltage:** 24	**Connection:** Screw	**Plug type:** 24N, Europe **Material:** Cast aluminum **No./poles:** 7 **Male/female:** Male **DIN norm:** 72579 **ISO norm:** 1185

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180241 Trailer Plug	**Servicing:** HC-CARGO 180568, 180610, 180624		
w/ changed 1/31 contact. w/ grey plastic interior.			
	**Voltage:** 24	**Connection:** Screw	**Plug type:** 24S, Europe **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Male **ISO norm:** 3731
180297 Trailer Plug	**Servicing:** HC-CARGO 180296, 180351, 180111, 180154		
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** 24N, Europe **Material:** Cast aluminum **No./poles:** 7 **Male/female:** Male **DIN norm:** 72579 **ISO norm:** 1185
180570 EBS Plug			
Incl. pins 5x1.5+2x4 mm². w/ locking device.			
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** EBS **Locking device:** Metal bracket **No./poles:** 7 **Male/female:** Male **DIN norm:** 40050 **ISO norm:** 7638 **Protection degree:** Waterproof
180610 Trailer Plug	**Servicing:** HC-CARGO 180240, 180569, 180608, 180241		
w/ changed 1/31 contact. w/ grey plastic interior.			
	**Voltage:** 24	**Connection:** Screw	**Plug type:** 24S, Europe **Colour:** Black **Material:** Shock thermo plastic **No./poles:** 7 **Male/female:** Male **ISO norm:** 3731 **Protection degree:** IP 54 **ADR-approved:** Yes
180624 Trailer Plug	**Servicing:** HC-CARGO 180240, 180569, 180608, 180241		
w/ changed 1/31 contact. w/ grey plastic interior.			
	**Voltage:** 24	**Connection:** Screw	**Plug type:** 24S, Europe **Material:** Cast aluminum **No./poles:** 7 **Male/female:** Male **ISO norm:** 3731
181469 EBS Plug			
Screw connection w/ wirecolour indication.			
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** EBS **Locking device:** Metal bracket **No./poles:** 7 **Male/female:** Male **ISO norm:** 7638 **Protection degree:** Waterproof

13 PIN

180252 EBS Plug			
Incl. pins 12x1+1x2.5 mm². Weather proof.			
	**Voltage:** 24	**Connection:** Terminal	**Plug type:** EBS **No./poles:** 13 **Male/female:** Male **DIN norm:** 40050 **ISO norm:** 7638 **ADR-approved:** Yes **GGVS approval:** Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

ACCESSORIES

180612 Terminal Coupling — **Servicing:** HC-CARGO 180296, 180351, 180568, 180111, 180609



Voltage: 24

Plug type: Europe
Colour: Red
No./poles: 7

TRAILER PLUGS - 6/24 V

3 PIN

180401 Plug



Voltage: 6-24

Connection: Screw

Colour: Black
Material: Shock thermo plastic
No./poles: 3
Male/female: Male
DIN norm: 9680

4 PIN

180403 Plug



Voltage: 6-24

Connection: Screw

Colour: Black
Material: Shock thermo plastic
No./poles: 4
Male/female: Male
DIN norm: 72575

VOLTAGE CONVERTERS

160899 Adaptor

Max. output 220 W. 7-13 pole.



Voltage/in: 24
Voltage/out: 12
Watt/out: 6x70

Type: Switch mode

160900 Trailer Light Converter Adapter

Max. output 220 W. 7-7 pole.



Voltage/in: 24
Voltage/out: 12
Watt/out: 6x70

Type: Switch mode

CABLE KITS 12 V

7 PIN

180001 Trailer Cable Kit



Voltage: 12

Length: 1.4 m

Cable type: Single core w/ flex
Socket type: 12N
Fixing materials: Yes
No./poles: 7
Gasket: Yes
DIN norm: 72577
ISO norm: 1724

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180144 Trailer Cable Kit			
	**Voltage:** 12	**Length:** 1.4 m	**Cable type:** Multi core **Socket type:** 12N **Fixing materials:** Yes **No./poles:** 7 **Gasket:** Yes **Male/female:** Male **DIN norm:** 72577 **ISO norm:** 1724
180248 Trailer Cable Kit			
	**Voltage:** 12	**Length:** 2 m	**Cable type:** Multi core **Socket type:** 12N **Fixing materials:** Yes **No./poles:** 7 **Gasket:** Yes **Male/female:** Male **DIN norm:** 72577 **ISO norm:** 1724
13 PIN			
180405 Trailer Cable Kit	**Servicing:** HC-CARGO 180214		
w/ rubber gasket.			
	**Voltage:** 12	**Length:** 1.8 m	**Cable type:** Multi core **Fixing materials:** Yes **No./poles:** 13 **Gasket:** Yes **DIN norm:** 72570 **ISO norm:** 4091
TRAILER COILS 24 V			
2 PIN			
181489 Trailer Coil			
	**Voltage:** 24	**Cable dim.:** 2x35 mm² **Working length:** 4 m	**Plug type:** Nato plug, Nato plug **Colour:** Red/black **Material:** Polyurethan **Windings:** 35 **Plug 1:** 2 **Plug 2:** 2
TRAILER COILS 12 V			
13 PIN			
181600 Trailer coil w/ 2x13 pin plugs			
Max extension length: 4.5 m.			
	**Voltage:** 12	**Working length:** 3 m	**Windings:** 17 **Plug 1:** 13 **Plug 2:** 13 **ISO norm:** 11446
7 PIN			
180225 Trailer Coil			
	**Voltage:** 12	**Cable dim.:** 6x1+1x1.5 mm² **Working length:** 3.5 m	**Plug type:** 12N, 24N, Europe **Colour:** Black **Material:** Polyurethan **Windings:** 42 **Plug 1:** 7 **Plug 2:** 7 **ISO norm:** 1724

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180372 Trailer Coil			
	**Voltage:** 12	**Cable dim.:** 6x1+1x1.5 mm² **Working length:** 3.5 m	**Plug type:** 12N, 12N **Colour:** Black **Material:** Polyurethan **Windings:** 42 **Plug 1:** 7 **Plug 2:** 7 **ISO norm:** 1724
180613 Trailer Coil			
	**Voltage:** 12	**Cable dim.:** 6x1+1x1.5 mm² **Working length:** 1.5 m	**Plug type:** 12N, 12N **Colour:** Black **Material:** Polyurethan **Windings:** 15 **Plug 1:** 7 **Plug 2:** 7 **ISO norm:** 1724
181544 Extension Cable Coil			
	**Voltage:** 12	**Cable dim.:** 6x1.5+1x2 mm² **Working length:** 3.5 m	**Plug type:** 12N, Europe, 12N, Europe **Mount.:** Screw **Colour:** Black **Material:** Shock thermo plastic **Windings:** 42 **Plug 1:** 7 **Plug 2:** 7 **DIN norm:** 72577 **ISO norm:** 1724

ACCESSORIES

180245 ABS Sealing Kit			
			**Socket type:** ABS **No./poles:** 7
181581 Rubber Bushing	**Servicing:** HC-CARGO 181547		
w/ 2 outlets.			
		**OD:** 6.5 mm	
181583 Mounting Bracket	**Servicing:** HC-CARGO 180110, 180218, 180239, 180293, 181485		
For trailer socket.			
		**ID:** 40 mm **OD:** 80 mm **Dist. mount. holes:** 20 mm **Mount hole:** 12 mm	**No./mounting holes:** 2 (0)
181612 Rubber Gasket	**Servicing:** HC-CARGO 180110, 180218, 180239, 180293, 181485		
			**Colour:** Black **Material:** EPDM rubber

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
181623 Cable w/ connector 2P 2m	**Servicing:** HC-CARGO 181617		
	**Voltage:** 12	**Cable dim.:** 2x1 mm² **Length:** 2 m	**Plug type:** 2 pin Power Seal **Plug:** 2
181624 Cable w/ connector 2P 3.56m	**Servicing:** HC-CARGO 181617		
	**Voltage:** 12	**Cable dim.:** 2x1 mm² **Length:** 3.56 m	**Plug type:** 2 pin Power Seal **Plug:** 2
181625 Cable w/ connector 4P 2.3 m	**Servicing:** HC-CARGO 181617		
	**Voltage:** 12	**Cable dim.:** 4x1 mm² **Length:** 2.3 m	**Plug type:** 4 pin Power Seal **Plug:** 4
181626 Cable w/ connector 4P 4.06 m	**Servicing:** HC-CARGO 181617		
	**Voltage:** 12	**Cable dim.:** 4X1 mm² **Length:** 4.06 m	**Plug type:** 4 pin Power Seal **Plug:** 4
181627 Bayonet connector	**Servicing:** HC-CARGO 181617		
	**Voltage:** 12	**Cable dim.:** 8x1.5-2.5 mm²	**Mount.:** Terminal **Locking device:** Bayonet **No./poles:** 8 **DIN norm:** 72580
181628 Rubber Gasket	**Servicing:** HC-CARGO 180110, 180218, 180239, 180293, 181485		
			**Colour:** Black **Material:** EPDM rubber

TRAILER COILS 24 V

7 PIN

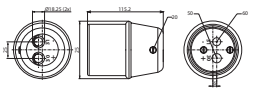
180194 Trailer Coil			
	**Voltage:** 24	**Cable dim.:** 6x1+1x1.5 mm² **Working length:** 3.5 m	**Plug type:** 12N, 24N, Europe **Colour:** Black **Material:** Nylon **Windings:** 20 **Plug 1:** 7 **Plug 2:** 7 **ISO norm:** 1185 **ISO norm 2:** 1724

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180195 Trailer Coil *Aluminium plug.* 	**Voltage:** 24	**Cable dim.:** 6x1+1x1.5 mm² **Working length:** 3.5 m	**Plug type:** 24N, Europe, 24N, Europe **Colour:** Black **Material:** Nylon **Windings:** 20 **Plug 1:** 7 **Plug 2:** 7 **DIN norm:** 72579 **ISO norm:** 1185
180196 Trailer Coil 	**Voltage:** 24	**Cable dim.:** 6x1+1x1.5 mm² **Working length:** 3.5 m	**Plug type:** 24N, Europe, 24N, Europe **Colour:** Black **Material:** Nylon **Windings:** 20 **Plug 1:** 7 **Plug 2:** 7 **DIN norm:** 72579 **ISO norm:** 1185
180226 Trailer Coil 	**Voltage:** 24	**Cable dim.:** 6x1+1x1.5 mm² **Working length:** 3.5 m	**Plug type:** 24N, Europe, 24N, Europe **Colour:** Black **Material:** Polyurethan **Windings:** 42 **Plug 1:** 7 **Plug 2:** 7 **ISO norm:** 1185
180227 Trailer Coil *Aluminium plug.* 	**Voltage:** 24	**Cable dim.:** 6x1+1x1.5 mm² **Working length:** 3.5 m	**Plug type:** 24N, Europe, 24N, Europe **Colour:** Black **Material:** Polyurethan **Windings:** 42 **Plug 1:** 7 **Plug 2:** 7 **ISO norm:** 1185
180228 Trailer Coil 	**Voltage:** 24	**Cable dim.:** 6x1+1x1.5 mm² **Working length:** 3.5 m	**Plug type:** 24N, Europe, 24N, Europe **Mount.:** Moulded **Colour:** Black **Material:** Polyurethan **Windings:** 42 **Plug 1:** 7 **Plug 2:** 7 **ISO norm:** 1185
180316 Trailer Coil 	**Voltage:** 24	**Cable dim.:** 6x1+1x1.5 mm² **Working length:** 3.5 m	**Plug type:** 24S, Europe, 24S, Europe **Colour:** Black **Material:** Polyurethan **Windings:** 42 **Plug 1:** 7 **Plug 2:** 7 **ISO norm:** 3731
180572 Trailer Coil 	**Voltage:** 24	**Cable dim.:** 2x4+5x1.5 mm² **Working length:** 4 m	**Plug type:** EBS, EBS **Material:** Polyurethan **Plug 1:** 7 **Plug 2:** 7 **DIN norm:** 74001 **ISO norm:** 7638

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

NATO CABLE CONNECTORS

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180197 Nato Socket			
Terminal: HC-CARGO 180560.			
	**Voltage:** 24 **Amp:** 200	**Dim.:** 35-50 mm² **Dist. mount. holes:** 82.5/47.6 mm **Connection:** Solder/crimp	**No./mounting holes:** 4 **No./poles:** 2 **Male/female:** Female **Approvals:** VG 96917
180198 Nato Plug	**Servicing:** HC-CARGO 193002		
	**Voltage:** 24 **Amp:** 200	**Dim.:** 50 mm² **Connection:** Solder/crimp	**No./poles:** 2 **Male/female:** Male **Approvals:** VG 96917
180325 Nato Plug			
w/ screw device.			
	**Voltage:** 24 **Amp:** 200	**Dim.:** 50 mm² **Connection:** Solder/crimp	**Material:** Metal/Rubber **No./poles:** 2 **Male/female:** Male
180349 Nato Socket			
	**Voltage:** 24 **Amp:** 250	**Dim.:** 70 mm² **Dist. mount. holes:** 85/60 mm **Connection:** 10 mm ring terminals	**No./mounting holes:** 4 **No./poles:** 2 **Male/female:** Female
180350 Nato Plug			
 	**Voltage:** 24 **Amp:** 250	**Dim.:** 70 mm² **Connection:** Soldering	**No./poles:** 2 **Male/female:** Male
181563 Nato Plug	**Servicing:** HC-CARGO 180197		
	**Voltage:** 24 **Amp:** 200	**Dim.:** 50 mm² **Connection:** Solder/crimp	**No./poles:** 2 **Male/female:** Male
181611 Nato Plug	**Servicing:** HC-CARGO 180197		
Terminal: HC-CARGO 180561.			
	**Voltage:** 24 **Amp:** Max 300	**Dim.:** 35 mm² **Connection:** Solder/crimp	**Material:** Aluminium **No./poles:** 2 **Male/female:** Male **Approvals:** VG 96917

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
181630 Nato Socket *Terminal: HC-CARGO 180560.* 	**Voltage:** 24	**Dim.:** 35-50 mm²	**Colour:** Yellow/black **No./mounting holes:** 4 **No./poles:** 2 **Male/female:** Female **Approvals:** VG 96917
193002 Nato Socket 2-pin *Terminal: HC-CARGO 180561.* 	**Servicing:** HC-CARGO 180198 **Voltage:** 24	**Dim.:** 35 mm² **ID/mount. hole:** 6 mm **Dist. mount. holes:** 82x49 mm **Connection:** Soldering	**Colour:** Black **Material:** Plastic **No./mounting holes:** 4 **No./poles:** 2 **Cap:** w/ **Male/female:** Female **Approvals:** VG 96917

SPARE PARTS

180560 Terminal *Long.* 	**Servicing:** HC-CARGO 180197, 181630	**Plug length:** 67.2 mm **Cable size:** 35-50 mm²	**Gender:** Female
180561 Terminal 	**Servicing:** HC-CARGO 181611	**Plug length:** 42 mm **Cable size:** 35 mm²	**Gender:** Male
181670 Terminal 	**Servicing:** HC-CARGO 180198, 180325, 181563	**Plug length:** 42 mm **Cable size:** 50 mm²	**Gender:** Male

ACCESSORIES

180199 Nato Coupling 	**Voltage:** 24 **Amp:** 200	**Dim.:** 35-50 mm²	**No./poles:** 2 **Approvals:** VG 96917
181671 Rubber Gasket 	**Servicing:** HC-CARGO 180197, 181630, 193002		**Colour:** Black **Material:** EPDM rubber

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

CIRCUIT BREAKERS

ATO BLADE FUSE TYPE



HC-CARGO	Ampere	Voltage	Type	
192936	5	0-28	ATO	*Manual reset.*
192937	7.5	0-28	ATO	*Manual reset.*
192938	10	0-28	ATO	*Manual reset.*
192939	15	0-28	ATO	*Manual reset.*
192940	20	0-28	ATO	*Manual reset.*
192941	25	0-28	ATO	*Manual reset.*

PANEL MOUNT TYPE

192959 Circuit Breaker — **Servicing:** Motors, transformers, battery chargers, machinery, extra low voltage systems

Circuit breaker w/ thread neck for panel mounting. Mounting hole 9.6 mm.



Voltage: Multi
Amp: 5
Length: 79.4 mm
Type: Thermo contact
Plug type: Flat

192960 Circuit Breaker — **Servicing:** Motors, transformers, battery chargers, machinery, extra low voltage systems

Circuit breaker w/ thread neck for panel mounting. Mounting hole 9.6 mm.



Voltage: Multi
Amp: 7
Length: 79.4 mm
Type: Thermo contact
Plug type: Flat

192961 Circuit Breaker — **Servicing:** Motors, transformers, battery chargers, machinery, extra low voltage systems

Circuit breaker w/ thread neck for panel mounting. Mounting hole 9.6 mm.



Voltage: Multi
Amp: 10
Length: 79.4 mm
Type: Thermo contact
Plug type: Flat

192962 Circuit Breaker — **Servicing:** Motors, transformers, battery chargers, machinery, extra low voltage systems

Circuit breaker w/ thread neck for panel mounting. Mounting hole 9.6 mm.



Voltage: Multi
Amp: 15
Length: 79.4 mm
Type: Thermo contact
Plug type: Flat

192963 Circuit Breaker — **Servicing:** Motors, transformers, battery chargers, machinery, extra low voltage systems

Circuit breaker w/ thread neck for panel mounting. Mounting hole 9.6 mm.



Voltage: Multi
Amp: 20
Length: 79.4 mm
Type: Thermo contact
Plug type: Flat

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
192964 Circuit Breaker	**Servicing:** Motors, transformers, battery chargers, machinery, extra low voltage systems		
Circuit breaker w/ thread neck for panel mounting. Mounting hole 9.6 mm.			
	**Voltage:** Multi **Amp:** 25	**Length:** 79.4 mm	**Type:** Thermo contact **Plug type:** Flat

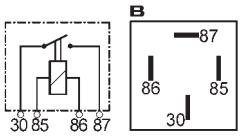
ACCESSORIES

192965 Splash Proof Cover	**Servicing:** HC-CARGO 192959, 192964		
			**Colour:** Black
192972 Blue Cover	**Servicing:** HC-CARGO 192966, 192971		
For circiut breaker.			
			**Colour:** Blue
192973 Black Cover	**Servicing:** HC-CARGO 192966, 192971		
For circiut breaker.			
			**Colour:** Black
192974 Green Cover	**Servicing:** HC-CARGO 192966, 192971		
For circiut breaker.			
			**Colour:** Green

RELAYS

WORK RELAYS

MINI - 6 V

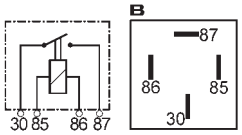
160652 Mini Relay			
 	**Voltage:** 6 **Amp:** 20		**Terminals:** 4 **Bracket:** w/

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

MINI - 12 V

160080 Mini Relay





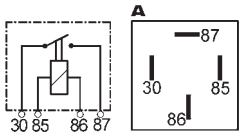
Voltage: 12
Amp: 30

Terminals: 4
Bracket: w/

160083 Mini Relay

Servicing: BMW



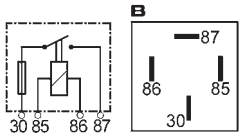


Voltage: 12
Amp: 30

Terminals: 4
Bracket: w/

160155 Mini Relay



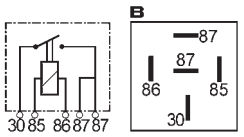


Voltage: 12
Amp: 15

Type/fuse: ATO
Terminals: 4
Bracket: w/
Yes

160265 Mini Relay





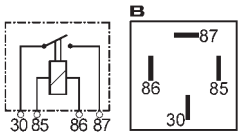
Voltage: 12
Amp: 30

Terminals: 5
Bracket: w/

160282 Mini Relay

Servicing: 1403010, S115HD24-2, ZGS002, ZGS003, Kia



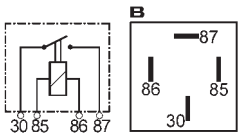


Voltage: 12
Amp: 40

Terminals: 4
Bracket: w/o

160311 Mini Relay



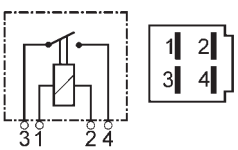


Voltage: 12
Amp: 40

Terminals: 4
Bracket: w/

160480 Mini Relay

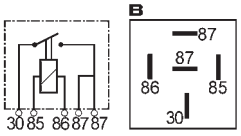
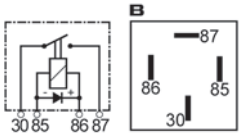
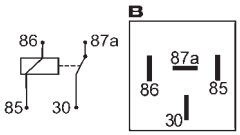
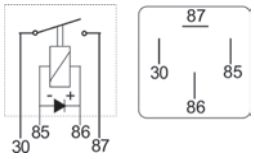
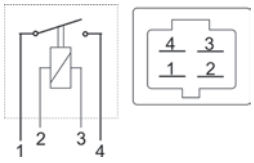
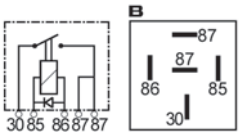




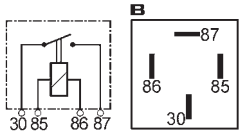
Voltage: 12
Amp: 30

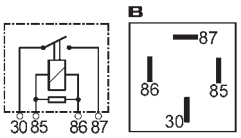
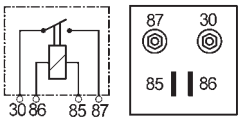
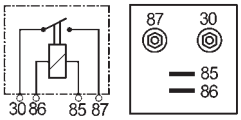
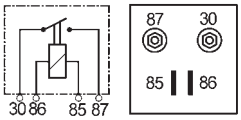
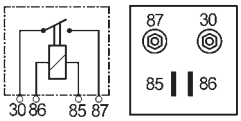
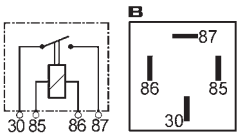
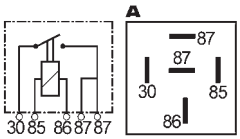
Terminals: 4
Bracket: w/

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160903 Mini Relay			
 	**Voltage:** 12 **Amp:** 40		**Terminals:** 5 **Bracket:** w/
160929 Mini Relay			
 	**Voltage:** 12 **Amp:** 40		**Terminals:** 4 **Bracket:** w/ **Diode:** w/
160945 Mini Relay			
 	**Voltage:** 12 **Amp:** 20		**Terminals:** 4 **Bracket:** w/
160982 Mini Relay			
 	**Voltage:** 12 **Amp:** 40		**Terminals:** 4 **Bracket:** w/ **Diode:** w/
160983 Mini Relay			
 	**Voltage:** 12 **Amp:** 30		**Type:** Japanese **Terminals:** 4 **Bracket:** w/
161009 Mini Relay			
 	**Voltage:** 12 **Amp:** 40		**Terminals:** 5 **Bracket:** w/ **Diode:** w/

MINI - 12 V HIGH PERFORMANCE

160239 Mini Relay			
w/ two 6.3 mm and two 9.5 mm terminals. (terminals 30 and 87).			
 	**Voltage:** 12 **Amp:** 70		**Type:** High performance **Terminals:** 4 **Bracket:** w/

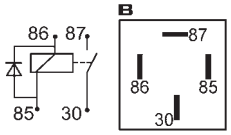
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160468 Mini Relay *w/ two 6.3 mm and two 9.5 mm terminals. (terminals 30 and 87).*  	**Voltage:** 12 **Amp:** 70		**Type:** High performance **Terminals:** 4 **Bracket:** w/o **Resistor:** w/
160477 Mini Relay *180 A for 15 sec. w/ 2x6.3 mm screws and 2xM6 flat plugs.*  	**Voltage:** 12 **Amp:** 100		**Type:** High performance **Terminals:** 4 **Bracket:** w/
160720 Mini Relay  	**Voltage:** 12 **Amp:** 120		**Type:** High performance **Terminals:** 4 **Bracket:** w/
160922 Mini Relay  	**Voltage:** 12 **Amp:** 140		**Type:** High performance **Terminals:** 4 **Bracket:** w/
160923 Mini Relay  	**Voltage:** 12 **Amp:** 200		**Type:** High performance **Terminals:** 4 **Bracket:** w/
160931 Mini Relay *Terminal 85+86=6.3 mm. Terminal 87+30=8 mm.*  	**Voltage:** 12 **Amp:** 50		**Type:** High performance **Terminals:** 4 **Bracket:** w/
160940 Mini Relay *w/ double output.*  	**Voltage:** 12 **Amp:** 40		**Type:** High performance **Terminals:** 5 **Bracket:** w/

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160941 Mini Relay



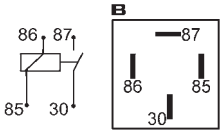


Voltage: 12
Amp: 70

Type: High performance
Terminals: 4
Bracket: w/
Diode: w/

160946 Mini Relay





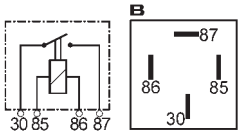
Voltage: 12
Amp: 100

Type: High performance
Terminals: 4
Bracket: w/o

MINI - 24 V

160082 Mini Relay



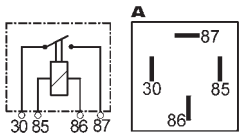


Voltage: 24
Amp: 20

Terminals: 4
Bracket: w/o

160215 Mini Relay



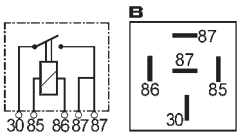


Voltage: 24
Amp: 20

Terminals: 4
Bracket: w/

160266 Mini Relay



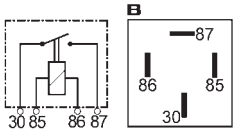


Voltage: 24
Amp: 20

Terminals: 5
Bracket: w/

160307 Mini Relay



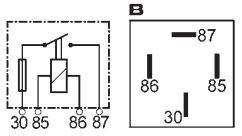


Voltage: 24
Amp: 20

Terminals: 4
Bracket: w/o

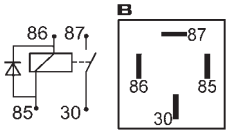
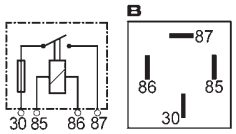
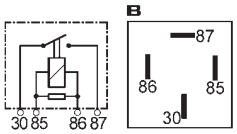
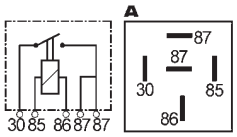
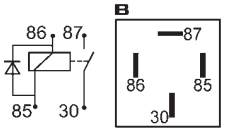
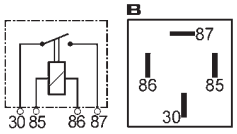
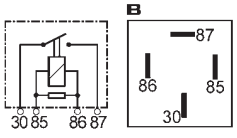
160473 Mini Relay





Voltage: 24
Amp: 30

Type/fuse: ATO
Terminals: 4
Bracket: w/
Yes

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160890 Mini Relay			
 	**Voltage:** 24 **Amp:** 20		**Terminals:** 4 **Bracket:** w/ **Diode:** w/
160926 Mini Relay			
 	**Voltage:** 24 **Amp:** 15		**Type/fuse:** ATO **Terminals:** 4 **Bracket:** w/ Yes
160935 Mini Relay			
 	**Voltage:** 24 **Amp:** 22		**Terminals:** 4 **Bracket:** w/ **Resistor:** w/
160936 Mini Relay			
w/ double output.			
 	**Voltage:** 24 **Amp:** 22		**Terminals:** 5 **Bracket:** w/
160947 Mini Relay			
 	**Voltage:** 24 **Amp:** 30		**Terminals:** 4 **Bracket:** w/ **Diode:** w/
MINI - 24 V HIGH PERFORMANCE			
160240 Mini Relay			
w/ two 6.3 mm and two 9.5 mm terminals. (terminals 30 and 87).			
 	**Voltage:** 24 **Amp:** 40		**Type:** High performance **Terminals:** 4 **Bracket:** w/o
160272 Mini Relay			
w/ two 6.3 mm and two 9.5 mm terminals. (terminals 30 and 87).			
 	**Voltage:** 24 **Amp:** 70		**Type:** High performance **Terminals:** 4 **Bracket:** w/o **Resistor:** w/

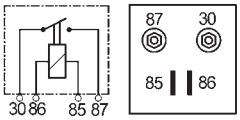
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160478 Mini Relay

180 A for 15 sec. w/ 2x6.3 mm screws and 2xM6 flat plugs.



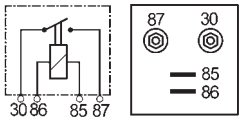


Voltage: 24
Amp: 60

Type: High performance
Terminals: 4
Bracket: w/

160721 Mini Relay





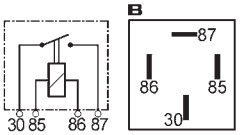
Voltage: 24
Amp: 100

Type: High performance
Terminals: 4
Bracket: w/

160769 Mini Relay

w/ two 6.3 mm and two 9.5 mm terminals. (terminals 30 and 87).



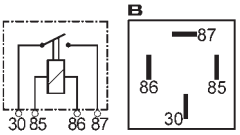


Voltage: 24
Amp: 70

Type: High performance
Terminals: 4
Bracket: w/o

160937 Mini Relay



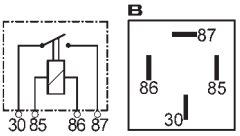


Voltage: 24
Amp: 40

Type: High performance
Terminals: 4
Bracket: w/

160975 Mini Relay



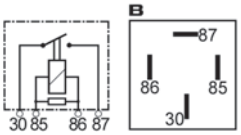


Voltage: 24
Amp: 70

Type: High performance
Terminals: 4
Bracket: w/

160977 Mini Relay



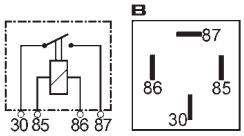


Voltage: 24
Amp: 50

Type: High performance
Terminals: 4
Bracket: w/
Resistor: w/

160978 Mini Relay





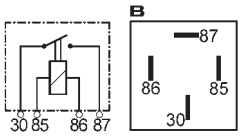
Voltage: 24
Amp: 40

Type: High performance
Terminals: 4
Bracket: w/o

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160979 Mini Relay





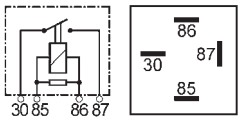
Voltage: 24
Amp: 30

Type: High performance
Terminals: 4
Bracket: w/

161035 Mini Relay

Servicing: Scania





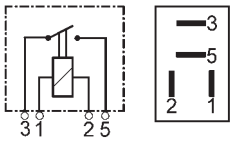
Voltage: 24
Amp: 70

Type: High performance
Terminals: 4
Bracket: w/
Resistor: w/

MICRO

160363 Micro Relay



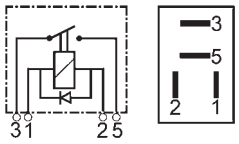


Voltage: 12
Amp: 30

Terminals: 4
Bracket: w/o

160364 Micro Relay



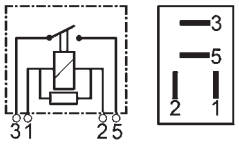


Voltage: 12
Amp: 25

Terminals: 4
Bracket: w/o
Diode: w/

160918 Micro Relay





Voltage: 12
Amp: 25

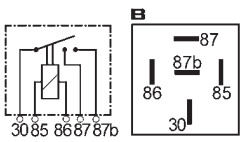
Terminals: 4
Bracket: w/o
Resistor: w/

DOUBLE CONTACT

160168 Relay

Servicing: Mercedes-Benz

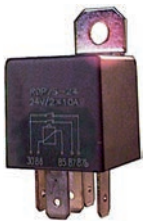


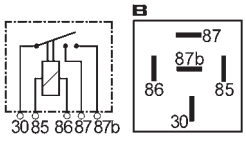


Voltage: 12
Amp: 2x20

Terminals: 5
Bracket: w/

160169 Relay

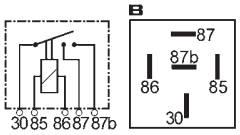
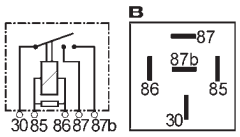
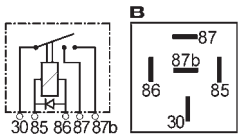
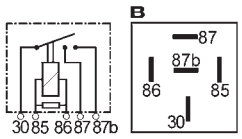
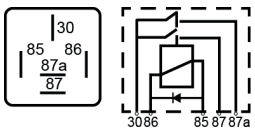
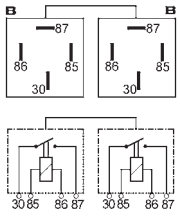
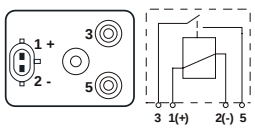




Voltage: 24
Amp: 2x10

Terminals: 5
Bracket: w/

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

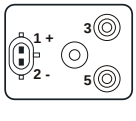
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160902 Relay			
 	**Voltage:** 12 **Amp:** 2x15		**Terminals:** 5 **Bracket:** w/
160933 Mini Relay			
 	**Voltage:** 12 **Amp:** 2x20		**Terminals:** 5 **Bracket:** w/ **Resistor:** w/
160934 Mini Relay			
 	**Voltage:** 12 **Amp:** 2x20		**Terminals:** 5 **Bracket:** w/ **Diode:** w/
160938 Relay *w/ double contact.*			
 	**Voltage:** 24 **Amp:** 2x10		**Terminals:** 5 **Bracket:** w/ **Resistor:** w/
160939 Relay			
 	**Voltage:** 24 **Amp:** 2x10		**Terminals:** 5 **Bracket:** w/ **Diode:** w/
TWIN			
160267 Twin Relay	**Servicing:** VW		
 	**Voltage:** 12 **Amp:** 2x40		**Terminals:** 2x4 **Bracket:** w/
HIGH PERFORMANCE 12 V			
160984 Relay			
 	**Voltage:** 12 **Amp:** 300		**Type:** High performance **Terminals:** 3 **Bracket:** w/

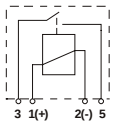
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

HIGH PERFORMANCE 24 V

160985 Relay



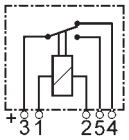
Voltage: 24
Amp: 200

Type: High performance
Terminals: 3
Bracket: w/

CHANGE OVER - 12 V

MICRO

160365 Micro Relay

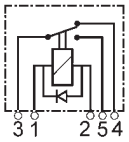





Voltage: 12
Amp: 20/10

Type: Change Over
Terminals: 5
Bracket: w/o

160366 Micro Relay

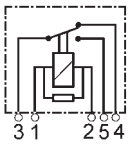





Voltage: 12
Amp: 15/25

Type: Change Over
Terminals: 5
Bracket: w/o
Diode: w/

160367 Micro Relay

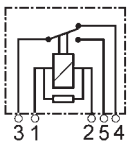





Voltage: 12
Amp: 15/25

Type: Change Over
Terminals: 5
Bracket: w/o
Resistor: w/

160919 Micro Relay

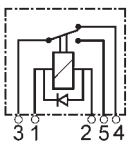



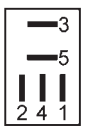


Voltage: 12
Amp: 20/10

Terminals: 5
Bracket: w/o
Resistor: w/

160920 Micro Relay

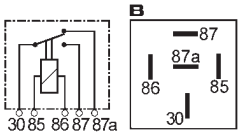





Voltage: 12
Amp: 20/10

Terminals: 5
Bracket: w/o
Diode: w/

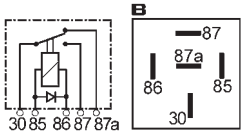
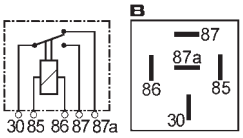
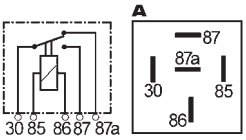
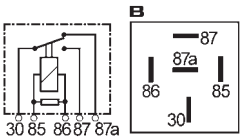
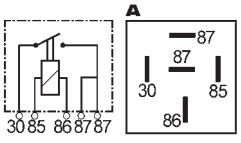
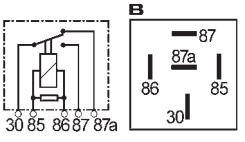
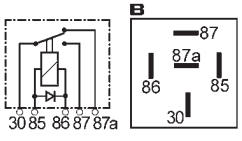
160081 Relay

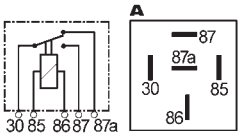
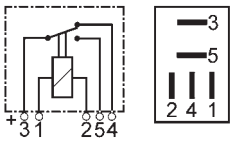
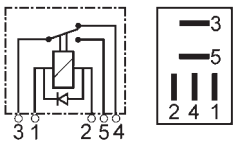
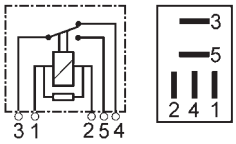
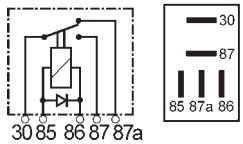
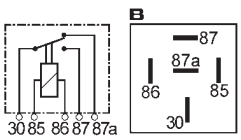
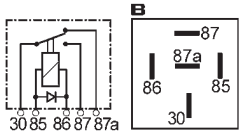



Voltage: 12
Amp: 20/30

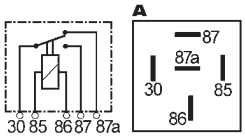
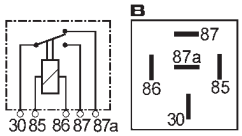
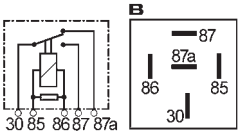
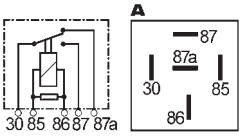
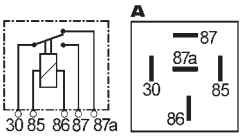
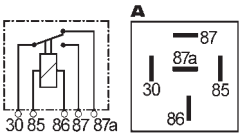
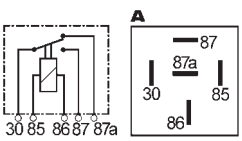
Type: Change Over
Terminals: 5
Bracket: w/

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160270 Relay			
 	**Voltage:** 12 **Amp:** 20/30		**Type:** Change Over **Terminals:** 5 **Bracket:** w/ **Diode:** w/
160308 Relay			
 	**Voltage:** 12 **Amp:** 40/15		**Type:** Change Over **Terminals:** 5 **Bracket:** w/o
160316 Relay			
 	**Voltage:** 12 **Amp:** 40/15		**Type:** Change Over **Terminals:** 5 **Bracket:** w/
160403 Relay			
 	**Voltage:** 12 **Amp:** 40/15		**Type:** Change Over **Terminals:** 5 **Bracket:** w/ **Resistor:** w/
160921 Relay			
 	**Voltage:** 12 **Amp:** 40/15		**Plug type:** Flat **Terminals:** 5 **Bracket:** w/
160932 Relay			
 	**Voltage:** 12 **Amp:** 40/15		**Type:** Change Over **Terminals:** 5 **Bracket:** w/ **Resistor:** w/
160942 Relay			
 	**Voltage:** 12 **Amp:** 40/15		**Type:** Change Over **Terminals:** 5 **Bracket:** w/ **Diode:** w/

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160974 Relay			
 	**Voltage:** 12 **Amp:** 40/70		**Type:** Change Over **Terminals:** 2x6.3 mm, 3x9.5 mm **Bracket:** w/
CHANGE OVER - 24 V			
MICRO			
160368 Micro Relay			
 	**Voltage:** 24 **Amp:** 5/10		**Type:** Change Over **Terminals:** 5 **Bracket:** w/o
160521 Micro Relay			
 	**Voltage:** 24 **Amp:** 5/10		**Type:** Change Over **Terminals:** 5 **Bracket:** w/o **Diode:** w/
161010 Micro Relay			
	**Voltage:** 24 **Amp:** 5/10		**Type:** Change Over **Terminals:** 5 **Bracket:** w/o **Resistor:** w/
161020 Micro Relay			
 	**Voltage:** 24 **Amp:** 10/15		**Type:** Change Over **Terminals:** 5 **Bracket:** w/o **Diode:** w/
160216 Relay			
 	**Voltage:** 24 **Amp:** 20/10		**Type:** Change Over **Terminals:** 5 **Bracket:** w/
160271 Relay			
 	**Voltage:** 24 **Amp:** 20/10		**Type:** Change Over **Terminals:** 5 **Bracket:** w/ **Diode:** w/

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160317 Relay			
 	**Voltage:** 24 **Amp:** 20/10		**Type:** Change Over **Terminals:** 5 **Bracket:** w/
160337 Relay			
 	**Voltage:** 24 **Amp:** 10/22		**Type:** Change Over **Terminals:** 5 **Bracket:** w/o
160394 Relay	**Servicing:** Mercedes, Iveco, Audi		
 	**Voltage:** 24 **Amp:** 40/60		**Type:** Change Over **Terminals:** 5 **Bracket:** w/o **Resistor:** w/
160944 Relay			
 	**Voltage:** 24 **Amp:** 10/20		**Type:** Change Over **Terminals:** 5 **Bracket:** w/o **Resistor:** w/
160976 Relay			
 	**Voltage:** 24 **Amp:** 30/50		**Type:** Change Over **Terminals:** 2x6.3 mm, 3x9.5 mm **Bracket:** w/o
160980 Relay			
 	**Voltage:** 24 **Amp:** 30/40		**Type:** Change Over **Terminals:** 5 **Bracket:** w/
160981 Relay			
 	**Voltage:** 24 **Amp:** 10/20		**Type:** Change Over **Terminals:** 5 **Bracket:** w/

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

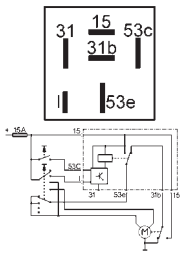
TIME DELAY - 12 V

160297 Time Delay Relay

Servicing: Alfa Romeo, Opel, Audi, VW, Renault, Citroen, Peugeot, Volvo, Seat, Saab, Porsche, Skoda, Ford, Vauxhall, Alfa Romeo

For windshield wiper and washer. Also for universal use.





Voltage: 12
Amp: 15

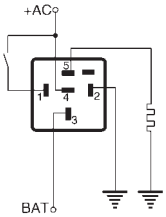
Delay time: 3.5 sec.

Terminals: 6
Bracket: w/o

160570 Relay Time Delay

Servicing: Universal





Voltage: 12
Amp: 20

Delay time: 10 min.

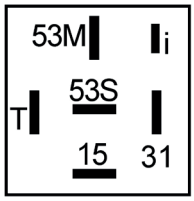
Terminals: 5
Bracket: w/o

160749 Relay

Servicing: Audi, VW

Washing/wiper unit w/ changeable intervals.





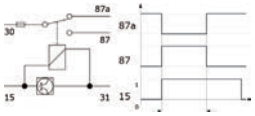
Voltage: 12
Amp: 30

Delay time: 0.5 sec

Terminals: 6
Bracket: w/o

160992 Time Delay Relay





Voltage: 12
Amp: 20

Delay time: 3.5 sec

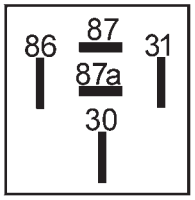
Type: Delay off
Terminals: 5
Bracket: w/

TIME DELAY - 24 V

160466 Time Delay Relay

For A/C compressor, bus doors and time delayed motors.





Voltage: 24
Amp: 5

Delay time: 4 sec

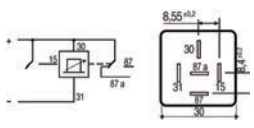
Terminals: 5
Bracket: w/o

MULTITIMER

160927 Multitimer Relay

0.5 sec.-6 hours.





Voltage: 12
Amp: 10

Terminals: 5
Bracket: w/o

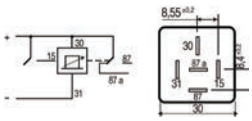
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160928 Multitimer Relay

0.5 sec.-6 hours.





Voltage: 24
Amp: 10

Terminals: 5
Bracket: w/o

161008 Multitimer Relay

0.5 sec.-10 hours.





Voltage: 12
Amp: 10

Terminals: 5
Bracket: w/o

MULTI PLUGS

190766 Relay Multiplug

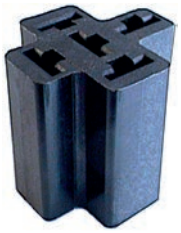
Sockets can be built together. 5x6.3 mm flat plug terminals. 4x2.8 mm flat plug terminals.



Type: Socket
No./poles: 9
Plug: Female

190767 Relay Multiplug

6.3 mm.



Type: Socket
Type/terminal: Flat
No./poles: 5

191026 Relay Multiplug

Sockets can be built together. 2x9.5 mm flat plug terminals. 3x6.3 mm flat plug terminals. 4x2.8 mm flat plug terminals.



Type: Socket
No./poles: 9

191752 Relay Multiplug

Sockets can be built together. 2x6.3 mm flat plug terminals. 3x4.7 mm flat plug terminals.



Type: Socket
No./poles: 5

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

KITS

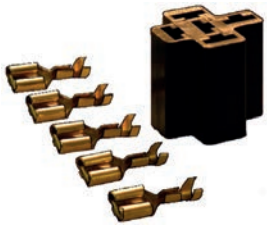
192158 Relay Multiplug Kit

Contents: 1x HC-CARGO 190766, 5x HC-CARGO 190252, 4x HC-CARGO 191083.



192159 Relay Multiplug Kit

Content: 1x HC-CARGO 190767, 5x HC-CARGO 190252.



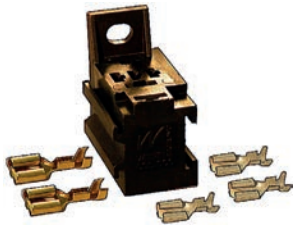
192160 Relay Multiplug Kit

Contents: 1x HC-CARGO 191026, 2x HC-CARGO 191025, 3x HC-CARGO190252, 4x HC-CARGO 191083.



192161 Relay Multiplug Kit

Content: 1x HC-CARGO 191752, 2x HC-CARGO 190252, 3x HC-CARGO 191089.



TRAILER SWITCH BOXES

160167 Relay Box — **Servicing:** For 12 V trailer pulled by a 24 V vehicle

Switches the voltage from 24 V to 12 V by 5 relays. Run at 24 V and leading 12 V from one of the batteries or converter to the lamps of the trailer. For continous use it has to be connected via a converter. For internal mounting.



Voltage: 12/24
Amp: 10
Watt: 250

Dim.: 100x100x58 mm

No./poles: 7
Relay switch: Yes

160797 Relay Box

To reduce voltage drop, if you use vehicles w/ trailer. Fitted w/ 5x12 V relays the 12 V function will not be affected.



Voltage: 12/12
Amp: 5x8
Watt: 5x250

Dim.: 100x100x58 mm

No./poles: 7
Relay switch: Yes

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

BOXES

191410 Relay Box

Can be assambled in rows (terminals: HC-CARGO 190252 or 191029).



Capacity: 4
Assembling: Yes

Regulator type: Standard
Colour: Transparent
Terminals: w/
Lock: w/

191818 Relay Box

Can be assambled in rows (terminals: HC-CARGO 190252 or 191029).



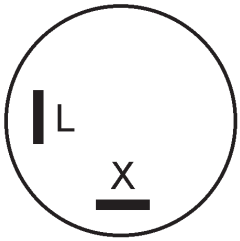
Capacity: 7
Assembling: Yes

Regulator type: Micro
Colour: Transparent
Terminals: w/
Lock: w/

FLASHER UNITS - 12 V

160115 Flasher Unit



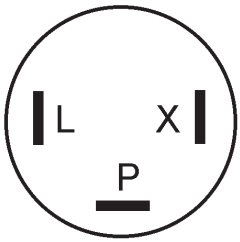


Voltage: 12
Watt: 138

Terminals: 2
Bracket: w/o

160116 Flasher Unit





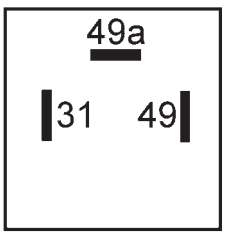
Voltage: 12
Watt: 138

Terminals: 3
Bracket: w/o

160242 Flasher Unit

Servicing: Alfa Romeo, Audi, Bedford, Ford, Nissan, Opel, Toyota





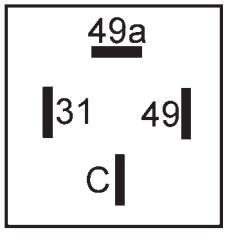
Voltage: 12
Watt: 2/4x21

Terminals: 3
Bracket: w/

160243 Flasher Unit

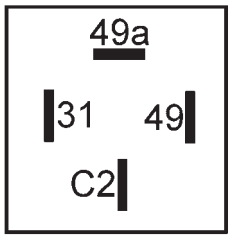
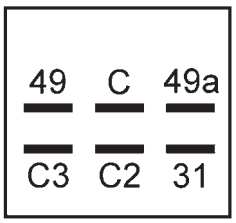
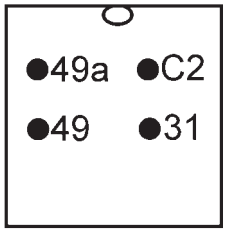
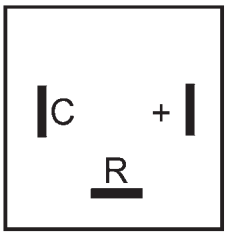
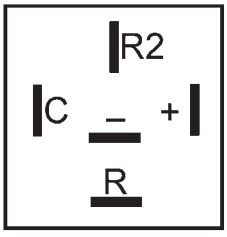
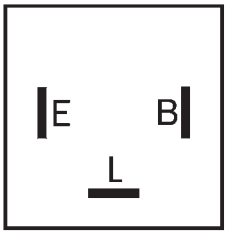
Servicing: Alfa Romeo, Audi, Austin, BMW, Citroen, Fiat, Ford, Honda, Iveco, Lada, Lancia, Mercedes-Benz, Opel, Peugeot, Porsche



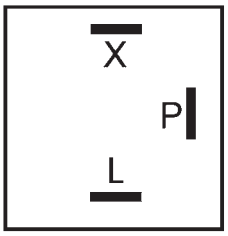
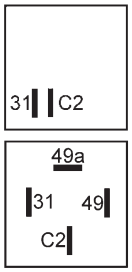
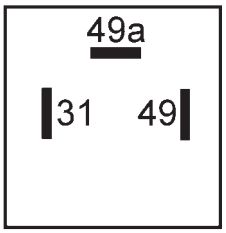
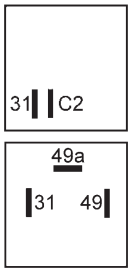
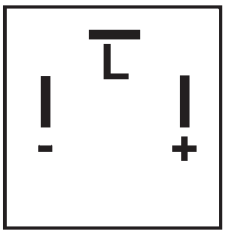
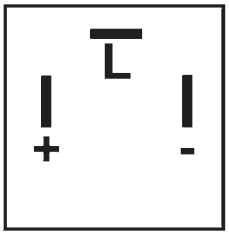


Voltage: 12
Watt: 2/4x21

Terminals: 4
Bracket: w/

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160244 Flasher Unit	**Servicing:** Audi, Austin, BMW, Citroen, Daihatsu, Fiat, Ford, Honda, Lada, Lancia, Lexus, Mazda, Mercedes-Benz, Mitsubishi, Nissan		
For vehicles w/ towbars.			
 	**Voltage:** 12 **Watt:** 2+1/6x21		**Terminals:** 4 **Bracket:** w/
160263 Flasher Unit			
 	**Voltage:** 12 **Watt:** 2+1+1/8x21		**Terminals:** 6 **Bracket:** w/
160305 Flasher Unit	**Servicing:** Mercedes-Benz		
For vehicles w/ towbars.			
 	**Voltage:** 12 **Watt:** 2+1/6x21		**Terminals:** 4 **Bracket:** w/o
160312 Flasher Unit			
Interchangeable w/ all 4 terminal device (+, - ,C, R). for SAE standard vehicles (France, Italy, USA, Spain).			
 	**Voltage:** 12 **Watt:** 2/4x21		**Terminals:** 3 **Bracket:** w/
160314 Flasher Unit	**Servicing:** Alfa Romero, Renault, Fiat, Lancia, Lada, Alfa Romeo, BMW, Fiat, Lada, Lancia, Renault		
For vehicles w/ towbars. For SAE standard vehicles (France, Italy, USA, Spain).			
 	**Voltage:** 12 **Watt:** 2+1/6x21		**Terminals:** 5 **Bracket:** w/
160315 Flasher Unit	**Servicing:** Japanese vehicles		
 	**Voltage:** 12 **Watt:** 2/4x21		**Terminals:** 3 **Bracket:** w/o

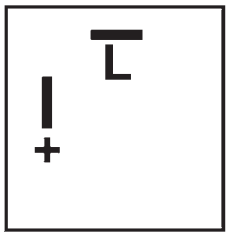
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160341 Flasher Unit	**Servicing:** Alfa Romeo, Audi, Austin, BMW, Citroen, Fiat, Ford, Honda, Lada, Mercedes-Benz, Opel, Peugeot, Porsche		
 	**Voltage:** 12 **Amp:** 16 **Watt:** 180		**Terminals:** 3 **Bracket:** w/
160402 Flasher Unit			
For vehicles w/ towbars.			
 	**Voltage:** 12 **Watt:** 2+1/6x21		**Terminals:** 4+2/top **Bracket:** w/o
160474 Flasher Unit			
 	**Voltage:** 12 **Watt:** 2/4x21		**Terminals:** 3 **Bracket:** w/o
160475 Flasher Unit			
For vehicles w/ towbars.			
 	**Voltage:** 12 **Watt:** 2+1/6x21		**Terminals:** 3+2/top **Bracket:** w/o
W/ LED			
160948 Flasher Unit			
 	**Voltage:** 12 **Watt:** 0.1-150	**Height:** 30 mm	**Plug type:** Flat **Terminals:** 3 **Bracket:** w/o
160949 Flasher Unit			
 	**Voltage:** 12 **Watt:** 0.1-150	**Height:** 30 mm	**Plug type:** Flat **Terminals:** 3 **Bracket:** w/o

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160950 Flasher Unit





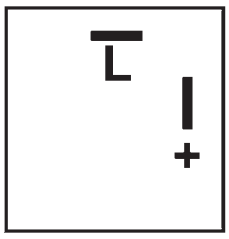
Voltage: 12
Watt: 0.1-150

Height: 30 mm

Plug type: Flat
Terminals: 2
Bracket: w/o

160951 Flasher Unit





Voltage: 12
Watt: 0.1-150

Height: 30 mm

Plug type: Flat
Terminals: 2
Bracket: w/o

160954 i-LS sensor

In combination w/ an I-LS flasher unit, the I-LS sensor secures the legal requirements of "lamp failure warning".



Voltage: 12

Height: 26 mm

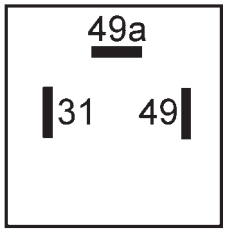
Terminals: 3
Bracket: w/o

160956 Flasher Unit i-LS

Servicing: Vehicles w/ 2 LED lamps on front or rear

In combination w/ an I-LS sensor, the I-LS flasher relay secures the legal requirements of "lamp failure warning" by installed LED lamps.





Voltage: 12
Watt: 90

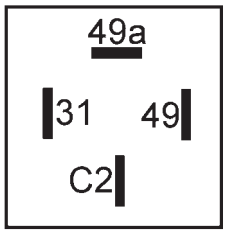
Terminals: 3
Bracket: w/

160957 Flasher Unit i-LS

Servicing: Vehicles w/ trailer, w/ 2 LED lamps

In combination w/ an I-LS sensor, the I-LS flasher relay secures the legal requirements of "lamp failure warning" by installed LED lamps.





Voltage: 12
Watt: 170

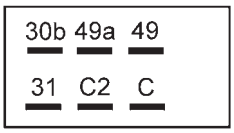
Terminals: 4
Bracket: w/

FLASHER UNITS - 24 V

160199 Flasher Unit

Servicing: Mazda, Volvo

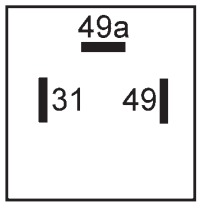
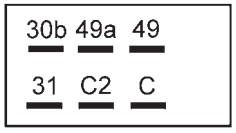
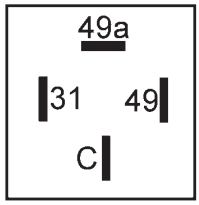
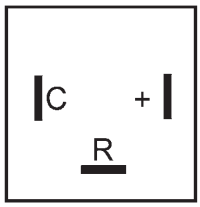
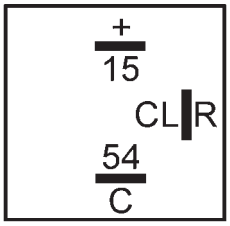
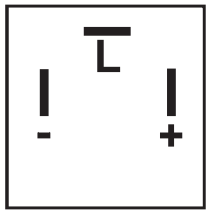
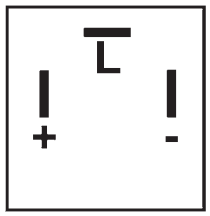




Voltage: 24
Watt: 3+1/8x21

Terminals: 6
Bracket: w/

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

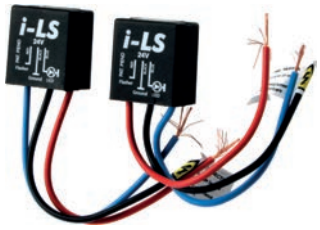
	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
160261 Flasher Unit	**Servicing:** Mercedes-Benz		
 	**Voltage:** 24 **Watt:** 2/4x21		**Terminals:** 3 **Bracket:** w/
160262 Flasher Unit			
 	**Voltage:** 24 **Watt:** 2+1/6x21		**Terminals:** 6 **Bracket:** w/
160296 Flasher Unit			
 	**Voltage:** 24 **Watt:** 2/4x21		**Terminals:** 4 **Bracket:** w/
160313 Flasher Unit			
Interchangeable w/ all 4 terminal device (+, - ,C, R). for SAE standard vehicles (France, Italy, USA, Spain).			
 	**Voltage:** 24 **Watt:** 2/4x21		**Terminals:** 3 **Bracket:** w/
160716 Flasher Unit			
 	**Voltage:** 24 **Watt:** 500		**Plug type:** Flat **Terminals:** 3 **Bracket:** w/
W/ LED			
160952 Flasher Unit			
 	**Voltage:** 24 **Watt:** 0.1-150	**Height:** 30 mm	**Plug type:** Flat **Terminals:** 3 **Bracket:** w/o
160953 Flasher Unit			
 	**Voltage:** 24 **Watt:** 0.1-150	**Height:** 30 mm	**Plug type:** Flat **Terminals:** 3 **Bracket:** w/o

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

160955 i-LS Sensor

In combination w/ an I-LS flasher unit, the I-LS sensor secures the legal requirements of "lamp failure warning".



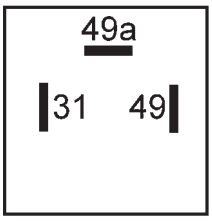
Voltage: 24

Terminals: 3
Bracket: w/o

160958 Flasher Unit i-LS — **Servicing:** Vehicles w/ 2 LED lamps on front or rear

In combination w/ an I-LS sensor, the I-LS flasher relay secures the legal requirements of "lamp failure warning" by installed LED lamps.





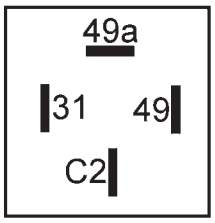
Voltage: 24
Watt: 90

Terminals: 3
Bracket: w/

160959 Flasher Unit i-LS — **Servicing:** Vehicles w/ trailer, w/ 2 LED lamps

In combination w/ an I-LS sensor, the I-LS flasher relay secures the legal requirements of "lamp failure warning" by installed LED lamps.





Voltage: 24
Watt: 170

Terminals: 4
Bracket: w/

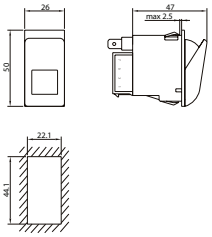
SWITCHES

ROCKER

181638 Rocker Switch

w/o symbol plate. Illuminated w/ location and function light. Bulb: HC-CARGO 181615, 181667 (LED).





Voltage: 12
Watt: 1.2

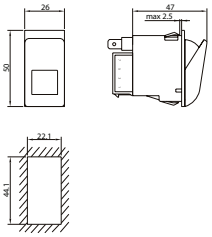
Mount. hole size:
22.1x44.1 mm

Socket type: T5
Switch: On/Off
No./terminals w/screw: 4
Bulb incl.: Yes
Automatic return: Yes

181639 Rocker Switch

w/o symbol plate. Illuminated w/ location and function light. Bulb: HC-CARGO 181632, 181668 (LED).





Voltage: 24
Watt: 1.2

Mount. hole size:
22.1x44.1 mm

Socket type: T5
Switch: On/Off
No./terminals w/screw: 4
Bulb incl.: Yes
Automatic return: Yes

181640 Rocker Switch

w/o symbol plate. Illuminated w/ location and function light. Bulb: HC-CARGO 181615, 181667 (LED), 181632, 181668 (LED).



Voltage: dec-24

Mount. hole size:
22.1x44.1 mm

Type/terminal: Flat
Switch: (On)/Off/(On)
Terminals: 6
Bulb incl.: No
Automatic return: Yes

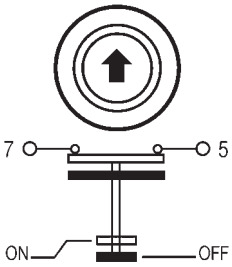
O.E.M. names and numbers are used for reference purposes only.

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

MULTI PURPOSE

181249 Push Switch





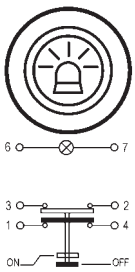
Voltage: 12
Voltage 2: 24
Amp 2: 25

Mount. hole size:
30.5 mm

Button symbol: Lift & lower
Switch: Off/(On)
No./terminals w/screw: 2
DIN norm: 40053
Protection degree: IP 67

181251 Push Switch





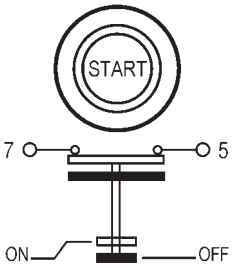
Voltage: 12
Voltage 2: 24
Amp 2: 25

Mount. hole size:
30.5 mm

Button symbol: Rotating beacon
Switch: On/Off
No./terminals w/screw: 6
Illuminated: Yes
DIN norm: 40053
Protection degree: IP 67

181252 Push Switch





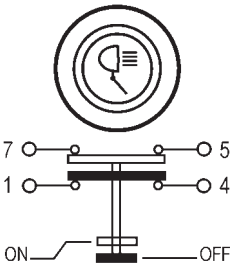
Voltage: 12
Voltage 2: 24
Amp 2: 25

Mount. hole size:
30.5 mm

Button symbol: Start
Switch: Off/(On)
No./terminals w/screw: 2
DIN norm: 40053
Protection degree: IP 67

181253 Push Switch





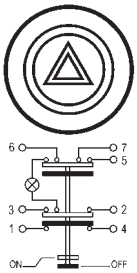
Voltage: 12
Voltage 2: 24
Amp 2: 25

Mount. hole size:
30.5 mm

Button symbol: Adjustable light
Switch: On/Off
No./terminals w/screw: 4
Illuminated: Yes
DIN norm: 40053
Protection degree: IP 67

181256 Push Switch





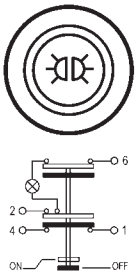
Voltage: 12
Voltage 2: 24
Amp 2: 25

Mount. hole size:
30.5 mm

Button symbol: Hazard Warning Lamp
Switch: On/Off
No./terminals w/screw: 7
Illuminated: Yes
Automatic return: Yes
DIN norm: 40053
Protection degree: IP 67

181257 Push Switch



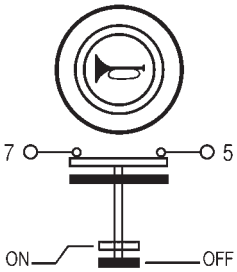
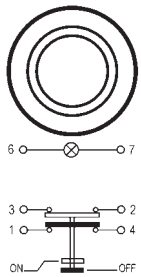


Voltage: 12
Voltage 2: 24
Amp 2: 25

Mount. hole size:
30.5 mm

Button symbol: Sidemarker
Switch: On/Off
No./terminals w/screw: 4
Illuminated: Yes
DIN norm: 40053
Protection degree: IP 67

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
181258 Push Switch			
 	**Voltage:** 12 **Voltage 2:** 24 **Amp 2:** 25	**Mount. hole size:** 30.5 mm	**Button symbol:** Horn **Switch:** Off/(On) **No./terminals w/screw:** 2 **DIN norm:** 40053 **Protection degree:** IP 67
181263 Push Switch			
 	**Voltage:** 12 **Voltage 2:** 24 **Amp 2:** 25	**Mount. hole size:** 30.5 mm	**Switch:** On/Off **No./terminals w/screw:** 6 **Illuminated:** Yes **Automatic return:** Yes **DIN norm:** 40053 **Protection degree:** IP 67
181264 Multi Socket			
For multi purpose switches.			
			**Type/terminal:** Flat **No./poles:** 7

IGNITION/LIGHT

180045 Ignition/Light Switch			
Spare key: HC-CARGO 180341.			
		**Mount. hole size:** 26.5 mm	**Switch combination:** Parkinglight-off-ignition-sidelight-DRL **No./keys:** 2 **Terminals:** 6
180324 Ignition/Light Switch			
Spare key: HC-CARGO 180341.			
		**Mount. hole size:** 26.5 mm	**Switch combination:** Parkinglight-off-ignition-sidelight-DRL **No./keys:** 2 **Terminals:** 7

IGNITION STARTER

180027 Ignition Starter Switch			
Spare key: HC-CARGO 180339. Multiplug: HC-CARGO 181597.			
		**Mount. hole size:** 18.5 mm	**Switch combination:** Off-ignition-start **No./keys:** 2 **Terminals:** 5

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
180041 Ignition Starter Switch *Spare key: HC-CARGO 180340.*		**Mount. hole size:** 26.5 mm	**Switch combination:** Parking light-off-start **No./keys:** 2 **Terminals:** 7 **DIN norm:** 40050 **Protection degree:** IP 63
			
180043 Ignition Starter Switch *Spare key: HC-CARGO 180339.*		**Mount. hole size:** 18.5 mm	**Switch combination:** Off-aux-ignition-start **No./keys:** 2 **Terminals:** 4
			
181518 Ignition Starter Switch *Spare key: HC-CARGO 180339.*		**Mount. hole size:** 22.5 mm **Positions:** 1 (start)	**Switch combination:** Off-ignition-start **No./keys:** 2 **Terminals:** 5
			

SPARE KEYS

180339 Spare Key	**Servicing:** HC-CARGO 180025, 180027, 180043, 181518
	
180340 Spare Key	**Servicing:** HC-CARGO 180041, 180044
	
180341 Spare Key	**Servicing:** HC-CARGO 180045, 180324
	
181465 Spare Key	**Servicing:** HC-CARGO 181235, 181236, 181237
	**Material:** Metal

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

DIESEL STARTER

180044 Ignition Switch — **Servicing:** Deutz, IH

Supplied w/ 2 keys. Spare key: HC-CARGO 180340. Multiplug: HC-CARGO 181595, 181596.



Mount. hole size: 26.5 mm
Positions: 5

Switch combination: Parking light-off-ignition-glow-start
Terminals: 10
DIN norm: 40050
Protection degree: IP 63

181235 Ignition Switch — **Servicing:** Massey Ferguson

Spare key: HC-CARGO 181465.



Mount. hole size: 16 mm
Positions: 4

Switch combination: Off-ignition-glow-start
No./keys: 2
Terminals: 6

181236 Ignition Switch — **Servicing:** Massey Ferguson

Spare key: HC-CARGO 181465.



Mount. hole size: 16 mm
Positions: 4

Switch combination: Start-Off-Glow-Start
No./keys: 2
Terminals: 4

181237 Ignition Switch — **Servicing:** Massey Ferguson

Spare key: HC-CARGO 181465.



Mount. hole size: 16 mm
Positions: 5

Switch combination: Off-aux-ignition-glow-start
No./keys: 2
Terminals: 7

181598 Rubber Boot — **Servicing:** HC-CARGO 180044



CABLE & WIRING

CHARGING CLIPS

192196 Charging Clips



Amp: 275

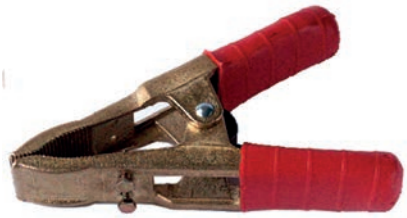
Cable dim.: 16 mm²

Colour: Red
Material: Moulded brass

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
192197 Charging Clips			
	**Amp:** 275	**Cable dim.:** 16 mm²	**Colour:** Black **Material:** Moulded brass
192293 Charging Clips			
Lenght: 210 mm.			
	**Amp:** 420	**Cable dim.:** 35-50 mm²	**Colour:** Red **Material:** PP/PVC
192294 Charging Clips			
Lenght: 210 mm.			
	**Amp:** 420	**Cable dim.:** 35-50 mm²	**Colour:** Black **Material:** PP/PVC
192386 Charging Clips			
	**Amp:** 275	**Cable dim.:** 16 mm²	**Colour:** Red **Material:** Moulded brass
192387 Charging Clips			
	**Amp:** 275	**Cable dim.:** 16 mm²	**Colour:** Black **Material:** Moulded brass
192388 Charging Clips			
	**Amp:** 320	**Cable dim.:** 25 mm²	**Colour:** Red **Material:** Moulded brass
192389 Charging Clips			
	**Amp:** 320	**Cable dim.:** 25 mm²	**Colour:** Black **Material:** Moulded brass

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
192390 Charging Clips			
	**Amp:** 420	**Cable dim.:** 50 mm²	**Colour:** Red **Material:** Moulded brass
192391 Charging Clips			
	**Amp:** 420	**Cable dim.:** 50 mm²	**Colour:** Black **Material:** Moulded brass
192903 Charging clips, red			
	**Amp:** 1200	**Cable dim.:** 25-50 mm²	**Colour:** Red **Material:** Brass
192904 Charging clips, red			
	**Amp:** 1200	**Cable dim.:** 25-50 mm²	**Colour:** Black **Material:** Brass
FULLY INSULATED			
192204 Charging clips 600A,red			
	**Amp:** 600	**Cable dim.:** 25-50 mm²	**Colour:** Red **Material:** Compressed steel **Fully insulated:** Yes **Braided link:** w/
192205 Charging clips 600A, BL			
	**Amp:** 600	**Cable dim.:** 25-50 mm²	**Colour:** Black **Material:** Compressed steel **Fully insulated:** Yes **Braided link:** w/
192398 Charging Clips			
	**Amp:** 600	**Cable dim.:** 50 mm²	**Colour:** Red **Material:** Copper/Brass **Fully insulated:** Yes **Braided link:** w/

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS
192399 Charging Clips			
	**Amp:** 600	**Cable dim.:** 50 mm²	**Colour:** Black **Material:** Copper/Brass **Fully insulated:** Yes **Braided link:** w/
192559 Charging Clips 500 A			
Ergonomic.			
	**Amp:** 500	**Cable dim.:** 25-50 mm²	**Colour:** Red **Material:** Moulded brass **Fully insulated:** Yes
192560 Charging Clips 500 A			
Ergonomic.			
	**Amp:** 500	**Cable dim.:** 25-50 mm²	**Colour:** Black **Material:** Moulded brass **Fully insulated:** Yes

CABLES

BOOSTER

STEEL CLIPS

192206 Booster cable set 10 mm2			
	**Amp:** 80	**Conductor dim. 1:** 10 mm² **Conductor dim. 2:** 79/0.4 mm **Length:** 2.5 m	**Colour:** Red/black **Material:** Galvanised steel **No./wires:** 2
192207 Booster cable set 16 mm2			
	**Amp:** 100	**Conductor dim. 1:** 16 mm² **Conductor dim. 2:** 126/0.4 mm **Length:** 2.5 m	**Colour:** Red/black **Material:** Galvanised steel **No./wires:** 2
192208 Booster cable set 25 mm2			
	**Amp:** 120	**Conductor dim. 1:** 25 mm² **Conductor dim. 2:** 188/0.4 mm **Length:** 2.5 m	**Colour:** Red/black **Material:** Galvanised steel **No./wires:** 2

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

BRASS CHARGING CLIPS

192209 Booster cables



Amp: 230

Conductor dim. 1: 25 mm²
Conductor dim. 2: 770/0.2 mm
Length: 3.5 m

Colour: Red/black
Material: Moulded brass
No./wires: 2
BS-approved: BS638

192210 Booster cable set 35 mm2



Amp: 290

Conductor dim. 1: 35 mm²
Conductor dim. 2: 1083/0.2 mm
Length: 3.5 m

Colour: Red/black
Material: Moulded brass
No./wires: 2
BS-approved: BS638

192211 Booster cable set 50 mm2

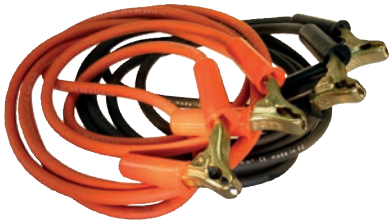


Amp: 370

Conductor dim. 1: 50 mm²
Conductor dim. 2: 1558/0.2 mm
Length: 3.5 m

Colour: Red/black
Material: Moulded brass
No./wires: 2
BS-approved: BS638

192212 Booster cable set 50 mm2



Amp: 370

Conductor dim. 1: 50 mm²
Conductor dim. 2: 1558/0.2 mm
Length: 5 m

Colour: Red/black
Material: Moulded brass
No./wires: 2
BS-approved: BS638

192295 Booster cableset



Amp: 135

Conductor dim. 1: 35 mm²
Conductor dim. 2: 265/0.41 mm
Length: 3.5 m

Colour: Red/black
Material: Moulded brass
No./wires: 2

192296 Booster cableset



Amp: 160

Conductor dim. 1: 50 mm²
Conductor dim. 2: 378/0.41 mm
Length: 5 m

Colour: Red/black
Material: Moulded brass
No./wires: 2

192844 Booster Cable 5m 35mm²



Amp: 290

Conductor dim. 1: 35 mm²
Conductor dim. 2: 1008/0.2 mm
Length: 5 m

Colour: Red/black
Material: Moulded brass
No./wires: 2
BS-approved: BS638

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

	EL. SPECIFICATIONS	DIMENSIONS	ADDITIONAL SPECIFICATIONS

FULLY INSULATED CLIPS

192213 Booster cable set 35 mm2



Amp: 290

Conductor dim. 1: 35 mm²
Conductor dim. 2: 1083/0.2 mm
Length: 3.5 m

Colour: Red/black
No./wires: 2
Insulator: Yes
Braided link: w/
BS-approved: BS638

192214 Booster cable set 50 mm2



Amp: 370

Conductor dim. 1: 50 mm²
Conductor dim. 2: 1558/0.2 mm
Length: 3.5 m

Colour: Red/black
Material: Compressed steel
No./wires: 2
Insulator: Yes
Braided link: w/
BS-approved: BS638

192215 Booster cable set 50 mm2



Amp: 370

Conductor dim. 1: 50 mm²
Conductor dim. 2: 1558/0.2 mm
Length: 5 m

Colour: Red/black
Material: Compressed steel
No./wires: 2
Insulator: Yes
Braided link: w/
BS-approved: BS638

192384 Booster cable



Amp: 290

Conductor dim. 1: 35 mm²
Conductor dim. 2: 1083/0.2 mm
Length: 3.5 m

Colour: Red/black
Material: Copper/Brass
No./wires: 2
Insulator: Yes
Braided link: w/
DIN no.: 72553

192385 Booster cable



Amp: 370

Conductor dim. 1: 50 mm²
Conductor dim. 2: 1558/0.2 mm
Length: 5 m

Colour: Red/black
Material: Copper/Brass
No./wires: 2
Insulator: Yes
Braided link: w/
DIN no.: 72553

HOSES

PLASTIC

	HC-CARGO	ID min	ID max	Width	Spanner size	Ref. no.	Coating	Material
	**190097**							

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

CLAMPS

HOSE



HC-CARGO	ID min	ID max	Width	Spanner size	Ref. no.	Coating	Material
190157	8 mm	14 mm	9 mm	7 mm	15	El. galvanized, Alu/zinc, Lacquered	Steel
193027	8 mm	14 mm	10 mm	7 mm	15	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190158	11 mm	17 mm	9 mm	7 mm	17	El. galvanized, Alu/zinc, Lacquered	Steel
193028	11 mm	17 mm	10 mm	7 mm	17	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190159	13 mm	20 mm	9 mm	7 mm	22	El. galvanized, Alu/zinc, Lacquered	Steel
193029	13 mm	20 mm	10 mm	7 mm	22	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190160	15 mm	24 mm	12 mm	7 mm	25	El. galvanized, Alu/zinc, Lacquered	Steel
193030	15 mm	24 mm	12 mm	7 mm	25	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190161	19 mm	28 mm	12 mm	7 mm	28	El. galvanized, Alu/zinc, Lacquered	Steel
193031	19 mm	28 mm	12 mm	7 mm	28	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190162	22 mm	32 mm	12 mm	7 mm	32	El. galvanized, Alu/zinc, Lacquered	Steel
193032	22 mm	32 mm	12 mm	7 mm	32	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190163	26 mm	38 mm	12 mm	7 mm	40	El. galvanized, Alu/zinc, Lacquered	Steel
193033	26 mm	38 mm	12 mm	7 mm	40	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190164	32 mm	44 mm	12 mm	7 mm	45	El. galvanized, Alu/zinc, Lacquered	Steel
193034	32 mm	44 mm	12 mm	7 mm	45	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190165	38 mm	50 mm	12 mm	7 mm	51	El. galvanized, Alu/zinc, Lacquered	Steel
193035	38 mm	50 mm	12 mm	7 mm	51	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190166	44 mm	56 mm	12 mm	7 mm	56	El. galvanized, Alu/zinc, Lacquered	Steel
193036	44 mm	56 mm	12 mm	7 mm	56	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190167	50 mm	65 mm	12 mm	7 mm	65	El. galvanized, Alu/zinc, Lacquered	Steel
193037	50 mm	65 mm	12 mm	7 mm	65	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190168	58 mm	75 mm	12 mm	7 mm	75	El. galvanized, Alu/zinc, Lacquered	Steel
193038	58 mm	75 mm	12 mm	7 mm	75	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190169	68 mm	85 mm	12 mm	7 mm	85	El. galvanized, Alu/zinc, Lacquered	Steel
193039	68 mm	85 mm	12 mm	7 mm	85	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190170	77 mm	95 mm	12 mm	7 mm	96	El. galvanized, Alu/zinc, Lacquered	Steel
193040	77 mm	95 mm	12 mm	7 mm	96	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190171	87 mm	112 mm	12 mm	7 mm	113	El. galvanized, Alu/zinc, Lacquered	Steel
193041	87 mm	112 mm	12 mm	7 mm	113	El. galvanized, Alu/zinc, Lacquered	Carbon steel
190172	104 mm	138 mm	12 mm	7 mm	139	El. galvanized, Alu/zinc, Lacquered	Steel
191239	130 mm	165 mm	12 mm	7 mm	166	El. galvanized, Alu/zinc, Lacquered	Steel

MINI



HC-CARGO	ID min	ID max	Width	Spanner size	Ref. no.	Coating	Material
190005	6 mm	8.3 mm	9 mm	7 mm	8	El. galvanized, Alu/zinc, Lacquered	Steel
190006	7 mm	9.3 mm	9 mm	7 mm	9	El. galvanized, Alu/zinc, Lacquered	Steel
190007	8 mm	10.3 mm	9 mm	7 mm	10	El. galvanized, Alu/zinc, Lacquered	Steel
190008	9 mm	11.3 mm	9 mm	7 mm	10	El. galvanized, Alu/zinc, Lacquered	Steel
190009	9 mm	12.3 mm	9 mm	7 mm	12	El. galvanized, Alu/zinc, Lacquered	Steel
190010	10 mm	13.3 mm	9 mm	7 mm	13	El. galvanized, Alu/zinc, Lacquered	Steel
190937	11 mm	14.3 mm	9 mm	7 mm	14	El. galvanized, Alu/zinc, Lacquered	Steel
190938	12 mm	15.3 mm	9 mm	7 mm	15	El. galvanized, Alu/zinc, Lacquered	Steel
191056	13 mm	16.3 mm	9 mm	7 mm	16	El. galvanized, Alu/zinc, Lacquered	Steel
192054	14 mm	17.3 mm	9 mm	7 mm	17	El. galvanized, Alu/zinc, Lacquered	Steel

TOOLS

HOSE CLAMP SCREWDRIVERS

210249 Hose Clamp Screwdriver

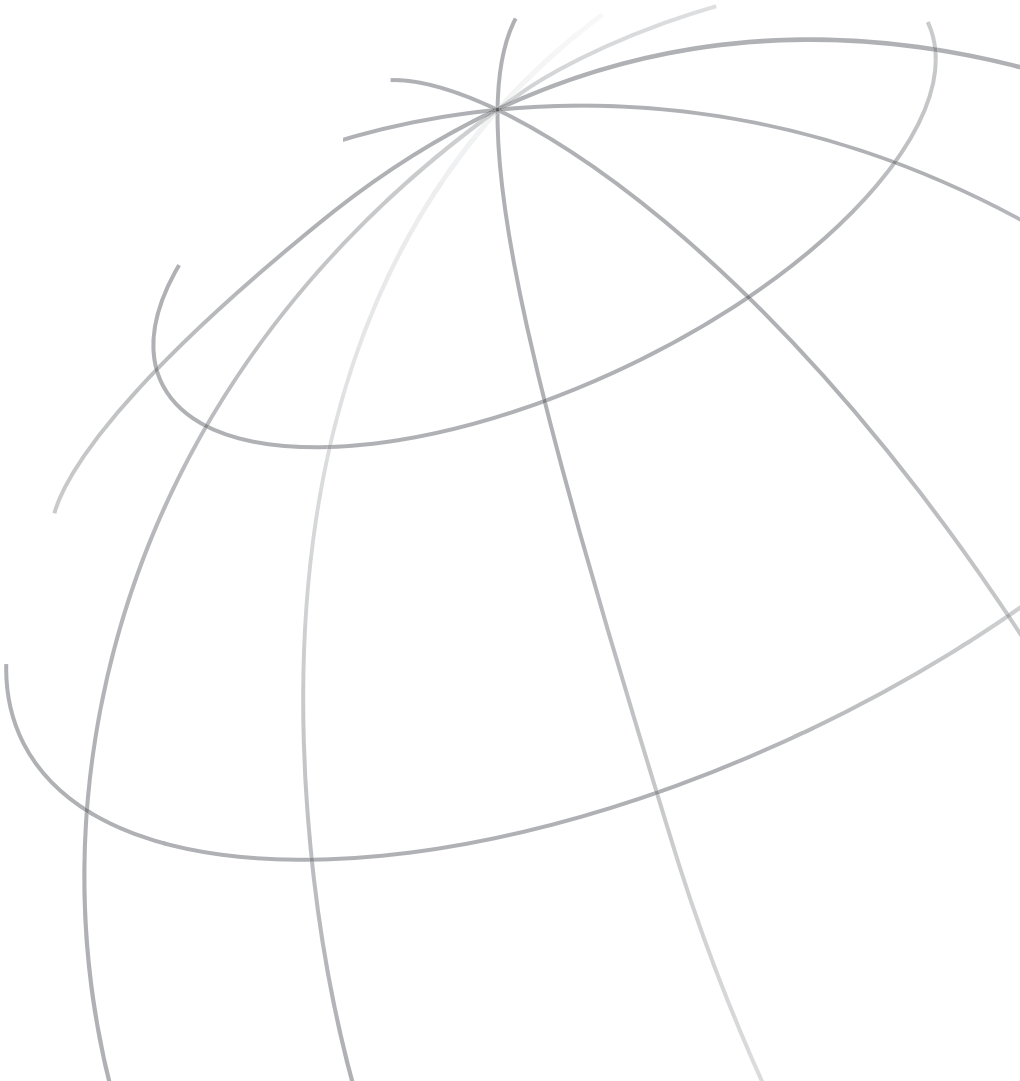
Flexible.



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

Application List

Alternators & Starters



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

Agco Allis									
AGRICULTURE									
8745	[4-268]					01.98- 01.00	**110615**	12	2.8
8765	[4-268]					01.98- 01.00	**110615**	12	2.8
8775	[6-402]					01.98- 01.00	**110615**	12	2.8
8785	[6-402]					01.98- 01.00	**110615**	12	2.8
Agco White									
AGRICULTURE									
6124	[Cummins 6-359]					01.94- 01.97	**113452**	12	2.5
6125	[Cummins 6-359]					01.93- 01.97	**113452**	12	2.5
6144	[Cummins 6-359]					01.94- 01.97	**113452**	12	2.5
6145	[Cummins 6-359]					01.93- 01.97	**113452**	12	2.5
6410, 3.9	[Cummins]					01.98- 01.00	**110615**	12	2.8
6510, 3.9	[Cummins]					01.98- 01.00	**110615**	12	2.8
6710	[Cummins 6-359]					01.98- 01.00	**110615**	12	2.8
6810	[Cummins 6-359]					01.98- 01.00	**110615**	12	2.8
8310	[Cummins 6-359]					01.98- 01.00	**113452**	12	2.5
8410	[Cummins 6-359]					01.98- 01.00	**113452**	12	2.5
Agrifull									
AGRICULTURE									
Various Models		08.83-	**111662**	14	33		**115535**	12	3.0
		01.80-	**110899**	14	33	09.80-	**110813**	12	2.7
						01.85-	**110529**	12	3.0
Allis Chalmers									
AGRICULTURE									
310		01.80- 01.90	**110639#**	14	36	01.80- 12.90	**110640**	12	3.0
340		01.80- 01.85	**110639#**	14	36	01.80- 12.85	**110640**	12	3.0
350		01.74- 01.89	**110639#**	14	36				
360		01.77- 01.91	**110639#**	14	36	01.77- 01.91	**110640**	12	3.0
445		01.74- 01.89	**110639#**	14	36	01.74- 01.89	**110640**	12	3.0
460		01.77- 01.91	**110639#**	14	36	01.77- 01.91	**110640**	12	3.0
500		01.80- 01.85	**110639#**	14	36	01.80- 01.85	**110640**	12	3.0
510		01.79- 01.90	**110639#**	14	36	01.79- 01.90	**110640**	12	3.0
610		01.79- 01.90	**110639#**	14	36	01.79- 01.90	**110640**	12	3.0
Various Models		01.86- 01.93	**111713**	14	105	01.70- 01.83	**110615**	12	2.8
		01.75-	**110639#**	14	36	01.74- 01.86	**112268**	12	2.8
		01.91-	**111419**	28	55	01.84- 01.85	**110604**	12	2.8
						01.77- 01.97	**110640**	12	3.0
						01.77- 01.83	**110813**	12	2.7
		01.72- 01.82	**112260#**	14	80	01.74- 12.75	**110491**	12	1.4
Various Models, FD 3,5,7,9,10		10.90-	**111419**	28	55				
Various Models, FL 4,7,8,9,10,14,20		11.70- 07.78	**110611**	14	44				
		03.86- 01.92	**111419**	28	55				
		01.73- 06.81	**112097**	28	30				
Various Models, FR 9,10,35,130,160,220		01.85-	**111419**	28	55				
BCS									
AGRICULTURE									
270						12.86-	**112171**	12	1.1
303						12.86-	**112171**	12	1.1
						06.78-	**112034**	12	1.7
603						06.90-	**112171**	12	1.1
622						01.68-	**112034**	12	1.7
701						03.86-	**112171**	12	1.1
735						04.88-	**112171**	12	1.1
737						07.89-	**112171**	12	1.1
745						01.84-	**112034**	12	1.7 DD
						01.84-	**112171**	12	1.1 GR
Belarus									
AGRICULTURE									
400							**113431#**	12	3.0
420							**113431#**	12	3.0
425							**113431#**	12	3.0
500						01.79- 01.91	**111350#**	12	3.2
505						01.79- 01.91	**111350#**	12	3.2
520						01.79- 01.91	**111350#**	12	3.2
525						01.79- 01.91	**111350#**	12	3.2
530						01.94- 01.96	**111350#**	12	3.2
532						01.94- 01.96	**111350#**	12	3.2
560						01.92- 01.96	**111350#**	12	3.2
562						01.92- 01.96	**111350#**	12	3.2
5111							**111350#**	12	3.2
5145							**111350#**	12	3.2
MTZ 100	[D240T]						**112488**	12	2.7
MTZ 1221, 7.2	[D-260.2]						**113356**	24	3.5
MTZ 142	[D181T]						**112488**	12	2.7
MTZ 145	[D260T]						**112488**	12	2.7
MTZ 1522, 7.2	[D-260.6]						**113356**	24	3.5
MTZ 80	[D240]						**112488**	12	2.7
MTZ 890	[D-245.5]						**113356**	24	3.5
Various Models							**112488**	12	2.7
							113431#	12	3.0
Benford									
AGRICULTURE									
Various Models							**113269**	12	3.0
Buhrer									
AGRICULTURE									
Various Models						01.71-	**110439**	12	2.0
						01.72- 01.73	**110462**	12	2.8

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

Case							
AGRICULTURE							
100, B					10.72- 12.79	**111752**	12 2.7
110	[Cummins 6BT]	05.97-	**111843**	14 95			
		05.97-	**111888**	14 65			
120	[Cummins 6BT]	05.97-	**111843**	14 95			
		05.97-	**111888**	14 65			
125, B					10.72- 12.79	**111752**	12 2.7
135	[Cummins 6BT]	05.97-	**111843**	14 95			
		05.97-	**111888**	14 65			
221					10.72- 12.79	**111752**	12 2.7
250					01.57- 01.61	**110438**	12 2.1
275					01.59- 01.68	**110438**	12 2.1
276					01.69- 01.72	**110438**	12 2.1
305	[Cummins MU7]	01.06-	**114469**	14 175			
321		01.86-	**110077**	14 50	11.72- 06.86	**111752**	12 2.7
		10.76-	**110641**	14 33			
384		01.67- 01.82	**110178**	14 36			
414					01.61- 01.66	**110438**	12 2.1
421					10.76-	**113269**	12 3.0
		01.86-	**110641**	14 33	10.76-	**111752**	12 2.7
431		01.72-	**110641**	14 33	11.72- 12.85	**111752**	12 2.7
		01.86-	**110077**	14 50			
433		02.77- 12.85	**111662**	14 33	01.86-	**112135**	12 3.1
434					01.69- 01.73	**110438**	12 2.1
444					01.72- 01.78	**110438**	12 2.1
450, C		01.89- 01.94	**111843**	14 95	01.87- 01.94	**110627**	12 2.5
		01.89- 01.94	**111888**	14 65			
454		01.72-	**110178**	14 36	01.72-	**112660**	12 2.8
		01.72-	**111185**	14 43 A47			
455		01.89- 01.94	**112170**	28 45			
		01.89- 01.94	**111888**	14 65			
		01.89- 01.94	**111843**	14 95			
474		01.72-	**110178**	14 36		**112660**	12 2.8
			111185	14 43 A47			
475		01.82-	**111185**	14 43 A47			
480, CK		01.89- 01.94	**111843**	14 95	01.79- 01.88	**110627**	12 2.5
		01.89- 01.94	**111888**	14 65			
484		01.82-	**111185**	14 43 A47			
485		01.82-	**111185**	14 43 A47			
		01.85- 01.90	**111713**	14 105			
485		01.89-	**111185**	14 43 A47	01.89- 01.93	**112660**	12 2.8
		01.89- 01.93	**110508**	14 78			
500		01.75- 01.78	**110178**	14 36			
531		01.86-	**110077**	14 50	01.86- 06.86	**111752**	12 2.7
		10.76- 06.86	**110641**	14 33			
533		02.77- 12.85	**111662**	14 33	01.86-	**112135**	12 3.1
540		01.88-	**111662**	14 33			
554		01.86-	**110077**	14 50	04.73-	**111752**	12 2.7
		01.86-	**110641**	14 33			
574		01.72-	**111185**	14 43 A47	01.72-	**111752**	12 2.7
		01.72-	**110178**	14 36	01.72-	**112660**	12 2.8
580					01.82-	**110818**	12 2.1
		01.82- 01.94	**111843**	14 95	01.79- 01.87	**110627**	12 2.5
		01.89- 01.94	**111888**	14 65	01.84- 01.92	**113725**	12 2.5
580, C,D	[188D,207D]	01.83- 01.88	**110952**	28 40	01.83- 01.88	**110818**	12 2.1
					01.83- 01.88	**112660**	12 2.8
584		01.82-	**111185**	14 43 A47	01.82-	**112660**	12 2.8
		01.77- 01.80	**110178**	14 36			
585		01.82-	**111185**	14 43 A47	01.82-	**112660**	12 2.8
590, CK					01.92-	**113725**	12 2.5
590, L					01.92-	**113725**	12 2.5
644		01.86-	**110077**	14 50	01.86- 06.86	**111752**	12 2.7
		02.79-	**110641**	14 33			
674		01.72-	**111185**	14 43 A47	01.72-	**112660**	12 2.8
		01.72-	**110178**	14 36			
680		01.83- 01.88	**110952**	28 40	01.83- 01.88	**113429**	12 4.2
684		01.77- 01.80	**110178**	14 36	01.82-	**112660**	12 2.8
		01.82-	**111185**	14 43 A47			
685		01.82-	**111185**	14 43 A47	01.82-	**112660**	12 2.8
685, L			**111185**	14 43 A47			
724					04.73- 02.75	**111752**	12 2.7
743					04.80- 12.85	**111752**	12 2.7
743, XL					07.81- 12.85	**111752**	12 2.7
743, XLA					07.81- 12.85	**111752**	12 2.7
744		02.74- 06.84	**110641**	14 33	02.74- 06.84	**111752**	12 2.7
745, S					04.80- 12.85	**111752**	12 2.7
745, X					07.81- 12.85	**111752**	12 2.7
745, XLS					07.81- 12.85	**111752**	12 2.7
780		01.83- 01.88	**110952**	28 40			
784		01.82-	**111185**	14 43 A47	01.82-	**112660**	12 2.8
785		01.82-	**111185**	14 43 A47	01.82-	**112660**	12 2.8
824					06.73- 02.74	**111752**	12 2.7
833		09.81-	**111662**	14 33	09.81-	**112135**	12 3.1
833, A		09.81-	**111662**	14 33	09.81-	**112135**	12 3.1
834					06.73- 02.74	**111752**	12 2.7
844		01.86- 12.90	**110077**	14 50	01.86- 12.90	**111752**	12 2.7
		01.86- 12.90	**110641**	14 33			

CASE *Continued*

850		01.72- 01.78	**110427**	28	22	PL				
		01.89- 01.94	**112170**	28	45					
		01.89- 01.94	**111888**	14	65					
		01.89- 01.94	**111843**	14	95		01.89- 01.94	**110818**	12	2.1
880							01.86-	**112169**	24	4.5
884								**112660**	12	2.8
885		01.72- 01.83	**110178**	14	36		01.72- 01.83	**112660**	12	2.8
		01.72-	**111185**	14	43	A47				
		01.89- 01.94	**111888**	14	65					
895								**112660**	12	2.8
946		01.71- 01.77	**110641**	14	33		04.73- 08.79	**111752**	12	2.7
956, XL		01.85-	**112098**	14	65		01.85-	**111752**	12	2.7
988		11.96-	**112170**	28	45					
990		01.75-	**110178**	14	36		01.69-	**110818**	12	2.1
			111185	14	43	A47				
995			**111185**	14	43	A47	01.72-	**110818**	12	2.1
								112660	12	2.8
996			**111185**	14	43	A47	01.76-	**110818**	12	2.1
		01.75-	**110178**	14	36					
1000		01.71- 01.75	**110641**	14	33					
1046							04.73- 08.79	**111752**	12	2.7
1056		01.86-	**112098**	14	65					
1150		01.89- 01.94	**111843**	14	95					
		01.73- 01.78	**110427**	28	22	PL				
		01.89- 01.94	**112170**	28	45					
		01.89- 01.94	**111888**	14	65					
1150, E		01.89- 01.94	**111843**	14	95					
		01.89- 01.94	**112170**	28	45					
		01.89- 01.94	**111888**	14	65					
1155, E		01.89- 01.94	**111843**	14	95					
		01.89- 01.94	**111888**	14	65					
1190		01.83-	**111185**	14	43	A47				
1194			**111185**	14	43	A47				
1200							01.69- 01.71	**110818**	12	2.1
1210		01.75-	**110178**	14	36		01.72- 01.81	**110818**	12	2.1
1212		01.72- 01.75	**110178**	14	36		01.72- 01.81	**110818**	12	2.1
1290		01.80- 01.82	**110179**	14	36		01.80- 01.83	**110818**	12	2.1
			111185	14	43	A47				
1294, 3.6							01.84- 06.89	**110818**	12	2.1
							01.84- 06.89	**111499#**	12	2.8
1390			**111185**	14	43	A47	01.80- 01.83	**110818**	12	2.1
		01.79- 01.85	**110179**	14	36					
1394		01.84-	**113574**	14	65					
		01.80- 01.88	**111204**	14	70					
			111185	14	43	A47	01.84-	**111499#**	12	2.8
		01.84-	**110968**	14	70		01.84-	**110818**	12	2.1
1410		01.75- 01.81	**110178**	14	36					
1412		01.75- 01.81	**110178**	14	36					
1450		01.72- 01.78	**110427**	28	22	PL				
		01.79- 01.86	**110952**	28	40	PL				
1490		01.84-	**111185**	14	43	A47	01.80- 01.83	**110818**	12	2.1
1494		01.79- 01.87	**111185**	14	43	A47				
		01.84-	**110968**	14	70					
		01.79- 01.87	**111204**	14	70					
		01.84-	**113574**	14	65		01.84-	**111499#**	12	2.8
1550		01.89- 01.94	**111843**	14	95					
		01.89- 01.94	**111888**	14	65					
1594		01.84-	**110968**	14	70		01.84-	**111499#**	12	2.8
		01.83- 01.88	**111204**	14	70					
		01.84-	**113574**	14	65					
1620								**113429**	12	4.2
1640								**113429**	12	4.2
1644								**113429**	12	4.2
1666								**113429**	12	4.2
1680								**113429**	12	4.2
1688								**113429**	12	4.2
1690		01.79- 01.85	**111185**	14	43	A47, 4WD	01.85- 01.92	**113429**	12	4.2
		01.79- 01.85	**110179**	14	36	2WD	01.84-	**111499#**	12	2.8
							01.84-	**110818**	12	2.1
1694		01.84-	**110968**	14	70		01.84-	**111499#**	12	2.8
		01.79- 01.87	**111204**	14	70					
		01.84-	**113574**	14	65					
1840							01.90- 01.93	**113725**	12	2.5
1845, C							01.87- 01.96	**113725**	12	2.5
2144		01.94-	**113999**	14	150	IS	01.94- 01.96	**113429**	12	4.2
		01.94- 01.97	**112773**	14	135					
2155, 8.3	[6CTA]	05.97-	**112773**	14	135		01.96-	**113429**	12	4.2
		05.97-	**113999**	14	150	IS				
2166, 8.3	[6CTA]	01.94-	**112773**	14	135		01.94- 01.96	**113429**	12	4.2
		01.94-	**113999**	14	150	IS				
2188, 8.3	[6CTA]	01.94-	**112773**	14	135		01.94- 01.96	**113429**	12	4.2
		01.94-	**113999**	14	150	IS				
2344, 5.9		01.97-	**113999**	14	150	IS				
		01.97- 01.98	**112773**	14	135					
2366, 8.3	[6CTA]	05.97-	**112773**	14	135		01.97-	**113429**	12	4.2
		05.97-	**113999**	14	150	IS				
2388, 8.3	[6CTAA]	05.97- 01.98	**112773**	14	135					
		05.97-	**113999**	14	150	IS				

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2555, 8.3		05.97-	**113999**	14 150 IS			
		05.97-	**112773**	14 135			
3400, GD					09.69- 12.86	**111752**	12 2.7
3500, GD					09.69- 12.86	**111752**	12 2.7
4200		01.93-	**111289**	14 70		**112660**	12 2.8
5120, Maxxum	[6T-590]	01.90-	**111843**	14 95			
		01.90-	**111888**	14 65			
5130	[6T-590]				01.90- 01.91	**113429**	12 4.2
					06.90-	**114449**	12 4.0
5130, Maxxum	[6T-590]	01.90-	**111843**	14 95	01.90-	**111885**	12 3.1
		01.90-	**111888**	14 65			
5140	[6T-590]				01.90- 01.91	**113429**	12 4.2
					06.90-	**114449**	12 4.0
5140, Maxxum	[6T-590]	01.90-	**111843**	14 95	01.90-	**111885**	12 3.1
		01.90-	**111888**	14 65			
5150, Maxxum	[6T-590]				06.90-	**111885**	12 3.1
6000					01.97- 01.00	**113429**	12 4.2
					01.85- 01.92	**113725**	12 2.5
6500					01.85- 01.92	**113725**	12 2.5
7120, 8.3	[6CT]	01.98- 01.03	**112773**	14 135	01.87- 01.93	**113429**	12 4.2
		01.98- 01.03	**113999**	14 150 IS			
7130, 8.3	[6CT]	01.98- 01.03	**112773**	14 135	01.87- 01.93	**113429**	12 4.2
		01.98- 01.03	**113999**	14 150 IS			
7140, 8.3	[6CTA]	01.98- 01.03	**112773**	14 135	01.87- 01.93	**113429**	12 4.2
		01.98- 01.03	**113999**	14 150 IS			
8920, 8.3	[6CTA]	05.97-	**112773**	14 135			
		05.97-	**113999**	14 150 IS			
8930, 8.3	[6CTA]	05.97-	**112773**	14 135	01.96-	**113429**	12 4.2
		05.97-	**113999**	14 150 IS			
8940, 8.3	[6CTA]	05.97-	**112773**	14 135			
		05.97-	**113999**	14 150 IS			
8950, 8.3	[6CTA]	05.97-	**112773**	14 135			
		05.97-	**113999**	14 150 IS			
9150	[6-611]				01.86- 01.90	**112089**	12
9180	[6-855]				01.86- 01.90	**112089**	12
9250	[6-611]				01.90- 01.95	**112089**	12
9260	[6-611]				01.90- 01.95	**112089**	12
9270	[6-855]				01.90- 01.95	**112089**	12
9280	[6-855]				01.90- 01.95	**112089**	12
170 CBX			**113552**	14 120			
420CT, 3.2	[432T/M]				01.08-	**114002**	12 4.2
650 HD, Yumbo		01.78-	**111035**	14 65			
821B, 8.3	[6CT]	06.96-	**112493**	28 65			
DX18E			**115342**	14 40			
DX22E			**115342**	14 40			
DX25E			**115342**	14 40			
DX26			**115342**	14 40			
E833		01.86-	**111662**	14 33	01.86- 12.90	**112135**	12 3.1
E833, A		01.86-	**111662**	14 33	01.86- 12.90	**112135**	12 3.1
Farmall			**114450***	14 120			
JX100U			**114384**	14 85			
JX70U			**114384**	14 85			
JX80U			**114384**	14 85			
JX90U			**114384**	14 85			
MX		01.95- 01.02	**111843**	14 95			
MXM Series					01.02-	**114447**	12 3.0
V433		01.86-	**111662**	14 33	01.86-	**112135**	12 3.1
V533		01.86-	**111662**	14 33	01.86-	**112135**	12 3.1
Various Models	[6-411]					**114050**	12 4.2
		01.70- 01.92	**110300**	28 65	05.82	**111752**	12 2.7
		01.68-	**112260#**	14 80	05.79- 12.86	**110536**	12 2.7
		01.72- 01.85	**110504**	14 90	01.00- 01.00	**111260**	12 1.4
		01.89- 01.94	**112170**	28 45	01.87- 01.92	**113184**	24 4.0
		01.65-	**114518**	14 55		**113429**	12 4.2
			113552	14 120		**110818**	12 2.1
		01.65-	**110484**		03.75- 01.88	**110523**	24 4.8
			114191	14 90	01.83-	**110999**	24
					01.65-	**114196**	24 4.0
					01.74- 01.80	**111259**	12 1.3
					01.65-	**112256#**	24 7.0
					01.65- 01.88	**112243**	24
					01.78- 01.89	**110627**	12 2.5
					01.57- 01.78	**110438**	12 2.1
					01.90- 01.98	**112169**	24 4.5
					01.65-	**114399**	12 2.7
					01.72-	**112660**	12 2.8
					01.85- 01.92	**111760**	24 4.5
W20E, 6.0	[6BT]	05.96-	**112493**	28 65			
Case IH							
AGRICULTURE							
170, 6.7			**114228**	14 150			
200, 6.7			**114228**	14 150			
215, 6.7			**114225**				
235, 8.7						**114480**	12 4.2
260, 8.7						**114480**	12 4.2
290, 8.7						**114480**	12 4.2
315, 8.7						**114480**	12 4.2
340, 8.7						**114480**	12 4.2

Caterpillar									
AGRICULTURE									
75						01.91- 12.97	**113695**	24	6.0
85						01.95- 12.97	**113695**	24	6.0
906, Diesel	[Perkins 3054]		**114218**	14	55		**115323**	12	2.7
908, Diesel	[Perkins 3054]		**114218**	14	55		**115323**	12	2.7
416C, Diesel	[Perkins 3054]		**114218**	14	55				
426C, Diesel	[Perkins 3054]		**114218**	14	55				
436C, Diesel	[Perkins 3054]		**114218**	14	55				
D4C, Diesel	[Perkins]		**114218**	14	55				
Farm 35		01.94-	**112996**	14	115				
Farm 45		01.94-	**112996**	14	115				
Farm 55		01.95-	**112996**	14	115				
Various Agriculture Vehicles			**114683**	28	80				
Various Models			**114188**	14	90	01.79-	**110449**	12	3.6
			114271	28	75		**114280**	24	3.2
Chang Feng (Liebao)									
AGRICULTURE									
3320		01.92-	**110621**	14	55	01.92-	**110545**	12	3.0
						01.92-	**114254**	12	2.7 GR
Claas									
AGRICULTURE									
48, 3.9	[4.236]	06.78-	**112098**	14	65	06.78-	**111791#**	12	2.4
56, 4.1	[4.248]	12.83-	**110641**	14	33	12.83-	**111791#**	12	2.4
66, 5.8	[6.354]	12.79- 10.85	**111649**	14	33	06.79- 10.85	**111791#**	12	2.4
76, 6.1	[6.372]	06.78-	**112098**	14	65	06.78-	**111791#**	12	2.4
85, 6.1	[6.372]					10.74- 10.85	**111791#**	12	2.4
85	[OM352]					10.74- 05.76	**110525**	12	3.0
86, 5.7	[OM352]	06.78-	**112098**	14	65				
96, 5.7	[OM352]	09.79- 10.85	**112098**	14	65				
96	[OM352]	06.78-	**112098**	14	65				
105	[OM360]	04.82-	**112098**	14	65				
106	[OM401]	05.80-	**113611**	14	90	05.80-	**110539**	12	3.6
						05.80- 10.85	**113268**	12	1.6
675	[OM360]	10.74-	**113611**	14	90				
680	[OM421]	10.74-	**113611**	14	90	10.74-	**110539**	12	3.6
690, 14.6	[OM422]					10.74- 10.89	**110206**	24	5.4
816			**113986**	14	120				
826			**113986**	14	120				
836			**113986**	14	120				
850			**113949**	14	150				
685 SL	[OM421]	10.74-	**113611**	14	90	01.87-	**110539**	12	3.6
Combines		01.99-	**111978**	14	120				
Various, 510, 520, 530, 540			**113986**	14	120		**115357**	12	4.2
Various, 610, 620, 630, 640			**113986**	14	120		**115357**	12	4.2
Various Models			**114000**	14	120	01.73- 10.82	**111791#**	12	2.4
			114513	14	95		**115326**	12	5.0
			114735	14	150	10.74- 10.76	**110775**	12	1.8
						09.73- 05.76	**110525**	12	3.0
						08.78- 10.82	**110536**	12	2.7
Cub Cadet									
AGRICULTURE									
982	[Onan B48G]					01.79- 01.84	**113015**	12	
984	[Onan B48G]					01.82- 01.84	**113015**	12	
986	[Onan B48G]					01.82- 01.84	**113015**	12	
1912	[Onan B48G]					B48G Eng. 01.85- 01.86	**113015**	12	
1914	[Onan B48G]					01.85- 01.86	**113015**	12	
5264, 1.0	[D070]						**115425**	12	1.3
7000, Diesel	[Mitsubishi 3-69]	01.98- 01.03	**112492**	14	50				
7200, Diesel	[Mitsubishi 3-69]	01.98- 01.03	**112492**	14	50				
7205, Diesel	[Mitsubishi 3-69]	01.98- 01.03	**112492**	14	50				
7260, Diesel	[Mitsubishi 3-80]	01.98- 01.03	**112492**	14	50				
7265, Diesel	[Mitsubishi 3-80]	01.98- 01.03	**112492**	14	50				
7305, Diesel	[Mitsubishi Equipped]		**114079**	14	40				
7360, Diesel	[Mitsubishi 4-107]	01.00- 01.03	**112492**	14	50				
7530, Diesel		01.04- 01.06	**112492**	14	50				
7532, Diesel		01.04- 01.06	**112492**	14	50				
Compact 1170	[Briggs & Stratton]					01.00- 01.01	**113853**	12	
Compact 1600	[Briggs & Stratton]					01.99- 01.99	**113853**	12	
Compact 1800	[Briggs & Stratton]					01.99- 01.99	**113853**	12	
Compact 2130	[Kohler]					01.94- 01.95	**112546**	12	0.6
Compact 2135	[Kohler]					01.94- 01.95	**112546**	12	0.6
Compact 2185	[Kohler]					01.94- 01.01	**112546**	12	0.6
Garden 1340, 1.3	[Kohler]					01.90- 01.91	**112150**	12	
Garden 1863	[Kohler]					01.93- 01.97	**112546**	12	0.6
Garden 1864	[Kohler]					01.93- 01.97	**112546**	12	0.6
Garden 2072						01.87- 01.89	**112831**	12	0.6
Garden 2082						01.92- 01.00	**112831**	12	0.6
Garden 2084	[Kohler]					01.94- 01.95	**112546**	12	0.6
Lawn 1315, 1.3	[Kohler]					01.89- 01.91	**112150**	12	
Lawn 1320	[Kohler]					01.89- 01.91	**112150**	12	
Lawn 1325	[Kohler]					01.92- 01.93	**112150**	12	
Lawn 1330	[Kohler]					01.92- 01.93	**112150**	12	
Lawn 1405	[Kohler]					01.90- 01.91	**112150**	12	
Zero Turn	[Kawasaki]						**114823**	12	0.6
	[Kohler]						**114075**	12	

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

Daedong Kioti									
AGRICULTURE									
DK35 Series	[Kubota]		**114219**	14	50				
DK40 Series	[Kubota]		**114219**	14	50				
DK65 Series	[Kubota]		**114219**	14	50				
DK65S Series	[Kubota]		**114219**	14	50				
Daihatsu									
AGRICULTURE									
Various Agriculture Vehicles	[Caterpillar]		**114683**	28	80				
Deutz-Fahr									
AGRICULTURE									
60	[1000.3A]		**112389**	14	85				
75	[1000.4A]		**112389**	14	85				
85	[1000.4AT]		**112389**	14	85				
110	[1000.6A]		**112389**	14	85				
130	[1000.6A]		**112389**	14	85				
2003, 3.8	[F4L 912]	02.79- 05.80	**110641**	14	33				
2004, 3.8	[F4L912]	05.78- 12.88	**110641**	14	33				
100.4	[1000.4ATI]		**112389**	14	85				
100.6	[1000.4A]		**112389**	14	85				
60DT/2RM	[1000.3A]		**112389**	14	85				
70DT/2RM	[1000.4A]		**112389**	14	85				
80DT	[1000.4A]		**112389**	14	85				
90DT	[1000.4AT]		**112389**	14	85				
Agri 605						01.97-	**112071**	12	3.0
D 2807, 1.9, Diesel	[F2L912]	06.86- 08.88	**110641**	14	33	06.86-	**114181**	12	1.9
		09.88-	**110360**	14	45				
		09.88-	**110881**	14	55				
D 3607, 1.9, Diesel	[F2L912]	06.86- 08.88	**110641**	14	33	06.86-	**114191**		
		09.88-	**110360**	14	45				
		09.88-	**110881**	14	55				
D 6807, 3.8, Diesel	[F4L912]	06.86- 08.88	**110641**	14	33	01.92-	**112555**	12	3.1
		09.88-	**110360**	14	45	06.86-	**110536**	12	2.7
D 7007, 3.8, Diesel	[F4L912]	06.86- 08.88	**110641**	14	33	01.92-	**112555**	12	3.1
		09.88-	**110360**	14	45	06.86-	**110536**	12	2.7
DE6 - Various Models		06.86-	**110360**	14	45				
DX 3.10, 2.8, Diesel	[F3L912]					06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 3.30, 2.8, Diesel	[F3L912]					06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 3.50, 3.1, Diesel	[F3L913]					06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 3.60, 3.8, Diesel	[F4L912]					06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 3.70, 3.8, Diesel	[F4L912]					06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 3.80, 4.1, Diesel	[F4L913]	06.86-	**110360**	14	45	06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 3.90, 4.1, Diesel	[F4L913]					06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 4.10, 3.8, Diesel	[F4L912]	06.86-	**110360**	14	45	06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 4.30, 4.1, Diesel	[F4L913]					06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 4.31, 4.1, Diesel	[F4L913]	01.91-	**110360**	14	45	01.91-	**110536**	12	2.7
						01.92-	**112555**	12	3.1
DX 4.50, 4.1, Diesel	[BF4L913]					06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 4.51, 4.1, Diesel	[BF4L913]	01.90-	**110360**	14	45	01.90- 06.94	**113467**	12	3.7
						01.92-	**112555**	12	3.1
DX 4.70, 4.1, Diesel	[BF4L913]					06.86-	**110536**	12	2.7
						01.92-	**112555**	12	3.1
DX 6.05, 5.7, Diesel	[F6L912]	06.86-	**110360**	14	45	06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 6.30, 6.1, Diesel	[F6L913]					06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 6.31, 6.0, Diesel	[BF6L913]	01.90- 01.05	**112046**	14	95	01.90-	**110536**	12	2.7
						01.92- 01.05	**112555**	12	3.1
						01.90- 06.94	**113467**	12	3.7
DX 6.50, 6.1, Diesel	[BF6L913]	06.86- 06.01	**112046**	14	95	06.86-	**113467**	12	3.7
						06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
DX 6.60, 6.0, Diesel	[BF6L913]	10.88-	**110360**	14	45	10.88-	**110536**	12	2.7
						01.92- 10.03	**112555**	12	3.1
DX 7.10, 6.1, Diesel	[BF6L913]	06.86- 06.01	**112046**	14	95	06.86-	**110536**	12	2.7
						01.92- 06.01	**112555**	12	3.1
						06.86- 06.94	**113467**	12	3.7
DX3 - Various Models		06.86-	**110360**	14	45				
		07.76- 10.85	**110641**	14	33				
DX4 - Various Models		06.86-	**110360**	14	45				
DX7 - Various Models		09.88-	**110360**	14	45				
		06.86-	**112736**	14	65				
Intrac 6.30, 6.0, TD	[BF6L913]	01.88-	**112046**	14	95	01.92- 01.04	**112555**	12	3.1
		01.88- 12.88	**112736**	14	65	01.89-	**110536**	12	2.7
Intrac 6.60, 6.0, TD	[BF6L913]	01.88- 01.93	**112046**	14	95	01.88- 01.03	**113467**	12	3.7
		01.88-	**112736**	14	65				
M 1080, 4.7, Diesel	[F5L912]	01.81- 08.88	**110641**	14	33	01.92- 01.96	**112555**	12	3.1
		09.88-	**110360**	14	45	01.81-	**110536**	12	2.7

DEUTZ-FAHR *Continued*

M 1202, 5.7, Diesel	[F6L912]	01.80- 08.88	**110641**	14	33	01.92- 01.95	**112555**	12	3.1
		09.88-	**110360**	14	45	01.80-	**110536**	12	2.7
M 2385, 5.7, Diesel	[F6L912]	01.82- 01.97	**112046**	14	95	01.82-	**110536**	12	2.7
		01.82- 07.93	**112736**	14	65	01.92- 01.97	**112555**	12	3.1
M 3330, 2.8	[F3L912]					01.92- 03.02	**112555**	12	3.1
M 3360, 3.8	[F4L912]					03.87- 03.02	**110536**	12	2.7
						01.92- 03.02	**112555**	12	3.1
M 980, 3.8, Diesel	[F4L912]	01.81- 08.88	**110641**	14	33	01.81-	**110536**	12	2.7
						01.92- 01.96	**112555**	12	3.1
Various Models			**114192**	14	200		**110536**	12	2.7
		01.73- 12.75	**110766**	28	27	05.78- 10.85	**113467**	12	3.7
		12.79-	**112747**	28	55	01.92-	**112555**	12	3.1
		04.88-	**113740#**	14	160		**114220**	24	4.0
		04.72- 12.75	**110761**	28	35		**115472**	12	2.7
		02.79- 10.84	**110641**	14	33				
		07.80- 10.84	**110077**	14	50				
		09.88- 12.01	**110881**	14	55				
			114110	28	80				
			114365	28	140				
			114470	14	120				
			115309	28	35				
Dronningborg									
AGRICULTURE									
7000	[Perkins]		**111289**	14	70				
7800	[Valmet D620]	01.93	**110968**	14	70				
		01.93	**111355**	14	65				
8700 Jumbo	[Valmet]		**110968**	14	70				
			111355	14	65				
Various Models							**110449**	12	3.6
							114254	12	2.7 GR
							110460	12	2.8
							110545	12	3.0
							110443	12	2.1
Eicher									
AGRICULTURE									
330, 2.0, Diesel	[EDK 2-9]	10.77- 12.80	**111649**	14	33				
3026, 5.9, Diesel	[EDL 6-1]	03.82- 03.97	**111649**	14	33				
		03.82-	**112098**	14	65				
3028, 5.9, Diesel	[EDL 6-5]	09.83-	**112098**	14	65				
3030, 5.9, Diesel	[EDL 6-6]	09.83-	**112098**	14	65				
3357, 3.0, Diesel	[EDL 3-8]	03.82- 12.87	**111649**	14	33				
3358, 3.0, Diesel	[EDL 3-8]	03.82- 12.87	**111649**	14	33				
3457, 3.0, Diesel	[EDL 3-9]	03.82- 12.87	**111649**	14	33				
3458, 3.0, Diesel	[EDL 3-9]	03.82- 12.87	**111649**	14	33				
3559, 3.9, Diesel	[EDL 4-4]	01.84- 01.99	**111649**	14	33				
3560, 3.9, Diesel	[EDL 4-4]	01.84- 01.99	**111649**	14	33				
3659, 3.9, Diesel	[EDL 4-5]	01.84- 01.99	**111649**	14	33				
3660, 3.9, Diesel	[EDL 4-6]	01.84- 01.99	**111649**	14	33				
3257, S, 3.0, Diesel	[EDL 3-7]	01.83- 12.87	**111649**	14	33				
3258 A, AS, 3.0, Diesel	[EDL 3-7]	03.82- 12.87	**111649**	14	33				
635 K, KA, 1.9, Diesel	[EDL 2-2]	01.86- 01.01	**111649**	14	33				
642 K, KA, 1.9, Diesel	[EDL 2-4]	01.86- 01.01	**111649**	14	33				
645 K, KA, 2.9, Diesel	[EDL 3-6]	01.86- 01.01	**111649**	14	33				
648 V, VA, 2.9, Diesel	[EDL 3-7.2]	01.87- 01.02	**111649**	14	33				
666 P,PA, 2.9, Diesel	[EDL 3-9.1]	01.87- 01.02	**111649**	14	33				
666 V, VA, 2.9, Diesel	[EDL 3-9.1]	01.86- 01.01	**111649**	14	33				
680 P, PA, 3.9, Diesel	[EDL 4-5.1]	01.87- 01.02	**111649**	14	33				
Various Models		01.77- 11.87	**111649**	14	33	01.72-	**110439**	12	2.0
						01.75-	**110819**	12	2.8
						01.75-	**110565**	12	2.8
Fahr									
AGRICULTURE									
M1000 Series		01.80- 12.87	**112736**	14	65				
		02.79- 12.81	**110641**	14	33				
		06.74- 12.80	**112097**	28	30				
M2000 Series		01.79- 12.87	**112736**	14	65				
M600 Series		02.79- 12.87	**110641**	14	33				
M700 Series		02.79- 12.87	**110641**	14	33				
M900 Series		02.79- 12.87	**110641**	14	33				
Fendt									
AGRICULTURE									
204, 3.8, Diesel	[F4L 912]	02.79- 08.88	**110641**	14	33	09.86- 12.91	**110536**	12	2.7
						01.92-	**112555**	12	3.1
205, 4.0, Diesel	[F4L 912]	02.79- 08.88	**110641**	14	33				
600, 5.7, Diesel	[D227-6]	02.78-	**112196**	14	143	02.78-	**111332**	12	2.7
610, 5.7, Diesel	[D226-6]	02.78-	**112196**	14	143	02.78-	**111332**	12	2.7
611, 6.2, Diesel	[D226-6]	02.76-	**112196**	14	143	02.76-	**111332**	12	2.7
612, 6.2, Diesel	[D226-6]	02.76-	**112196**	14	143	02.76-	**111332**	12	2.7
614, 6.2, Diesel	[TD226-6]	02.78-	**112196**	14	143	02.78-	**111332**	12	2.7
105S, 4.2, Diesel	[D226-4]					02.77- 02.92	**111332**	12	2.7
200 Series, 2.8, Diesel	[F3L912]	02.79- 08.88	**110077**	14	50	02.74- 12.91	**110536**	12	2.7
		02.79- 08.88	**110641**	14	33	10.92-	**112555**	12	3.1
		09.88-	**110881**	14	55				
204 P, 204 V, 3.8	[F4L912]	01.74- 12.96	**110641**	14	33	01.74- 12.96	**110536**	12	2.7
		01.74- 12.96	**110881**	14	55				
204 PA, 204 VA, 3.8	[F4L912]	01.74- 12.96	**110641**	14	33	01.74- 12.96	**110536**	12	2.7
		01.74- 12.96	**110881**	14	55				
300 SERIES, 4.2, Diesel	[D226..]	02.80- 08.04	**112196**	14	143	02.80-	**111332**	12	2.7
626 LS, 11.4, Diesel	[D2566ME]	02.82- 02.97	**112196**	14	143				

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

800 Series, 6.9, Diesel	[D286..]	06.93-	**113290#**	14	95	06.93-	**113353**	24 4.0
900 Series						01.93-	**113353**	24 4.0
Various Models	[TCD2013]		**114192**	14	200		**114475**	12 4.0
							114838	12 4.5 MI
			111978	14	120		**110536**	12 2.7
			114735	14	150		**112555**	12 3.1
						01.68- 12.74	**112039**	12 2.7
Ferrari								
AGRICULTURE								
86, 2.5, Diesel	[LDA 833]	06.80-	**111662**	14	33			
91, 0.4	[6LD400]					09.89- 02.92	**112034**	12 1.7
						03.92- 09.04	**112171**	12 1.1
92, 0.5	[3LD350]					09.89- 02.92	**112034**	12 1.7
						03.92- 09.04	**112171**	12 1.1
93		09.89-	**111662**	14	33			
94		09.89-	**111662**	14	33			
95, 1.3, Diesel	[8LD665.2]	11.88-	**111662**	14	33			
96, 2.7, Diesel	[5LD 824-3]	09.89-	**111662**	14	33			
305, 0.4	[6LD400]					09.89- 02.92	**112034**	12 1.7
						03.92- 09.04	**112171**	12 1.1
305, 0.5	[6L360]					09.89- 02.92	**112034**	12 1.7
						03.92- 09.04	**112171**	12 1.1
306, 0.4	[6LD400]					09.89- 02.92	**112034**	12 1.7
						03.92- 09.04	**112171**	12 1.1
307, 0.4	[6LD400]					10.90- 02.92	**112034**	12 1.7
						02.92-	**112171**	12 1.1
718, 0.7	[7LD665]					06.80- 12.83	**113268**	12 1.6
792, 0.4	[6LD400]					09.89- 02.92	**112034**	12 1.7
						03.92- 09.04	**112171**	12 1.1
794, 0.4	[6LD400]					09.89- 02.92	**112034**	12 1.7
						03.92- 09.04	**112171**	12 1.1
1100, 1.1, Diesel	[9LD 561]	12.85-	**111662**	14	33	12.85-	**112172**	12 1.6
1300, 1.3, Diesel	[8LD665.2]	12.85-	**111662**	14	33	12.85-	**112172**	12 1.6
40 WDT, 1.6, Diesel	[LDW1503]	04.91-	**111168**	14	55	04.91-	**110844**	12 2.2
72S, 0.7	[7LD665]					01.71-	**112171**	12 1.1
						01.71-	**113268**	12 1.6
95 RS, 1.7, Diesel	[5LD 825.2]	11.88-	**111662**	14	33			
95 RS, 1.9, Diesel	[11LD 625.3]		**111662**	14	33			
96 RS, 1.9, Diesel	[11LD 625.3]	09.89-	**111662**	14	33			
Fiat								
AGRICULTURE								
404, Diesel						01.84-	**110640**	12 3.0
						01.84-	**113381**	12 2.5
420, Diesel		04.82- 12.83	**111180**	14	33	01.84-	**110213**	24 6.6
						01.84-	**110640**	12 3.0
						01.84-	**113381**	12 2.5
440, Diesel						01.84-	**110813**	12 2.7
						01.84-	**110640**	12 3.0
						01.84-	**113381**	12 2.5
450, Diesel						01.84-	**110640**	12 3.0
						01.50- 08.80	**110813**	12 2.7
						01.84-	**113381**	12 2.5
455, Diesel						01.84-	**110640**	12 3.0
						01.84-	**113381**	12 2.5
						01.50-	**110813**	12 2.7
470, Diesel						01.84-	**110813**	12 2.7
						01.84-	**110640**	12 3.0
						01.84-	**113381**	12 2.5
480						01.72- 03.82	**110813**	12 2.7
							113381	12 2.5
666						01.84- 12.84	**110529**	12 3.0
766						01.75- 12.84	**110529**	12 3.0
880						04.73- 12.84	**110529**	12 3.0
1180						09.80- 12.83	**110529**	12 3.0
1280						09.80- 12.83	**110529**	12 3.0
1380						09.80- 12.83	**110529**	12 3.0
						09.80- 12.83	**110522**	12 3.0
1580						09.80- 12.83	**110522**	12 3.0
100.90, 5.4, Diesel	[8065.06.200]	05.87- 08.88	**111686**	14	65	06.84- 08.88	**110522**	12 3.0
1000, S, DT, DTS						01.73-	**110529**	12 3.0
110.90, 5.9, Diesel	[8065.05.220]	05.87- 08.88	**111686**	14	65	11.86- 08.88	**110522**	12 3.0
115.90, 5.9, Diesel	[8065.05.000]	05.87- 08.88	**111686**	14	65	01.84- 08.88	**110522**	12 3.0
129-16						01.79- 06.82	**110521**	24 4.0
130.90, 5.9, Diesel	[8065.25.010]	05.87- 08.88	**111686**	14	65	01.84- 08.88	**110522**	12 3.0
1300 DT, S						04.73- 12.79	**110529**	12 3.0
140.90, 5.9, Diesel	[8065.25.000]	05.87- 08.88	**111686**	14	65	01.84- 08.88	**110522**	12 3.0
160.90, 8.1, Diesel	[OM8365.25.5..]	05.87- 08.88	**111686**	14	65	01.84- 08.88	**110522**	12 3.0
180.90, 8.1, Diesel	[OM8365.25.5..]	05.87- 08.88	**111686**	14	65	01.84- 08.88	**110522**	12 3.0
45.66						01.85-	**110813**	12 2.7
500, DT	[8035.02.201]					06.73- 03.82	**110813**	12 2.7
						01.73-	**113381**	12 2.5
500S, Diesel		06.78- 03.82	**111180**	14	33	01.78- 01.82	**110640**	12 3.0
						01.78- 01.82	**113381**	12 2.5
						06.73- 03.82	**110813**	12 2.7
540, DT	[8035.02.302]	06.78- 03.82	**111180**	14	33	01.70- 06.78	**110813**	12 2.7
55.46, 2.7, Diesel	[8035.06...]					09.84-	**110813**	12 2.7
55.56						01.89-	**110813**	12 2.7
55.65, 2.7, Diesel	[8035.06...]					09.84-	**110813**	12 2.7
55.66, 2.7, Diesel	[8035.06...]					09.84-	**110813**	12 2.7

FIAT *Continued*

55.75						03.89-	**110813**	12	2.7
55.90, 2.7, Diesel	[8035.06.200]					03.84-	**110813**	12	2.7
570, DT						12.77- 12.84	**110813**	12	2.7
580, DT						12.77- 02.84	**110213**	24	6.6
						12.77- 02.84	**110529**	12	3.0
60.46, 2.9, Diesel	[8035.05…]					09.84-	**110813**	12	2.7
60.56						01.89-	**110813**	12	2.7
60.65, 2.9, Diesel	[8035.05…]					09.84-	**110813**	12	2.7
60.66, 2.9, Diesel	[8035.05…]					09.84- 08.88	**110813**	12	2.7
60.75						03.89-	**110813**	12	2.7
60.90, 2.9, Diesel	[8035.05.200]					03.84- 08.88	**110813**	12	2.7
640 DT						10.72- 07.82	**110529**	12	3.0
65.46, 3.6, Diesel	[8045.06..]					04.85- 08.88	**110529**	12	3.0
						04.85-	**110813**	12	2.7
65.66, 3.6, Diesel	[8045.06..]					06.87- 08.88	**110529**	12	3.0
						04.85-	**110813**	12	2.7
65.90, 3.6, Diesel	[8045.06..]					09.87- 08.88	**110529**	12	3.0
						04.85-	**110813**	12	2.7
665 C						06.82- 12.84	**110529**	12	3.0
670 DT						07.77- 02.84	**110529**	12	3.0
680 DT						07.77- 02.84	**110529**	12	3.0
70.65, 3.6, Diesel	[8045.06..]					10.84- 08.88	**110529**	12	3.0
						09.84-	**110813**	12	2.7
70.66, 3.6, Diesel	[8045.06..]					09.84- 08.88	**110529**	12	3.0
						09.84-	**110813**	12	2.7
70.90, 3.6, Diesel	[8045.06..]					03.84- 08.88	**110529**	12	3.0
						03.84-	**110813**	12	2.7
765 C						01.75- 12.84	**110529**	12	3.0
780 DT						01.75- 02.84	**110529**	12	3.0
80.65, 3.9, Diesel	[8045.05…]					10.84- 08.88	**110529**	12	3.0
						03.84-	**110813**	12	2.7
80.66, 3.9, Diesel	[8045.05…]					05.87- 08.88	**110529**	12	3.0
						03.84-	**110813**	12	2.7
80.75						03.84-	**110529**	12	3.0
80.90, 3.9, Diesel	[8045.05…]					03.84- 08.88	**110529**	12	3.0
						03.84-	**110813**	12	2.7
85.55, 3.9, Diesel	[8045.05…]					10.84- 08.88	**110529**	12	3.0
						10.84- 06.89	**110813**	12	2.7
855, C						04.73- 12.84	**110529**	12	3.0
880-5						09.80- 08.82	**110529**	12	3.0
						09.82- 06.84	**110522**	12	3.0
90.90, 4.9, Diesel	[8055.05.200]					06.84- 08.88	**110522**	12	3.0
95.55, 4.9, Diesel	[8055.05.205]					10.84- 08.88	**110522**	12	3.0
F-100-F						01.84-	**110522**	12	3.0
F-110						01.84-	**110522**	12	3.0
F-120-F						01.84-	**110522**	12	3.0
F130						01.84-	**110522**	12	3.0
Various Models						06.72-	**110813**	12	2.7
						09.81- 12.82	**110529**	12	3.0
Fiat-Allis									
AGRICULTURE									
65 B, 5.9, Diesel	[8061..]	01.86- 01.01	**111419**	28	55	01.86- 01.01	**110521**	24	4.0
FA 150, 8.1, Diesel	[8365.25.542]					12.86- 03.99	**110999**	24	
FA 200						01.84- 12.89	**110347**	24	7.5
FD 14						04.84- 12.89	**110347**	24	7.5
FD 14E, 8.1, Diesel	[8365.25.541]					12.88- 12.92	**110999**	24	
FD 20, 5.9, Diesel	[8215.02.520]					03.84- 03.99	**110347**	24	7.5
FD 30C, 17.0, Diesel	[8285.22.004]	10.90-	**111419**	28	55				
FE 16						10.83- 12.87	**110521**	24	4.0
FE 45						09.87-	**110347**	24	7.5
FG 65, A						03.84- 01.88	**110529**	12	3.0
FH 400						11.89-	**110347**	24	7.5
FL 20						03.84-	**110347**	24	7.5
FR 130, 5.9, Diesel	[8065.25..]	04.90- 04.05	**111419**	28	55				
FR 160, 8.1, Diesel	[8365.25..]	07.90-	**111419**	28	55	01.80- 01.83	**110522**	12	3.0
						07.90-	**110999**	24	
FR 20						01.86- 12.90	**110347**	24	7.5
FR 20, B						01.86- 12.90	**110347**	24	7.5
FR 220, 9.5, Diesel	[8465.21..]	01.91-	**111419**	28	55				
FR 7						12.82- 03.85	**110517**	24	3.2
						04.85- 04.88	**110521**	24	4.0
FR 9						12.82- 09.85	**110521**	24	4.0
Various Models, Diesel		01.70- 01.73	**110075**	14	60		**111041**	12	2.8
		01.80-	**110801**	28	45		**110518**	24	4.0
		01.83- 01.88	**110952**	28	40	01.77- 01.97	**110640**	12	3.0
		01.72- 01.80	**110504**	14	90	01.69- 01.70	**110818**	12	2.1
		01.75- 12.84	**111180**	14	33	03.85	**110517**	24	3.2
		04.83- 03.89	**110912**	14	55	12.88	**110521**	24	4.0
			112992	28	70		**110813**	12	2.7
		01.74- 01.91	**110639#**	14	36	11.70- 12.82	**110529**	12	3.0
							113381	12	2.5
							110347	24	7.5
						01.60-	**111000**	24	6.5
						06.83- 06.87	**110210**	24	6.6
						07.87- 06.89	**110206**	24	5.4
						01.80- 06.85	**110531**	24	6.6
							110208	24	5.4
						01.72- 01.80	**113534**	12	3.0
						01.71- 01.75	**111737**	12	2.8

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

Various Models							01.70- 01.82	**110520**	24 4.0
Ford									
AGRICULTURE									
1320	[3-77]	01.87- 01.98	**113562**	14 40			01.87- 01.98	**111703**	12 2.0
							01.87- 01.98	**112177**	12 1.7
1520	[3-81]	01.87- 01.97	**113562**	14 40			01.87- 01.98	**111703**	12 2.0
							01.87- 01.98	**112177**	12 1.7
1530	[3-81]	01.96- 01.98	**113562**	14 40			01.96- 01.98	**112177**	12 1.7
1620	[3-81]	01.91- 01.97	**113562**	14 40			01.92- 01.97	**111703**	12 2.0
							01.76- 01.79	**112177**	12 1.7
1630	[3-81]	01.96- 01.98	**113562**	14 40			01.97- 01.99	**112177**	12 1.7
1710							01.83- 01.87	**112177**	12 1.7
								111275	12 2.0
1715	[3-81]	01.93- 01.97	**113562**	14 40			01.93- 01.97	**112177**	12 1.7
1720	[3-91]	01.87- 01.02	**113562**	14 40			01.87- 01.02	**112177**	12 1.7
1725	[3-81]	01.96- 01.98	**113562**	14 40			01.96- 01.98	**112177**	12 1.7
1910							01.84- 01.88	**110552**	12 1.2
1920	[4-122]	01.87- 01.02	**113562**	14 40			01.88- 01.98	**113696**	12 2.0
1925	[3-91]	01.96- 01.98	**113562**	14 40			01.96- 01.98	**112177**	12 1.7
2000	[158CID.]	09.71- 02.72	**111289**	14 70			01.69- 12.74	**110462**	12 2.8
2120	[4-139]	01.87- 01.02	**113562**	14 40					
2600		01.88-	**111363**	14 45					
		01.88-	**111739**	14 55					
		01.88-	**111740**	14 70					
			111185	14 43	A47				
3000	[175CID]	04.68- 12.74	**110484**				04.68- 12.74	**110462**	12 2.8
3415	[4-135]	01.93- 01.02	**113562**	14 40			01.93- 01.98	**113696**	12 2.0
3600	[175CID]	01.75- 12.81	**111185**	14 43	A47		01.75- 12.81	**110462**	12 2.8
		01.75- 12.81	**111363**	14 45					
		01.75- 12.81	**111739**	14 55					
		01.88-	**111740**	14 70					
3610	[192CID]	01.81- 01.96	**111739**	14 55			01.81- 01.96	**110462**	12 2.8
		01.88- 01.96	**111363**	14 45					
3910							01.82- 01.84	**110462**	12 2.8
4000	[201CID]	01.68- 12.75	**110484**				01.68- 12.75	**110462**	12 2.8
4100	[183CID]	01.75- 12.81	**111185**	14 43	A47		01.75- 12.81	**110462**	12 2.8
		01.88-	**111363**	14 45					
		01.88-	**111739**	14 55					
		01.88-	**111740**	14 70					
4110		01.88- 01.89	**111739**	14 55			01.81- 01.89	**110462**	12 2.8
		01.88- 01.89	**111363**	14 45					
4130		06.90- 06.05	**111739**	14 55			06.90- 06.05	**110462**	12 2.8
		06.90- 06.05	**111363**	14 45					
4600	[201CID]	01.75- 12.78	**111185**	14 43	A47		01.75- 12.78	**110462**	12 2.8
		01.88-	**111363**	14 45					
		01.88-	**111739**	14 55					
		01.88-	**111740**	14 70					
4610		01.81- 01.89	**111739**	14 55			01.81- 01.89	**110462**	12 2.8
		01.88- 01.89	**111363**	14 45					
4830							06.90- 06.05	**110462**	12 2.8
5000	[256CID]	01.68- 01.71	**110484**				01.68- 12.77	**110462**	12 2.8
5600	[233CID]						01.75- 12.77	**110462**	12 2.8
5610	[256CID]						01.81- 12.91	**110462**	12 2.8
5640	[4-268D]	01.94- 01.97	**113623**	14 70					
		01.94- 01.97	**113623**	14 70			01.92- 01.97	**110462**	12 2.8
		01.92- 01.97	**112718**	14 100					
6600	[256CID]	01.75- 01.81	**111185**	14 43	A47		01.75- 01.81	**110462**	12 2.8
		01.88-	**111363**	14 45					
		01.88-	**111739**	14 55					
		01.88-	**111740**	14 70					
6610	[401CID]	01.81- 01.96	**111739**	14 55			01.81- 01.96	**110462**	12 2.8
		01.81- 01.91	**111740**	14 70					
		01.88- 01.96	**111363**	14 45					
6640		01.94- 01.97	**113623**	14 70			01.92- 01.97	**110462**	12 2.8
		01.92- 01.97	**112718**	14 100					
6640		01.94- 01.97	**113623**	14 70					
6700		01.88-	**111363**	14 45					
		01.88-	**111739**	14 55					
		01.88-	**111740**	14 70					
7600		01.88-	**111363**	14 45					
		01.88-	**111739**	14 55					
		01.88-	**111740**	14 70					
			111185	14 43	A47				
7610		06.90- 06.05	**111739**	14 55			06.90- 06.05	**110462**	12 2.8
		06.90- 06.05	**111363**	14 45					
7700		01.88-	**111363**	14 45					
		01.88-	**111739**	14 55					
		01.88-	**111740**	14 70					
			111185	14 43	A47				
7710		01.87- 01.91	**111740**	14 70					
7740		01.94- 01.97	**113623**	14 70			01.86- 01.97	**112074**	12 3.1
		01.92- 01.97	**112718**	14 100			01.92- 01.97	**110462**	12 2.8
7810		06.90- 06.05	**111740**	14 70			01.96- 06.05	**112074**	12 3.1
							06.90- 06.05	**110462**	12 2.8
7840		01.94- 01.97	**113623**	14 70			01.96- 01.97	**112074**	12 3.1
		01.92- 01.97	**112718**	14 100			01.92- 01.97	**110462**	12 2.8
8210		01.82- 01.91	**110170**	14 72			06.90- 06.05	**110462**	12 2.8
8240		01.94- 01.97	**113623**	14 70			01.96- 01.96	**112074**	12 3.1
		01.92- 01.96	**112718**	14 100			01.92- 01.96	**110462**	12 2.8

FORD *Continued*

8340		01.94- 01.97	**113623**	14	70		01.96- 01.97	**112074**	12 3.1
		01.92- 01.97	**112718**	14	100		01.92- 01.97	**110462**	12 2.8
8600	[401CID]	01.75- 12.76	**111185**	14	43	A47	01.75- 12.76	**110462**	12 2.8
		01.88-	**111363**	14	45				
		01.88-	**111739**	14	55				
		01.88-	**111740**	14	70				
8630		06.90- 06.05	**111739**	14	55		06.90- 06.05	**110462**	12 2.8
		06.90- 06.05	**111363**	14	45				
8670		01.94- 12.97	**112996**	14	115				
8700		01.88-	**111739**	14	55				
			111185	14	43	A47			
8730							06.90- 06.05	**110462**	12 2.8
8770		01.94- 12.97	**112996**	14	115				
8830							06.90- 06.05	**110462**	12 2.8
8870		01.94- 12.97	**112996**	14	115				
8970		01.94- 12.97	**112996**	14	115				
9280		01.94- 12.97	**112996**	14	115				
9480		01.94- 12.97	**112996**	14	115				
9680		01.94- 12.97	**112996**	14	115				
9700		01.77- 01.79	**111185**	14	43	A47	01.77- 01.79	**110462**	12 2.8
		01.88-	**111739**	14	55				
9880		01.94- 12.97	**112996**	14	115				
TW 10							01.79- 01.82	**110462**	12 2.8
TW 15		01.83- 01.87	**110170**	14	72		01.83- 01.87	**110462**	12 2.8
TW 20		01.79- 01.82	**110170**	14	72		01.79- 01.82	**110462**	12 2.8
TW 25		01.83- 01.89	**110170**	14	72		01.83- 01.89	**110462**	12 2.8
TW 30							01.79- 01.82	**110462**	12 2.8
TW 35		01.83- 01.89	**110170**	14	72		01.83- 01.89	**110462**	12 2.8
Various Models		01.86- 01.92	**111713**	14	105		01.86- 12.88	**113125**	12
		01.94- 01.98	**113623**	14	70			**111798#**	24 7.8
		01.87- 01.02	**113562**	14	40			**111300**	12 1.4
		01.65-	**110484**						
Fortschritt									
AGRICULTURE									
Various Models								**110511#**	24 4.0
Goldoni									
AGRICULTURE									
25, 1.0, Diesel	[12LD475]	11.90- 12.91	**111662**	14	33		11.90- 12.91	**112034**	12 1.7
35, 1.3, Diesel	[8LD665.2]	03.91-	**111662**	14	33				
50, 1.9, Diesel	[11LD626]	11.90-	**111662**	14	33				
60, 2.0, Diesel	[VM-RA 394]	11.90-	**110077**	14	50				
		11.90-	**110641**	14	33				
149, 0.6	[RF140]						06.84- 06.99	**112034**	12 1.7
238, 1.6, Diesel		01.77-	**111662**	14	33				
245, 1.9, Diesel	[11LD 625.3]	01.89-	**111662**	14	33				
718, 0.7	[7LD665]						01.74- 06.82	**113268**	12 1.6
938, 1.7, Diesel	[5LD 825.2]	09.88- 04.90	**111662**	14	33				
1038, 1.7, Diesel		01.80- 12.85	**111662**	14	33				
1055, 1.8, Diesel	[VM-RA 394]	03.87- 04.90	**110641**	14	33				
3050, 1.8, Diesel	[VM-RA 394]	04.86- 06.91	**110641**	14	33				
3050, 2.1, Diesel	[VM-HR 394]	06.91-	**112768**	14	55				
3070, 2.1, Diesel	[VM-HR 394]	06.91-	**112768**	14	55				
	[VM-RA 394]	06.90- 06.91	**110641**	14	33				
3445, 1.9, Diesel	[11LD 625.3]	10.88-	**111662**	14	33				
40 B, 1.6, Diesel	[11LD 535.3]	06.91-	**111662**	14	33				
50 B, 1.9, Diesel	[11LD 626.3]	06.91-	**111662**	14	33				
55 B, 2.0, Diesel	[VM-HR 394HP]	09.91-	**112768**	14	55				
933 DT, 1.3, Diesel	[8LD665.2]	09.88-	**111662**	14	33				
945 DT, 1.9, Diesel	[11LD 625.3]	04.90-	**111662**	14	33				
945 RS, 1.9, Diesel	[11LD 625.3]	04.90-	**111662**	14	33				
Cingolato C45, 2.0, Diesel	[VM-RA 394]	04.91-	**110641**	14	33				
		04.91-	**112768**	14	55				
Cingolato C60, 3.0, Diesel	[VM-SUN 3105]	04.91-	**110641**	14	33				
		04.91-	**112768**	14	55				
FC90D, 0.4	[6LD..]						04.91- 02.92	**112034**	12 1.7
Various Models							04.82-	**110813**	12 2.7
								112171	12 1.1
							01.74-	**112034**	12 1.7
							06.91-	**110844**	12 2.2
							01.74- 06.82	**113268**	12 1.6
								113381	12 2.5
								115423	12 3.0
Grasshopper									
AGRICULTURE									
722d	[Kubota]							**114686**	12 1.3
Gravely									
AGRICULTURE									
								114674	12 0.6
Hattat Tarim									
AGRICULTURE									
A-Series								**114388**	12 3.2 IS
								113655	12 3.0 MA
Hitachi									
AGRICULTURE									
Zaxis 135US	[4BG1TC]							**114324**	24 4.5
Zaxis 200 Forester	[6BG1T]	01.99-	**113886**	28	50				
Zaxis 250 Forester	[6BG1T]	01.99-	**113886**	28	50				

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

Hough							
AGRICULTURE							
Various Models					01.89-	**112668**	12 2.5
Huerlimann							
AGRICULTURE							
Various Models					03.79-	**110530**	12 3.0
Inter Harv.							
AGRICULTURE							
1455 A, 6.6	[DT-402]	01.79- 12.96	**112160**	28 75			
Iseki							
AGRICULTURE							
234		01.82- 01.84	**111042**	14 35			
235		01.85- 01.90	**111042**	14 35			
244		01.82- 01.84	**111042**	14 35			
245		01.85- 01.90	**111042**	14 35			
254		01.82- 01.84	**111042**	14 35			
255		01.85- 01.90	**111042**	14 35			
265		01.85- 01.90	**111042**	14 35			
275		01.85- 01.90	**111042**	14 35			
325			**113699#**	14 40			
530			**113921**	14 40			
			111048	14 40			
2140			**111042**	14 35		**110933**	12 1.4
4451						**111683**	12 2.0
SL 3410, 3610, 3615, 3645	[3KC1, 3KR1]				01.85- 01.92	**111098**	12 1.0
TH185, Compact Tractor	[ISEKI 3112]				01.07-	**114860**	12 1.1
TM16, Compact Tractor	[ISEKI 3112]				01.07-	**114860**	12 1.1
TM3215, Compact Tractor	[ISEKI 3112]					**114860**	12 1.1
TM3245, Compact Tractor	[ISEKI 3112]					**114860**	12 1.1
TQ13, Compact Tractor	[ISEKI 3112]				01.07-	**114860**	12 1.1
TQ15, Compact Tractor	[ISEKI 3112]				01.07-	**114860**	12 1.1
TQ17, Compact Tractor	[ISEKI 3112]				01.07-	**114860**	12 1.1
TXG237, Compact Tractor	[ISEKI 3112]				01.07-	**114860**	12 1.1
Various Models			**114190**	14 60		**110933**	12 1.4
Jacobsen							
AGRICULTURE							
Lawn Mower	[VM Motori]					**114055**	12 2.3
JCB							
AGRICULTURE							
Excavators	[Isuzu 6BG1]					**114483**	24 4.5
Various Models			**114772**	14 95		**114320**	12 3.0
						114264	12 4.2
John Deere							
AGRICULTURE							
316	[Onan]				01.84- 01.92	**113015**	12
318	[Onan]				01.84- 01.92	**113015**	12
420	[Onan]				01.83- 01.91	**113015**	12
482, Cotton Pickers					01.80- 01.83	**111221**	12 2.5
484, Cotton Pickers					01.80- 01.83	**111221**	12 2.5
985, 7.6					03.87- 03.02	**111224**	12 4.0
1032, 4.0		10.83- 06.89	**110105**	14 55	10.92- 10.98	**111755**	12 3.0
1042, 4.0		10.83- 06.89	**110105**	14 55	10.92- 10.98	**111755**	12 3.0
1052, 4.0		10.83- 06.89	**110105**	14 55	10.92- 10.98	**111755**	12 3.0
1055, 5.9		10.83- 06.89	**110105**	14 55	10.92- 10.98	**111755**	12 3.0
1065, 5.9		03.94-	**111215**	14 120			
		03.94-	**113632**	14 85			
		03.94-	**113531**	14 120			
1068, 5.9		03.94-	**111215**	14 120	01.92- 10.96	**111755**	12 3.0
		03.94-	**113632**	14 85			
		03.94-	**113531**	14 120			
1072, 5.9		03.94-	**111215**	14 120			
		03.94-	**113632**	14 85			
		03.94-	**113531**	14 120			
1075, 5.9		03.94-	**111215**	14 120	10.81- 12.96	**111755**	12 3.0
		03.94-	**113632**	14 85			
		03.94-	**113531**	14 120			
1085, 7.6		03.94-	**111215**	14 120	02.82- 02.97	**111755**	12 3.0
		03.94-	**113632**	14 85			
		03.94-	**113531**	14 120			
1200	[Kawasaki]					**113734#**	12 0.6
1445, Diesel, Mower	[Yanmar]					**114400**	12 1.0
1545, Diesel, Mower	[Yanmar]					**114400**	12 1.0
2254					01.85- 01.92	**111755**	12 3.0
2256					01.85- 01.92	**111755**	12 3.0
2264					01.85- 01.92	**111755**	12 3.0
2266					01.85- 01.92	**111755**	12 3.0
2450					01.85- 01.92	**111755**	12 3.0
2630					01.74- 01.75	**111221**	12 2.5
2640					01.76- 01.82	**111221**	12 2.5
2650					01.85- 01.92	**111755**	12 3.0
2850					01.85- 01.92	**111755**	12 3.0
3120			**113742**	14 40			
3320			**113742**	14 40			
3520			**113742**	14 40			
3650					01.85- 01.92	**111755**	12 3.0
4055, 7.6	[6076 TRW-06]	01.89- 06.92	**111215**	14 120			
4120	[4024T]					**113900**	12 2.2
4200			**113742**	14 40			
4210			**113742**	14 40			

JOHN DEERE *Continued*

4255, 7.6	[6076 TRW..]	01.89- 06.92	**111215**	14	120				
4300			**113742**	14	40				
4310			**113742**	14	40				
4320	[4024T]						**113900**	12	2.2
4400			**113742**	14	40				
4410			**113742**	14	40				
4450, 7.6		05.83- 12.88	**110445**	14	90	05.83- 12.88	**111224**	12	4.0
4455	[6076 TRW..]	01.89- 06.92	**110445**	14	90	01.89- 06.92	**111224**	12	4.0
4500			**113742**	14	40				
4510			**113742**	14	40				
4520	[4024T]						**113900**	12	2.2
4600			**113742**	14	40				
4610			**113742**	14	40				
4700			**113742**	14	40				
4710			**113742**	14	40				
4720	[4024T]						**113900**	12	2.2
4755, 7.6	[6076 TRW..]	01.89- 05.94	**111215**	14	120				
4955, 7.6	[6076 A]	09.89- 01.92	**111215**	14	120				
5210							**113478**	12	2.8
5225							**113900**	12	2.2
5310							**113478**	12	2.8
5325							**113900**	12	2.2
5410							**113478**	12	2.8
6020		01.94-	**112529**	14	90				
6100, 4.5			**113632**	14	85				
6110, 4.5		01.97-	**112062**	14	115				
6120, 4.5		01.94-	**112529**	14	90				
		01.94-	**113949**	14	150				
6200, 3.9			**113632**	14	85				
6205						01.94-	**115609***	12	3.0 GR
						01.94-	**112442**	12	3.0 DD
6220, 3.9		01.94-	**112529**	14	90				
		01.94-	**113949**	14	150				
6230, 4.5			**114681**	14	90				
6320, 3.9		01.94-	**113949**	14	150	01.94-	**113478**	12	2.8
			112062	14	115				
		01.94-	**112529**	14	90				
6330, 4.5			**114681**	14	90				
6420, 4.5			**112062**	14	115				
		01.94-	**112529**	14	90				
		01.94-	**113949**	14	150				
6430, 4.5			**114681**	14	90				
6505						01.94-	**115609***	12	3.0 GR
						01.94-	**112442**	12	3.0 DD
6506							**112442**	12	3.0 DD
							115609*	12	3.0 GR
6510						01.94-	**115609***	12	3.0 GR
						01.94-	**112442**	12	3.0 DD
6520		01.94-	**113949**	14	150	01.94-	**112442**	12	3.0 DD
		01.94-	**112529**	14	90	01.94-	**115609***	12	3.0 GR
6610						01.94-	**115609***	12	3.0 GR
						01.94-	**112442**	12	3.0 DD
6620			**112062**	14	115	01.94-	**112442**	12	3.0 DD
		01.94-	**112529**	14	90	01.94-	**115609***	12	3.0 GR
		01.94-	**113949**	14	150				
6810, 10.0						08.91-	**115609***	12	3.0 GR
						08.91-	**112442**	12	3.0 DD
6820		01.94-	**112529**	14	90	01.94-	**112442**	12	3.0 DD
						01.94-	**115609***	12	3.0 GR
6910		01.97-	**112062**	14	115	01.94-	**112442**	12	3.0 DD
						01.94-	**115609***	12	3.0 GR
6920		01.94-	**112529**	14	90	01.94-	**112442**	12	3.0 DD
			112062	14	115	01.94-	**115609***	12	3.0 GR
		01.94-	**113949**	14	150				
7130			**114681**	14	90		**114275**	12	4.0
7230			**114681**	14	90		**114275**	12	4.0
7430		09.06-	**113707**	14	200				
7530		09.06-	**113707**	14	200				
7710		01.96-	**111830**	14	140				
7800, 7.6		09.92- 01.96	**111830**	14	140				
7810		01.96-	**111830**	14	140				
8120, 7.6	[6076 HRW35]	01.01-	**113899**	14	150				
		08.94-	**111830**	14	140				
8120, 8.1	[6081 HRW06]	03.96-	**111830**	14	140				
8220, 7.6	[6076 HRW35]	01.01-	**113899**	14	150				
		08.94-	**111830**	14	140				
8320		01.01-	**113899**	14	150				
8420		01.01-	**113899**	14	150				
8520		01.01-	**113899**	14	150				
9630			**114211***	14	200				
9910, Cotton Pickers						01.79- 01.83	**111221**	12	2.5
9920, Cotton Pickers						01.83- 01.83	**111221**	12	2.5
100F, 3.0, Diesel, Orchard	[VM Motori]						**114055**	12	2.3
6100D							**115314**	12	2.5
6125D							**115314**	12	2.5
6140D							**115314**	12	2.5
6420 S, 4.5			**112062**	14	115				
		01.94-	**112529**	14	90				
		01.94-	**113949**	14	150				

76F, 2.7, Diesel, Orchard	[VM Motori]					**114055**	12 2.3
85F, 2.7, Diesel, Orchard	[VM Motori]					**114055**	12 2.3
AMT 622					01.88- 01.90	**113734#**	12 0.6
AMT 626					01.90- 01.92	**113734#**	12 0.6
GT225	[Kohler]					**112546**	12 0.6
L105	[Briggs & Stratton]					**113853**	12
LX173	[Kohler]				01.96- 01.96	**112546**	12 0.6
LX255	[Kohler]					**112546**	12 0.6
STX30	[Kohler]				01.89- 01.93	**112546**	12 0.6
STX38	[Kohler]				01.89- 01.93	**112546**	12 0.6
Various Models			**113975**	14 150	01.79- 01.82	**112568**	12
			114211*	14 200		**113983**	12 3.0
		03.71- 03.88	**111649**	14 33		**113539**	12
		01.88- 01.95	**111713**	14 105		**113596**	12 0.6
			111215	14 120		**113597**	12 0.6
		01.81- 01.97	**113632**	14 85		**113663**	12 0.7
		09.79- 10.86	**110105**	14 55		**113007#**	24 4.0
			114263	14 50		**110412**	12 2.2
		01.98-	**112160**	28 75	09.67- 10.86	**111755**	12 3.0
			114379	14 150		**113853**	12
			114518	14 55		**114197**	12 1.1
		01.94- 01.98	**113401**	14 40		**114195**	12 3.0
		01.92- 01.98	**113531**	14 120		**114277**	24 7.5
		01.99- 01.03	**113543**	14 55	01.89- 01.96	**113017**	12
		01.98-	**111647**	28 60	01.66- 01.83	**112564**	12
		01.88- 01.95	**112996**	14 115		**114459**	12 4.8
		01.99- 01.03	**113542**	14 55		**111254**	24 4.5
			114735	14 150		**112246**	12 0.6
						110552	12 1.2
						111087	12 1.0
						110510	12 0.5
						114712	24 7.5
Various models, Tractor			**114864**	28 75		**114823**	12 0.6
Various Models	[Kawasaki]					**113734#**	12 0.6
			115320*	14 45		**114486**	12
			115435	14 50		**114401**	12 1.2
						114674	12 0.6
X300	[Kawasaki]					**114888**	12
X300R	[Kawasaki]					**114888**	12
X304	[Kawasaki]					**114888**	12
KHD							
AGRICULTURE							
DX250, 9.6						**114437**	24 5.4
Various Models			**115309**	28 35		**114676**	12 2.2
Kubota							
AGRICULTURE							
6800	[V3300]	01.02-	**114807**	14 60			
8200	[V3300]	01.02-	**114807**	14 60			
9000	[V3300]	01.02-	**114807**	14 60			
B2320	[D1105-E3]	01.08-	**114657**	14 14			
B2920	[D1305-E3]	01.08-	**114657**	14 14			
F2260						**114485**	12 1.1
F2560						**114485**	12 1.1
L2250	[D1302]				01.85- 01.90	**113893**	12 1.2
L2500	[D1403]					**113893**	12 1.2
L2550	[D1402]				01.85- 01.96	**113893**	12 1.2
L2650	[D1402]				01.90- 01.96	**113893**	12 1.2
L2800	[D1403]					**113893**	12 1.2
L2900	[D1503]				01.94- 01.98	**113893**	12 1.2
L2950	[D1462]				01.91- 01.93	**113893**	12 1.2
L3010	[D1503]				01.98- 01.02	**113893**	12 1.2
L3130	[D1503]				01.03- 01.05	**113893**	12 1.2
L3300	[D1703]				01.94- 01.98	**113893**	12 1.2
L3400	[D1703]					**113893**	12 1.2
L3410	[D1703]				01.98- 01.02	**113893**	12 1.2
L3430	[D1703]				01.03- 01.05	**113893**	12 1.2
L35	[D1703]					**113893**	12 1.2
L3540	[D1803]				01.07-	**115322**	12 1.4
L3830	[D1803]				01.07-	**115322**	12 1.4
L3940	[V2006]				01.07-	**115322**	12 1.4
M6040	[V3307]					**115378**	12 2.5
M7040	[V3307]					**115378**	12 2.5
M7580DT	[V4302]	01.91- 12.98	**114515**	14 45			
M8580DT	[V4702A]	01.91- 12.98	**114515**	14 45			
Various Models			**114515**	14 45		**114501**	12 1.0
			114516	14 14		**114259**	12 2.5
Lamborghini							
AGRICULTURE							
105, Diesel, Formula	[1004.4]				03.89- 12.99	**111001**	12 3.0
115, 6.0, Diesel, Formula	[1000.6]	12.89-	**111686**	14 65	12.89- 12.99	**111001**	12 3.0
135, 6.0, Diesel, Formula	[1000.6]	12.89-	**111686**	14 65	12.89- 12.99	**110530**	12 3.0
165, 6.0, Diesel, Racing	[1000.6]	05.91-	**111686**	14 65	05.91- 12.99	**110530**	12 3.0
190, 6.0, Diesel, Rasing	[1000.6]	01.92-	**111686**	14 65	01.92- 12.99	**110530**	12 3.0
775, 4.0, Diesel	[1000.4]	06.87- 12.99	**110882**	14 45	06.87- 12.99	**111001**	12 3.0
					06.87- 12.99	**110530**	12 3.0
804, 4.6	[FL1104]				06.73- 12.79	**110551**	12 3.0
904, 5.0	[FL1154]				03.73- 12.79	**110551**	12 3.0
1106, 5.5, Diesel, 2RM	[916.6]	01.84- 05.85	**110882**	14 45			
1306, 5.5, TD, DT	[916.6]	01.84- 05.85	**110882**	14 45			

LAMBORGHINI *Continued*

1506, 6.8, TD	[1106HT]	01.84- 05.85	**110882**	14	45				
1706, 6.8, TD	[1106]	01.84- 05.85	**110882**	14	45				
660 F, 3.0, Diesel	[1000.3]					06.87- 12.99	**111001**	12	3.0
674-70, 4.0, Diesel	[1000.4]	06.86- 12.99	**110882**	14	45	06.86- 12.99	**111001**	12	3.0
						06.86- 12.99	**110530**	12	3.0
674-70 N, 4.0, Diesel	[1000.4]	06.86- 12.95	**110882**	14	45	06.86- 12.95	**111001**	12	3.0
						06.86- 12.95	**110530**	12	3.0
674-70 N, 4.0, Diesel, Bosso	[1000.4]	06.86- 12.95	**110882**	14	45	06.86- 12.95	**111001**	12	3.0
						06.86- 12.95	**110530**	12	3.0
774-80, 4.0, Diesel	[1000.4]	06.86- 12.99	**110882**	14	45	06.86- 12.99	**111001**	12	3.0
						06.86- 12.99	**110530**	12	3.0
774-80 DT, 4.0, Diesel	[1000.4]	06.86- 12.99	**110882**	14	45	06.86- 12.99	**111001**	12	3.0
						06.86- 12.99	**110530**	12	3.0
774-80 N, 4.0, Diesel	[1000.4]	06.86- 12.99	**110882**	14	45	06.86- 12.99	**111001**	12	3.0
						06.86- 12.99	**110530**	12	3.0
874-90, 4.0, Diesel	[1000.4]	06.86- 12.99	**110882**	14	45	06.86- 12.99	**111001**	12	3.0
						06.86- 12.99	**110530**	12	3.0
956 DT, 5.5, Diesel	[916.6]	01.84- 05.85	**110882**	14	45	01.84- 12.99	**111001**	12	3.0
						01.84- 12.99	**110868#**	12	1.1
956-2 RM, 5.5, Diesel	[916.6]	01.84- 05.85	**110882**	14	45				
C 554, 2.8, Diesel	[100.3P]	06.87- 12.00	**111180**	14	33				
C 664, 3.1, Diesel						06.87- 12.00	**111001**	12	3.0
C 774-80, 4.0, Diesel	[1000.4]	06.86- 12.00	**110882**	14	45	06.86- 12.00	**111001**	12	3.0
						06.86- 12.00	**110530**	12	3.0
C 874-90, 4.0, Diesel	[1000.4]	09.90- 12.00	**110882**	14	45	09.90- 12.00	**111001**	12	3.0
C603, 3.1	[FL1104]					06.73- 06.76	**110551**	12	3.0
R 235 S, 1.8, Diesel		01.83- 09.90	**111649**	14	33				
R 513, 2.7, Diesel	[983L]	03.83- 12.95	**111180**	14	33				
R704, 4.6	[FL1104]					06.73- 04.78	**110551**	12	3.0
Various Models		12.80- 12.84	**110890**	14	55		**111284**	12	2.5
		01.84- 08.85	**110882**	14	45				
		06.78- 12.95	**111180**	14	33				
		07.86- 12.99	**111686**	14	65				
		03.71- 03.84	**110641**	14	33				
		04.81- 01.85	**111649**	14	33				
Landini									
AGRICULTURE									
55, 2.7	[Perkins]		**113474**	14	65				
60, 2.7	[Perkins]		**113474**	14	65				
60	[Perkins]		**113474**	14	65				
65, 2.7	[Perkins]		**113474**	14	65				
65, 4.0	[Perkins]		**113474**	14	65				
70, 4.0	[Perkins]		**113474**	14	65				
75, 4.2	[Perkins]		**113474**	14	65				
80, 4.0	[Perkins]		**113474**	14	65				
80, 4.2	[Perkins]		**113474**	14	65				
80	[Perkins]		**113474**	14	65				
90, 4.0	[Perkins]		**113474**	14	65				
90, 4.2	[Perkins]		**113474**	14	65				
100, 4.0	[Perkins]		**113474**	14	65				
100, 4.0, GT	[Perkins]		**113474**	14	65				
100, 4.2	[Perkins]		**113474**	14	65				
5860, 2.7	[Perkins]		**113474**	14	65				
Various Models, 4.0	[Perkins]		**113474**	14	65				
Various Models							**114107**	12	3.2
4.0	[Perkins]		**113474**	14	65		**115536**	12	2.8
	[Perkins]		**113474**	14	65		**115536**	12	2.8
Laverda									
AGRICULTURE									
3400		05.89-	**111419**	28	55				
3500		05.89-	**111419**	28	55				
3790		06.85-	**111686**	14	65				
3850		01.91-	**111686**	14	65				
3900		01.83- 12.85	**112097**	28	30				
L 521		03.92-	**111686**	14	65				
L 624		03.92-	**111686**	14	65				
MX 300		03.87- 10.90	**112097**	28	30				
Lombardini									
AGRICULTURE									
Various Models, 0.3	[IM..]					01.75-	**115423**	12	3.0
Various Models, 1.7		02.82- 11.86	**111662**	14	33				
Long									
AGRICULTURE									
350, 2.3	[Fiat]					05.74- 12.89	**110640**	12	3.0
445, 2.3	[Fiat]					05.74- 12.89	**110640**	12	3.0
550, 3.1	[Fiat]					05.74- 12.89	**110640**	12	3.0
Mahindra									
AGRICULTURE									
Various Models	Tractor.		**113683**	14	36		**112163**	12	2.0
							113670	12	2.2
Marshall									
AGRICULTURE									
D 100, 5.2, Diesel	[WD611.88]	01.90- 09.94	**113469**	14	33				
D 135, 6.6, Diesel	[WD612.87]	01.90-	**110881**	14	55				
		01.90- 09.94	**113469**	14	33				
D 150, 6.6, Diesel	[WD612.86]	01.90-	**110881**	14	55				
		01.90- 09.94	**113469**	14	33				
D 642, 3.5, Diesel	[WD411.44]	01.90-	**110881**	14	55				
		01.90- 09.94	**113469**	14	33				

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

D 644, 3.5, Diesel	[WD411.44]	01.90-	**110881**	14	55						
		01.90- 09.94	**113469**	14	33						
D 742, 3.5, Diesel	[WD411.90]	01.90-	**110881**	14	55						
		01.90- 09.94	**113469**	14	33						
D 744, 3.5, Diesel	[WD411.90]	01.90-	**110881**	14	55						
		01.90- 09.94	**113469**	14	33						
D 842, 3.5, Diesel	[WD411.88]	01.90-	**110881**	14	55						
		01.90- 09.94	**113469**	14	33						
D 844, 3.5, Diesel	[WD411.88]	01.90-	**110881**	14	55						
		01.90- 09.94	**113469**	14	33						
D 944, 5.2, Diesel	[WD611.43]	01.90- 09.94	**113469**	14	33						
Various Models		10.94-	**110881**	14	55						
		01.90-	**113469**	14	33						
Massey Ferguson											
AGRICULTURE											
152		01.81- 01.89	**111948**	14	70						
184		01.85- 01.89	**110770**	14	55			01.85- 01.89	**111346**	12	2.8
194		01.82-	**111948**	14	70						
240, 2.5		01.77-	**110970**	14	65			01.79- 12.88	**110819**	12	2.8
		01.79- 12.88	**111948**	14	70			01.79- 12.88	**110439**	12	2.0
245, 2.5		01.77-	**110970**	14	65			01.77- 12.88	**110819**	12	2.8
		01.79- 12.88	**111948**	14	70			01.72- 12.78	**112268**	12	2.8
								01.77- 12.88	**110439**	12	2.0
254, 2.5		01.73- 12.88	**110178**	14	36			01.82- 01.87	**110460**	12	2.8
		01.84-	**110770**	14	55			01.73- 12.78	**112268**	12	2.8
	Perkins AD3.152	01.77-	**110970**	14	65						
		01.79- 12.88	**111948**	14	70						
255, 2.5		01.77-	**110970**	14	65			01.77- 12.88	**110819**	12	2.8
		01.77- 12.88	**111948**	14	70			01.72- 12.78	**112268**	12	2.8
								01.77- 12.88	**110439**	12	2.0
260, 3.3		01.72- 01.75	**111948**	14	70						
		01.77-	**110970**	14	65						
265		01.70-	**110970**	14	65						
		01.81- 12.88	**111948**	14	70						
274, 3.9		01.84-	**110770**	14	55			01.82- 01.86	**110460**	12	2.8
		01.77-	**110970**	14	65			01.83- 12.88	**110565**	12	2.8
		01.83- 12.88	**111948**	14	70						
275		01.77-	**110970**	14	65						
		01.75- 12.88	**111948**	14	70						
284, 3.9		01.75-	**110970**	14	65						
		01.79- 12.88	**111948**	14	70						
285		01.77-	**110970**	14	65			01.79- 12.88	**110442**	12	2.1
		01.79- 12.88	**111948**	14	70		A13	01.79- 12.88	**111346**	12	2.8
290		01.80-	**111948**	14	70						
294		01.84-	**110770**	14	55						
298		01.80- 01.86	**111948**	14	70			01.80-	**110442**	12	2.1
								01.80-	**111346**	12	2.8
350		01.86- 01.92	**111355**	14	65			01.86-	**110819**	12	2.8
		01.86- 01.92	**110770**	14	55			01.86- 01.92	**110439**	12	2.0
354		01.92- 01.97	**111289**	14	70						
355		01.86- 01.92	**111355**	14	65			01.86-	**110819**	12	2.8
		01.86- 01.92	**110770**	14	55			01.86- 01.92	**110439**	12	2.0
360		01.87- 01.90	**111355**	14	65			01.83-	**110819**	12	2.8
		01.87- 01.90	**110770**	14	55						
362		01.88-	**111355**	14	65						
364		01.92- 01.97	**111289**	14	70						
365		01.86- 01.90	**111355**	14	65			01.86- 01.90	**110442**	12	2.1
		01.86- 01.90	**110770**	14	55		A13	01.86- 01.90	**111346**	12	2.8
375		01.86- 01.97	**110770**	14	55		A13	01.86- 01.97	**111346**	12	2.8
		01.86- 01.97	**111355**	14	65			01.86- 01.97	**110442**	12	2.1
383		01.86-	**110770**	14	55			01.83-	**110442**	12	2.1
								01.83-	**111346**	12	2.8
390		01.86- 01.97	**110770**	14	55			01.86- 01.97	**110442**	12	2.1
		01.86- 01.97	**111355**	14	65		A13	01.86- 01.97	**111346**	12	2.8
398		01.83- 01.84	**111355**	14	65			01.83- 01.84	**110442**	12	2.1
		01.83- 01.84	**110770**	14	55		A13	01.83- 01.84	**111346**	12	2.8
399		01.86- 01.90	**110770**	14	55			01.90- 01.96	**111737**	12	2.8
		01.86- 01.90	**111355**	14	65			01.86- 01.90	**110442**	12	2.1
							A13	01.86- 01.90	**111346**	12	2.8
550			**110107**	14	55			01.74- 01.81	**110439**	12	2.0
		01.78- 01.92	**111736#**	14	90			01.74- 01.81	**110819**	12	2.8
565		01.82- 12.88	**111948**	14	70						
		01.82- 12.88	**110107**	14	55						
575		01.81- 12.88	**111948**	14	70						
		01.81- 12.88	**110107**	14	55						
685								01.69- 01.71	**110443**	12	2.1
698		01.81-	**110107**	14	55			01.83-	**110442**	12	2.1
		01.83-	**110770**	14	55		A13	01.83-	**111346**	12	2.8
699		01.83-	**110770**	14	55			01.83-	**110442**	12	2.1
		01.83-	**113474**	14	65			01.83-	**111346**	12	2.8
850		01.81- 01.90	**111736#**	14	90						
860		01.81- 01.90	**111736#**	14	90						
865		01.81- 01.90	**111736#**	14	90						
1014		01.83-	**110770**	14	55						
			111185	14	43	A47					
1114		01.84-	**110770**	14	55						
1134		01.84-	**110770**	14	55						
1200	[Kohler]		**111185**	14	43	A47		01.71- 01.82	**110814**	12	2.7
								01.71- 01.79	**111737**	12	2.8

Application list

MASSEY FERGUSON *Continued*

1250		01.79-	**113474**	14	65		01.79-	**111346**	12	2.8
2640		04.82-	**110970**	14	65		01.79- 01.85	**112136**	12	2.8
		01.81- 01.85	**111948**	14	70					
		01.81- 01.85	**110107**	14	55					
3055	[Perkins]						01.94- 01.97	**110615**	12	2.8
3075	[Perkins]						01.94- 01.97	**110615**	12	2.8
3085		01.88- 01.93	**112722**	14	70		01.92- 01.93	**111737**	12	2.8
							01.88-	**110443**	12	2.1
3085		01.92-	**111355**	14	65					
3095		01.90-	**111355**	14	65					
3115		01.90-	**111355**	14	65					
3120	[Perkins]						01.90- 01.97	**110615**	12	2.8
3125		01.90-	**111355**	14	65					
3140	[Perkins]						01.90- 01.95	**110615**	12	2.8
3635		01.92- 01.95	**111940#**	14	70		01.92- 01.95	**110443**	12	2.1
3645		01.86- 01.91	**111355**	14	65		01.89- 01.91	**110615**	12	2.8
		01.89- 01.91	**112722**	14	70					
3650		01.86- 01.90	**111948**	14	70		01.86- 01.90	**112136**	12	2.8
		01.86- 01.90	**110107**	14	55					
3655		01.90- 01.95	**112722**	14	70		01.90- 01.94	**111737**	12	2.8
							01.90- 01.95	**110615**	12	2.8
3660	[Perkins]						01.90- 01.95	**110615**	12	2.8
3670	[Valment]						01.92- 01.94	**110615**	12	2.8
3680, 7.4	[612DS]	06.88-	**111355**	14	65	LU	06.88-	**110615**	12	2.8
		06.88-	**111948**	14	70	PR	06.89- 01.91	**111737**	12	2.8
3690	[Valment]						01.93- 01.97	**110615**	12	2.8
3890	[Valment]						01.87- 01.92	**110615**	12	2.8
4225		01.97-	**110770**	14	55					
4235		01.97-	**110770**	14	55					
4240		01.97-	**110770**	14	55					
4245		01.97- 01.00	**110770**	14	55					
		01.97- 01.00	**111355**	14	65					
4255		01.97- 01.00	**111355**	14	65		01.97- 01.00	**111346**	12	2.8
4260		01.97-	**110770**	14	55					
4265		01.97-	**110770**	14	55					
4270		01.97-	**110770**	14	55		01.97-	**110565**	12	2.8
6110		01.92-	**111940#**	14	70					
		01.92-	**113961**	14	120					
6120		01.92-	**111940#**	14	70					
		01.92-	**113961**	14	120					
6130		01.92-	**111940#**	14	70					
		01.92-	**113961**	14	120					
6140		01.92-	**111940#**	14	70					
		01.92-	**113961**	14	120					
6150		01.92-	**111940#**	14	70					
		01.92-	**113961**	14	120					
6160		01.96-	**111940#**	14	70	PR				
		01.96-	**112722**	14	70	LU				
		01.96-	**113961**	14	120					
6170	[6.365]	01.96-	**111940#**	14	70	PR	01.96-	**110615**	12	2.8
		01.96-	**112722**	14	70	LU				
		01.96-	**113961**	14	120					
6180	[6.365]	01.96-	**111940#**	14	70	PR	01.96-	**110615**	12	2.8
		01.96-	**112722**	14	70	LU				
		01.96-	**113961**	14	120					
6190		01.96-	**111940#**	14	70	PR	01.95- 01.98	**110615**	12	2.8
		01.96-	**112722**	14	70	LU				
		01.96-	**113961**	14	120					
6235			**114049**	14	120	IS		**110439**	12	2.0
			113961	14	120	VA				
6245			**114049**	14	120	IS		**110439**	12	2.0
			113961	14	120	VA				
6255			**114049**	14	120	IS		**110439**	12	2.0
			113961	14	120	VA				
6260			**113961**	14	120					
6270			**114049**	14	120	IS	01.99- 01.00	**110615**	12	2.8
			113961	14	120	VA				
6280		01.99-	**114049**	14	120	IS	01.99- 01.00	**110615**	12	2.8
		01.99-	**112722**	14	70					
		01.99-	**113961**	14	120	VA				
6290		01.99-	**112722**	14	70		01.99- 01.00	**110615**	12	2.8
		01.99-	**113961**	14	120					
8110		01.96-	**111940#**	14	70					
		01.96-	**113961**	14	120					
8120	[6.365]	01.96-	**111940#**	14	70		01.96-	**110615**	12	2.8
		01.96-	**113961**	14	120					
8130		01.96-	**111940#**	14	70					
		01.96-	**113961**	14	120					
8140	[6.403]	01.96-	**111940#**	14	70		01.96-	**110615**	12	2.8
		01.96-	**113961**	14	120					
8150	[6.403]	01.96-	**111940#**	14	70		01.96-	**110615**	12	2.8
		01.96-	**113961**	14	120					
8160	[6.451]	01.96-	**111940#**	14	70		01.96-	**110615**	12	2.8
		01.96-	**113961**	14	120					
8170			**113961**	14	120					
8180			**113961**	14	120					
8210			**113961**	14	120		01.99- 01.00	**110615**	12	2.8
8220			**113961**	14	120		01.99- 01.00	**110615**	12	2.8
8240		01.99-	**113961**	14	120		01.99-	**110615**	12	2.8

8240			**113961**	14 120		**110615**	12 2.8
					01.99-	**111737**	12 2.8
8250		01.99-	**113961**	14 120	01.99-	**110615**	12 2.8
8250		01.99-	**113961**	14 120	01.99-	**111737**	12 2.8
					01.99-	**110615**	12 2.8
8260		01.99-	**113961**	14 120	01.99-	**110615**	12 2.8
8260			**113961**	14 120	01.99-	**111737**	12 2.8
						110615	12 2.8
8270		01.99-	**113961**	14 120	01.99-	**111737**	12 2.8
					01.99-	**110615**	12 2.8
8280		01.99-	**113961**	14 120	01.99-	**111737**	12 2.8
					01.99-	**110615**	12 2.8
8560		01.86- 01.88	**111736#**	14 90			
			113961	14 120			
8570		01.90- 01.92	**111736#**	14 90			
			113961	14 120			
8590		01.85- 01.92	**111736#**	14 90			
			113961	14 120			
9270		01.92-	**111736#**	14 90			
9720		01.87- 01.92	**111736#**	14 90			
216 GTX	[Kohler]				01.91- 01.94	**113230#**	12 0.7
218 GTX	[Kohler]				01.91- 01.94	**113230#**	12 0.7
390 T		01.91- 01.97	**111355**	14 65	01.91- 01.97	**110442**	12 2.1
		01.91- 01.97	**110770**	14 55	A13 01.91- 01.97	**111346**	12 2.8
GC2400, Compact Tractor	[ISEKI 3112]				01.07-	**114860**	12 1.1
GC2410, Compact Tractor	[ISEKI 3112]				01.07-	**114860**	12 1.1
GC2600, Compact Tractor	[ISEKI 3112]				01.07-	**114860**	12 1.1
GC2610, Compact Tractor	[ISEKI 3112]				01.07-	**114860**	12 1.1
MF 6485, 6.6	[66.CTA]		**114671**	14 120			
MF 6490, 6.6	[66.CTA]		**114671**	14 120			
MF 6497, 6.6	[66.CTA]		**114671**	14 120			
MF 6499, 7.4	[74.CTA]		**114671**	14 120			
MF 7485, 6.6	[66.CTA]		**114671**	14 120			
MF 7490, 6.6	[66.CTA]		**114671**	14 120			
MF 7495, 6.6	[66.CTA]		**114671**	14 120			
MF 8450, 7.4			**114671**	14 120			
MF 8460, 7.4			**114671**	14 120			
MF 8470, 8.4			**114671**	14 120			
MF 8480, 8.4			**114671**	14 120			
Various Models			**113961**	14 120	01.79-	**112136**	12 2.8
		01.76- 12.83	**112989**	14 60	01.70-	**110565**	12 2.8
		01.51-	**114360**	14 70	01.69- 01.77	**110615**	12 2.8
		01.77-	**111948**	14 70	01.69- 01.73	**110443**	12 2.1
		01.73-	**110107**	14 55	01.68- 01.77	**110449**	12 3.6
		01.73-	**111184**	14 43	01.90-	**114107**	12 3.2
		01.83- 01.89	**110770**	14 55	01.82- 01.92	**110460**	12 2.8
		01.79- 01.83	**110178**	14 36	01.69-	**110819**	12 2.8
		01.81- 01.92	**111736#**	14 90	01.69- 01.81	**110439**	12 2.0
			110970	14 65	01.73- 01.78	**111346**	12 2.8
					01.91- 01.94	**111012**	12 0.5
					01.50-	**111024#**	12 3.6
					01.71- 01.79	**111737**	12 2.8
					01.73- 01.81	**112313**	12 0.5
					01.51-	**110818**	12 2.1
Matbro							
AGRICULTURE							
Various Models						**110462**	12 2.8
						113269	12 3.0
						110443	12 2.1
						110442	12 2.1
Mccormick							
AGRICULTURE							
MTX	[Perkins]					**114777**	12 3.0
Various Models						**114107**	12 3.2
Mercedes-Benz							
AGRICULTURE							
700, 3.8	[OM314.956]	07.73- 12.75	**111141**	14 55	04.74- 12.75	**110525**	12 3.0
	[OM314.957]				03.74- 12.75	**110525**	12 3.0
700, 4.0	[OM364.908]	03.87- 12.91	**111141**	14 55	03.87- 12.91	**110525**	12 3.0
800, 3.8	[OM314.957]	07.73- 12.75	**111141**	14 55	03.74- 12.75	**110525**	12 3.0
800, 4.0	[OM364.909]	03.87- 12.91	**111141**	14 55	03.87- 12.91	**110525**	12 3.0
900, 3.8	[OM314.970]	09.81- 12.82	**111141**	14 55	09.81- 12.82	**110525**	12 3.0
900, 4.0, Turbo	[OM364.951]	03.87- 12.91	**111141**	14 55	03.87- 12.91	**110525**	12 3.0
1000, 5.7	[OM353.985]	12.82- 03.87	**111141**	14 55	12.82- 03.87	**110525**	12 3.0
1000, 6.0	[OM366.908]	03.87- 12.91	**111141**	14 55	03.87- 12.91	**110525**	12 3.0
	[OM366.912]	03.87- 12.91	**111141**	14 55	03.87- 12.91	**110525**	12 3.0
1100, 5.7	[OM353.949]	03.79- 03.87	**111141**	14 55	01.81- 03.87	**110525**	12 3.0
1100, 6.0	[OM366.908]	03.87- 12.91	**111141**	14 55	03.87- 12.91	**110525**	12 3.0
	[OM366.912]	03.87- 12.91	**111141**	14 55	03.87- 12.91	**110525**	12 3.0
1300, 5.7	[OM353.957]	10.76- 03.87	**111141**	14 55			
1300, 6.0	[OM366.958]	03.87- 12.91	**111141**	14 55	03.87- 12.91	**110525**	12 3.0
	[OM366.977]	03.87- 12.91	**111141**	14 55	03.87- 12.91	**110525**	12 3.0
1400, 6.0	[OM366.958]	03.87- 12.91	**111141**	14 55	03.87- 12.91	**110525**	12 3.0
	[OM366.977]	03.87- 12.91	**111141**	14 55	03.87- 12.91	**110525**	12 3.0
1500, 5.7	[OM353.976]	07.80- 03.87	**111141**	14 55	07.80- 03.87	**110525**	12 3.0
1600, 6.0	[OM366.954]	06.90- 12.91	**111141**	14 55	06.90- 12.91	**110525**	12 3.0
65/70, 3.8	[OM314.956]	07.73- 12.75	**112098**	14 65	03.74- 12.75	**110525**	12 3.0

Mitsubishi									
AGRICULTURE									
Various Models, Tractors			**111832**	14	40		**110210**	24	6.6
New Holland									
AGRICULTURE									
165, 7.5						10.01- 12.07	**114447**	12	3.0
840		02.01-	**113898**	14	185				
1020			**115342**	14	40				
1320	[3-77]	01.87- 01.98	**113562**	14	40	01.87- 01.98	**112177**	12	1.7
1520	[3-81]	01.87- 01.97	**113562**	14	40	01.87- 01.97	**112177**	12	1.7
1530	[3-81]	01.96- 01.98	**113562**	14	40	01.96- 01.98	**112177**	12	1.7
1620	[3-81]	01.91- 01.97	**113562**	14	40	01.76- 01.79	**112177**	12	1.7
1630	[3-81]	01.96- 01.98	**113562**	14	40	01.97- 01.99	**112177**	12	1.7
1715	[3-81]	01.87- 01.97	**113562**	14	40	01.93- 01.97	**112177**	12	1.7
1720	[3-81]	01.87- 01.02	**113562**	14	40	01.87- 01.02	**112177**	12	1.7
1725	[3-81]	01.96- 01.98	**113562**	14	40	01.96- 01.98	**112177**	12	1.7
1920	[4-122]	01.87- 01.02	**113562**	14	40				
1925	[3-91]	01.96- 01.98	**113562**	14	40	01.96- 01.98	**112177**	12	1.7
2100	[Caterpillar 3406]					01.85-	**110462**	12	2.8
						01.85- 01.90	**112089**	12	
2110, 4-138	[Shibaura Diesel]						**110462**	12	2.8
2115	[Caterpillar 3406]					01.87-	**110462**	12	2.8
						01.87- 01.96	**112089**	12	
2120	[4-138]	01.87- 01.02	**113562**	14	40	01.87-	**110462**	12	2.8
3415	[4-135]	01.93- 01.02	**113562**	14	40	01.93-	**110462**	12	2.8
4635	[Ford]	09.95- 12.98	**111739**	14	55	09.95- 12.98	**110462**	12	2.8
		Ford 09.95- 12.98	**111363**	14	45				
4835	[Ford]					09.95- 12.98	**110462**	12	2.8
5635	[Ford]					09.95- 12.98	**110462**	12	2.8
5640, 4.4		11.91- 01.98	**112718**	14	100	11.91- 01.98	**110462**	12	2.8
6635	[Ford]	09.95- 12.98	**111355**	14	65				
6640, 5.0		11.91- 01.98	**112718**	14	100	11.91- 01.98	**110462**	12	2.8
7635	[Ford]	09.95- 12.98	**111355**	14	65	09.95- 12.98	**110462**	12	2.8
7740, 5.0		11.91- 01.98	**112718**	14	100	11.91- 01.98	**110462**	12	2.8
7840, 6.6		11.91- 12.98	**112718**	14	100	11.91- 12.98	**110462**	12	2.8
8080	[M10Y]					01.79- 01.85	**110539**	12	3.6
8160		09.95-	**113529**	14	120	09.95-	**113968**	12	3.6
8240, 7.5		11.91- 12.96	**112718**	14	100	11.91- 12.96	**110462**	12	2.8
8260		09.95-	**113529**	14	120	09.95-	**113968**	12	3.6
8340, 7.5		11.91- 07.98	**112718**	14	100	11.91- 07.98	**110462**	12	2.8
8360		09.95-	**113529**	14	120	09.95-	**113968**	12	3.6
8430, 5.9	[8065.25..]					04.94-	**110522**	12	3.0
8560		09.95-	**113529**	14	120	09.95-	**113968**	12	3.6
8630, 8.1	[8365.25..]					04.94-	**110522**	12	3.0
8830, 8.1	[8365.25..]					04.94-	**110522**	12	3.0
9030		01.90- 01.97	**111713**	14	105				
9282		01.96- 12.97	**112996**	14	115				
9482		01.96- 12.97	**112996**	14	115				
9682		01.96- 12.97	**112996**	14	115				
9882		01.96- 12.97	**112996**	14	115				
8000 Series	[Ford]	01.85-	**113574**	14	65				
		09.95- 12.01	**112718**	14	100				
		09.95-	**113529**	14	120				
M SERIES			**110178**	14	36	09.95-	**112074**	12	3.1
		09.95-	**113529**	14	120				
		09.95-	**112718**	14	100				
NH 95	[M8Y]					01.96-	**112074**	12	3.1
T1010			**115342**	14	40				
T1030			**115342**	14	40				
T1110			**115342**	14	40				
T7.170, 6.7		08.10-	**114228**	14	150				
T7.200, 6.7		08.10-	**114228**	14	150				
T7.210, 6.7		08.10-	**114228**	14	150				
T7.220, 6.7		08.10-	**114228**	14	150				
T7.250, 6.7		08.10-	**114228**	14	150				
T7.260, 6.7		08.10-	**114228**	14	150				
T7.270, 6.7		08.10-	**114228**	14	150				
TC Various Models			**113562**	14	40		**112177**	12	1.7
			114759	14	55				
TG210, 8.3			**113999**	14	150 IS				
			112773	14	135				
TG230, 8.3			**113999**	14	150 IS				
			112773	14	135				
TG255, 8.3			**113999**	14	150 IS				
			112773	14	135				
TG285, 8.3			**113999**	14	150 IS				
			112773	14	135				
TJ275, 8.3			**113999**	14	150 IS				
			112773	14	135				
TJ325, 8.9			**113999**	14	150 IS				
			112773	14	135				
TJ375, 15.0			**113999**	14	150 IS				
			112773	14	135				
TJ425, 15.0			**113999**	14	150 IS				
			112773	14	135				
TJ450, 15.0			**113999**	14	150 IS				
			112773	14	135				
TJ500, 15.0			**113999**	14	150 IS				
			112773	14	135				

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

TL Series		10.98-	**114384**	14	85	09.97-	**113182**	12 3.0
		10.98-	**114669**	14	65			
TM SERIES		11.99-	**113529**	14	120			
TS 115		07.03-	**112718**	14	100			
TV 140		01.98-	**112718**	14	100			
TX34							**113125**	12
Various Models			**113621**	14	115		**114021**	12 3.0
			114450*	14	120		**114050**	12 4.2
							114196	24 4.0
							114399	12 2.7
Payloader								
AGRICULTURE								
Various Models						01.69- 06.76	**110523**	24 4.8
						01.69- 12.85	**111752**	12 2.7
						01.69- 01.75	**110438**	12 2.1
Renault Agriculture								
AGRICULTURE								
610, RX,RZ	[6059D]		**114513**	14	95			
620, RX,RZ	[6068D]		**114513**	14	95			
630, RX,RZ	[6068T]		**114513**	14	95			
640, RZ	[6068T]		**114513**	14	95			
710	[DPSG-6068T1]		**114514**	14	95		**113532**	12 3.0
720	[DPSG-6068T2]						**113532**	12 3.0
725, 6.8	[HRT51]		**114514**	14	95		**113532**	12 3.0
735, 6.8	[HRT52]		**114514**	14	95		**113532**	12 3.0
815, 6.8	[TRT52]		**114514**	14	95		**113532**	12 3.0
825, 6.8	[HRT51]		**114514**	14	95		**113532**	12 3.0
836	[DPSG-6068T2]						**113532**	12 3.0
Various Models							**111332**	12 2.7
							113432	
Same								
AGRICULTURE								
Buffalo 120, 6.2	[DA1056]					01.78- 10.80	**110530**	12 3.0
						07.74- 12.77	**110551**	12 3.0
						10.80- 10.81	**111001**	12 3.0
Centauro 70, Diesel		12.81- 10.87	**111180**	14	33	12.81- 10.87	**110530**	12 3.0
		06.85-	**110890**	14	55			
		12.81- 10.87	**110882**	14	45			
Centurion 75, Diesel		11.78- 05.88	**110882**	14	45	11.78- 05.88	**110530**	12 3.0
		01.81-	**110890**	14	55			
		11.78- 05.88	**111180**	14	33			
Drago, 5.4						01.78- 05.86	**110530**	12 3.0
						10.80- 10.83	**111001**	12 3.0
						11.71- 12.77	**110551**	12 3.0
Explorer 60, 3.0, Diesel	[100.3A]	06.86-	**110882**	14	45			
Explorer 70, 4.0, Diesel		07.86-	**110882**	14	45	07.86-	**111001**	12 3.0
Explorer 80, 4.0, Diesel						07.86-	**111001**	12 3.0
Explorer 90, 4.0, Diesel		06.86-	**110882**	14	45	06.86-	**111001**	12 3.0
Frutteto 75, 3.0, Diesel						05.91-	**111001**	12 3.0
						05.91-	**110530**	12 3.0
Galaxy 170, 6.2, Diesel						06.83-	**110530**	12 3.0
Laser 100, 5.2, Diesel		03.84- 05.85	**110882**	14	45	03.84-	**110530**	12 3.0
Laser 110, 5.7, Diesel						03.83- 12.87	**110530**	12 3.0
Laser 130, 6.2, Diesel						04.83- 12.87	**110530**	12 3.0
Laser 150, 6.2, Diesel		03.83-	**110882**	14	45	03.83- 12.87	**110530**	12 3.0
Panter, 4.5	[DA985]					07.74- 12.77	**110551**	12 3.0
Ranger 45, 2.7, Diesel		09.85- 04.88	**110882**	14	45	02.82-	**110530**	12 3.0
		02.82- 08.85	**111180**	14	33			
Solar 50, 2.7, Diesel		06.86-	**110882**	14	45			
Solar 55, 2.8, Diesel		06.87-	**110882**	14	45			
Solar 60, 3.1, Diesel						06.86-	**110530**	12 3.0
Titan 160, 6.0, Diesel		05.91-	**112556**	14	95	05.91-	**110530**	12 3.0
Titan 190, 6.0, Diesel		01.92-	**112556**	14	95	01.92-	**110530**	12 3.0
Transporter						01.91-	**110530**	12 3.0
Various Models		01.70- 01.97	**111649**	14	33	05.60-	**110530**	12 3.0
						01.80-	**111645**	12 0.4
							111001	12 3.0
						11.71- 12.77	**110551**	12 3.0
Sampo-Rosenlew								
AGRICULTURE								
Various Models						01.69-	**110545**	12 3.0
						01.70- 01.90	**111737**	12 2.8
							114254	12 2.7 GR
Sisu								
AGRICULTURE								
SK 150, 6.6	[611 CSBA]					09.81- 12.95	**113484**	24 4.0
Steiner								
AGRICULTURE								
230	[Kubota]		**113856**	14	40			
Steyr								
AGRICULTURE								
8050, 2.6	[WD 311..]	09.86-	**113469**	14	33			
8060, 2.6	[WD 311..]	09.80- 02.87	**113469**	14	33			
8065, 2.6	[WD 311..]	09.86- 09.94	**113469**	14	33			
8070, 3.5	[WD 411..]	01.80- 09.94	**113469**	14	33	01.80-	**111001**	12 3.0
8075, 3.5	[WD 411..]	01.84- 09.94	**113469**	14	33	01.84-	**111001**	12 3.0
8080, 3.5	[WD 411..]	01.80- 09.94	**113469**	14	33	01.80-	**111001**	12 3.0
8085, 3.5	[WD 411..]					02.90-	**111001**	12 3.0
8090, 3.5	[WD 411..]	01.84- 04.94	**113469**	14	33	01.84-	**111001**	12 3.0

STEYR *Continued*

8110, 5.2	[WD 611..]	07.84- 09.94	**113469**	14	33	12.78-	**111001**	12	3.0
8130, 5.2	[WD 611..]	07.84- 09.94	**113469**	14	33	10.84-	**111001**	12	3.0
8150, 6.6	[WD 612..]	12.82- 09.94	**113469**	14	33				
8300, 9.7	[WD615..]					02.82- 04.87	**110601**	24	5.4
Ursus									
AGRICULTURE									
912							**110551**	12	3.0
914							**110551**	12	3.0
933							**110551**	12	3.0
935							**110551**	12	3.0
1014							**110551**	12	3.0
1033							**110551**	12	3.0
1035							**110551**	12	3.0
1133							**110551**	12	3.0
1614							**110551**	12	3.0
C360							**114254**	12	2.7 GR
							110545	12	3.0
C385							**114254**	12	2.7 GR
							110551	12	3.0
							110545	12	3.0
Valpadana									
AGRICULTURE									
2020, 0.7	[7LD665]					03.88- 12.90	**113268**	12	1.6
Various Models							**112171**	12	1.1
							110844	12	2.2
							113268	12	1.6
VMC 130						01.89-	**112171**	12	1.1
VMC 150						04.84-	**112171**	12	1.1
Valtra									
AGRICULTURE									
305		01.83-	**113574**	14	65				
355		01.89- 01.94	**111362**	14	55				
405		01.83-	**113574**	14	65				
411	[411C]					01.81- 01.85	**113484**	24	4.0
455		01.89- 01.94	**111362**	14	55				
505, 3.3		08.82-	**113574**	14	65	01.69- 01.75	**110545**	12	3.0
						08.82-	**114254**	12	2.7 GR
605, 3.3						08.82- 06.94	**110545**	12	3.0
		08.82-	**113574**	14	65	08.82-	**114254**	12	2.7 GR
611, 6.6	[611C]					01.75- 12.85	**113484**	24	4.0
705, 4.4						01.71- 01.72	**110545**	12	3.0
		08.82-	**113574**	14	65	08.82-	**114254**	12	2.7 GR
805, 4.4						08.82- 06.94	**110545**	12	3.0
		08.82-	**113574**	14	65	08.82-	**114254**	12	2.7 GR
905		01.83-	**113574**	14	65				
2005		01.85-	**112742**	14	90				
2105		01.85-	**112742**	14	90				
6000		01.90-	**113574**	14	65				
6100		01.90-	**113574**	14	65				
6300		01.91-	**110968**	14	70				
		01.91-	**111355**	14	65				
6400		01.91-	**110968**	14	70				
		01.91-	**111355**	14	65				
6600		01.91-	**110968**	14	70				
		01.91-	**111355**	14	65				
8000		01.90-	**110968**	14	70				
		09.90-	**111355**	14	65				
8050	[620DS]	01.96-	**112556**	14	95	01.96-	**114254**	12	2.7 GR
						01.96-	**110545**	12	3.0
8100		01.90-	**110968**	14	70				
		09.90-	**111355**	14	65				
8150	[620DS]	01.96-	**112556**	14	95	01.96-	**114254**	12	2.7 GR
						01.96-	**110545**	12	3.0
8300	[612D]	01.90- 01.93	**111355**	14	65				
8400	[620DS]	01.93- 01.95	**111355**	14	65				
8450	[620DW]	01.96-	**112556**	14	95	01.96-	**114254**	12	2.7 GR
						01.96-	**110545**	12	3.0
8550	[634DS]	01.98-	**112556**	14	95	01.98-	**114254**	12	2.7 GR
						01.96-	**110545**	12	3.0
8600	[612DS]	01.90- 01.93	**111355**	14	65				
8750	[634DA]	01.98-	**112556**	14	95	01.96- 01.98	**110545**	12	3.0
						01.96-	**114254**	12	2.7 GR
	[634DS]	01.98-	**112556**	14	95	01.96-	**114254**	12	2.7 GR
						01.96- 01.98	**110545**	12	3.0
8950	[634DS]	01.98-	**112556**	14	95	01.98-	**114254**	12	2.7 GR
						01.98-	**110545**	12	3.0
A75N, 3.3, Turbo	[33DT]						**113901**	12	3.0
A85N, 4.4, Turbo	[44DT]						**113901**	12	3.0
A95N, 4.4, Turbo	[44DT]						**113901**	12	3.0
S230, 8.4		01.02-	**113610**	14	120				
		01.02-	**112556**	14	95				
S260, 8.4	[645D..]	01.02-	**112556**	14	95				
		01.02-	**113610**	14	120				
T120		01.02-	**113610**	14	120	04.00-	**113570**	12	4.0
		01.02-	**112556**	14	95				
T130		01.02-	**113610**	14	120	04.00-	**113570**	12	4.0
T140		01.02-	**113610**	14	120	04.00-	**113570**	12	4.0
T160		01.02-	**113610**	14	120	04.00-	**113570**	12	4.0
T170		01.02-	**113610**	14	120	04.00-	**113570**	12	4.0

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T180		01.02-	**113610**	14	120	04.00-	**113570**	12	4.0
T190		01.02-	**113610**	14	120	04.00-	**113570**	12	4.0
Various Models							**113570**	12	4.0
X 100		01.02-	**113610**	14	120				
		01.99-	**112556**	14	95				
X 110		01.02-	**113610**	14	120				
		01.99-	**112556**	14	95				
X 120		01.99-	**113610**	14	120				
		01.99-	**112556**	14	95				
Various Agriculture Vehicles									
AGRICULTURE									
			115387	28	140		**115428**	12	1.8
			114813	28	65		**110182**	12	0.9
			111296	28	55		**110245**	12	1.7
			112183	14	60		**110246**	12	1.4
			111620	14	65		**110356**	12	1.4
			111356	14	55		**110421**	12	0.8
			110972	14	65		**110447**	12	1.0
			114256	14	70		**110461**	12	2.8
			110117	28	35		**110464**	12	2.1
			110325#	14	18		**110468**	12	
			110448	28	20		**110469**	12	
			110497	14	70		**110512**	24	5.4
			110505	14	75		**110534**	24	5.4
			110591	28	75		**110635**	12	0.5
			110620	14	35		**110817**	12	2.1
			110643#	28	40		**111574**	12	2.8
			110969	14	65		**111622**	12	1.2
			110971#	14	65		**111646**	12	0.2
			110975	14	65		**111701**	12	0.8
			111369	14	90		**111804**	12	0.6
			111833	28	140		**111855**	12	2.2
			112194	14	120		**111911**	12	1.4
			114767	28	100		**112041**	12	2.2
			115386	28	140		**112242**	12	0.6
			114004	14	150		**110940**	12	1.4
							110949	12	0.6
							111015	12	1.1
							111021	12	1.4
							111049	12	
							111103	12	0.8
							111197	12	2.0
							111284	12	2.5
							111573	12	2.8
							115590	24	9.0
							114677	12	2.0
							115393	12	4.0
							112249	12	2.7
Volvo BM									
AGRICULTURE									
861, 5.5	[TD60B]					09.79- 07.86	**113482**	12	3.0
2650, 5.5	[TD60B]	05.79- 06.82	**112742**	14	90	05.79- 06.82	**113482**	12	3.0
2654, 5.5	[TD60B]	05.79- 06.82	**112742**	14	90	05.79- 06.82	**113482**	12	3.0
A20, 6.7						08.86- 08.01	**113850**	24	5.4
L 120, 6.7		01.87- 01.02	**113477**	28	55				
L 160		01.87-	**111528**	28	55	01.87- 12.90	**110207**	24	5.4
		01.87- 01.02	**113477**	28	55				
L 70, 4.5	[TD45B]	11.91-	**113477**	28	55				
L 90, 5.5	[TD61GB]	11.91- 01.94	**113477**	28	55				
LM 621, 4.0, Diesel	[D42A]					09.70- 06.78	**112132**	24	4.0
LM 641, 4.0, Diesel	[D42A]					09.70- 06.78	**112132**	24	4.0
LM 841, 5.0, Diesel	[D50B]					04.72- 05.75	**112132**	24	4.0
LM 845, 5.0, Diesel	[D50B]					01.71- 12.73	**112132**	24	4.0
LM 846, 5.0, Diesel	[D50B]					05.72- 12.75	**112132**	24	4.0
SM 868, 5.0	[D50B]					08.70- 10.74	**113482**	12	3.0
SM 980, 5.0	[TD50B]					11.71- 06.76	**113482**	12	3.0
T 650, 4.0	[D42A]					02.70- 06.82	**113482**	12	3.0
T 700, 4.0	[TD42]					06.76- 06.82	**113482**	12	3.0
T350, Diesel						01.61- 08.64	**110537**	12	3.6
T800, Diesel	[D50A]		**112310**	14	55	01.67- 12.75	**111217**	12	3.0
						01.67- 01.75	**110537**	12	3.6
T810, Diesel	[TD50A]		**112310**	14	55	03.69- 12.75	**111217**	12	3.0
						01.69- 01.75	**110537**	12	3.6
T814, Diesel	[TD50A]		**112310**	14	55	01.69- 01.75	**110537**	12	3.6
Various Tractors			**114465**	14	70				
Yanmar									
AGRICULTURE									
YM1300	[2T73]					01.77-	**113680**	12	0.9
	[2TR13]						**112674**	12	1.3
YM1500	[2TR13]						**112674**	12	1.3
Zetor									
AGRICULTURE									
3320		01.92-	**110621**	14	55				
3321		01.97-	**110621**	14	55	01.97-	**110545**	12	3.0
			112035	14	70	01.97-	**114254**	12	2.7 GR
3340		01.92-	**110621**	14	55	01.92-	**114254**	12	2.7 GR
						01.92-	**110545**	12	3.0

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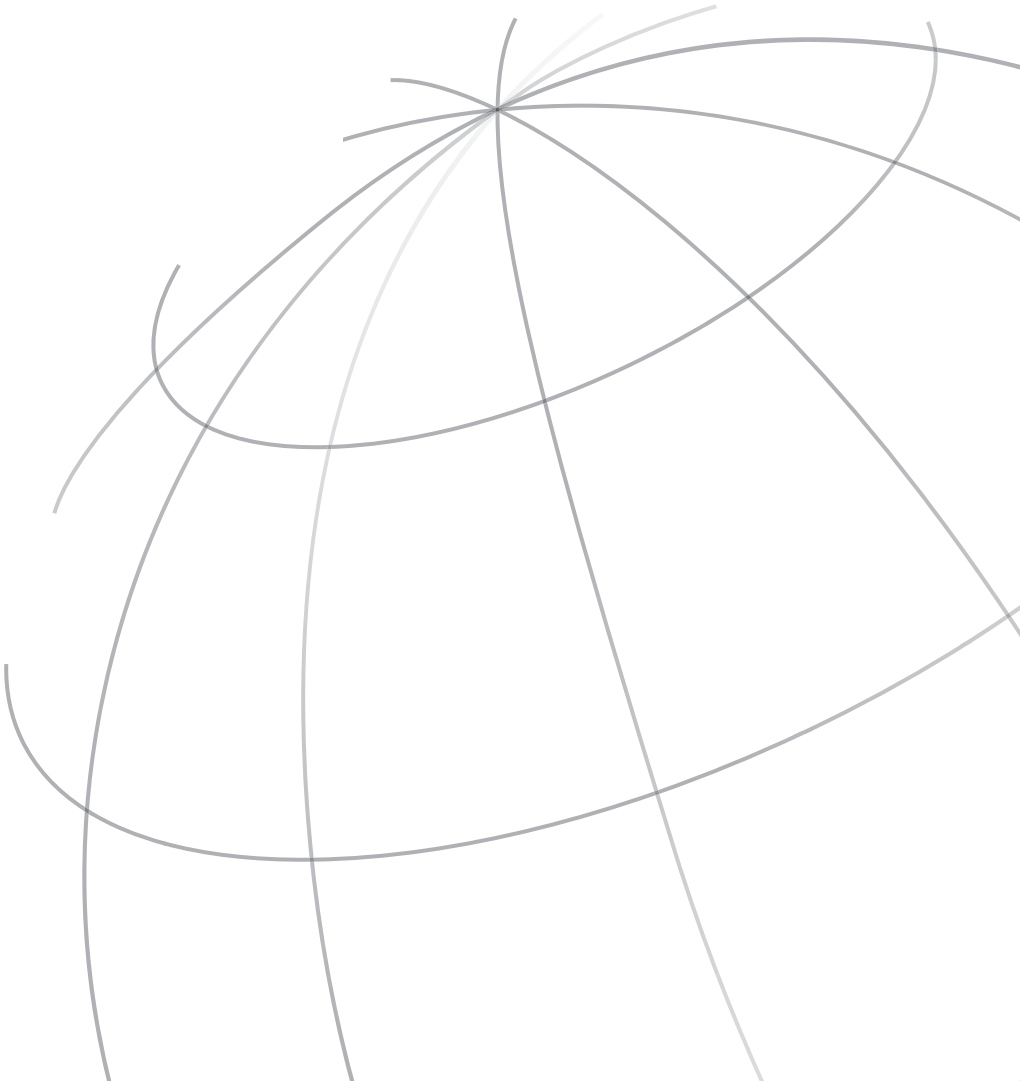
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3341		01.97-	**110621**	14	55	01.97-	**114254**	12	2.7 GR
			112035	14	70	01.97-	**110545**	12	3.0
4320		01.92-	**110621**	14	55	01.92-	**110545**	12	3.0
						01.92-	**114254**	12	2.7 GR
4321			**112035**	14	70	01.97-	**110545**	12	3.0
		01.97-	**110621**	14	55	01.97-	**114254**	12	2.7 GR
4340		01.92-	**110621**	14	55	01.92-	**114254**	12	2.7 GR
						01.92-	**110545**	12	3.0
4341			**112035**	14	70	01.97-	**114254**	12	2.7 GR
		01.97-	**110621**	14	55	01.97-	**110545**	12	3.0
4718		01.74- 01.81	**112098**	14	65	01.74- 01.81	**114254**	12	2.7 GR
						01.74- 01.81	**110545**	12	3.0
5011		01.81- 01.85	**112098**	14	65	01.81- 01.85	**114254**	12	2.7 GR
						01.80- 01.84	**110545**	12	3.0
5211		01.91-	**110621**	14	55				
5245		01.91-	**110621**	14	55				
5320		01.92-	**110621**	14	55	01.92-	**114254**	12	2.7 GR
						01.92-	**110545**	12	3.0
5321			**112035**	14	70	01.97-	**114254**	12	2.7 GR
		01.97-	**110621**	14	55	01.97-	**110545**	12	3.0
5340		01.92-	**110621**	14	55	01.92-	**114254**	12	2.7 GR
						01.92-	**110545**	12	3.0
5341		01.97-	**110621**	14	55	01.97-	**114254**	12	2.7 GR
			112035	14	70	01.97-	**110545**	12	3.0
6211		01.91-	**110621**	14	55				
6245		01.91-	**110621**	14	55				
6320		01.92-	**110621**	14	55	01.92-	**114254**	12	2.7 GR
						01.92-	**110545**	12	3.0
6321			**112035**	14	70	01.97-	**114254**	12	2.7 GR
		01.97-	**110621**	14	55	01.97-	**110545**	12	3.0
6340		01.92-	**110621**	14	55	01.92-	**114254**	12	2.7 GR
						01.92-	**110545**	12	3.0
6341			**112035**	14	70	01.97-	**114254**	12	2.7 GR
		01.97-	**110621**	14	55	01.97-	**110545**	12	3.0
7211		01.91-	**110621**	14	55				
7245, 3.6		01.91-	**110621**	14	55	01.84- 01.03	**114254**	12	2.7 GR
						01.84- 01.91	**110545**	12	3.0
7320			**112035**	14	70	01.92-	**114254**	12	2.7 GR
		01.92-	**110621**	14	55	01.92-	**110545**	12	3.0
7321			**112035**	14	70	01.97-	**114254**	12	2.7 GR
		01.97-	**110621**	14	55	01.92-	**110545**	12	3.0
7340		01.92-	**112035**	14	70	01.92-	**114254**	12	2.7 GR
		01.92-	**110621**	14	55	01.92-	**110545**	12	3.0
7341			**112035**	14	70	01.97-	**114254**	12	2.7 GR
		01.97-	**110621**	14	55	01.97-	**110545**	12	3.0
7520		01.91-	**112035**	14	70				
		01.91- 01.98	**110621**	14	55				
7540		01.91-	**112035**	14	70				
		01.91- 01.98	**110621**	14	55				
7711		01.91-	**110621**	14	55				
7745, 3.9		01.91-	**110621**	14	55	01.86- 01.90	**114254**	12	2.7 GR
						01.88- 01.03	**110545**	12	3.0
8111						01.75- 01.80	**110551**	12	3.0
8145						01.75- 01.80	**110551**	12	3.0
8245						01.75- 01.80	**110551**	12	3.0
8520			**112035**	14	70				
		01.97-	**110621**	14	55				
8540			**112035**	14	70				
		01.97-	**110621**	14	55				
9211, 4.2						01.75- 01.80	**110551**	12	3.0
9245, 4.2						01.75- 01.80	**110551**	12	3.0
9520			**112035**	14	70				
		01.91- 01.00	**110621**	14	55				
9540			**112035**	14	70				
		01.91- 01.00	**110621**	14	55				
10011						06.75- 01.80	**110551**	12	3.0
10045						06.75- 01.80	**110551**	12	3.0
10111						06.73- 01.80	**110551**	12	3.0
10145, 4.6						01.75- 01.80	**110551**	12	3.0
10211						06.75- 01.80	**110551**	12	3.0
10245						01.75- 01.80	**110551**	12	3.0
10540			**112035**	14	70				
		01.95-	**110621**	14	55				
Various Models			**110621**	14	55				

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Application List

A/C Compressors



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

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5130, Maxxum	[6T-590]	01.90-	**240389**	12
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			241089	12
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4240			**240428**	12
4245			**240428**	12
4255			**240428**	12
4260			**240428**	12
4265			**240428**	12
4270			**240428**	12
4325			**240428**	12
4335			**240428**	12
4345			**240428**	12
4355			**240428**	12
4360			**240428**	12
4365			**240428**	12
4370			**240428**	12
5335			**240428**	12
5340			**240428**	12
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5365			**240428**	12
5425			**240428**	12
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5445			**240428**	12
5455			**240428**	12
5465			**240428**	12
6235			**240428**	12
6245			**240428**	12
6255			**240428**	12
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6270			**240428**	12
6280			**240428**	12
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8180			**240428**	12
8210			**240428**	12
8220			**240428**	12
8240			**240428**	12
8250			**240428**	12
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6635	[Ford]	09.95- 12.98	**240393**	12
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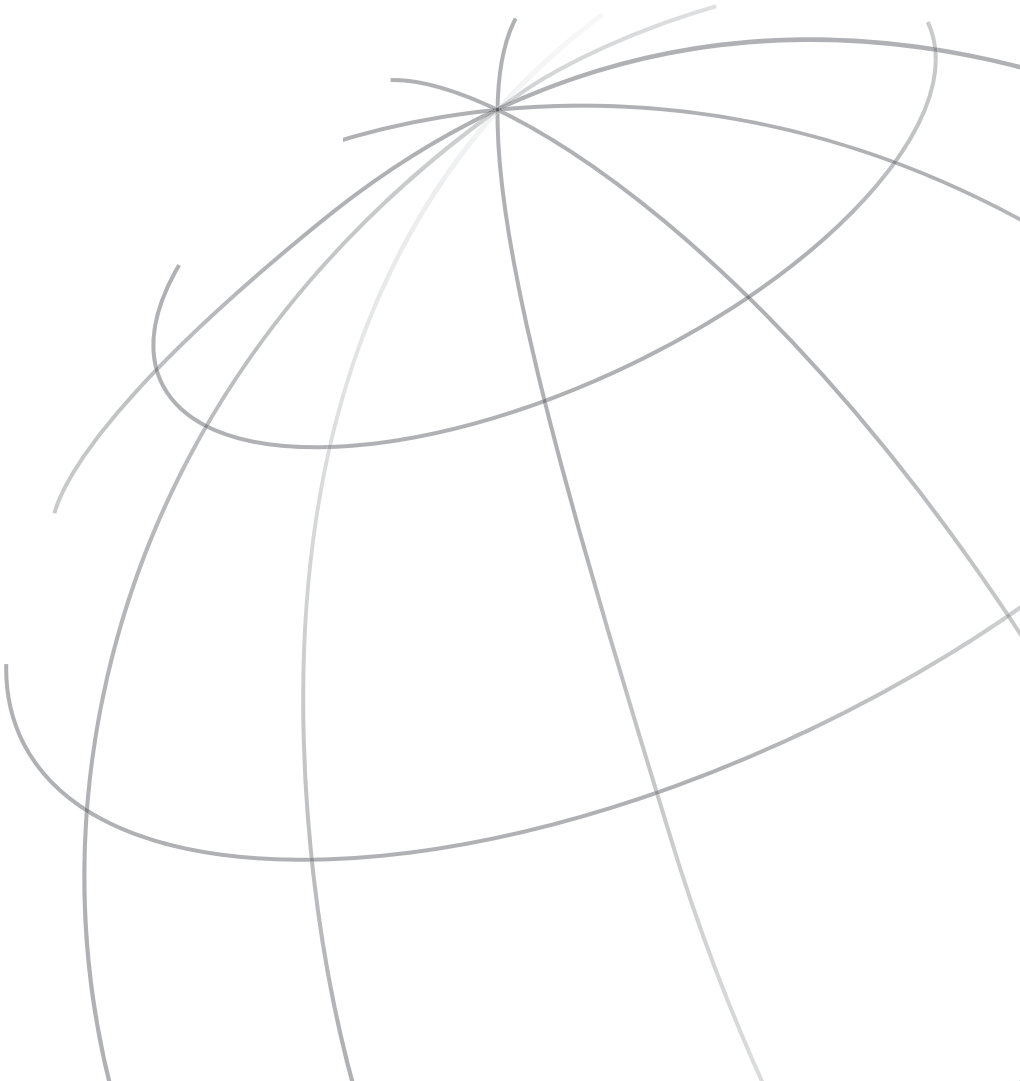
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	241096	12
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	241083	12
	241082	
	241081	12

Application list

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

Cross Reference List
OE No. - HC-CARGO No.



Edition 2015/2016

ISO 9001
BUREAU VERITAS
Certification

OE No.	HC-CARGO
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13701	130505
CA-14037	111185
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BOSCH *continued*

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A302413	110643
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3218544EX	112098
3218577EX	111662
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3229193EX	111752
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A169694	112169
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A186180	112135
A187597	111885
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A187728	113429
A187873	111888
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C33024	234072
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K957340	110818
K957340EX	110818
L72955	110300
M41595	110766
PO9415420	112170
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25900	110999
86385	110075
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0R2187	111000
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0R2698	110801
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0R5207	110999
0R5208	110436
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0R5217	110801
0R5218	110436
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105-2811	114218
105-2812	114218
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132-2156	112160
147-7166	114280
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207-1564	111000
225-3141	113763
225-3149	114388
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2P2501	110999
2P5113	110427
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2S900	110999
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3E1864	111224
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3E7863	112089
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3N2702	110801

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4N3182	110999
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7T1799	110999
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OR9938	114271
PX0341	111843
SL8206	112089

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2998008	110207
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2998011	110206
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2998200	110529
2998201	110518
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7167-620D	080212
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7185-900H	080996
7185-900K	080211
7185-900P	080210
7185-900T	080212
7185-900W	080595
9009-041	080207
9009-049	080207
9009-050	080208
9009-073	080207
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9109-262	080929
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3920403	113725
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3920643	113725
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3016627RX	110801
3603851RX	112260
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3604473RX	112989
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IM522	110512
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146-93104	113921
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201-42119	112089
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246-25107	113725
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260-69105	111755
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A-178	110325
A-477	113623
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A-772	113740
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S8285	113429
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S-8397	110421
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S-8538	112546
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S-8881	113696
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S-8896	113663
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TS-1500	110436
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TS-1576	112268
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P60.4	160326
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P65.2	160370
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P70.2	160411
P702	160411
P80	160329
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DUCELLIER	
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6232	110439
7530	110971
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538502	110565
538505	110565
EFEL	
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03109	111217
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06730	110531
06940	110512
07940	111217
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10420	110525
10430	110536
10450	110520
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10810	110531
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12080	110517
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14100	110536
14650	110522
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22621	110531
22624	110512
22625	110512
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22801	110537
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ES622AM3TG	090317
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0070000	110213
0090000	110531
0100000	110531
0120000	110531
3370000	110611
6050000	110210
6080000	110206
6090000	110523
6100000	110207
6110000	110208

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

OE No.	HC-CARGO
6130000	110601
6140000	111249
6160000	110512
6180000	110534
6220000	110531
6250000	110512
A124N	110611
ALT2N-14	110968
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R10.05	110520
R10.06	110550
R10.07	110550
R10.08	110523
R10B	110550
R10G	110550
R10TA	110520
R10U	110550
R11.01	110545
R11.02	110551
R11.03	110522
R11.06	110545
R11.07	110529
R11.10	110545
R11.12	110536
R11A	110545
R11B	110551
R11C	110522
R11F	110545
R11K	110536
R11N	110545
R11W	110529
R20.17	110512
R20.42	110210
R20Z	110512
R22.05	110210
R22.07	110213
R22.10	110531
R22.12	110531
R23.05	110210
R23.08	110206
R23.10	110207
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R23.13	110601
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R23.17	110512
R23.18	110534
R23.25	110512
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25-0013	111103
25-0016	110449
25-0018	110537
25-0018	111217
25-0037	110536
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25-0041	110443
25-0041	110565
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25-0070	110462
25-0072	112039
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25-0076	110438
25-0081	111573
25-0089	112249
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25-0104	110245
25-0119	110421
25-0125	110537
25-0141	110439
25-0142	110818
25-0155	110536
25-0157	110536
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25-0177	111791
25-0189	110525
25-0198	112660
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25-0201	111737
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25-2095	112074
25-2109	111197
25-2110	112555
25-2126	110356
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25-2194	110447
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25-2321	111855
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26-1280	112172
26-1290	111911
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26-3376	111911
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27-0566	112098
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27-0572	110077
27-0624	112098
27-0630	110641
27-0648	110975
27-0721	110611
27-0722	110105
27-0723	111289
27-0730	110105
27-0730	111649
27-0775	110170
27-0832	110075
27-0837	110178
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28-0505	110179
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28-0517	110882
28-0517	110890
28-0527	111948
28-0537	110899
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28-0544	110179
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28-0561	112098
28-0594	110975
28-0598	110178
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28-0604	111289
28-0604	113474
28-0606	113574
28-0607	110970
28-0607	111948
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28-0628	110969
28-0633	110641
28-0635	110968
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28-0701	110975
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28-0718	111035
28-0720	111035
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28-0723	110968
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28-0723	113474
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28-0726	110178

OE No.	HC-CARGO
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28-0759	110975
28-0761	112310
28-0768	110881
28-0772	112742
28-0773	110882
28-0773	110890
28-0773	110912
28-0773	111686
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28-0794	110178
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28-0794	111356
28-0794	111362
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28-0797	110972
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28-0804	111035
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28-0805	111948
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28-0809	111362
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28-0825	110075
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28-0825	110508
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28-0933	110105
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28-0940	110107
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28-2692	112768
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28-2738	111716
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28-2754	110770
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28-2885	112722
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28-3757	111740
28-3773	112492
28-3797	113763
28-3801	112196
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28-773	110912
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45-0184	110534
45-0185	110206
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45-0197	110207
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45-0219	110523
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45-2332	111254
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47-0541	112097
47-0660	110766
47-0734	110766
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4792491	112747
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ALB40-86	110611
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ALP12N-2	110178
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ALS12N-75	111289
ALT12N-11	110178
ALT12N-13	110968
ALT12N-14	110178
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DNL12E-42	110483
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2022612	110890
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4152610	112097
4152612	110882

OE No.	HC-CARGO
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4174626	110611
4187587	110521
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4275286	110899
4285622	110890
4320622	160308
4320627	160308
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4447411	110912
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4474752	111180
4474815	110899
4474816	110899
4474902	112097
4474903	110611
4474904	110611
4475266	111180
4475268	111180
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943252071	110536
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MAGNETI MARELLI *continued*

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MAN786	112718
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MSN229	110814
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MSN697	110536
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MSR746	111755

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9142723	110522
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9142764	110818
9142765	110462
9142766	112074
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1993840	110347
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1993961	110436
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1993983	110436
1993986	112256
1993988	111224
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1998269	110469
1998270	110469
1998274	110491
1998281	110469
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1998334	110604
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1998357	112268
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1998387	111041
1998394	110604
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1998488	111760
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1998576	111049
2191166	111647
3471214	110972
3472050	110972
3472051	111168
3472052	110972
3472066	111168
3472067	110972
3472068	110972
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3493619	111168
3493719	111168
8600479	114271
10436058	110508
10455304	110469
10455340	110469
10455355	110469
10455513	112546
10455516	112546
10456414	110075
10456415	110075
10459007	110591
10459011	110591
10459020	112989
10459026	112160
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10459051	113432

REMY (DELCO) *continued*

OE No.	HC-CARGO
10459059	112996
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10459076	110591
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10459159	112996
10459175	112996
10459178	112996
10459200	112989
10459210	112996
10459261	112160
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10459547	112996
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10461127	112089
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10461357	110999
10461402	113695
10461405	113695
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10461446	111041
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10497425	110508
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19011189	114271
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19024099	110208
19024101	113850
19024109	110206
19024201	110520
19024202	110522
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19024815	110551
19024817	110565
19024821	110819
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19025037	110611
19025042	111180
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19025049	110912
19025051	111035
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19025057	112097
19025060	111686
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321-655	110591
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323-840	113125
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DRA0700	112310
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DRA0740	110360
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DRA0780	110969
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DRA0790	110968
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DRA0790	113574
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DRA0920	110972

OE No.	HC-CARGO
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DRA1060	110975
DRA1080	110968
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DRA1251	110043
DRA1260	110766
DRA1262	110766
DRA1270	112098
DRA1272	112098
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DRA1330	112736
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DRA2111	112097
DRA2121	110890
DRA2301	111289
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DRA3013	110178
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DRA3013	111289
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DRA3686	112194
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DRA4063	111940
DRA4180	110107
DRA4200	111289
DRA4209	110107
DRA4209	111948
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DRA4260	111141
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DRA4430	112747
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DRA5630	111686
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DRA6010	110770
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DRA6110	111289
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DRA7990	112194
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DRA8170	112529
DRA8290	111833
DRA8351	112113
DRA9711	110968
DRA9800	112098
DRA9810	113531
DRB0280	111843
DRB0290	111888
DRB1060	112196
DRB1640	111833
DRB1840	112046
DRB1940	112097
DRB3130	112196
DRB6000	112529
DRB6030	112062
DRS0008	111087
DRS0024	110813
DRS0025	110522
DRS0067	112442
DRS0152	113478
DRS0202	112177
DRS0259	110436
DRS0267	114002
DRS0271	113532
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DRS0990	110536
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DRS1160	110517
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DRS1190	112249
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DRS2720	110522
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DRS2831	110182
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DRS2990	110530
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DRS3327	111098
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DRS3337	112136
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DRS3425	110464
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DRS3427	110819
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DRS3430	110213
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DRS3680	110536
DRS3688	111300
DRS3690	110545
DRS3696	111332
DRS3703	110552
DRS3730	110206
DRS3789	110461
DRS3796	110442
DRS3818	112442
DRS3850	110640
DRS3947	111885

OE No.	HC-CARGO
REMY (DELCO) *continued*	
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DRS7290	112135
DRS7310	112039
DRS7430	111855
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DRS8110	111015
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DRS9020	112071
DRS9020	112555
DRS9040	111015
DRZ0100	110325
DRZ0100	110504
DRZ0100	110505
DRZ0102	110075
DRZ0104	110170
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DRZ0115	110300
DRZ0116	110325
DRZ0118	110427
DRZ0129	110504
DRZ0129	110505
DRZ0130	110505
DRZ0131	110505
DRZ0131	110508
DRZ0132	110591
DRZ0142	110801
DRZ0143	110952
DRZ0182	110508
DRZ0191	112996
DRZ0208	110504
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DRZ0209	110801
DRZ0210	110801
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DRZ5115	110347
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DRZ5119	110347
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DRZ5122	110468
DRZ5123	110469
DRZ5128	110491
DRZ5133	111221
DRZ5144	110347
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DRZ5189	110347
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6005003156	110536
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6005701121	111289
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7700004148	110641
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7700017032	110178
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7700519797	111332
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7700525547	111332
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7700665435	110641
7701013039	110551
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7701030289	110819
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7701045695	080942
7701045786	080994
ROMANIA (E/P)	
2130	110640
DM1130	110639
DM1132	110639
DM2120	110640
DM2130	110640
DM2134	110640
DM2138	110529
DM91134	110639
ROVER GROUP	
GEU2255	111356
GNU2393	112238
YLE10011	110770
YLE10025	112238
YLE10065	112722
YLE10066	110770
YLE10067	111355
YLE10099	113763
YLE10118	113763
YLE101560	112238
YLE101570	111355
YLE101580	111355
YLE101640	111289
SAW	
10.115-171	171167
10.115-411	170851
10.185-021	171168
10.190-011	170857
14.115-011	170865
14.129-011	170867
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20.017-041	171173
20.017-181	171175
20.022-001	171178
20.022-011	171179
20.022-021	171180
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20.026-001	171181
20.026-021	171182
20.026-031	171183
20.104-031	170880
20.104-041	170881
20.196-001	170884
20.196-021	170885
20.196-031	170886
20.196-041	170887
21.008-041	171191
21.010-041	171192
21.010-051	171193
21.010-101	171194
21.010-111	171195
21.010-121	171328
21.010-131	171329
21.017-121	171196
21.026-011	171197
21.093-021	171202
21.111-001	171203
21.111-011	171204
21.131-001	170943
21.199-001	171213
21.199-011	171214
22.026-171	171215
22.028-091	170925
22.093-041	171216
22.111-001	171217
22.111-011	171218
22.111-041	171217
22.130-001	171006
22.131-011	170927
23.030-051	170928
23.033-001	170929
23.056-011	170930
23.093-001	171219
23.191-001	171220
24.030-051	170932
24.033-001	170934
24.033-031	171222
24.056-001	170935
24.056-011	170935
25.011-021	171224
25.012-011	170936
25.087-001	171225
80.091-001	171228
80.143-021	171233
90.008-101	171236
90.010-031	171237
90.010-051	171237
90.017-081	171242
90.093-011	171253
90.104-001	170975
90.104-011	170976
90.111-001	171258
90.111-011	171259
90.131-001	170989
90.131-081	170944
90.199-001	171264
90.199-011	171265
95.009-061	171266
95009-061	171266
SCANIA	
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279699	110043
326353	110043
571500	110043
571501	110043
571503	110043
4395612	070203
SEAT ↪ VOLKSWAGEN	
SIEMENS	
5WK1636	160297
5WK1640	160297
PM3511	160250
SJCE	
3M0110/10	111645
3PN0001	112339
3PN0001/3	111646
MO101/10	111645
PN0001	112339
PN001/3	111646
SPAL	
005-A45-02	160510
006-A46-22	160647
006-A54-22	160511
006-B40-22	160557
006-B40-22/4	160878
006-B50-22	160512
008-A100-93D	160593
008-A45-02	160483
008-B45-02	160649
009-A22-26D	160592
009-A70-74D	160592
009-B40-22	160594
010-A70-74D	160639
010-B70-74D	160596
VA01-BP70/LL-36A	160584
VA01-BP70/LL-36S	160908
VA04-AP70/LL-37A	160885
VA04-AP70/LL-37S	160912
VA07-AP12/C-31A	160537
VA07-AP12/C-58A	160537
VA07-AP12/C-58S	160910
VA07-AP7/C-31A	160537
VA07-AP8/C-58A	160537
VA07-BP12/C-58A	160799
VA07-BP12/C-58S	160597
VA07-BP7/C-31A	160906
VA07-BP7/C-31S	160588
VA08-AP51/C-23A	160914
VA08-AP51/C-23S	160915
VA08-BP51/C-23A	160909
VA09-AP12/C-27A	160598
VA09-AP12/C-27S	160601
VA09-AP12/C-54S	160601
VA09-AP8/C-27A	160598
VA09-AP8/C-27S	160601
VA09-BP12/C-27A	160599
VA09-BP12/C-27S	160600
VA09-BP12/C-54A	160599
VA09-BP12/C-54S	160600
VA09-BP50/C-27A	160599
VA09-BP50/C-27S	160600
VA09-BP8/C-27A	160599
VA09-BP8/C-27S	160600

OE No.	HC-CARGO
VA10-AP10/C-61A	160538
VA10-AP10/C-61S	160536
VA10-AP9/C-25A	160538
VA10-AP9/C-25S	160536
VA10-BP10/C-61A	160584
VA10-BP50/C-25A	160584
VA10-BP50/C-61S	160737
VA10-BP9/C-25A	160584
VA11-AP7/C-29A	160539
VA11-AP7/C-57A	160539
VA11-AP7/C-57S	160911
VA11-AP8/C-57A	160539
VA11-BP12/C-57A	160587
VA11-BP12/C-57S	160714
VA11-BP7/C-29A	160587
VA15-BP70/LL-39A	160907
VA18-BP10/C-41S	160595
VA18-BP51/C-41S	160595
VA18-BP70/LL-41A	160777
VA18-BP70/LL-41S	160595
VA18-BP70/LL-86A	160777
VA18-BP70/LL-86S	160595
VA34-AP70/LL-36A	160739
VA34-AP70/LL-36S	160913
VA34-BP70/LL-36S	160619
SKODA ↪ VOLKSWAGEN	
SSANG YONG	
0091543002	112529
STANADYNE	
ST26214	080873
ST26387	080926
STEYRE ↪ MERCEDES BENZ	
STRIBEL	
898211	160466
899626	160337
899627	160308
899628	160308
899744	160308
899747	160337
899784	160337
899798	160337
899839	160337
899932	160394
899957	160394
SUZUKI	
163547	160311
15100-85501	070213
31100-73010	110421
31100-73030	110421
31100-73071	110421
31100-73090	110421
38610-85C00	160315
SWF	
402227	160031
402229	160033
402230	160032
402231	160034
611012	160316
611013	160317
611100	160242
611101	160244
611102	160243
611107	160305
611108	160305
611111	160315
611112	160315
611114	160262
611115	160199
611116	160315

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SYNCHRO-START	
150212C3U1B1S1A	090160
150212C7U2B2S7	090224
150224C3U1B1S2A	090161
1502ES12C3U1B2S1	090109
1502ES24C3U1B2S2	090110
1503ES-12A5SUC9SCC28	090268
1503ES-12A5SUC9SCG28	090268
1503ES12A5UC5S	090216
1503ES12A5UC9S	090373
1503ES12S5UC5S	090228
1503ES24A5UC5S	090402
175124A2U1BS1A	090297
200112E3U1B2S2	090168
200124E3U1B2S2	090169
2001ES12E3U1B2S2	090111
2001ES24E3U1B2S2	090113
SA3405T	090224
SA-3742-12	090095
SA-3742-24	090099
SA-3765-12	090097
SA-3765-24	090101
SA-3776T	090216
SA-3799-12	090096
SA-3799-24	090100
SA-3800-12	090098
SA-3800-24	090102
SA-3991-12	090334
SA-3999-12	090104
SA-3999-24	090106
SA-4014-12	090103
SA-4014-24	090105
SA-4026-12	090107
SA-4026-24	090108
SA-4180-12	090199
SA-4182-24	090200
SA-4228	090226
SA-4561T	090373
SA-4562T	090228
SA-4564-12	090206
SA-4567T	090402
SA-4569-T	090216
SA4646-24	090267
SA-4668-S	090268
SA-4744-12	090368
SA-4817-12	090206
SA-4850	090228
SA-4899-12	090370
SA-4899-24	090371
SA-4920-12	090206
SA-4921	090228
SA-4934-12	090225
SA-5019	090268
SA-5157	090268
SA-5171	090160
SA-5174-12	090111
SA-5174-24	090113
SAAB	
4069985	160791
4395612	070203
8512311	113474
8530446	113474
8545543	113474
8553463	160749
8593477	160197
9506379	160197
TARASOV WORKS	
24.3708	111350
TECUMSEH	
32468	112564
33432	234120
33835	112313
33844	234121
35765	112564
334323	234120

OE No.	HC-CARGO
32468A	112564
32468B	112564
34949A	234122
35765A	112564
THERMO KING	
25-35458-00	110246
25-35465-00	110246
3041C58G01	112249
44-5674	111683
45-220	112249
45-267	112249
45-338	112249
45-5657	111683
46-2663	112249
TOYOTA	
27060-78001-71	110620
27060-96001	110620
28100-12012	110421
28100-12030	110421
28100-12040	110421
28100-22010	110421
28100-22011	110421
28100-22012	110421
28100-22020	110421
28100-22021	110421
28100-22022	110421
28100-87803	113208
90987-02001	160480
90987-02004	160480
90999-99089	160480
TRANSPO	
BR1546	234170
BR3219	234167
BR4890	230149
BR7809	234171
D13702	130505
D9212	130505
D9212-1	130505
D9212-1-B32	130505
D9212S	130505
D9212S-1	130505
IB390	130032
IL1292	130883
IL1292	130884
IL2210	130041
IL2214	130040
RE006	191752
RE007	191026
RE20N24A	160307
RE20N24D	160215
RE30N12A	160282
RE30N12B	160265
RE30N12C	160083
VR13915	233624
TYCO	
925176	170799
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925306-2	170619
UNIPOINT	
ALT-1024	110504
ALT-2122	112170
ALT-4028A	114360
ALT-4036	110497
ALT-4040	111686
ALT-4041	112097
ALT-5024	113401
ALT-5300	111048
ALT-5302	111048
ALT-5303	111048
ALT-5304	111048
ALT-5305	110620
ALT-5306	110620
ALT-T145	111833

OE No.	HC-CARGO
ALT-T158	114365
P-06212	135403
P-06512	135404
SNLS-001	231527
SNLS-001A	231527
SNLS-002	231526
SNLS-004	231525
SNLS-005	234071
SNLS-006	234072
SNLS-007	234073
STR-1002	110635
STR-1006	112242
STR-1053	110510
STR-1058	111012
STR-1070	110949
STR-23801	114437
STR-2382	110208
STR-2387	110512
STR-3803	113680
STR-4207	112089
STR-4209	112089
STR-4340	113695
STR-4341	112169
STR-5001	111683
STR-6090	113725
STR-7007	111300
STR-7072	111221
STR-7158	111760
STR-8018	110182
STR-8110	110447
STR-8111	110940
STR-8276	112546
STR-B015	111855
WB-1011S	160628
WB-1013S	160633
WB-1014S	160635
WB-1015S	160638
WB-1016S	160641
WB-1017S	160643
WB-1018S	160645
WB-1019S	160648
WB-1020S	160650
WB-1021S	160653
WB-1022S	160655
WB-1024S	160661
WB-1816S	160741
WB-1818S	160745
WB-1819S	160748
WB-1820S	160750
WB-1821S	160753
WB-1822S	160755
WB-1824S	160761
WB-1826S	160766
WB-1828S	160771
UNITED TECHNOLOGIES	
0599440	110510
1146340	110510
1250740	110510
1574540	111701
1653340	110510
1770540	110949
1801940	135400
4509809	110510
5174740	112546
5665940	111701
5666140	110510
5666740	111701
7017540	135400
0255740DV30SM	135403
0599440-M030SM	110510
0815440DV30SM	135402
1146340-M030SM	110510
1250740-M030SM	110510
1570140MO30SM	110510
1574440M030SM	110510
1574540MO30SM	111701
1635323-M030SM	110510
1635340-M030SM	110510

OE No.	HC-CARGO
UNITED TECHNOLOGIES *continued*	
1637540DV30SM	135401
177054030SM	110949
1801940DV30SM	135400
1819040MO30SM	110949
1819140M030SM	112568
1820040DV30SM	135408
2034640DV30SM	135404
2134940MO30SM	112831
4367240MO30SM	113015
4379040MO30SM	113015
4419240DV30SM	135406
4509809S030SM	110510
4733040M030SM	114075
4733040MO30SM	111012
4733840DV30SM	135409
4787140DV30SM	135402
5213140MO30SM	110949
5213240MO30SM	112831
5239740MO30SM	112150
5278440MO30SM	112150
5665920MO30SM	111701
5665940MO30SM	111701
5666120MO03SM	110510
5666120MO30SM	110510
5666140MO30SM	110510
5666220MO30SM	110949
5666240MO30SM	110949
5666320MO30SM	112568
5666340MO30SM	112568
5666420MO03SM	112831
5666440MO30SM	112831
5666620MO30SM	111012
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56666420MO30SM	112831
5666740MO30SM	111701
5667040MO30SM	112150
5667140MO30SM	113017
5695340KT30SM	135409
5695KT30SM	135409
6024140GE30SM	230399
6727040MO30SM	113017
6734620MO30SM	112150
7010440DV30SM	135402
7017540DV30SM	135400
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DV02557	135403
DV08154	135402
DV16375	135401
DV18019	135400
DV18200	135408
DV20346	135404
DV44192	135406
DV47338	135409
DV47871	135402
DV551067	135409
DV551067A	135409
DV551067AS	135409
DV551068A	135411
DV551092A	135410
DV551092AS	135410
DV70104	135402
DV70175	135400
SM05994	110510
SM11463	110510
SM12507	110510
SM15701	110510
SM15745	111701
SM16353	110510
SM17705	110949
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SM47330	111012
SM50497	110510
SM52132	112831
SM52397	112150
SM52784	112150
SM56659	111701
SM56661	110510
SM56662	110949
SM56663	112568
SM56664	112831
SM56666	111012
SM56670	112150
SME12A11	110510
SME12A8	110510
SMH12A102	110510
SMH12A2	110510
SMH12A201	110510
SMH12A202	110510
SMH12A4	110510
SMH12C1	111701
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090113	090113
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090370	090370
090371	090371
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234073	234073
VALEO	
03283	160337
03501	160358
03523	160337
03601	160282
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432570	110819
432571	110819
432572	111332
432825	111289
432836	111289
432868	111686
432973	110178
432984	111948
432989	112098
433115	111035
433117	110912
433118	111035
433292	110461
433293	110530
433295	110775
433311	110640
433314	111332
433315	111332
433316	110565
433318	110536
433359	110179
433404	110975
433476	110641
433485	110179
433485	110969
433485	111184
433486	112238
434005	110766
434016	111833
434017	112046
434027	111833
436010	110868
436037	110814
436041	110844
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436070	111755
436072	110442
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436074	110529
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436075	112135
436076	110818
436077	110536
436077	111752
436100	110975
436105	110882
436105	110890
436105	111686
436109	110899
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436111	110890
436111	110912
436112	110611
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436148	111168
436153	110077
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436161	110972
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436166	111289
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436167	111204
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436169	111289
436175	110178
436179	110178
436179	110770
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436179	111362
436180	111289
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436189	110975
436194	110360
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436215	110360
436235	110882
436236	111035
436237	110882
436237	110890
436237	111686
436239	111620
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436241	110912
436241	111620
436243	111620
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436264	110107
436264	111649
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436265	110641
436266	111662
436266	112098
436267	110105
436267	111649
436269	111662
436269	112098
436272	112736
436273	111355
436287	110971
436294	110107
436297	111686
436351	112113
436355	110043
436376	112183
436414	112098
436416	111419
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436417	111419
436418	112747
436419	110766
436420	110117
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436424	110761
436425	111141
436426	111141
436427	110761
436430	111141
436436	110043
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436438	111528
436438	113477
436450	112529
436451	111369
436455	110043
436479	111948
436497	111048
436531	110969
436567	112742
436578	111141
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436586	110882
436663	112113
436667	111369
436687	111289
436687	111362
436692	110770
436695	113474

OE No.	HC-CARGO
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436707	112113
436715	111940
436716	111716
436717	111940
436718	112529
436726	110972
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437126	112529
437379	111362
437381	111289
437499	112529
437587	112529
437675	112194
437701	112196
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438041	110210
438042	110213
439095	111369
439098	111716
439099	111940
439244	111369
439245	112529
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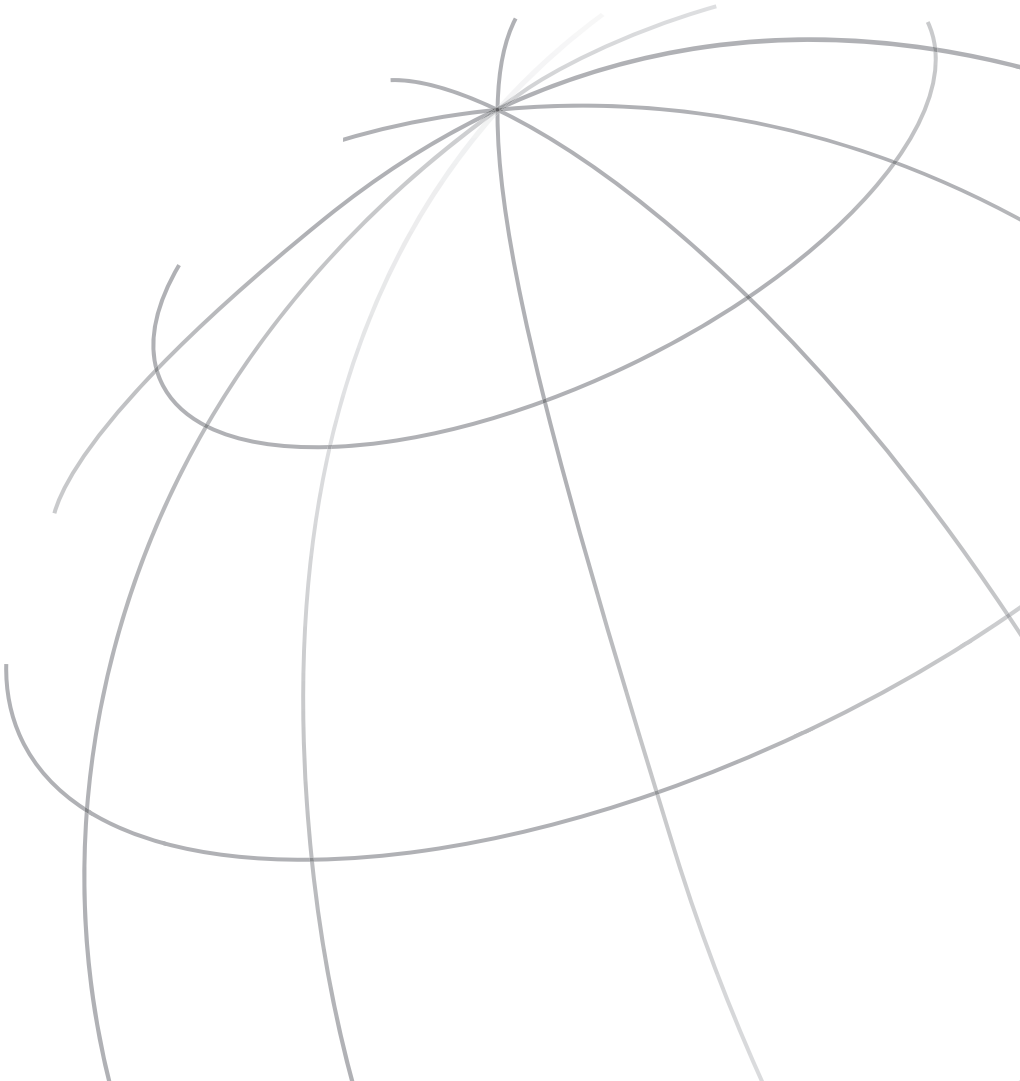
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190221	331	192214	391	193035	392	240804	110
190222	331	192215	391	193036	392	240814	112
190223	331	192234	330	193037	392	240815	112
190224	332	192293	387	193038	392	240818	107, 110
190225	332	192294	387	193039	392	240821	106
190226	332	192295	390	193040	392	241081*	106, 111
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190231	332	192384	391	193167	328	241085	106, 112
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190235	333	192386	387	200635	227	241087	109
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190239	333	192388	387	200728	227	241089	107, 113
190242	333	192389	387	200733	227	241093	109
190253	331	192390	388	200837	227	241094	109
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190766	375	192398	388	230399	98, 102	241096	113
190767	375	192399	389	230400	98	241097*	113
190866	327	192400	324	231525	103	241098	113
190867	327	192401	324	231526	103	241099	110
190937	392	192402	325	231527	103	241112*	113
190938	392	192403	325	234070	103	241158*	113
191026	375	192493	326	234071	103	4440X	160
191056	392	192559	389	234072	103	H4360	160
191133	325	192560	389	234073	104	H5360	160
191134	325	192681	329	234121#	100		
191166	326	192682	329	234122#	100		
191167	327	192844	390	234167#	90		

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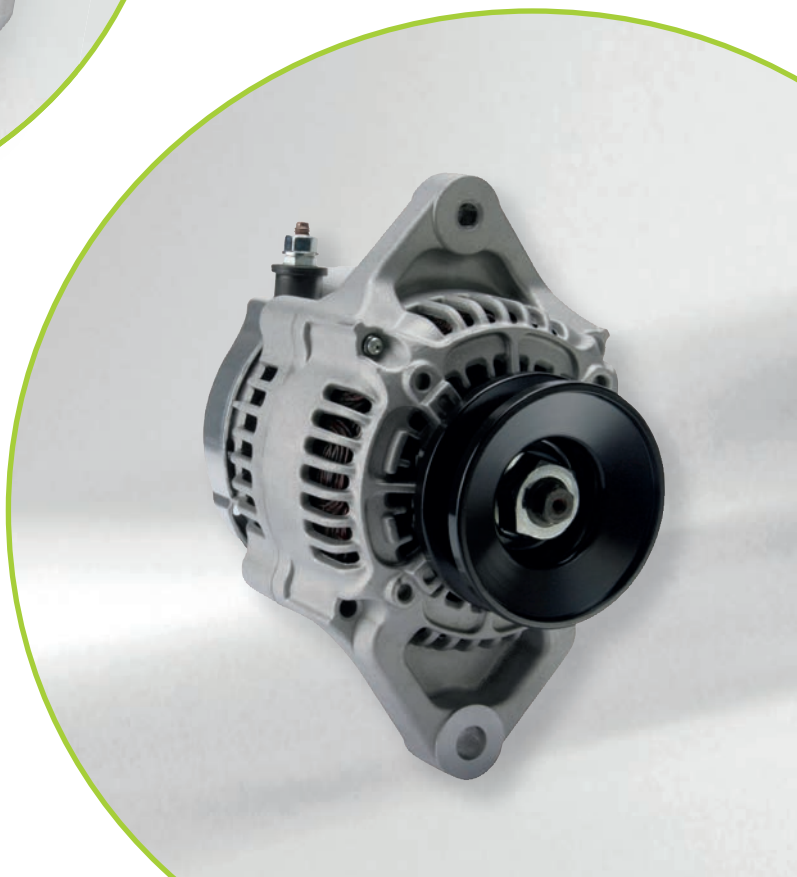
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