

DURITE[®]
auto electrical parts



DURITE PRODUCT CATALOGUE

January 2015



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ABOUT DURITE

Durite is the UK's leading brand in auto electrical parts for the commercial and general vehicle aftermarkets, including trucks and vans, marine, agricultural and leisure vehicles.

For almost 80 years, Durite has built an impeccable reputation, manufacturing and supplying high quality parts to the automotive aftermarket. Today, the Durite brand is synonymous with quality products and outstanding customer service.

We have only been able to thrive for so long by looking after our customers and continual development. We are committed to providing our customers with an exceptional level of service and a wider range of products.

Quality, availability, affordable value and high levels of service are at the core of everything we do.

Durite is accredited ISO9001:2008.

Our products:

- + **Lighting** – rear lighting, marker lamps, warning lights, work and spot lamps and interior lighting
- + **Switches and indicators**
- + **Cable and wiring accessories** – including battery terminals and cables, single and multicore cables, connectors, junction boxes and fuses
- + **Safety equipment** – including reversing CCTV kits, mirrors and back-up alarms
- + **Voltage inverters**
- + **Equipment and accessories** – including gauges, fans, horns and trailer and caravan plugs & sockets
- + **Relays and flasher units**
- + **Replacement components**
- + **Workshop and test equipment** – battery chargers and testers, measuring instruments, inspection lamps and more

Our commitment:

- + **Reliable, high quality Durite parts**
- + **Dedicated & qualified technical support**
- + **Competitive pricing**
- + **Exceptional stock availability**
- + **Outstanding customer service**



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NEW PRODUCTS



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At Durite, we are committed to providing our customers a wide range of high quality products. This year, over 130 products have been added to our catalogue!

+ Voltage inverters

Durite now offers a wider range of sine and modified waves inverters, from 125W up to 3000W outputs and available in both 12V and 24V.

+ Lighting

Over 40 lights have been added to our existing range, making it one of the most versatile in the market place. Take a look at our new interior lamps and high quality LED work lamps!

+ Switches and indicators

A few additions to our already extensive switches and indicators line. If you are looking for it, Durite has it!

+ Cable and wiring accessories

Over 50 new parts have been included in this year's new Durite catalogue. Take advantage of our competitive range!

+ Equipment and accessories






Power sockets and panels have been added to give you greater flexibility of fitting options.


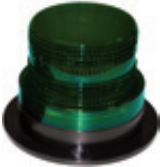
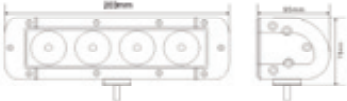
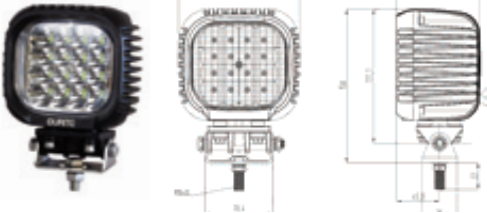
+ Workshop and test equipment

Brand new range of tool sets insulated to 1000V VDE, latest inspection LED and COB LED lamps and tools, hand-held testers and more. Durite provides you and your customers high quality workshop must-haves.

NEW

Inverters

Product	Part No	Description	Quantity
	0-857-08	Sine wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 800W continuous with a quiescent current <0.7A. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with 2 UK standard 3 pin socket outlet and on/off switch.	1
	0-857-58	24V version of the above.	1
	0-857-22	Sine wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 2200W continuous with a quiescent current <1.5A. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with 2 UK standard 3 pin socket outlet and on/off switch.	1
	0-857-72	24V version of the above.	1
	0-857-27	Sine wave voltage inverter, input 12 15V DC to 230V AC 50Hz output. Rated at 2700W continuous with a quiescent current <2A. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with 2 UK standard 3 pin socket outlet and on/off switch.	1
	0-857-77	24V version of the above.	1
	0-856-22	Modified wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 2200W continuous with a quiescent current <1.2A. Protected against over load, over temperature, low battery and short circuit. Supplied with 2 UK standard 3 pin socket outlet, on/off switch.	1
	0-856-72	24V version of the above.	1
	0-856-30	Modified wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 3000W continuous with a quiescent current <1.0A. Protected against over load, over temperature, low battery and short circuit. Supplied with 2 UK standard 3 pin socket outlet, on/off switch.	1
	0-856-80	24V version of the above.	1

Product	Part No	Description	Quantity
	0-444-29	12V beacon with spigot fixing and polycarbonate amber lens. Approx. 140rpm. Supplied with H1 bulb. 12V 55W. ECE R65 approved. Dimensions: 132 x w 132 x h 235.5mm.	1
	0-445-87	Low profile LED beacon, 12 110V DC with polycarbonate green lens and 3 bolt fixing, 45 quad flashes per minute, 5 high intensity LEDs. CE and ECE approved. 130 x w 130 x h 92.6mm	1
	0-420-05	Square work amp, fitted with 12V 55W H3 bulb. Comes with powder coated mounting bracket. 1100 lumens. Protected to IP65. Suitable for use with 24V 70W H3 bulb.	1
	0-420-92	A powerful 4 x 10W, 10 60V CREE LED work amp. Back powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel bracket. 2700 lumens. Protected to IP67. 95 x w 203 x h 73mm.	1
	0-420-93	Spot light version of the above.	1
	0-420-73	A powerful 4 x 10W 10 30V CREE LED work amp. Back powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel bracket. 3500 lumens. Protected to IP67. 90 x w 127 x h 160mm.	1
	0-420-76	A powerful 16 x 3W 10 30V CREE LED work amp. Back powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel bracket. 3800 lumens. Protected to IP67. 88 x w 125 x h 180mm.	1
	0-420-77	Spot light version of the above.	1
	0-420-54	A powerful 25W 9 36V CREE LED work amp. Back powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel bracket. 1700 lumens. Protected to IP68. 76 x w 60 x h 83mm.	1
	0-420-55	Spot light version of the above.	1


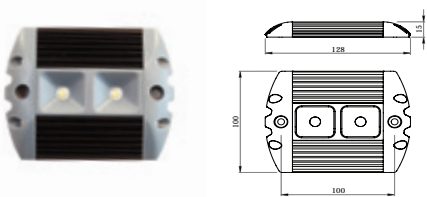
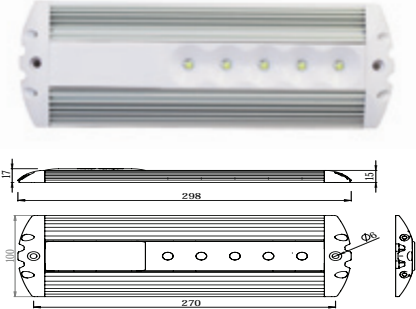



NEW

Lighting

Product	Part No	Description	Quantity
	<p>0-420-58</p> <p>0-420-59</p>	<p>A powerful 25W 9.36V CREE LED work lamp. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel bracket. 1700 lumens. Protected to IP68. 103 x w 105 x h 98mm.</p> <p>Spot light version of the above.</p>	<p>1</p> <p>1</p>
	0-420-60	A powerful 2 x 5W 10.60V LED work lamp. Black powder coated die cast aluminium case with a polycarbonate lens. 800 lumens. Protected to IP67. 98 x w 80 x h 70mm.	1
	0-420-61	A powerful 2 x 10W 10.60V LED work lamp. Black powder coated die cast aluminium case with a polycarbonate lens. 1500 lumens. Protected to IP67. 98 x w 80 x h 70mm.	1
	0-668-66	10.30V, 6 LED exterior lamp. Polycarbonate housing and lens. Approximately 400 lumens. 202 x w 72 x h 35mm.	1
	0-668-60	Curved LED light 10.32V. 15W with surface mount. Over 1100 lumens, Solid aluminium casting, Unique curved PCB, Waterproof to IP67. 230 x w 36 x h 63mm.	1
	<p>0-442-91</p> <p>0-442-92</p>	<p>Black plastic bezel with back silicone gasket and fixing. Fits 2 x 3 LED lamps.</p> <p>R65 class 2 compliant when used with part number 0 442 11 (3 LED warning light).</p> <p>As above. Fits 2 x 4 LED lamps.</p> <p>R65 class 2 compliant when used with part number 0 442 21 (4 LED warning light).</p>	<p>1</p> <p>1</p>
	0-743-22	Slime line PIR motion sensor switch. 12V 4.5A max. load. 30 second timer for extended battery life. Low energy consumption. 120 x w 44 x h 19mm.	1

NEW

Lighting


Product	Part No	Description	Quantity
	0-668-23	10 32V LED roof light with integrated on/off switch, 2 x 1.25W high intensity CREE LEDs. 320 umens. 107 x w 44 x h 14mm.	1
	0-668-21	10 32V LED roof amp. 2 x 1.25W CREE white LEDs. 244 umens. Waterproof to IP67. 128 x w 100 x h 15mm.	1
	0-668-22	LED roof amp with 5 CREE white LEDs, 10 32V. 12.5W, 1100 umens. Waterproof to IP67. 298 x w 100 x h 15mm.	1
	0-668-41	12V LED roof amp with 24 x 2.2W LEDs. ABS end caps. Choice of 3 different light angles. Integrated switch. 360 x w 37 x h 16mm.	1
	0-668-63	24V, 6 LEDs. 360 x w 37 x h 16mm.	1
	0-668-42	12V, 4.4W, 48 LEDs. 610 x w 37 x h 16mm.	1
	0-668-64	24V version of the above. 610 x w 37 x h 16mm.	1
	0-668-43	12V, 6.6W, 36 LEDs. 860 x w 37 x h 16mm.	1
	0-668-65	24V version of the above.	1
	0-668-38	LED light strip with 6 high intensity CREE LEDs 12V 3W. Integrated switch. 300 umens. Waterproof to IP66. 375 x w 44 x h 15mm.	1
	0-668-39	LED light strip with 24 high intensity CREE LEDs, 12V 3.7W. Tough aluminium housing, integrated switch. 288 umens. Waterproof to IP66. 624 x w 44 x h 15mm.	1

NEW

Lighting

Product	Part No	Description	Quantity
	0-668-13	Sma 12/24V round LED interior amp. 117 white LEDs, surface mount, white polycarbonate housing and lens with integrated rocker switch and flying leads. 340 umens. 107 x w 107 x h 23mm.	1
	0-668-08	Decorative 12V ceiling amp with switch, 12W super bright LEDs with night light function, aluminium base with flying leads. 400 umens. CE approved. 253 x w 253 x h 37mm.	1
	0-668-09	12V decorative mini ceiling amp with 3 position switch. 6 bright 2W LEDs and night light function. Aluminium base with flying leads. 100 umens. CE approved. 70 x w 70mm x h 36mm.	1
	0-668-44	Low profile 12V ceiling amp with 3 position switch and night function. ABS base with polycarbonate lens, with flying leads. 1150 umens. CE approved. 250 x w 250 x h 55 mm.	1
	0-668-70	12/24V LED mood amp with frosted lens, 42 indirect square LEDs and an on/off switch. Aluminium body. ECE R10 approved. 178 x w 90 x h 12mm.	1
	0-668-71	72 LED version. 266 x w 90 x h 12mm	1
	0-668-72	108 LED version. 374 x w 90 x h 12mm	1
	0-668-73	138 LED version 465 x w 90 x h 12mm	1
	0-668-74	12/24V LED mood amp with frosted lens, 42 indirect square LEDs and an on/off switch. Aluminium body. ECE R10 approved. 178 x w 145 x h 12mm.	1
	0-668-75	72 LED version. 266 x w 145 x h 12mm	1
	0-668-76	108 LED version. 374 x w 145 x h 12mm	1
	0-668-77	138 LED version 465 x w 145 x h 12mm	1

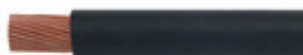
Switches and indicators

Product	Part No	Description	Quantity
		On/off single pole illuminated round rocker switch. 4.8mm blade terminals. Snap fits into 20mm diameter panel hole. 20A at 12V rating.	
	0-531-24	Green LED 12V.	1
	0-531-25	Red LED 12V.	1
	0-531-30	Amber LED 12V.	1
	0-531-74	Green LED 24V.	1
	0-531-75	Red LED 24V.	1
0-531-80	Amber LED 24V.	1	
	0-658-03	Illuminated change over or on/off switch, LED changes from red to green. Double pole single throw, 6.3mm terminals, 11mm diameter panel hole. 30A at 12V rating.	1
	0-658-53	24V version of the above.	1
	0-531-18	Amber with beacon symbol, on/off single pole switch, plastic rocker. 12/24V LED indicator, 4.8mm blade terminals. Snap fits into 20mm diameter panel hole. 10A at 12V DC rating.	1
	0-531-11	As above, amber with work lamp symbol.	
	0-798-95	Rocker removal tool for use with 0-795-XX and 0-796-XX rocker switches. Will also assist in removal of switch bodies from the panel.	1
	0-605-22	Double pole battery isolator with fixed handle. Rated at 125A continuous at 125A per second and 500A for 15 seconds. 3/8" 24 studs and requires 18.6mm hole.	1

NEW

Cables and wiring accessories

Product	Description	Quantity
	Single core PVC thin wall cables to ISO6722-1:2011	
	24/0.20mm 0.75mm² 14A, nominal OD 1.9mm.	reel 100 metres
	0-931-01 black	0-931-07 white
	0-931-02 blue	0-931-08 yellow
	0-931-03 brown	0-931-09 grey
	0-931-04 green	0-931-10 orange
	0-931-05 red	0-931-11 pink
	0-931-06 purple	0-931-40 light green
	21/0.30mm 1.5mm² 21A, nominal OD 2.4mm.	reel 100 metres
	0-930-01 black	0-930-06 purple
	0-930-02 blue	0-930-07 white
	0-930-03 brown	0-930-08 yellow
	0-930-04 green	0-930-09 grey
	0-930-05 red	0-930-10 orange
	35/0.30mm 2.5mm² 29A, nominal OD 3.0mm.	reel 50 metres
	0-934-01 black	0-934-05 red
	0-934-03 brown	
	44/0.30mm 3.0mm² 33A, nominal OD 3.4mm.	reel 50 metres
	0-935-01 black	0-935-05 red
0-935-03 brown		
65/0.30mm 4.5mm² 42A, nominal OD 4.1mm.	reel 30 metres	
0-936-01 black	0-936-05 red	
0-936-03 brown		
84/0.30mm 6.0mm² 50A, nominal OD 4.3mm.	reel 30 metres	
0-937-01 black	0-937-05 red	
0-937-03 brown		
97/0.30mm 7.0mm² 57A, nominal OD 5.1mm.	reel 30 metres	
0-939-01 black	0-939-05 red	
0-939-03 brown		
120/0.30mm 8.5mm² 63A, nominal OD 5.6mm.	reel 30 metres	
0-938-01 black	0-938-05 red	
0-938-03 brown		
80/0.40mm 10.0mm² 70A, nominal OD 6.0mm.	reel 30 metres	
0-940-01 black	0-940-05 red	
0-940-03 brown		



Single insulated flexible starter cables to BS6862

451/0.30mm 35.0mm², 240A, nominal OD 11.7mm.	reel 10 metres
0-976-10 black	0-976-15 red
640/0.30mm 50.0mm², 345A, nominal OD 13.5mm.	reel 10 metres
0-977-10 black	0-977-15 red





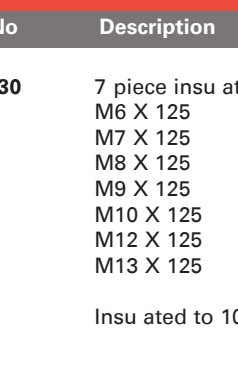
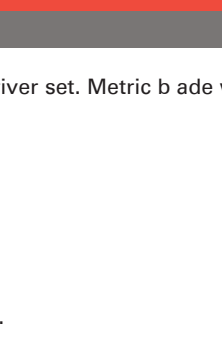
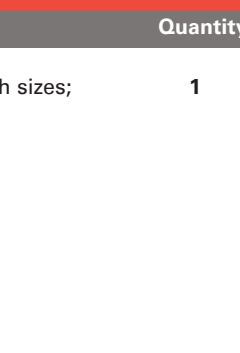
0-234-60	Splashproof blade fuse box with LED indicators, 10 way, max 25A per fuse, 150A total fuse box.	1
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Equipment and accessories

Product	Part No	Description	Quantity
	0-601-08	Back 12V USB port socket. Two USB ports, output 5V 3.1A DC total, ABS plastic. 36.5mm diameter. Supplied with standard nut. For 28mm diameter panel hole.	1
	0-601-07	Back 12V power socket. 36.5mm diameter. Supplied with standard nut. For 28mm diameter panel hole.	1
	0-601-09	12V cigarette socket. Back cover. 36.6mm diameter. Supplied with cover. For 28mm diameter panel hole.	1
	0-601-51	Front panel mount, 1 hole. For fitment of 28mm diameter sockets.	1
	0-601-52	Rear panel mount, 1 hole. For fitment of 28mm diameter sockets.	1
	0-601-57	Front panel mount, 2 holes. For fitment of 28mm diameter sockets.	1
	0-601-58	Rear panel mount, 2 holes. For fitment of 28mm diameter sockets.	1
	0-601-61	Mounting housing, 1 hole. For fitment of 28mm diameter sockets.	1
	0-601-62	Mounting housing, 2 holes. For fitment of 28mm diameter sockets.	1

NEW

Workshop and test equipment









Product	Part No	Description	Quantity
	0-706-30	7 piece insulated nut driver set. Metric blade with sizes; M6 X 125 M7 X 125 M8 X 125 M9 X 125 M10 X 125 M12 X 125 M13 X 125 Insulated to 1000V VDE.	1
	0-706-10	7 piece insulated screwdriver set. Magnetic tip. Slotted head: 1.2 X 6.5 X 150 Slotted head: 1.0 X 5.5 X 125 Slotted head: 0.8 X 4.0 X 100 Slotted head: 0.4 X 2.5 X 75 Phillips head: PH1 X 80 Phillips head: PH2 X 100 Voltage Tester: For 12V use only Insulated to 1000V VDE.	1
	0-706-50	14 piece insulated socket set. Contains; 3/8" DR.8mm Sockets, 44.5mm length 3/8" DR.10mm Sockets, 44.5mm length 3/8" DR.12mm Sockets, 44.5mm length 3/8" DR.13mm Sockets, 44.5mm length 3/8" DR.14mm Sockets, 44.5mm length 3/8" DR.17mm Sockets, 46mm length 3/8" DR.19mm Sockets, 46mm length 3/8" DR.22mm Sockets, 46mm length 3/8" DR.4mm Hex Bits Sockets, 60mm length 3/8" DR.5mm Hex Bits Sockets, 60mm length 3/8" DR.6mm Hex Bits Sockets, 60mm length 3/8" DR.8mm Hex Bits Sockets, 60mm length 3/8" DR.Ratchets 200mm, 200mm length 3/8" DR.Extensions 150mm, 200mm length Insulated to 1000V VDE.	1
	0-706-20	3 piece VDE insulated plier set. Contains; 180mm Combination pliers. 160mm Diagonal Cutting Pliers 200mm Long Nose pliers Insulated to 1000V VDE.	1
	0-706-40	10 piece insulated open ended spanner set. 7mm open ended spanners, 88.4mm length 8mm open ended spanners, 104.0mm length 9mm open ended spanners, 104.0mm length 10mm open ended spanners, 114.4mm length 11mm open ended spanners, 124.5mm length 12mm open ended spanners, 124.5mm length 13mm open ended spanners, 154.0mm length 14mm open ended spanners, 154.0mm length 17mm open ended spanners, 154.0mm length 19mm open ended spanners, 154.0mm length Insulated to 1000V VDE.	1

Workshop and test equipment

Product	Part No	Description	Quantity
	0-534-13	12V memory saver. Used to avoid the loss of memory during the battery replacement. Clear LED indicators. Low power warning when the power is low. Short circuit and polarity protection. Fits OBDII sockets. Supplied with crocodile clips and lead for 9V alkaline battery.	1
	0-535-01	Endoscope for gaining visual access to areas otherwise impossible or hard to access such as exhaust pipes. 300k pixel camera resolution with a 30 frames per second picture transmit rate. Fitted with PC connector cable.	1
	0-544-01	Infrared thermometer. Measures temperatures between 50deg - 800deg C. Designed to measure surface temperature whereas traditional contact type thermometers are inappropriate. Distance to spot ratio: 30:1.	1
	0-534-80	Auto tester. Tests electrical circuits from 3 to 48V DC. 2 LEDs indicate live circuit and positive (+) or negative (-) polarity. Universal test instrument for motor vehicles and electronics. Integral, spring loaded, pointed probe for testing through insulation. Comes with 90cm cable and insulated alligator clip. For application of DC circuits only.	1
	0-797-01	EOBD code scanner for translation of error codes for vehicles. 320 x 240 QVGA LCD display. Detect systems: J1850 VPW, J1850PWM, ISO15765-4 CAN11Bit, ISO15765-4 CAN29Bit, ISO14230 KWP, ISO14230 KWP5BPS ISO9141-2	1
	0-535-05	Recordable inspection video borescope. Includes video borescope, USB cable, TV cable, mirror, hook and magnet. Gooseneck length of 88 ± 2cm. 480 x 234 monitor resolution. Adjustable brightness with 54 degree field of view.	1
	0-703-97	5 in 1 pick up tool with chrome plated finish. Consists of; 1 x magnetic hook up to 380mm long. Capacity: 0.5 Lb, 6 steps telescopic pick up tool. 1 x 3.5 * 83mm long straight hook 1 x 3.5 * 85mm long 120 degree hook 1 x 3.5 * 93mm long degree hook 1 x 3.5 * 93mm long round angle hook	1

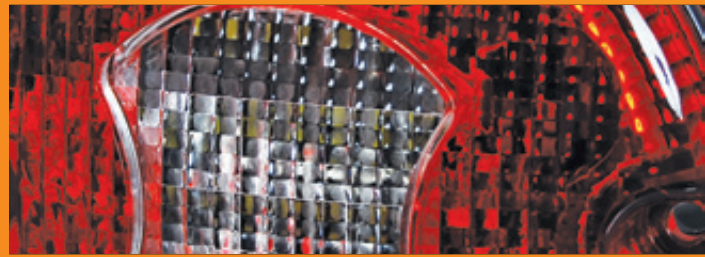
NEW

Workshop and test equipment

Product	Part No	Description	Quantity
	0-534-28	Cordless circuit tester. Detects voltages between 3-28V. Safe with ECMs, sensors, transducers, airbags and many other items. No ground wire or clip required and comes with replaceable long life alkaline batteries.	1
	0-472-75	Digital brake fluid tester suitable for determining brake fluid quality. Developed for professional use in automotive repair shops and in servicing. Quality is tested and indicated on 5 LEDs.	1
	0-440-50	Anti-freeze tester for ethylene glycol solutions. Rubber bumper and hose, glass jar and L type float. Temperature range: 5-70 degrees Celsius, gravity range: 0-53% anti-freeze. Total height 602 mm.	1
	0-699-81	LED cordless rechargeable inspection lamp. With 16 x 0.2W LEDs and lithium ion battery. Fitted with magnet. Supplied with 230V 50Hz mains charger.	1
	0-699-96	Spare battery	
	0-699-83	LED cordless rechargeable inspection lamp. With 2W COB LED, 3 LEDs at the top and Lithium Ion battery. Fitted with magnet and hook. 180 degrees foldable. Supplied with 230V 50Hz mains charger.	1
	0-699-84	LED cordless rechargeable inspection lamp. With 3W COB LED, 5 LEDs at the top and Lithium Ion battery. Fitted with magnet and hook. 120 degrees foldable. Supplied with 230V 50Hz mains charger.	1
	0-699-82	LED cordless rechargeable inspection lamp. With 3W COB LED and Lithium Ion battery. Protected to IP65. Fitted with magnet and hook. Supplied with 230V 50Hz mains charger.	1
	0-699-85	LED cordless rechargeable inspection lamp. With 3W COB LED, 4 LEDs at the top and Lithium Ion battery. Fitted with magnet and hook. 180 degrees foldable. Supplied with 230V 50 Hz mains charger.	1

2

LIGHTING





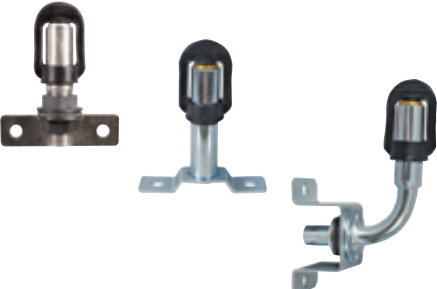


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LIGHTING

Beacons

Product	Part No	Description	Quantity
	0-444-01	Rotating 12/24V beacon with single bolt fixing and amber lens. 160 ± 30 r.p.m. Supplied without H1 bulb. EMC, ECE R65 and CE approved, h 156 x dia 131mm.	1
	0-444-03	As above with three bolt fixing, h 143 x dia 153mm.	1
	0-444-19	As above with flexible DIN spigot fixing, h 214 x dia 134mm.	1
	0-444-55	As above with magnetic base (50mph), h 150 x dia 166mm.	1
	0-444-90	Replacement amber lens for the above.	1
	0-444-91	Replacement blue lens for the above.	1
	0-444-92	Replacement green lens for the above.	1
	0-444-93	Replacement red lens for the above.	1
	0-446-01	Double flash xenon 12/48V beacon with amber lens and single bolt fixing. 75 double pulses per minute, 6 joules. EMC, ECE and CE approved. h 156 x dia 131mm.	1
	0-446-03	As above with three bolt fixing, h 143 x dia 153mm.	1
	0-446-19	As above with flexible DIN spigot fixing, h 214 x dia 134mm.	1
	0-446-55	As above with magnetic base (50mph), h 150 x dia 166mm.	1
	0-445-90	Replacement amber lens for the above.	1
	0-445-91	Replacement blue lens for the above.	1
	0-445-92	Replacement green lens for the above.	1
	0-445-93	Replacement red lens for the above.	1
0-446-02	Replacement Xenon tube for the above.	1	
	0-445-01	Flashing 12/24V beacon with single bolt fixing and amber lens. 70 flashes per minute. Supplied without SCC bulb. EMC, CE and CAP168 ICAO approved, h 143 x dia 153mm.	1
	0-445-55	As above with magnetic base (70mph), h 156 x dia 200mm.	1
	0-445-90	Replacement amber lens for the above.	1
	0-445-91	Replacement blue lens for the above.	1
	0-445-92	Replacement green lens for the above.	1
	0-445-93	Replacement red lens for the above.	1
	0-445-11	Double flash 12/24V LED beacon with amber lens and single bolt fixing. 120 double flashes per minute. EMC, ECE R65 and CE approved. Protected to IP65. h 156 x dia 131mm.	1
	0-445-13	As above with three bolt fixing, h 143 x dia 153mm.	1
	0-445-29	As above with flexible DIN spigot fixing, h 214 x dia 134mm.	1
	0-445-65	As above with magnetic base (50mph), h 150 x dia 166mm.	1
	0-445-90	Replacement amber lens for the above.	1
	0-445-19	DIN spigot vertical or through mounting for spigot mount beacons.	1
	0-445-20	DIN spigot horizontal mounting for spigot mount beacons.	1
	0-445-21	DIN spigot rotatable vertical mounting for spigot mount beacons.	1

LIGHTING

Beacons | Beacon light bars

Product	Part No	Description	Quantity
	0-446-75	Mini xenon beacon, 12 110V dc with polycarbonate amber lenses and 2 bolt fixing, 70 flashes per minute, 1.7 joules. 97 x w 72 x h 132mm. CE approved.	1
	0-446-76	A magnetic based version of above with retractable cable and cigarette lighter plug.	1
	0-446-97	Replacement lenses for the above.	1
	0-446-74	Spare tube for both 0 446 75 and 0 446 76.	1
	0-445-75	Mini LED beacon, 12 110V dc with polycarbonate amber lenses and 2 bolt fixing, 45 quad flashes per minute, 5 high intensity LED's. 98 x w 72 x h 130mm. CE approved.	1
	0-445-76	A magnetic based version of above with retractable cable and cigarette lighter plug.	1
	0-446-97	Replacement lenses for the above.	1
	0-446-74	Spare tube for both 0 446 75 and 0 446 76.	1
	0-446-85	Low profile xenon beacon, 12 110V dc with polycarbonate amber lenses and 3 bolt fixing, 70 flashes per minute, 1.7 joules. 128 x w 128 x h 94mm. CE approved.	1
	0-446-86	A magnetic based version of above with retractable cable and cigarette lighter plug.	1
	0-446-98	Replacement amber lenses for the above.	1
	0-446-92	Replacement green lenses for the above.	1
	0-446-84	Spare tube for both 0 446 85 and 0 446 86.	1
	0-445-85	Low profile LED beacon, 12 110V dc with polycarbonate amber lenses and 3 bolt fixing, 45 quad flashes per minute, 5 high intensity LEDs. 130 x w 130 x h 95mm. CE and ECE approved.	1
	0-445-86	A magnetic based version of above with 6 LEDs and retractable cable and cigarette lighter plug.	1
	New 0-445-87	Green LED beacon, as above.	1
	0-445-97	Replacement amber lenses for the above.	1
	0-446-95	Large xenon beacon, 12 24V dc with polycarbonate amber lenses and 3 bolt fixing. 70 double or quadruple flashes per minute (programmable), 16 joules. 164 x w 164 x h 170mm. CE approved.	1
	0-446-99	Replacement amber lenses for the above.	1
	0-446-94	Spare tube for the above.	1
	New 0-444-29	12V beacon with spigot fixing and polycarbonate amber lenses. Approx. 140rpm. Supplied with H1 bulb. 12V 55W. ECE R65 approved Dimensions: 132 x w 132 x h 235.5mm.	1
	0-443-10	Light bar 12/24V 1.0m, two low profile rotating beacon with mirrored reflector and amber lenses, illuminated centre section white to front and red to rear. 160 ± 30 r.p.m. Supplied without H1 bulbs for rotators and BA15s bulbs for centre section. 1000 x w 210 x h 140mm. ECE R65 and CE approved.	1
	0-443-91	Replacement amber lenses for the above.	1
	0-443-12	Light bar 12/24V 1.2m. 1200 x w 210 x h 140mm.	1
	0-443-92	Replacement amber lenses for the above.	1
	0-443-15	Light bar 12/24V 1.5m. 1500 x w 210 x h 140mm.	1
	0-443-95	Replacement amber lenses for the above.	1

Beacon light bars | LED warning lights






Product	Part No	Description	Quantity
	0-443-00	Light bar 12/24V with two low profile rotating beacons and mirrored reflector with a two bolt fixing and amber lens. 160 ± 30 r.p.m. Supplied without H1 bulbs. 395 x w 208 x h 148mm. ECE R65 and CE approved.	1
	0-443-55	As above with magnetic base (70 mph).	1
	0-443-90	Replacement amber lens for the above.	1
	0-443-20	LED light bar, 12/24V with 32 x 1W amber LEDs, rapid flash pattern. Four bolt fixing with 600mm fixing lead. 415 x w 215 x h 110mm. ECE approved.	1
	0-443-25	As above with magnetic base, supplied with coiled cable and switched cigarette lighter plug.	1
	0-443-70	LED lightbar 12/48V with 16 head LEDs, 65 flashes per minute. Two bolt fixing. ECE and EMC approved. 410 x w 205 x h 122.	1
	0-443-75	Magnetic version of the above, with cable and cigarette/DIN plug.	1
		High intensity LED horizontal warning light with chrome bezel. 12/24V 3 LED unit with 12 programmable flash sequences, can be synchronised with other units, two bolt fixing. 99 x w 41 x h 35mm. CE and ECE approved.	
	0-442-02	Blue LEDs.	1
	0-442-04	Green LEDs.	1
	0-442-05	Red LEDs	1
	0-442-07	White LEDs	1
	0-442-10	Amber LEDs	1
	0-442-93	Back plastic bezel.	1
	0-442-98	Back rubber through panel mount.	1
		High intensity LED vertical warning light with chrome bezel. 12/24V 3 LED unit with 12 programmable flash sequences, can be synchronised with other units, two bolt fixing. 35 x w 41 x h 99mm. CE and ECE approved.	
	0-442-22	Blue LEDs.	1
	0-442-24	Green LEDs.	1
	0-442-25	Red LEDs	1
	0-442-27	White LEDs	1
	0-442-30	Amber LEDs	1
	0-442-93	Back plastic bezel.	1
	0-442-98	Back rubber through panel mount.	1
		High intensity LED horizontal warning light with chrome bezel. 12/24V 4 LED unit with 19 programmable flash sequences, can be synchronized with other units, two bolt fixing. 122 x w 41 x h 35mm. CE and ECE approved.	
	0-442-12	Blue LEDs.	1
	0-442-14	Green LEDs.	1
	0-442-15	Red LEDs	1
	0-442-17	White LEDs	1
	0-442-20	Amber LEDs	1
	0-442-94	Back plastic bezel.	1
	0-442-99	Back rubber through panel mount.	1

LIGHTING

LED warning lights | Rear combination lamps




Product	Part No	Description	Quantity
		High intensity LED vertical warning light with chrome bezel. 12/24V 4 LED unit with 19 programmable flash sequences, can be synchronised with other units, two bolt fixing. 35 x w 41 x h 122mm. CE and ECE approved.	
	0-442-32	Blue LEDs.	1
	0-442-34	Green LEDs.	1
	0-442-35	Red LEDs	1
	0-442-37	White LEDs	1
	0-442-40	Amber LEDs	1
	0-442-94 0-442-99	Back plastic bezel. Back rubber through panel mount.	1 1
 	0-442-11	High intensity, amber LED horizontal warning light with aluminium housing. 12/24V 3 amber LED unit with 12 flash patterns. 89 x w x 25 x h 33. R65 and ECE approved. Protected to IPX8	1
	New 0-442-91	Back plastic bezel for double mount. R65 class 2.	1
 	0-442-21	High intensity, amber LED horizontal warning light with aluminium housing. 12/24V 4 amber LED unit with 19 flash patterns. 110 x w x 25 x h 33. R65 and ECE approved. Protected to IPX8.	1
	New 0-442-92	Back plastic bezel for double mount. R65 class 2.	1
		Ultra high intensity LED horizontal wide angle warning light with chrome bezel. 12/24V LED unit with 12 programmable flash sequences, can be synchronised with other units, two bolt fixing. 152 x w 31 x h 59mm. CE and ECE approved.	
	0-442-52	12/24V blue 6 LED.	1
	0-442-54	12/24V green 6 LED.	1
	0-442-55	12/24V red 6 LED.	1
	0-442-60	12/24V amber 6 LED.	1
	0-442-62	12/24V blue 9 LED.	1
	0-442-64	12/24V green 9 LED.	1
	0-442-65	12/24V red 9 LED.	1
	0-442-70	12/24V amber 9 LED.	1
		Ultra high intensity LED round wide angle warning light. Dual voltage 10 LED unit with 12 programmable flash sequences, can be synchronised with other units, three bolt fixing. 30 x w 133 x h 133mm. CE and ECE approved.	
	0-442-42	12/24V blue.	1
	0-442-44	12/24V green.	1
	0-442-45	12/24V red.	1
	0-442-50	12/24V amber.	1
	0-442-96	Back plastic bezel.	1
	0-442-97	Back PVC through panel mount.	1
	0-069-50	Commercial rear lamp, right hand. 24V LED stop/tail/fog/side marker/direction indicator/reflex reflector/reverse/number plate illumination, pre wired. 515 x w 80 x h 130mm. ECE approved.	1
	0-069-51	Left hand version of the above, without number plate illumination.	1
	0-069-98	Replacement lenses for above.	1
	0-097-74	Current loading basket for 24V LED indicator lamp.	1
	0-085-50	Commercial rear lamp, universal. 24V LED stop/tail/fog/direction indicator/reflex reflector/reverse, pre wired. 341 x w 61 x h 132mm. ECE approved.	1
	0-086-50	As above with number plate lamp.	1
	0-097-74	Current loading basket for 24V LED indicator lamp.	1

Rear combination lamps

Product	Part No	Description	Quantity	
	0-072-00	Commercial rear lamp, right hand. Stop/tail/direction indicator/fog/reflex reflector/side marker/reverse/number plate illumination. Supplied without bulbs. 464 x w 80 x h 130mm. ECE approved.	1	
	0-072-01	Left hand version of the above.	1	
	0-072-02	Lamp right hand as above with Sch emmer connector.	1	
	0-072-03	Left hand version of the above.	1	
	0-072-04	Lamp right hand as above forVo vo.	1	
	0-072-05	Left hand version of the above.	1	
	0-072-06	Lamp right hand as above for Scania.	1	
	0-072-07	Left hand version of the above.	1	
	0-072-08	Lamp right hand as above for DAF.	1	
	0-072-09	Left hand version of the above.	1	
	0-072-99	Replacement lenses for all lamps above.	1	
	0-072-10	Lamp right hand as above for Iveco.	1	
	0-072-11	Left hand version of the above.	1	
	0-072-12	Lamp right hand as above for MAN.	1	
0-072-13	Left hand version of the above.	1		
	0-072-14	Lamp right hand as above for DAF II, MAN II, Renault II, with end connector.	1	
	0-072-15	Left hand version of the above, with end connector.	1	
	0-072-97	Replacement lenses for DAF II, MAN II, Renault II lamps above.	1	
	Sch emmer			
	Vo vo			
	DA			
Iveco				
MAN				
MAN				
	0-069-00	Commercial rear lamp, right hand. Stop/tail/fog/side marker/direction indicator/reflex reflector/reverse/number plate illumination. Supplied without bulbs. 515 x w 80 x h 130mm. ECE approved. Application Scania.	1	
	0-069-01	Left hand version of the above.	1	
	0-069-02	Right hand version of above with connector socket. Application Vo vo.	1	
	0-069-03	Left hand version of the above.	1	
	0-069-99	Replacement lenses for all of the above.	1	
	0-073-00	Commercial rear lamp, right hand. Stop/tail/direction indicator/fog/reflex reflector/side marker/reverse/number plate illumination. Supplied without bulbs. Suitable replacement for Mercedes Sprinter. 464 x w 88 x h 130mm. ECE approved.	1	
	0-073-01	Left hand version of the above without number plate illumination.	1	
	0-073-99	Replacement lenses for all above.	1	
	0-074-00	Commercial rear lamp, right hand. Stop/tail/direction indicator/fog/reflex reflector/side marker/reverse/number plate illumination. Supplied without bulbs. Suitable replacement for Mercedes Actros. 515 x w 90 x h 141mm. ECE approved.	1	
	0-074-01	Left hand version of the above without number plate light.	1	
	0-074-98	Replacement lenses for right hand of all above.	1	
	0-074-99	Replacement lenses for left hand of all above.	1	
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LIGHTING

Rear combination lamps




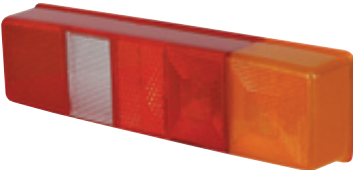


Product	Part No	Description	Quantity
  	0-076-00	Commercial rear lamp, right hand. Stop/tail/direction indicator/fog. Supplied without bulbs. Replaces Iveco 50, 55, 65, 75, 80, 90 Dai y. 300 x w 105 x h 128mm. ECE approved.	1
	0-076-01	Left hand version of above with reverse lamp.	1
	0-077-00	Lamp right hand as above for Iveco Eurocargo.	1
	0-077-01	Left hand version of above with reverse lamp.	1
	0-076-98	Replacement lenses for right hand lamps with fog lamp.	1
	0-076-99	Replacement lenses for left hand lamps with reverse lamp.	1
 	0-077-02	Commercial rear lamp, right hand. Stop/tail/direction indicator/fog/reflex reflector/reverse. Supplied without bulbs. Replaces Iveco Dai y, 6 pin plug. 303 x w 85 x h 130. ECE approved.	1
	0-077-03	Left hand version of above lamp.	1
	0-077-98	Replacement lenses for right hand lamp.	1
	0-077-99	Replacement lenses for left hand lamp.	1
 	0-071-00	Commercial rear lamp, universal. Stop/tail/direction indicator/fog/reverse/number plate illumination, pre wired. Supplied without bulbs. 350 x w 83 x h 130mm. ECE approved.	1
	0-071-01	As above but with connector.	1
	0-071-02	As above with reflex reflector and connector.	1
	0-071-98	Replacement lenses with reflex reflector.	1
	0-071-99	Replacement lenses without reflex reflector.	1
	0-085-00	Commercial rear lamp, right hand. Stop/tail/fog/direction indicator/reflex reflector/reverse/number plate illumination. Supplied without bulbs. Suitable replacement for MAN. 345 x w 75 x h 133mm. ECE approved.	1
	0-086-00	Left hand version of the above. Suitable for MAN.	1
	0-085-99	Replacement lenses for above.	1
	0-079-00	Commercial rear lamp, right hand. Stop/tail/fog/side marker/direction indicator/reflex reflector/reverse/number plate illumination. Supplied without bulbs. 418 x w 90 x h 148mm. ECE approved.	1
	0-079-98	Replacement lenses for above.	1
	0-079-01	Left hand version of the above.	1
	0-079-99	Replacement lenses for above.	1
	0-080-00	Commercial trailer rear lamp, right hand. Stop/tail/fog/side marker/direction indicator/triangle reflex reflector/reverse/number plate illumination. 418 x w 90 x h 148mm. ECE approved.	1
	0-080-98	Replacement lenses for above.	1
	0-080-01	Left hand version of the above.	1
	0-080-99	Replacement lenses for above.	1

Rear combination lamps

Product	Part No	Description	Quantity
	0-300-75	Rear lamp, 12/24V LED, stop/tail/direction indicator/ reflex reflector. I 291 x w 31 x h 105mm. ECE approved.	1
	0-097-62	Current loading ballast for 12V LED indicator lamp.	1
	0-097-74	Current loading ballast for 24V LED indicator lamp.	1
	0-300-50	Rear lamp, 12/24V LED, stop/ tail/ direction indicator/ reflex reflector. I 170 x w 33 x h 92mm. ECE approved.	1
	0-097-62	Current loading ballast for 12V LED indicator lamp.	1
	0-097-74	Current loading ballast for 24V LED indicator lamp.	1
	0-078-00	Commercial trailer rear lamp, right hand. Stop/tail/fog/ side marker/direction indicator/reflex reflector/reverse. I 421 x w 76 x h 147mm. ECE approved.	1
	0-078-01	Left hand version of the above.	1
	0-078-99	Replacement lens for above.	1
	0-078-19	Cable connector socket for above.	1
	0-081-98	Commercial trailer lamp lens, right hand. Stop/tail/ direction indicator/fog/reverse/reflex reflector. I 400 x w 75 x h 158mm. ECE approved.	1
	0-081-99	Left hand version of the above.	1
	0-090-00	Commercial rear lamp, universal. Stop/tail/direction indicator/number plate illumination. Supplied without bulbs. Suitable replacement for DAF, Renault, Saab, Scania,Vignal. I 350 x w 87.5 x h 110mm. ECE approved.	1
	0-090-99	Replacement lens for above.	1
	0-091-00	Commercial rear lamp, right hand. Stop/tail/direction indicator/number plate illumination. Supplied without bulbs. Replaces Mercedes DB-A. 001.544.69.02, Fiat, Iveco, Magirus Deutz. I 344 x w 72 x h 147mm. ECE approved.	1
	0-092-00	Left hand version of the above without number plate illumination. Replaces Mercedes DBA.001.540.62.70, Fiat, Iveco, Magirus Deutz.	1
	0-091-99	Replacement lens for above.	1
	0-098-00	Commercial rear lamp, universal. Stop/tail/fog/reflex reflector/direction indicator/number plate illumination/ reverse. Supplied without bulbs. I 406 x w 74 x h 135mm. ECE approved.	1
	0-098-99	Replacement lens for above.	1

LIGHTING

Rear combination lamps

Product	Part No	Description	Quantity
	0-095-00	Commercial rear lamp, right hand. Stop/tail/direction indicator/number plate illumination. Supplied without bulbs. Suitable replacement for Volvo, MAN, Scania, Magirus Deutz. 335 x w 83 x h 96mm. ECE approved.	1
	0-096-00	Left hand version of the above without number plate illumination.	1
	0-095-99	Replacement lenses for above.	1
	0-097-00	Commercial rear lamp, universal fitting. Stop/tail/direction indicator/number plate illumination. Supplied without bulbs. 140 x w 80 x h 140mm. ECE approved.	1
	0-097-50	As above but without number plate illumination.	1
	0-097-99	Replacement lenses for both above.	1
	0-097-60	Commercial rear lamp, 12/24V LED, universal fitting. Stop/tail/direction indicator. 140 x w 82 x h 140mm. ECE approved.	1
	0-097-98	Mounting bezel for surface mounting of the above.	1
	0-097-70	Commercial rear lamp, 24V LED, universal fitting. Stop/tail/direction indicator. 140 x w 80 x h 140mm. ECE approved.	1
	0-097-62	Current loading basket for 12V LED indicators.	1
	0-097-74	Current loading basket for 24V LED indicators.	1
	0-639-50	Commercial rear lamp lenses, universal. Stop/single tail/direction indicator/fog/reflex reflector. Replaces Ford and Leyland. 365 x w 58 x h 95mm. ECE approved.	1
	0-639-51	As above but for twin tail light bulbs.	1
	0-639-52	As above left hand for twin tail light bulbs with number plate illumination.	1
	0-639-53	As above right hand for twin tail light bulbs with number plate illumination.	1
	0-310-00	Rear lamp, stop/tail/direction indicator. Supplied without bulbs. 180 x w 51.5 x h 60mm. ECE approved.	1
	0-310-99	Replacement lenses for above.	1
	0-294-00	Rear lamp, stop/tail/direction indicator/number plate illumination. Supplied without bulbs. 124 x w 54 x h 124mm. ECE and EEC approved.	1
	0-294-99	Replacement lenses for above.	1

Rear combination lamps






Product	Part No	Description	Quantity
	0-294-50	Rear lamp, stop/tail/direction indicator/number plate illumination. Supplied without bulbs. 110 x w 55 x h 104mm. ECE and EEC approved.	1
	0-294-75	Rear lamp, 12/24V LED, stop/tail/direction indicator. 95 x w 32 x h 95mm. ECE and EEC approved.	1
	0-097-62	Current loading basket for 12V LED indicators.	1
	0-097-74	Current loading basket for 24V LED indicators.	1
	0-767-60	Rear lamp, 12/24V LED, stop/tail/indicator, supplied with 500mm flying leads. 95mm dia, 2 x M8 fixing bolts. Acrylic lens and polycarbonate housing. ECE approved. Protected to IP67.	1
	0-767-70	Tail/fog/reverse version of above.	1
	0-767-97	Mounting bezel for the above, 30mm deep	1
	0-294-70	Triangular rear lamp, 12V LED with bulb type Fog lamp, right hand. stop/tail/fog/direction indicator/reflex reflector. 157 x w 54 x h 217mm. ECE approved.	1
	0-294-71	Left hand version of the above.	1
	0-097-62	Current loading basket for 12V LED indicators.	1
	0-300-00	Rear lamp, stop/tail/direction indicator/number plate illumination. Supplied with 12V bulbs. 167 x w 50 x h 82.5mm. EEC approved.	1
	0-300-97	Replacement lens for above.	1
 	0-295-00	Waterproof rear lamp, stop/tail/direction indicator/reflex reflector. Protected to IP67. Supplied with 12V bulbs and waterproof cable gland. 200 x w 60 x h 92mm. ECE approved.	1
	0-295-50	Lamp as above with 4 way male connector (JCB).	1
	0-295-19	4 way female wiring connector with terminals.	1
	0-295-99	Replacement lens for above.	1

LIGHTING

Stop and tail lamps





Product	Part No	Description	Quantity
	0-767-18	Stop and tail lamp with 'Econosea' plug. Supplied with 12V 21/5W SBC bulb and sea ing gasket. 95mm dia, requires connector 0 012 53. ECE approved.	1
	0-767-68	12V LED version of the above.	1
	0-767-78	24V LED version of the above.	1
	0-767-19	Stop lamp only with 'Econosea' plug. Supplied with 12V 21W SCC bulb and sea ing gasket, requires connector 0 012 52. ECE approved.	1
	0-767-20	Tail lamp only with plug, as above	1
	0-767-99	Optional mounting bezel for a of above, 24mm deep.	1
	0-767-28	Stop and tail lamp with optically treated reflector, plug and sea ing gasket, 95mm dia, requires 0 012 93. Supplied without bulb. Protected to IP67. ECE approved.	1
	0-767-99	Optional mounting bezel for above, 24mm deep.	1
	0-161-00	Stop and tail lamp. Supplied with 12V 21/5W SBC bulb. Replaces early "Mini" range of lamps, 72mm dia.	1
	0-570-05	Stop lamp, rubber based, surface mount. Supplied with 12V 21W festoon bulb, 72mm dia.	1
	0-161-99	Replacement lenses for above.	1
	0-516-05	Stop and tail lamp. Push fit into 118mm panel hole. Supplied without SBC bulb. 132mm dia. x w 65mm. ECE approved.	1
	0-097-89	Commercial 12/24V LED stop and tail lamp with stud fixing. Back plastic body. 140 x w 82 x h 140mm. ECE approved.	1
	0-097-98	Mounting bezel for surface mounting of the above, 20mm deep.	1

Direction indicator lamps

Product	Part No	Description	Quantity
	0-768-06	Front direction indicator amp with 'Econosea' plug. Supplied with 12V 21W SCC bulb and sealing gasket, 95mm dia, requires connector 0 012 52. ECE approved.	1
	0-768-56	12V LED version of above.	1
	0-768-66	24V LED version of above.	1
	0-768-18	Rear direction indicator amp with 'Econosea' plug. Supplied with 12V 21W SCC bulb and sealing gasket, 95mm dia, requires connector 0 012 52. ECE approved.	1
	0-768-68	12V LED version of above.	1
	0-768-78	24V LED version of above.	1
	0-767-99	Optional mounting bezel for any of above, 24mm deep	1
	0-097-62	Current loading basket for LED 12V indicator amps.	1
	0-097-74	Current loading basket for LED 24V indicator amps.	1
			
	0-768-28	Rear direction indicator amp with optically coated reflector, plug and sealing gasket. 95mm dia, requires connector 0 012 92. Supplied without bulb. Protected to IP67. ECE approved.	1
	0-767-99	Optional mounting bezel for above, 24mm deep.	1
	0-160-00	Direction indicator amp with cables. Supplied with 12V 21W SCC bulb, 72mm dia. Replaces "Mini" range of amps.	1
	0-570-00	Direction indicator amp, rubber based, surface mount. Supplied with 12V 21W festoon bulb, 72mm dia.	1
	0-160-99	Replacement lenses for above.	1
	0-516-10	Direction indicator amp. Push fit into 118mm panel hole. Supplied without SCC bulb. 132mm dia. x 65mm. ECE approved.	1

LIGHTING

Rear fog lamps

Product	Part No	Description	Quantity
	0-064-02	Rear fog lamp with adjustable fixing bolt. Supplied without SCC bulb. 146 x w 79 x h 70mm. ECE and EEC approved.	1
	0-063-02	Rear fog lamp, surface mount, with adjustable pad to vary angle. Supplied without SCC bulb. 106 x w 57 x h 98mm. ECE and EEC approved.	1
	0-063-99	Replacement lenses for the above.	1
	0-300-06	Rear fog lamp, surface mount. Supplied without SCC bulb. 120 x w 56 x h 80mm. Replaces Land Rover PRC7254. ECE approved.	1
	0-767-06	Rear fog lamp with 'Econosea' plug. Supplied with 12V 21W SCC bulb and sea ing gasket. 95mm dia, requires connector 0 012 52. ECE approved.	1
	0-767-56	12V LED version of the above.	1
	0-767-66	24V LED version of the above.	1
	0-767-99	Optional mounting bezel for a of above, 24mm deep.	1
	0-767-16	Rear fog lamp with optically tapered reflector, plug and sea ing gasket, 95mm dia, requires connector 0 012 92. Supplied without bulb. Protected to IP67. ECE approved.	1
	0-767-99	Optional mounting bezel for above, 24mm deep.	1
	0-097-08	Commercial rear fog lamp with stud fixing. Back plastic body. Supplied without SCC bulb. 141 x w 88 x h 141mm. ECE approved.	1
	0-097-78	Commercial 12/24V LED rear fog lamp with stud fixing. Back plastic body. 141 x w 88 x h 141mm. ECE approved	1
	0-097-98	Mounting bezel for surface mounting of the above LED version, 20mm deep.	1


LIGHTING

Reversing lamps

Product	Part No	Description	Quantity
	0-067-02	Reversing lamp with adjustable fixing bracket. Supplied without SCC bulb. 146 x w 79 x h 70mm.	1
	0-066-02	Reversing lamp. Surface mount with adjustable pad to vary angle when fitted. Supplied without SCC bulb. 106 x w 57 x h 98mm.	1
	0-066-99	Replacement lenses for the above.	1
	0-570-10	Reversing lamp, rubber based, surface mount. Supplied with 12V 21W festoon bulb, 72mm dia.	1
	0-300-18	Reversing lamp, surface mount. Supplied without SCC bulb. 120 x w 56 x h 80mm. Replaces Land Rover PRC7263. ECE approved.	1
	0-769-18	Reversing lamp with 'Econoseal' plug. Supplied with 12V 21W SCC bulb and gasket, 95mm dia, requires connector 0 012 52. ECE approved.	1
	0-769-68	12V LED version of the above.	1
	0-769-78	24V LED version of the above.	1
	0-767-99	Optional mounting bezel for a pair of above, 24mm deep.	1
	0-769-28	Reversing lamp with optically coated reflector, plug and sealing gasket. 95mm dia, requires connector 0 012 92. Supplied without bulb. Protected to IP67. ECE approved.	1
	0-767-99	Optional mounting bezel for above, 24mm deep.	1
	0-516-00	Reversing lamp. Push fit into 118mm panel hole. Supplied without SCC bulb. ECE approved. 132mm dia. x w 65mm.	1
	0-097-18	Commercial reverse lamp with stud fixing. Back plastic body. Supplied without SCC bulb. 141 x w 88 x h 141mm.	1
	0-097-68	Commercial 12/24V LED reverse lamp with stud fixing. Back plastic body. 140 x w 82 x h 140mm. ECE approved	1
	0-097-98	Mounting bezel for surface mounting of the above LED version, 20mm deep.	1

LIGHTING

High level stop lamps | Front marker lamps | Side lamps

Product	Part No	Description	Quantity
	0-099-02	Universal high level 12V LED adhesive stop light, for high rake rear screens. Supplied with cable. 210 x w 80 x h 47mm. ECE approved.	1
	0-099-50	Universal high level 12V LED stop lamp, for rear parcel shelf or spoiler. 320 x w 36 x h 20mm. ECE approved.	1
	0-311-00	Front side lamp and direction indicator. Supplied without bulbs. 180 x w 51.5 x h 60mm. ECE approved.	1
	0-311-99	Replacement lenses for the above.	1
	0-762-00	Front side lamp with cable. Supplied with 12V 5W SCC bulb, 73.5mm dia. Replaces Land Rover L760/575118. ECE approved.	1
	0-762-50	Front side lamp with 'Econosea' plug. Supplied with 12V 5W SCC bulb, 73.5mm dia, requires 'Econosea' female connector 0 012 52. Replaces Land Rover AMR 6514. ECE approved.	1
	0-762-99	Replacement lenses for the above.	1
	0-769-06	Front side lamp with 'Econosea' plug. Supplied with 12V 5W SCC bulb and gasket, 95mm dia. x 91mm, requires 'Econosea' female connector 0 012 52. ECE approved.	1
	0-767-99	Optional mounting bezel for above.	1
	0-162-00	Front side lamp with cable. Supplied with 12V 5W SCC bulb, 72mm dia. Replaces early "Mini" range of lamps. ECE approved.	1
	0-162-99	Replacement lenses for the above.	1
	0-536-00	Front marker lamp, rubber based, surface mount. Supplied with 12V 5W festoon bulb, 72mm dia.	1
	0-162-99	Replacement lenses for the above.	1
	0-301-00	Front marker lamp, surface mount. Supplied with 12V 5W festoon bulb. 81 x w 36 x h 61mm. ECE approved	1
	0-301-99	Replacement lenses for the above.	1

Bulb and LED number plate lamps

Product	Part No	Description	Quantity
	0-453-01	Black plastic number plate lamp. Supplied with 2 x 12V 4W MCC bulbs. EEC, ECE and SAE approved.	1
	0-453-02	Black powder coated brass number plate lamp. Supplied with 2 x 12V 4W MCC bulbs. EEC, ECE and SAE approved.	1
 	0-453-03	Chrome plated brass number plate lamp. Supplied with 2 x 12V 4W MCC bulbs. EEC, ECE and SAE approved.	1
	0-453-04	Black plastic number plate lamp. 12/24V LED. Supplied with 500mm flying leads. 105 x w 38 x h 48mm, ECE approved. Protected to IP67.	1
 	0-453-75	Black plastic number plate lamp. 12/24V LED. ECE and SAE approved.	1
	0-453-51	Black plastic number plate lamp. Supplied without festoon bulb. EEC and ECE approved.	1
 	0-453-50	Low profile version of above number plate lamp. 40mm depth.	1
	0-453-52	Compact black plastic lamp. Supplied without festoon bulb. 45 x w 38 x h 36, fixing centres 68mm. EEC, ECE and SAE approved.	1
	0-453-60	Semi recessed number plate lamp. Supplied without festoon bulb. 105 x w 39 x h 39mm, fixing centres 96mm. ECE approved.	1

LIGHTING

LED marker lamps

Product	Part No	Description	Quantity
	0-170-30	Amber LED side marker lamp, 12/24V, with leads. 55 x w 27 x h 35mm. ECE approved.	1
	0-170-20	Clear LED front marker version of above.	1
	0-170-25	Red LED rear marker version of above.	1
	0-170-10	Amber LED side marker lamp, with 'Supersea' plug, 12/24V, requires connector 0 011 62. 71 x w 25 x h 42mm. ECE approved.	1
	0-170-00	White LED front marker version of above.	1
	0-170-05	Red LED rear marker version of above.	1
	0-170-04	Green LED ABS marker version of above.	1
	0-170-70	Amber LED side marker lamp, 12/24V, with leads. 111 x w 22 x h 50mm. ECE approved.	1
	0-170-60	Clear LED front marker version of above.	1
	0-170-65	Red LED rear marker version of above.	1
	0-170-99	Horizontal mounting bracket for all the above lamps.	1
	0-170-55	Red LED rear marker lamp, 24V with leads, pushes into 21mm hole. 46 x w 26 x h 46mm. ECE approved.	1
	0-170-50	Clear front LED marker version of above.	1

LIGHTING

LED marker lamps

Product	Part No	Description	Quantity
	0-168-60	24V LED amber side marker lamp, with reflex reflector and 'Superseal' plug, requires connector 0 011 62. 100 x w 21 x h 50mm. EEC and ECE approved.	1
	0-168-50	24V LED clear front marker version of above.	1
	0-168-55	24V LED red rear marker version of above.	1
	0-169-98	Horizontal mounting bracket for above.	1
	0-169-99	Vertical mounting bracket for above.	1
	0-167-60	24V LED amber side marker lamp, with reflex reflector and leads. 120 x w 21 x h 63mm. EEC and ECE approved.	1
	0-167-10	12V LED amber side marker version of above.	1
	0-167-50	24V LED clear front marker version of above.	1
	0-167-00	12V LED clear front marker version of above.	1
	0-167-55	24V LED red rear marker version of above.	1
	0-167-05	12V LED red rear marker version of above.	1
	0-167-54	24V LED green ABS marker version of above.	1
	0-169-60	24V LED amber side marker lamp, with reflex reflector and screw cable connections. 108 x w 33 x h 58mm. EEC and ECE approved.	1
	0-169-50	24V LED clear front marker version of above.	1
	0-169-55	24V LED red rear marker version of above.	1
	0-169-98	Horizontal mounting bracket for above.	1
	0-169-99	Vertical mounting bracket for above.	1
	0-171-10	12/24V LED amber marker lamp, with reflex reflector and 'Superseal' plug, requires connector 0-011-62. Protected to IP67. 121 x w 17 x h 44mm. ECE approved.	1
	0-171-60	As above with leads.	1
	0-171-11	Amber side marker, with bracket and 'Superseal' plug, requires connector 0 011 62.	1
	0-171-61	As above with leads.	1
	0-171-00	Clear front marker with plug, requires connector 0 011 62.	1
	0-171-50	As above with leads.	1
	0-171-05	Red rear marker with plug, requires connector 0 011 62.	1
	0-171-55	As above with leads	1









LIGHTING

Bulb marker lamps | LED outline marker lamps | Warning triangles

Product	Part No	Description	Quantity
	0-163-00	Red and clear side marker lamp. Supplied without festoon bulb. 43 x w 39 x h 58.5mm. ECE approved.	1
	0-164-00	Amber side marker version of above.	1
	0-163-50	Red and clear side marker lamp on flexible pendant. Supplied without festoon bulb. 43 x w 39 x h 105mm. ECE approved.	1
	0-164-50	Amber side marker version of above.	1
	0-172-00	Red and white LED outline marker lamp, 24V, universal. 83 x w 68 x h 100mm. EEC and ECE approved.	1
	0-172-02	Red and white outline marker lamp, universal. Supplied without SCC bulb. 83 x w 68 x h 100mm. EEC and ECE approved.	1
	0-172-50	Red and white LED outline marker lamp, right hand, 24V. 191 x w 68 x h 130mm. EEC and ECE approved.	1
	0-172-51	Left hand version of above.	1
	0-172-52	Red and white outline marker lamp, universal. Supplied without SCC bulb. 191 x w 68 x h 130mm. EEC and ECE approved.	1
	0-172-60	Red and white LED outline marker lamp, right hand, 24V. 191 x w 68 x h 170mm. EEC and ECE approved.	1
	0-172-61	Left hand version of above.	1
	0-172-62	Red and white bulb type outline marker lamp, universal. Supplied without SCC bulb. 191 x w 68 x h 170mm. EEC and ECE approved.	1
	0-145-01	Breakdown warning triangle. Red plastic reflex reflector, with inner reflective triangle. ECE approved.	1







LIGHTING

Reflectors

Product	Part No	Description	Quantity
	0-229-00	Moulded acrylic, red reflex reflector, two hole fixing. 138 x w 158 x h 8mm. ECE and EEC approved.	4
	0-505-55	Moulded acrylic, red reflex reflector, self adhesive white plastic base. 104 x w 51 x h 7mm. ECE and EEC approved.	10
	5-505-55	Single unit, as above.	1
	0-505-60	Amber version of the above.	10
	5-505-60	Single unit, as above.	1
	0-505-50	Clear version of the above.	10
	5-505-50	Single unit, as above.	1
	0-505-05	Moulded acrylic, red reflex reflector, two hole fixing on a black polypropylene base. 127 x w 48 x h 7.5mm. ECE and EEC approved.	10
	5-505-05	Single unit, as above.	1
	0-505-10	Amber version of the above.	10
	5-505-10	Single unit, as above.	1
	0-505-00	Clear version of the above.	10
	5-505-00	Single unit, as above.	1
	0-514-10	Moulded acrylic, amber reflex reflector, two hole fixing on a white polypropylene base. 86 x w 70 x h 9mm. ECE approved.	10
	5-514-10	Single unit, as above.	1
	0-665-05	Moulded red reflex reflector three hole fixing on a black plastic base. 105mm dia. ECE approved.	10
	5-665-05	Single unit, as above.	1
	0-665-10	Amber version of the above.	10
	5-665-10	Single unit, as above.	1
	0-665-55	Moulded red reflex reflector, self adhesive back, 80mm dia. ECE approved.	10
	5-665-55	Single unit, as above.	1
	0-665-60	Amber version of the above.	10
	5-665-60	Single unit, as above.	1
	0-665-50	Clear version of the above.	1
	5-665-50	Single unit, as above.	1
	0-665-75	Moulded red reflex reflector, self adhesive back, 55mm dia. ECE approved.	10
	5-665-75	Single unit, as above.	1
	0-665-80	Amber version of the above.	10
	5-665-80	Single unit, as above.	1
	0-665-70	Clear version of the above.	10
	5-665-70	Single unit, as above.	1
	0-507-10	Moulded acrylic, amber reflex reflector, two hole fixing on a black polypropylene base. 91 x w 40 x h 5mm. ECE approved.	10
	5-507-10	Single unit, as above.	1

LIGHTING

Work lamps

Product	Part No	Description	Quantity
	0-539-00	Work lamp with white painted metal body and glass lens, mounted on steel bracket, with integral rotary switch. Supplied without H3 bulb. 147mm dia. 180 x w 120 x h 225mm.	1
	0-539-99	Replacement light unit for the above.	1
	0-538-62	Work lamp with white plastic body and glass lens, mounted on a steel base, with integral rotary switch. Supplied without H3 bulb. 147mm dia. 180 x w 77 x h 212mm.	1
	0-538-99	Replacement light unit for the above.	1
	0-538-12	Work lamp with black plastic body and glass lens, mounted on a steel base, with integral rotary switch. Supplied without H3 bulb. 147mm dia. 180 x w 77 x h 212mm.	1
	0-538-99	Replacement light unit for the above.	1
	0-538-55	Work lamp with black plastic body and glass lens, mounted on a magnetic base, with integral rotary switch. 3 metre working length retractable cable with a cigarette lighter/DIN plug. Supplied without H3 bulb. 147mm dia. 200 x w 77 x h 212mm.	1
	0-538-99	Replacement light unit for the above.	1
	0-538-56	Work lamp with black plastic body and glass lens, mounted on a magnetic base. Integral rocker switch with PVC cover. 3 metre working length retractable cable with a cigarette lighter/DIN plug. Supplied without H3 bulb. 147mm dia. 162 x w 145 x h 245mm.	1
	0-420-05	Square work lamp, fitted with 12V 55W H3 bulb. Comes with powder coated mounting bracket. 1100 lumens. Protected to IP65. Suitable for use with 24V 70W bulb.	1
	New		

LIGHTING

Work lamps

Product	Part No	Description	Quantity
	0-538-00	Work amp with back plastic body and glass lens, mounted on a metal base. Integral rocker switch with PVC cover. Supplied without H3 bulb. 147mm dia. 162 x w 120 x h 255mm.	1
	0-538-01	Work amp with back plastic body and polycarbonate lens, mounted on a metal base. Integral toggle switch with rubber cover. Supplied without H3 bulb. 130mm dia. 55W max. 147 x w 110 x h 215mm.	1
	0-420-40	Rectangular work amp with back plastic body and glass lens. Supplied without H3 bulb. Single bolt fixing. 139 x w 95 x h 139mm.	1
	0-425-00	Work amp with back rubber body, glass lens and single fixing bracket. Supplied without H3 bulb. 132mm dia. 164 x w 101 x h 171mm.	1
	0-425-01	Compact work amp with back rubber body, glass lens and single fixing bracket. Supplied without H3 bulb. 110mm dia. 130 x w 78 x h 154mm.	1
	0-539-20	Work amp with back painted metal body and single fixing bracket. Supplied without H3 bulb. 140mm dia. 162 x w 99 x h 168mm.	1




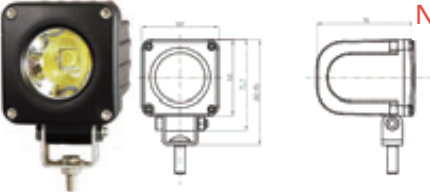




LIGHTING

Work lamps

Product	Part No	Description	Quantity
	0-423-00	Rectangular work lamp incorporating a sea led glass lens and double reflector to accommodate two H3 bulbs which are not included. Four hole fixing bracket. 156 x w 127 x h 160mm.	1
	0-538-82	Rectangular work lamp with plastic body and grille with glass lens. Four hole fixing bracket. Supplied without H3 bulb. 158 x w 73 x h 166mm.	1
	0-420-00	A compact back plastic work lamp with glass lens and integral plug connector on a steel base. Single hole fixing. Supplied without H3 bulb. 112 x w 97 x h 115mm.	1
	0-420-99	Wiring loom 2 metres long with two pole plug.	1
	0-420-10	Small rectangular work lamp with plastic body and glass lens. Supplied without H3 bulb. Single hole fixing. 137 x w 65 x h 75mm.	1
	0-420-20	Rectangular work lamp with plastic body and glass lens. Supplied without H3 bulb. Single hole fixing. 155 x w 86 x h 94mm.	1
	0-420-01	Work lamp with white water proof plastic body. Stainless steel mounting. With rubber anti vibration bush on base and integral two pin plug connector. Supplied without H3 bulb. 112 x w 97 x h 115mm.	1
	0-420-99	Wiring loom 2 metres long with two pole plug.	1
	0-423-50	Work lamp with white water proof plastic body. Stainless steel mounting. Supplied without H3 bulb. 154 x w 95 x h 93mm.	1



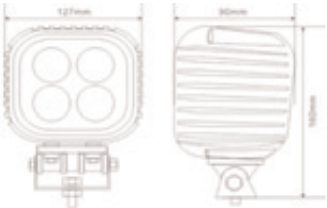





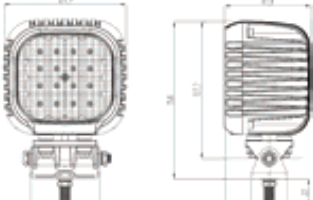
LIGHTING

LED work lamps

Product	Part No	Description	Quantity
	0-420-50	A powerfu , compact sing e 10W 12/24V LED work amp. Low current draw, 0.7A at 12V dc. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and f ying ead, sea ed connector socket/p ug. The amp can be inked with additiona units. Protected to IP67. 51 x w 61 x h 82mm.	1
	0-420-52	A powerfu , compact sing e 10W 12/24V LED work amp. Low current draw, 0.7A at 12V dc. White powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and f ying ead, sea ed connector socket/p ug. The amp can be inked with additiona units. Protected to IP67. 51 x w 61 x h 82mm.	1
	0-420-56	A powerfu , compact sing e 10W 10 60V CREE LED work amp. Low current draw, 0.7A at 12V dc. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and f ying ead. Protected to IP67. 57 x w 65 x h 85mm.	1
	New 0-420-54	A powerfu 25W 9 36V CREE LED work amp. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee bracket. 1700 umens. Protected to IP68. 76 x w 60 x h 83mm.	1
	New 0-420-58	A powerfu 25W 9 36V CREE LED work amp. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee bracket. 1700 umens. Protected to IP68. 103 x w 105 x h 98mm.	1
	New 0-420-60	A powerful 2 x 5W 10-60V LED work lamp. Black powder coated die cast aluminium case with a polycarbonate lens. 800 lumens. Protected to IP67. 198 x w 80 x h 70mm.	1
	New 0-420-61	A powerfu 2 x 10W 10 60V LED work amp. B ack powder coated die cast a uminium case with a po ycarbonate ens. 1500 umens. Protected to IP67. 98 x w 80 x h 70mm.	1
	0-420-69	A powerfu 4 x 3W 12/24V LED work amp. Low current draw, 1A at 12V dc. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and 450mm f ying ead. Protected to IP67. 83 x w 78 x h 116mm.	1

LIGHTING

LED work lamps

Product	Part No	Description	Quantity
	0-420-68	A powerfu 4 x 3W 12/24V LED work amp. Low current draw, 1A at 12V dc. Back powder coated die cast auminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket, magnetic base and 2.5 metre working ength retractab e cab e with a cigarette ighter p ug. Protected to IP67. 82 x w 71 x h 114mm.	1
 	New 0-420-73	A powerfu 4 x 10W 10 30V CREE LED work amp. B ack powder coated die cast auminium case, po ycarbonate ens, supp ied with stain ess stee bracket. 3500 umens. Protected to IP67. 90 x w 127 x h 160mm.	1
	0-420-64	A powerfu 5 x 3W 12/24V LED work amp. Low current draw, 1.25A at 12V dc. Back powder coated die cast auminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and 450mm f ying ead. Protected to IP67. 110 x w 53 x h 142mm.	1
	0-420-65	A powerfu 6 x 3W 12/24V LED work amp. Low current draw, 1.5A at 12V dc. Back powder coated die cast auminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and 450mm f ying ead. Protected to IP67. 115 x w 52 x h 140mm.	1
	0-420-66	A powerfu 9 x 3W 12/24V LED work amp. Low current draw, 1.75A at 12V dc. Back powder coated die cast auminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and 2.5m f ying ead. Protected to IP67. 110 x w 56 x h 135mm.	1
	0-420-67	A powerfu 9 x 3W 12/24V LED work amp. Low current draw.1.75A at 12V dc. Back powder coated die cast auminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and 2.5m f ying ead. Protected to IP67. 116 x w 59 x h 135 mm.	1
 	New 0-420-76	A powerfu 16 x 3W 10 30V CREE LED work amp. B ack powder coated die cast auminium case, po ycarbonate ens, supp ied with stain ess stee bracket. 3800 umens. Protected to IP67. 88 x w 125 x h 180mm.	1


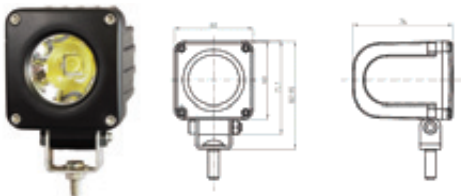

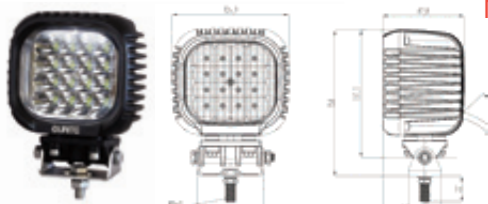
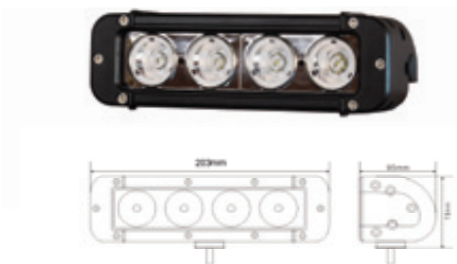


LIGHTING

LED work lamps | LED spot lamps

Product	Part No	Description	Quantity
	0-420-71	A powerfu 6 x 3W 12/24V LED work amp. Low current draw, 1.4A at 12V dc. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and 450mm f ying ead. Protected to IP67. 110 x w 56 x h 85mm.	1
	0-420-97	Extended bracket for vertica mount.	1
	0-420-72	A powerfu 6 x 3W 12/24V LED work amp. Low current draw, 1.4A at 12V dc. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket, magnetic base and 2.5 metre working engh retractab e cab e with a cigarette ighter p ug. Protected to IP67. 112 x w 55 x h 105mm.	1
	0-420-80	A powerfu 10 x 3W 12/24V LED work amp. Low current draw, 2.5A at 12V dc. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and 350mm f ying ead. Protected to IP67. 220 x w 74 x h 77mm.	1
	0-420-63	A powerfu , compact 5 x 3W 12/24V LED work amp. Low current draw, 1.2A at 12V dc. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and 350mm f ying ead. Protected to IP67. 145 x w 78 x h 50mm.	1
 	New 0-420-92	A powerfu 4 x 10W, 10 60V CREE LED work amp. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee bracket. 2700 umens. Protected to IP67. 95 x w 203 x h 73mm.	1
	0-420-90	A very powerfu 6 x 10W 12/24V CREE LED food ight bar. B ack die cast a uminium housing with po ycarbonate ens, 2 bo t ti t fixing bracket and f ying ead with sea ed connector socket/p ug. Protected to IP67. 235 x w 95 x h 73mm	1
	0-420-51	A powerfu , compact sing e 10W 12/24V LED spot amp. Low current draw, 0.7A at 12V dc. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and f ying ead, sea ed connector socket/p ug. The amp can be inked with additiona units. Protected to IP67. 51 x w 61 x h 82mm.	1
	0-420-53	A powerfu , compact sing e 10W 12/24V LED spot amp. Low current draw, 0.7A at 12V dc. White powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and f ying ead, sea ed connector socket/p ug. The amp can be inked with additiona units. Protected to IP67. 51 x w 61 x h 82mm.	1

LIGHTING

LED spot lamps | Halogen spot lamps

Product	Part No	Description	Quantity
	0-420-57	A powerfu , compact sing e 10W 10 60V CREE LED spot amp. Low current draw, 0.7A at 12V dc. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee adjustab e bracket and f ying ead. Protected to IP67. 57 x w 65 x h 85mm.	1
	New 0-420-55	A powerfu 25W 9 36V CREE LED spot amp. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee bracket. 1700 umens. Protected to IP68. 76 x w 60 x h 83mm.	1
	New 0-420-59	A powerfu 25W 9 36V CREE LED spot amp. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee bracket. 1700 umens. Protected to IP68. 103 x w 105 x h 98mm.	1
	New 0-420-77	A powerfu 16 x 3W 10 30V CREE LED spot amp. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee bracket. 3800 umens. Protected to IP67. 88 x w 125 x h 180mm.	1
	New 0-420-93	A powerfu 4 x 10W, 10 60V CREE LED spot amp. B ack powder coated die cast a uminium case, po ycarbonate ens, supp ied with stain ess stee bracket. 2700 umens. Protected to IP67. 95 x w 203 x h 73mm.	1
	0-420-91	A very powerfu 6 x 10W 12/24V CREE LED spot ight bar. B ack die cast a uminium housing with po ycarbonate ens, 2 bo t ti t fixing bracket and f ying ead with sea ed connector socket/p ug. Protected to IP67. 235 x w 95 x h 73mm	1
	0- 537-62	Spot amp with white pastic body and g ass ens, mounted on a stee base, with integra rotary switch. Supp ied without H3 bu b, 147mm dia. 180 x w 77 x h 212mm.	1
	0-537-99	Rep acement ight unit for the above.	1

Halogen spot lamps | HID search lamps | Headlamps

Product	Part No	Description	Quantity
	0-537-12	Spot lamp with back plastic body and glass lens, mounted on a steel base, with integral rotary switch. Supplied without H3 bulb, 147mm dia. 180 x w 77 x h 212mm.	1
	0-537-99	Replacement light unit for the above.	1
	0-537-55	Spot lamp with back plastic body and glass lens, mounted on a magnetic base, with integral rotary switch. Powered via a 3 metre working length retractable cable with a cigarette lighter/DIN plug. Supplied without H3 bulb, 147mm dia. 180 x w 77 x h 200mm.	1
	0-537-99	Replacement light unit for the above.	1
	0-421-00	Back plastic rectangular spot lamp incorporating a sealed glass lens and double reflector to accommodate two H3 bulbs which are not supplied. Four hole steel fixing bracket. 158 x w 127 x h 160mm.	1
	0-538-53	A powerful 35W 12/24V HID Xenon work lamp with internal ballast. Back nylon plastic body and a glass lens with stainless steel bracket and 250mm flying lead. Supplied with Xenon bulb. Protected to IP65. 120 x w 135 x h 160mm.	1
	0-537-72	A very powerful 55W 12V HID Xenon search light with internal ballast. Back nylon plastic body and a glass lens with plastic splashproof lens cover. Magnetic base and removable mounting plate. Wireless remote control up to 50m, lamp rotates 360° in azimuth and ±60° in vertical. Supplied with 55W H1 Xenon bulb and 2.6m lead with cigarette lighter plug. Protected to IP65. 200 x w 175 x h 260mm.	1
	0-537-84	24V version of the above.	1
	0-537-97	Mounting plate for above.	1
	0-422-17	Headlamp unit, 5 3/4" raised front glass lens dip/beam and side light housed in a black rubber body with single fixing bracket. P43t and Ba9s bulbs not supplied. 160 x w 120 x h 175mm.	1
	0-422-18	As above with main beam on y, H1 bulb not supplied.	1

LIGHTING

Headlamps | Driving lamps

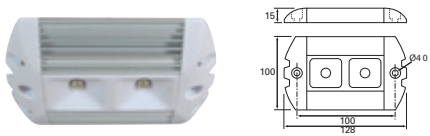
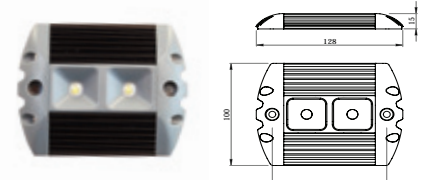
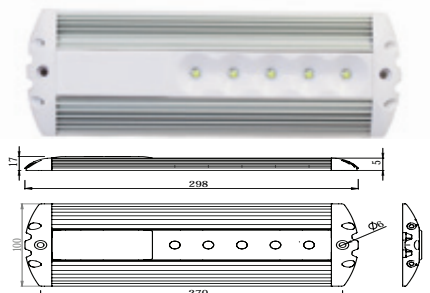



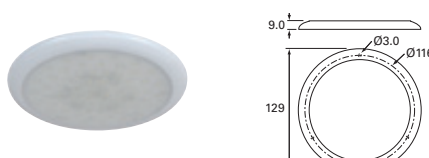
Product	Part No	Description	Quantity
	0-422-50	Head amp unit, 7" domed lens dip/beam with side light, P43t and Ba9s bulbs not supplied. ECE approved.	1
	0-422-51	As above with 7" flat lens.	1
	0-422-15	Right hand, side mounting head amp for agricultural or plant equipment. Steel body in black finish with a glass lens. Single bolt fixing. Supplied with wiring loom but without P36D bulb. 120mm dia. 182 x w 95 x h 162mm.	1
	0-422-14	Left hand version of above.	1
	0-422-75	Head amp unit, 5 3/4" flat raised lens dip/beam with side light, P43t and Ba9s bulbs not supplied. ECE approved.	1
	0-422-76	As above with main beam only, H1 bulb not supplied.	1
	0-422-00	Universal head amp with side light for agricultural or plant equipment. Steel body in matt black "crackle" finish. Glass lens with grille. Single bolt fixing. P45t and Ba9s bulbs not supplied. 152mm dia. 156 x w 143 x h 170mm. ECE approved.	1
	0-424-00	Head amp unit with moulded housing incorporating direction indicator and a 5 3/4" head light unit with side light. Single bolt fixing. P43t and Ba9s bulbs not supplied. 155 x w 132 x h 212mm. ECE approved. Replaces JCB 700/17900 & Case E46742.	1
	0-424-99	Replacement lens for direction indicator.	1
	0-537-50	Commercial vehicle driving lamp with die cast powder coated body, glass lens and chromium plated bezel. Supplied without H3 bulb. 242 x w 92 x h 166mm. ECE and EEC approved.	1
	0-537-98	Replacement light unit for the above.	1
	0-538-50	Commercial vehicle fog lamp as above.	1
	0-538-98	Replacement light unit for the above.	1
	0-537-51	Commercial vehicle driving lamp with side light, chromium plated steel body, glass lens and chromium plated bezel. Supplied without H3 bulb. 200 x w 100 x h 260mm. ECE and EEC approved.	1


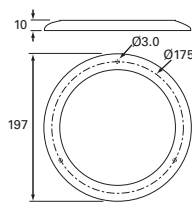

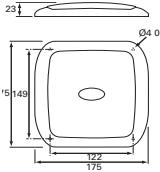


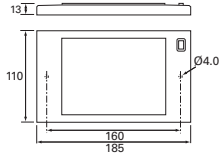
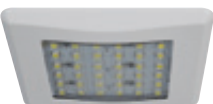
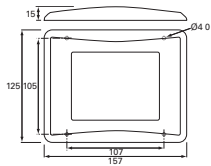


LED daylight running lights | LED exterior lamps | LED interior lamps

Product	Part No	Description	Quantity
	0-422-91	Day light running lamps, 12/24V LED, black die cast alloy body and steel mounting bracket. Supplied as a kit with two lamps and wiring harness. ECE approved.	1
	0-422-90	Day light running lamps, 12/24V LED, black die cast alloy body for through pane mounting. Supplied as a kit with two lamps and wiring harness. ECE approved.	1
	New 0-668-66	10 30V, 6 LED exterior lamp. Polycarbonate housing and lens. Approximate 400 lumens. 202 x w 72 x h 35mm.	1
	New 0-668-60	Curved LED light 10 32V. 15W with surface mount. Over 1100 lumens, Solid aluminium casting. Unique curved PCB. Waterproof to IP67.	1
	0-668-45	Slim 12V LED awning lamp, 30 bright white LEDs, surface mount or clip on for 20mm dia tube. Sealed in aluminium housing, 2.8m extension lead with inline switch and cigarette lighter plug. Can be daisy chained to additional units. CE approved. 515 x w 19 x h 10mm.	1
	0-668-46	Slim 12V LED awning lamp, 12 bright white LEDs, surface mount projecting illumination at 45°. Aluminium body with white plastic ends and flying leads. Protected to IP66, CE approved. 1256 x w 25 x h 30mm.	1
	0-668-47	Longer version of above with 24 LEDs, length 456mm.	1
	0-668-50	12V LED awning lamp, 36 super bright white LED's, surface mount, with built in PIR movement sensor. White plastic cover and flying leads. The PIR can be overridden using an external switch (not supplied). Protected to IP65, CE approved. 325 x w 100 x h 35mm.	1
	New 0-668-23	10 32V LED roof light with integrated on/off switch, 2 x 1.25W high intensity CREE LEDs. 320 lumens. 107 x w 44 x h 14mm.	1

LIGHTING


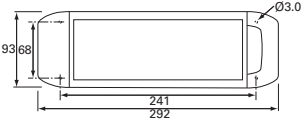

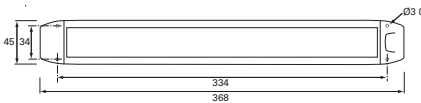

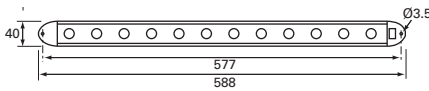




LED interior lamps

Product	Part No	Description	Quantity
	0-668-20	S im 12/24V LED roof amp, 2 x 2.5W extra bright white LEDs, surface mounting, auminium body with white plastic ends. Protected to IP 67. CE approved.	1
	New 0-668-21	10 32V LED roof amp. 2 x 1.25W CREE white LEDs. 240 umens. Waterproof to IP67. 128 x w 100 x h15mm.	1
	New 0-668-22	LED roof amp with 5 CREE white LEDs, 10 32V. 12.5W, 1100 umens. Waterproof to IP67. 298 x w 100 x h 15mm.	1
	New 0-668-38	12V LED roof amp with 6 high intensity CREE LEDs 12V 3.5W. Tough auminium housing. Integrated switch. Waterproof to IP66. 375 x w 44 x h 15mm.	1
	New 0-668-39	LED roof amp with 24 high intensity CREE LEDs, 12V 3.7W Tough auminium housing. Integrated switch. Waterproof to IP66. 624 x w 44 x h 15mm.	1
	New 0-668-41	12V LED roof amp with 24 x 2.2W LEDs, ABS end caps. Choice of 3 different light angles. Integrated switch. 360 x w 37 x h 16mm.	1
	0-668-63	24V, 6 LEDs. 360 x w 37 x h 16mm.	1
	0-668-42	12V, 4.4W, 48 LEDs. 610 x w 37 x h 16mm.	1
	0-668-64	24V version of the above. 610 x w 37 x h 16mm.	1
	0-668-43	12V, 6.6W, 36 LEDs. 860 x w 37 x h 16mm.	1
	0-668-65	24V version of the above. 860 x w 37 x h 16mm.	1
	0-668-10	S im 12/24V LED roof amp, 72 bright white LEDs, surface mounting, in white plastic. Protected to IP 66. CE approved.	1


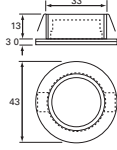

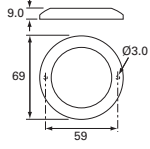

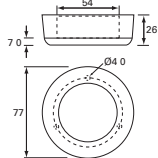

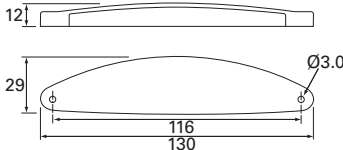

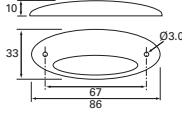

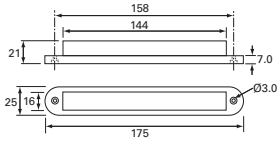

Product	Part No	Description	Quantity
 	0-668-40	Sim 12/24V LED roof amp, 144 bright white LEDs, surface mounting, in white plastic, splashproof. CE approved.	1
 	0-668-30	Sim 12/24V LED roof amp, with integral switch, 96 bright white LEDs and 6 red LED night light facility, surface mounting, in white plastic.	1
	0-668-14	Sim 12/24V roof amp, 120 white LEDs, surface mount. White polycarbonate housing and lens with integral rocker switch and flying leads. 129 x w 77 x h 21mm.	1
 	0-668-15	Sim 12/24V LED roof amp, with integral switch, 84 bright white LEDs and 12 red LED night light facility, surface mounting, in white plastic. CE approved.	1
 	0-668-17	Sim 12/24V LED roof amp, 36 bright white LEDs, surface mounting, low current draw 0.6A at 12V dc, white plastic housing. CE approved.	1
	New 0-668-70	12/24V LED mood lamp with frosted lens, 42 indirect square LEDs and an on/off switch. Aluminium body. ECE R10 approved. 178 x w 90 x h 12mm.	1
	0-668-71	72 LED version, 266 x w 90 x h 12mm.	1
	0-668-72	108 LED version, 374 x w 90 x h 12mm.	1
	0-668-73	138 LED version, 465 x w 90 x h 12mm.	1
	New 0-668-74	12/24V LED mood lamp with frosted lens, 42 indirect square LEDs and an on/off switch. Aluminium body. ECE R10 approved. 178 x w 145 x h 12mm.	1
	0-668-75	72 LED version, 266 x w 145 x h 12mm.	1
	0-668-76	108 LED version, 374 x w 145 x h 12mm.	1
	0-668-77	138 LED version, 465 x w 145 x h 12mm.	1

LIGHTING

LED interior lamps


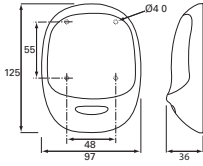

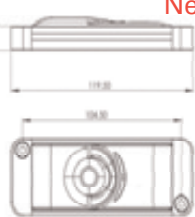



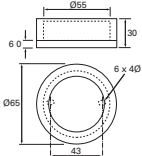

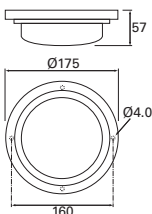
Product	Part No	Description	Quantity
 	0-668-25	S im 12/24V LED roof amp with integra switch, 96 bright white LEDs, surface mounting, a uminium body with white p astic ends. 15mm deep. CE approved.	1
 	0-668-37	S im 12/24V LED roof amp, 72 bright white LEDs, integra on/off switch, surface mounting, ow current draw 0.4A at 12V dc, white a uminium housing, sp ashproof. 10mm deep. CE approved.	1
 	0-668-35	S im 12/24V LED batten roof amp with integra switch, 12 x 1W bright white LEDs, surface mounting, a uminium body with white p astic ends. 22mm deep. CE approved.	1
	New 0-668-13	Sma 12/24V round LED interior amp. 117 white LEDs, surface mount, white po ycarbonate housing and ens with integra rocker switch and f ying eads. 340 umens. 107 x w 107 x h 23mm.	1
	New 0-668-08	Decorative 12V cei ing amp with switch, 12W super bright LEDs with night ight function, a uminium base with f ying eads. 400 umens. CE approved. 253 x w 253 x h 37mm.	1
	New 0-668-09	12V decorative mini cei ing amp with 3 position switch. 6 bright 2W LEDs and night ight function. A uminium base with f ying eads. 100 umens. CE approved. 70 x w 70mm x h 36mm.	1
	New 0-668-44	Low profi e 12V cei ing amp with 3 position switch and night function. ABS base with po ycarbonate ens, with f ying eads. 1150 umens. CE approved. 250 x w 250 x h 55 mm.	1

LED interior lamps | LED map lights

Product	Part No	Description	Quantity
 	0-668-01	Mini 12/24V LED downlighter, 12 bright white LEDs, recessed mounting, plastic, splashproof. CE approved.	1
 	0-668-05	Slim 12/24V LED downlighter, 30 bright white LEDs with 6 red LED night light facility, surface mounting, in white plastic. Protected to IP66. CE approved.	1
 	0-668-03	LED downlighter for recessed or surface mounting, 12/24V in white plastic with detachable surface mount bezel. Incorporates a switch in the lamp lens. CE approved.	1
	0-668-04	Silver version of above	1
 	0-680-60	LED mood/step light, 12/24V, 6 bright white LEDs, splashproof. CE approved.	1
	0-680-62	Blue LED version of above.	1
	0-680-65	Red LED version of above.	1
	0-680-70	Amber LED version of above.	1
 	0-680-30	LED mood/step light, 12/24V, 3 bright white LEDs, waterproof. CE approved.	1
	0-680-32	Blue LED version of above.	1
	0-680-35	Red LED version of above.	1
	0-680-40	Amber LED version of above.	1
 	0-680-10	LED mood/step light, 12/24V, 4 white LEDs, recess fit.	1
	0-680-15	Red LED version of above.	1
	0-680-97	Surface mount bezel for the above, 11mm deep.	1
	0-680-20	LED mood/step light, 12/24V, 10 white LEDs, recess fit.	1
	0-680-25	Red LED version of above.	1
	0-680-98	Surface mount bezel for the above, 18mm deep.	1
	0-669-13	LED map light, 12V, 12 bright white LEDs with 6 red LED night light facility. Switch on lamp head with 325mm flexible arm. CE approved.	1
	0-669-25	24V version of above.	1

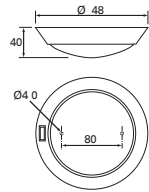
LIGHTING

LED interior lighting | Flexible lamp strips | Bulb interior lighting

Product	Part No	Description	Quantity
 	0-668-12	LED rocker lamp, 12/24V, 48 bright white LEDs, integrated on/off switch, surface mounting, low current draw 0.3A at 12V dc, white plastic housing. CE approved.	1
 	New 0-743-22	Slim line PIR motion sensor switch. 12V, 4.5A max. load. 30 second timer for extended battery life. Low energy consumption. 120 x w 44 x h 19mm.	1
	0-669-12 3-669-12 0-669-14 0-669-15 0-669-17 0-669-20 0-669-24 3-669-24 0-669-26 0-669-27 0-669-28 0-669-30	LED flexible light strip, 12V, adhesive backed. 60 bright white LEDs per metre, can be cut and wired every 3 LEDs (requires soldering), waterproof. As above, longer length. Blue LED version of above. Green LED version of above. Red LED version of above. Amber LED version of above. 24V white LED version of above, cut every 6 LEDs. As above, longer length. Blue LED version of above. Green LED version of above. Red LED version of above. Amber LED version of above.	1 m 5 m 1 m 1 m 1 m 1 m 1 m 5 m 1 m 1 m 1 m 1 m
	0-669-52 0-669-54 0-669-55 0-669-57 0-669-60 0-669-74 0-669-76 0-669-77 0-669-78 0-669-80	Side facing LED flexible light strip, 12V, adhesive backed. 60 bright white LEDs per metre, can be cut and wired every 3 LEDs (requires soldering), waterproof. Blue LED version of above. Green LED version of above. Red LED version of above. Amber LED version of above. 24V white LED version of above, cut every 6 LEDs. Blue LED version of above. Green LED version of above. Red LED version of above. Amber LED version of above.	1m 1m 1m 1m 1m 1m 1m 1m 1m 1m
 	0-668-16	Downlighter for recessed or surface mounting, in white with detachable steel housing. Supplied with 12V 10W G4 halogen bulb. CE approved.	1
 	0-667-50 0-667-13	Traditional "jetty mould" style commercial roof lamp. Plastic lens on a grey plastic base. Supplied without SCC bulb. Chrome finish base with guard.	1 1

Bulb interior lighting | Fluorescent lamps

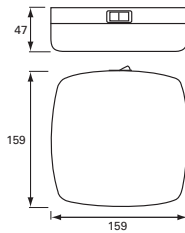
Product	Part No	Description	Quantity
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0-680-16

Modern simple recessed ceiling lamp. Plastic lens on a white plastic base with on/off switch. Supplied with 12V 10W G4 bulb.

1



0-418-12

Low profile 12V rectangular recessed ceiling lamp. White plastic construction incorporating switch in the base and a 12V folded "double D" 16W fluorescent tube. CE approved.

1

0-418-24

24V version of the above.

1

0-418-99

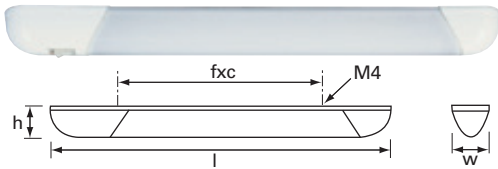
Replacement lens.

1

0-418-20

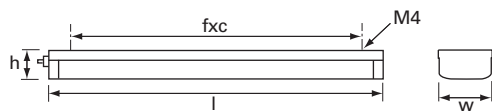
Replacement tube.

1



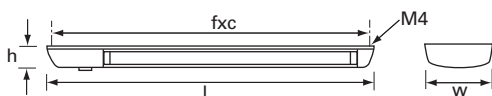
Fluorescent lamp in a contemporary style. White stove enameled steel with a plastic lens and integral switch. Supplied with a fluorescent tube. CE approved.

part no	length	width	height	fix centre	volts dc	watts	Quantity	tubes (qty 5)	tubes (qty 1)
0-408-01	423	45	35	240	12 15	8	1	0-408-20	5-408-20
0-414-01	423	45	35	240	24 32	8	1	0-408-20	5-408-20
0-413-01	652	45	35	468	12 15	13	1	0-413-20	5-413-20
0-415-01	652	45	35	468	24 32	13	1	0-413-20	5-413-20



Low profile fluorescent lamp in white stove enameled steel with a plastic lens, incorporating a switch. Supplied with a fluorescent tube. CE approved.

part no	length	width	height	fix centre	volts dc	watts	Quantity	tubes (qty 5)	tubes (qty 1)	lens (qty 1)
0-408-00	355	56	29	319	12 15	8	1	0-408-20	5-408-20	0-408-99
0-414-00	355	56	29	319	24 32	8	1	0-408-20	5-408-20	0-408-99
0-413-00	590	56	29	548	12 15	13	1	0-413-20	5-413-20	
0-415-00	590	56	29	548	24 32	13	1	0-413-20	5-413.20	














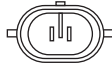

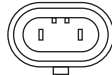
Low profile fluorescent light providing a choice of light level by choosing modes supplied with 1, 2, or 3 of the 8W fluorescent tubes, incorporates on/off switch. CE approved.

A surround 0 419 50 is available separately. 409 x w 106 x h 4mm.



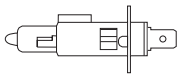
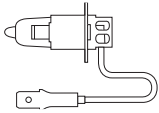
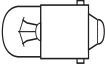
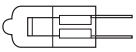
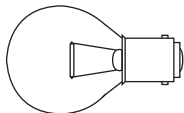
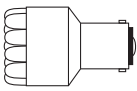


part no	length	width	height	fix centre	volts dc	watts	Quantity	tubes (qty 5)	tubes (qty 1)
0-419-08	381	78	24	367	12 15	8	1	0-408-20	5-408-20
0-419-16	381	78	24	367	12 15	16	1	0-408-20	5-408-20
0-419-24	381	78	24	367	12 15	24	1	0-408-20	5-408-20
0-419-58	381	78	24	367	24 32	8	1	0-408-20	5-408-20
0-419-66	381	78	24	367	24 32	16	1	0-408-20	5-408-20
0-419-74	381	78	24	367	24 32	24	1	0-408-20	5-408-20

LIGHTING

Bulb holders

Product	Part No	Description	Quantity
	0-705-11	T10 wedge single bulb holder, plastic with 100mm lead, twist fit.	1
	0-705-12	T10 wedge single bulb holder with 100mm lead, push fit 12.5mm hole.	1
	0-705-01	Ba9s bulb holder, metal, 130mm flying lead.	1
	0-705-02	BA15s bulb holder, metal, 130mm flying lead.	1
	0-705-03	BAY15d bulb holder, metal, 130mm flying leads.	1
	0-705-00	SBC batten lamp holder with spring loaded contacts. Three hole fixing.	1
	0-705-21	H1 bulb holder, ceramic with 100mm lead.	1
	0-705-22	H4 bulb holder, ceramic with 100mm lead.	1
	0-539-51 5-539-51	H4 bulb holder, plastic complete with terminals. Single unit, as above.	5
	0-705-23	H7 bulb holder, ceramic with 100mm lead.	1
 	0-705-24	H8 bulb holder, ceramic with 100mm lead.	1
 	0-705-25	H10 and HB3 bulb holder, ceramic with 100mm lead.	1

Bulb holders | Bulbs | Hand-held lamps

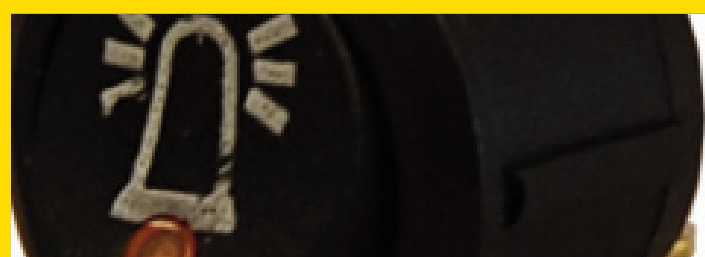
Product	Part No	Description	Quantity
	0-705-26	HB4 bulb holder, ceramic with 100mm lead.	1
	0-705-27	HB1 bulb holder, ceramic with 100mm lead.	1
	0-454-02	12V, 55W quartz halogen H1 bulb.	1
	0-454-04	24V, 70W quartz halogen H1 bulb.	1
	0-539-01	12V, 55W quartz halogen H3 bulb.	1
	0-539-02	24V, 70W quartz halogen H3 bulb.	1
	0-601-02	12V, 2W 9mm Ba9s bulb.	1
	0-601-04	24V version of the above. Suitable for our 0 609 51 to 70 range of warning lights and 0 601 00 cigarette lighter.	1
	0-669-02	12V, 10W quartz halogen G4 bulb.	1
	0-669-04	24V version of the above. Suitable for our 0 668 xx, 0 669 xx and 0 680 16.	1
	0-699-02	12V, 24W Ba15d SBC bus bulb.	1
	0-699-04	24V, 20W Ba15d SBC bus bulb. Suitable for our 0 699 00 and 0 699 12 inspection lamps.	1
	0-699-03	12V, LED SBC bulb.	1
	0-538-36	Hand held work lamp powered via a 6 metre cable with cigarette lighter plug. Incorporates a switch. Supplied with a soft storage bag and without H3 bulb, 147mm dia. 152 x w 75 x h 235mm.	1
	0-537-36	Hand held spot lamp powered via a 6 metre cable with cigarette lighter plug. Incorporates a switch. Supplied with a soft storage bag and without H3 bulb, 147mm dia. 152 x w 75 x h 235mm.	1

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3

SWITCHES AND INDICATORS


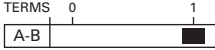

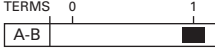



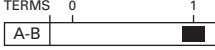

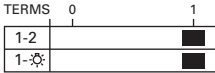

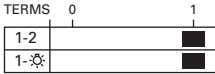

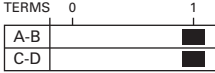






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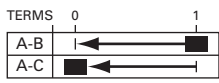

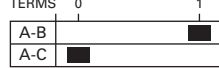



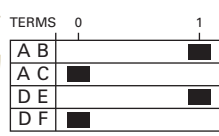



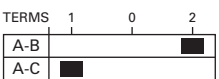

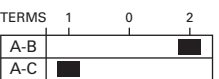



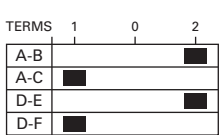
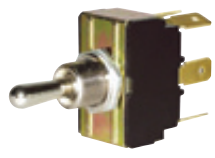
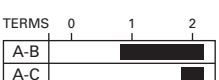

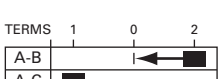
SWITCHES AND INDICATORS

Toggle switches

Product	Part No	Description	Quantity
 	0-603-00	On/off, single pole switch, with nickel plated brass lever and 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-603-01	On/off, single pole switch, with plastic paddle style lever and 6.3mm blade terminals, 13mm panel hole. 10A at 12V dc rating.	1
 	0-364-00	On/off, single pole switch, with plastic toggle style lever and 6.3mm blade terminals, 13mm panel hole. 10A at 12V dc rating.	1
 	0-364-01	On/off, single pole switch, with plastic flat lever style and 6.3mm blade terminals, 13mm panel hole. 10A at 12V dc rating.	1
 	0-603-02	On/off, single pole switch, nickel plated round metal lever with 12/24V LED indicator, 6.3mm blade terminals. 13mm panel hole. 10A at 28V dc rating.	1
	0-603-04	Blue LED.	1
	0-603-05	Green LED.	1
	0-603-10	Red LED.	1
	0-603-10	Amber LED.	1
 	0-364-02	On/off, single pole switch, flat plastic lever with 12/24V LED indicator, 6.3mm blade terminals. 13mm panel hole. 10A at 28V dc rating.	1
	0-364-04	Blue LED.	1
	0-364-05	Green LED.	1
	0-364-10	Red LED.	1
	0-364-10	Amber LED.	1
 	0-495-00	On/off, double pole heavy duty switch, with nickel plated brass lever and screw/6.3mm blade terminals, 13mm panel hole. 20A at 12V dc rating.	1
 	0-687-00	Momentary on, single pole switch biased to off, with long plastic paddle style lever and 6.3mm blade terminals, 13mm panel hole. 10A at 12V dcV rating.	1
 	0-687-01	Momentary on, single pole switch, with nickel plated brass lever and 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1

SWITCHES AND INDICATORS

Toggle switches

Product	Part No	Description	Quantity
 	0-687-60	Momentary on or momentary change over, single pole miniature lever switch biased to off, with chrome plated brass lever and solder lug terminals, 6.5mm panel hole. 5A at 28V dc rating. Protected to IP67.	1
 	0-658-00	Change over or on/off, two position, single pole switch, with nylon paddle style lever and 6.3mm blade terminals, 13mm panel hole. 10A at 12V dc rating.	1
 	0-658-01	Change over or on/off, two position, single pole switch, with nickel plated brass lever and 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-658-02	Change over or on/off, two position, double pole switch, with nickel plated brass lever and 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-603-60	Change over or on/off, two position, single pole miniature lever switch, with chrome plated brass lever and solder lug terminals, 6.5mm panel hole. 5A at 28V dc rating. Protected to IP67.	1
 	0-349-00	Change over or on/off/on, three position, single pole switch centred off, with nylon paddle style lever and 6.3mm blade terminals, 13mm panel hole. 10A at 12V dc rating.	1
 	0-349-01	Change over or on/off/on, three position, single pole switch, with nickel plated brass lever. 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-349-60	Change over or on/off/on, three position, single pole miniature lever switch, with chrome plated brass lever and solder lug terminals, 6.5mm panel hole. 5A at 28V dc rating. Protected to IP67.	1
 	0-349-02	Change over or on/off/on, three position, double pole switch, with nickel plated brass lever and 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-645-00	Off/A/A+B, three position side and head lamp single pole switch, with nickel plated brass lever and 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-496-01	On/off/momentary on or momentary change over, single pole switch biased off, with nickel plated brass lever and 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1

SWITCHES AND INDICATORS

Toggle switches | Toggle switch panels

Product	Part No	Description	Quantity
 	0-496-61	Change over or on/off/momentary on or momentary change over, three position, single pole miniature lever switch, with chrome plated lever and silver plated solder lug terminals, 6.5mm panel hole. 5A at 28V. IP67.	1
 	0-496-00	Momentary on/off/momentary on or momentary change over, single pole switch biased off, with nickel plated brass lever and 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-496-60	Momentary on/off/momentary on or momentary change over, single pole miniature lever switch, with chrome plated brass lever and solder lug terminals, 6.5mm panel hole. 5A at 28V dc rating. Protected to IP67.	1
 	0-496-02	Momentary on/off/momentary on or momentary change over, double pole switch, with nickel plated brass lever and 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
	New 0-658-03	Illuminated change-over or on/off switch, LED changes from red to green. Double pole single throw, 6.3mm terminals, 11mm diameter panel hole. 30A at 12V rating.	1
	0-658-53	24V version of the above.	1
	0-603-03	Toggle switch safety guard, moulded red plastic, spring loaded. Prohibits accidental switch activation, fits most 13mm toggle switches.	1
	0-603-06	Facia plate for metal toggle switches with 13mm bodies. "Off" is the up position.	10
	0-241-01	Single switch panel, black plastic, 13mm diameter hole.	1
	0-242-01	As above but with two holes.	1
 	0-707-00	Single switch panel, black plastic bracket with a single pole on/off toggle switch. 10A at 12V dc.	1
 	0-686-00	Double switch panel, black plastic bracket with a single pole off/on toggle switch and red 12V warning light. 10A at 12V dc.	1
 	0-349-50	Change over or on/off/on, three position, double pole switch, with large plastic paddle style lever and 6.3mm blade terminals, 21.5mm panel hole. 15A at 12V dc rating.	1

SWITCHES AND INDICATORS

Rotary switches

Product	Part No	Description	Quantity
	0-483-00	Indicator switch or on/off/on, three position rotary switch, with plastic lever and screw terminals, 27mm panel hole. 6A at 12V dc rating.	1
	0-484-00	As above, but with illuminated green plastic lever.	1
	0-645-60	Light switch (off/side/dip/beam) or off/on/on/on, four position rotary switch, with plastic lever and screw terminals, 27mm panel hole. 11A at 12V dc rating.	1
	0-612-00	Steering column indicator switch or on/off/on, three position single pole switch, for mounting on 35-40mm diameter column, stalk length 121mm. Rated 6A at 12V dc and 3A at 24V dc.	1
	0-646-50	Wiper switch on/on/on, for 2 speed and self-park wipers. 6.3mm blade terminals, 11mm diameter panel hole. 10A at 12V dc rating.	1
	0-645-70	Off/side/dip/main headlamp rotary switch, with horn push, 6.3mm blade terminals, 14mm panel hole. 20/4A at 12V dc rating, 5/2A at 24V dc rating.	1
	0-656-02	On/off, rotary switch, splash proof to DIN40 050, IP 53, 12mm diameter panel hole. 15A at 12V dc rating.	1
	0-656-00	On/off, rotary switch, splash proof to DIN40 050, IP 53, Illumination for 12V only. Supplied with a choice of red, amber and green lens. 12mm diameter panel hole. 15A at 12V dc rating.	1
	0-656-03	Off/on/on, three position rotary switch, splash proof to DIN40 050, IP 53, 12mm diameter panel hole. 15A at 12V dc rating.	1
	0-656-05	Momentary change over or momentary on/off/momentary on, rotary switch, splash proof to DIN40, 050 IP 53, 12mm diameter panel hole. 15A at 12V dc rating.	1
	0-656-04	Off/side/head, three position rotary switch, splash proof to DIN40 050, IP 53, 12mm diameter panel hole. 29A at 12V dc rating.	1












SWITCHES AND INDICATORS

Rocker switches | Toggle switches | Push-pull switches

Product	Part No	Description	Quantity
	0-530-01	On/off, single pole switch, plastic rocker and 4.8 mm blade terminals. Snap fits into rectangular panel hole 19.5 x 13mm. 10A at 12V dc rating.	1
	0-532-01	On/off, single pole switch, plastic rocker with fluorescent indicator and 6.3mm blade terminals. Snap fits into rectangular panel hole 30 x 11mm. 16A at 12V dc rating.	1
	0-531-00	On/off, single pole switch, miniature plastic rocker and 4.8mm blade terminals. Snap fits into 15mm diameter panel hole. 6A at 12V dc rating.	1
	0-531-01	Non illuminated	1
	0-531-02	Blue LED	1
	0-531-04	Green LED	1
	0-531-05	Red LED	1
	0-531-10	Amber LED	1
	New 0-531-18	Amber with beacon symbol, on/off single-pole switch, plastic rocker. 12/24V LED indicator, 4.8mm blade terminals. Snap fits into 20mm diameter panel hole. 10A at 12V DC rating.	1
	0-531-11	As above, amber with work lamp symbol.	1
	0-531-52	Blue LED	1
	0-531-54	Green LED	1
	0-531-55	Red LED	1
	0-531-60	Amber LED	1
	0-597-50	On/off, single pole push pull switch, with 14 mm button and screw terminals, fits 8.5mm panel hole up to 12mm deep. 12.5A at 24V dc rating.	1
	0-645-50	Off/on A/on A+B, single pole side and head light push pull switch, screw terminals, 10.5mm panel hole. 10A at 12V dc rating.	1
	0-597-04	Green	1
	0-597-05	Red	1
	0-597-07	White	1
	0-597-10	Amber	1
		0-732-04	Green
0-732-05		Red	1
0-732-07		White	1
0-732-10		Amber	1

SWITCHES AND INDICATORS

Push button switches

Product	Part No	Description	Quantity												
 <table border="1" data-bbox="391 347 606 448"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>R-W</td> <td></td> <td>■</td> </tr> <tr> <td>R-☼</td> <td>■</td> <td></td> </tr> <tr> <td>R-☼</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	R-W		■	R-☼	■		R-☼		■	0-485-91	Push on/push off, single pole switch, for surface mounting. 12/24V LED indicators; red "Off" and green "On". Self adhesive pad for quick fixing, supplied with 900mm lead. 1.0A at 12V dc rating.	1
TERMS	0	1													
R-W		■													
R-☼	■														
R-☼		■													
 <table border="1" data-bbox="391 548 606 604"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	0-485-90	Push on/push off, single pole switch, with metal button and 6.3mm blade terminals, 13mm panel hole. 6A at 12V dc rating.	1						
TERMS	0	1													
A-B		■													
 <table border="1" data-bbox="391 649 606 750"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>15-49</td> <td>■</td> <td></td> </tr> <tr> <td>30-30b-☼</td> <td></td> <td>■</td> </tr> <tr> <td>49a-L-R-☼</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	15-49	■		30-30b-☼		■	49a-L-R-☼		■	0-484-50	Hazard warning light switch, push-on/push-off with 12V 1.2W panel bulb illumination, 7 x 6.3mm blade terminals, 30mm panel hole.	1
TERMS	0	1													
15-49	■														
30-30b-☼		■													
49a-L-R-☼		■													
 <table border="1" data-bbox="391 929 606 1008"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> <tr> <td>A-☼</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	A-☼		■	0-690-50 0-690-51 0-690-54 0-690-55 0-690-60	On/off, push-push single pole switch, with 12/24V LED indicator and 4.8mm blade terminals. Snap fits into 20mm diameter panel hole. 10A at 12V dc rating. Momentary on, black non illuminated. Black non illuminated. Green LED illuminated. Red LED illuminated. Amber LED illuminated.	1 1 1 1 1			
TERMS	0	1													
A-B		■													
A-☼		■													
 <table border="1" data-bbox="391 1198 606 1276"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> <tr> <td>A-☼</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	A-☼		■	0-531-24 0-531-25 0-531-30 0-531-74 0-531-75 0-531-80	On/off single pole illuminated round rocker switch. 4.8mm blade terminals. Snap fits into 20mm diameter panel hole. 20A at 12V rating. Green LED 12V Red LED 12V Amber LED 12V Green LED 12V Red LED 12V Amber LED 12V	1 1 1 1 1 1			
TERMS	0	1													
A-B		■													
A-☼		■													
 <table border="1" data-bbox="391 1411 606 1467"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td>←</td> <td>■</td> </tr> </table>	TERMS	0	1	A-B	←	■	0-485-00	Push button single pole switch, push to momentarily make, screw terminals, 22mm panel hole up to 8mm deep. 12.5A at 12V dc rating.	1						
TERMS	0	1													
A-B	←	■													
 <table border="1" data-bbox="391 1556 606 1612"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td>←</td> <td>■</td> </tr> </table>	TERMS	0	1	A-B	←	■	0-485-01	Push button single pole switch, push to momentarily make, 6.3 Lucar terminals, 20mm panel hole. 10A at 12V dc rating.	1						
TERMS	0	1													
A-B	←	■													
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TERMS	0	1													
A-B	←	■													
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TERMS	0	1													
A-B	←	■													
 <table border="1" data-bbox="391 1926 606 1982"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	0-485-92	Push on/push off, single pole miniature switch, with plastic button and 2.0mm solder tags, 7mm panel hole. 0.5A at 30V dc rating.	1						
TERMS	0	1													
A-B		■													
 <table border="1" data-bbox="391 2072 606 2128"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td>←</td> <td>■</td> </tr> </table>	TERMS	0	1	A-B	←	■	0-485-04	Momentary on, push button, single pole miniature switch, with plastic button and 2.0mm solder tags. 7mm panel hole. 0.5A at 30V dc rating.	1						
TERMS	0	1													
A-B	←	■													

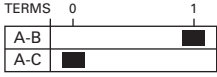
SWITCHES AND INDICATORS

Push button switches | Retro switches | Door switches | Brake switches

Product	Part No	Description	Quantity
	0-485-05	Momentary on, single pole, push button switch, 12V red LED illumination, screw terminals, 22mm panel hole. 20A at 12V dc rating.	1
	0-485-75	Momentary on, push button horn switch, single pole with screw terminals. 5A at 12V dc rating. Replaces SPB160.	1
	0-364-11	On/off, single pole switch, with plastic paddle style lever and 6.3mm blade terminals, 14.5mm panel hole. 5A at 12V dc rating. Replaces SPB200.	1
	0-658-11	On/on or change over, single pole switch, with plastic paddle style lever and 6.3mm blade terminals, 14.5mm panel hole. 18A at 12V dc rating. Replaces 34889.	1
	0-687-11	Momentary on, single pole switch, with plastic paddle style lever and 6.3mm blade terminals, 14.5mm panel hole. 5A at 12V dc rating. Replaces SPB204.	1
	0-349-11	On/off/on or change over, single pole switch, with plastic paddle style lever and 6.3mm blade terminals, 14.5mm panel hole. 10A at 12V dc rating. Replaces 31743.	1
	0-645-11	On/on/on, single pole switch, with plastic paddle style lever and 6.3mm blade terminals, 14.5mm panel hole. 10A at 12V dc rating. Replaces 35927 and 31788.	1
	0-486-00	Courtesy door switch, with 20 to 6.5mm adjustable spring loaded plunger and universal elongated fixing hole. Panel clearance 40mm. Non-corroding copper terminals and fittings. The switch should be fitted with the plunger fully out, and then the door closed to permanently adjust plunger length automatically.	1
	0-486-01	Courtesy door switch, 16mm spring loaded plunger with 9.5mm movement. Panel clearance 33mm. Non corroding copper terminals and fittings. For most modern Fords.	1
	0-486-02	Courtesy door switch, with 47mm long spring loaded telescopic plunger designed as a bonnet switch for vehicle alarms. Panel clearance 29mm. Non-corroding copper terminals and fittings.	1
	0-579-50	Brake light switch, single pole, normally closed with screw terminals. Can be pushed or pulled, to open the circuit. Rated 4A at 12V dc. Supplied with rubber boot.	1
	0-579-51	Brake light switch, single pole, normally open with screw terminals. Can be pulled or pushed to make the circuit. Rated 4A at 12V dc. Supplied with spring, hook and rubber boot.	1

SWITCHES AND INDICATORS

Splashproof switches | Foot switches

Product	Part No	Description	Quantity
 	0-603-50	On/off, single pole switch, with rubber sealing gaiter over nickel plated brass lever, 6.3mm terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-364-50	On/off, single pole switch, with PVC shroud over nylon toggle lever, 6.3mm blade terminals. 13mm panel hole. 10A at 12V dc rating.	1
 	0-687-50	Momentary on, single pole switch, with rubber sealing gaiter over nickel plated brass lever, 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-658-51	Change over or on/off, two position, single pole switch, with rubber sealing gaiter over nickel plated brass lever, 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-349-40	Change over or on/off/on, three position, single pole switch, with rubber sealing gaiter over nickel plated brass lever, 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-496-40	On/off/momentary on, single pole switch, with rubber sealing gaiter over nickel plated brass lever, 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1
 	0-496-50	Momentary change over or momentary on/off/momentary on, single pole switch, with rubber sealing gaiter over nickel plated brass lever, 6.3mm terminals, 13mm panel hole. 10A at 28V dc rating.	1
	0-603-99	Rubber sealing gaiter for standard 12.5mm shafted toggle switches.	10
 	0-485-50	Push button, single pole switch, push to momentarily make, with rubber sealing gaiter and boot, screw terminals, 22mm panel hole. 12.5A at 12V dc rating.	1
 	0-530-51	On/off, single pole rocker switch with flexible PVC cover and 4.8 mm blade terminals. Snap fit into 19.5 x 13mm panel hole. 10A at 12V dc rating.	1
 	0-658-50	Change over, foot operated dip switch, with screw terminals.	1

SWITCHES AND INDICATORS

Warning lights

Product

Description

Quantity



Warning light with 12V 2W BA7s bulb. 13mm diameter panel hole and 6.3mm blade terminals Re-lamped from rear of panel.

Colours	Chrome Bezel	Black Bezel	Quantity
Blue	0-609-02	0-609-12	1
Green	0-609-04	0-609-14	1
Red	0-609-05	0-609-15	1
Amber	0-609-10	0-609-20	1



Warning light with either 12 or 24V 1.2W mini capless bulb and 2.8mm blade terminals. Push fit into 10mm diameter panel hole. Re-lamped from rear of panel.



Colours	12V	24V	Quantity
Blue	0-609-22	0-609-72	1
Green	0-609-24	0-609-74	1
Red	0-609-25	0-609-75	1
Amber	0-609-30	0-609-80	1
Green towbar symbol	0-609-99		1



Warning light, supplied without 9mm BA9s bulb. 17mm panel hole and 6.3mm terminals. Re-lamped from front of panel. 2W bulb max.

Colours	Part No.	Quantity
Blue	0-609-62	1
Green	0-609-64	1
Red	0-609-65	1
Amber	0-609-70	1



Warning light, supplied without 9mm BA9s bulb. 17mm panel hole. and 6.3mm terminals. Re-lamped from front of panel. 2W bulb max.

Colours	Part No.	Symbols	Quantity
Red	0-609-51		1
Red	0-609-53	.	1
Red	0-609-56	.	1
Green	0-609-57		1
Amber	0-609-59	..	1



Warning light, 12/24V LED indicator. 4.8mm blade terminals. Snap fits into 20mm diameter panel hole.

Colours	Part No.	Quantity
Blue	0-607-32	1
Green	0-607-34	1
Red	0-607-35	1
Amber	0-607-40	1



Warning light, 12/24V LED, for push fit into 8.2mm panel hole. Supplied with 300mm leads.

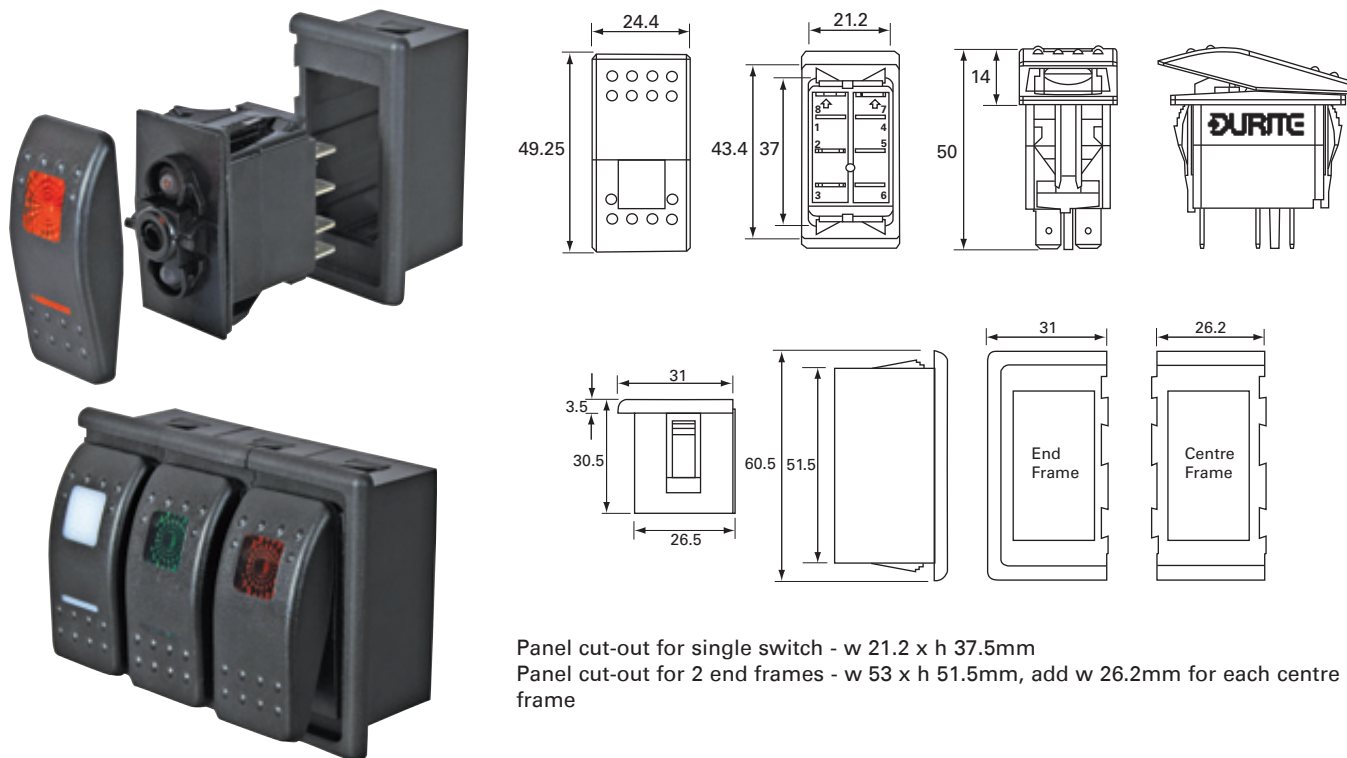
Warning - observe polarity, red +ve, black -ve.

Colours	12V	24V	Quantity
Green	0-607-04	0-607-24	1
Red	0-607-05	0-607-25	1
Amber	0-607-10	0-607-30	1
Red - Flashing	0-607-55	0-607-75	1

SWITCHES AND INDICATORS

Rocker switches

Rocker switches offering a range of functions. Choices of either one or two LED illumination, the illumination operates on function but can be left unilluminated if no illumination is required, and single or double pole contacts. All switches are dual 12/24V and are protected to IP66 from the front. Choices of lens legend and colour allow the user to select the components needed to build the exact switch they require. Switches are rated 20A at 12V dc and 10A at 24V dc. The complete product can be accommodated in an industry standard panel cut out or gang mounted on a choice of frames.



Panel cut-out for single switch - w 21.2 x h 37.5mm
 Panel cut-out for 2 end frames - w 53 x h 51.5mm, add w 26.2mm for each centre frame

Two position switch bodies

switch function	single pole	double pole	one illum.	two illum.	switch body number
Off/On	✓		✓		0-780-51
Off/On		✓	✓		0-780-61
Off/On*	✓		✓		0-781-51
Off/On*		✓	✓		0-781-61
* = momentary					
Change Over	✓			✓	0-782-52
Change Over		✓		✓	0-782-62

Three position switch bodies

switch function	single pole	double pole	one illum.	two illum.	switch body number
On/Off/On	✓			✓	0-784-52
On/Off/On		✓		✓	0-784-62
On/Off/On*	✓			✓	0-785-52
On/Off/On*		✓		✓	0-785-62
* = momentary					
On/Off/On	✓			✓	0-786-52
On/Off/On		✓		✓	0-786-62
* = momentary					
On/On/On		✓	✓		0-789-62

Switch components

gang mounting frames	
end frames	0-798-10
middle frames	0-798-11
blanking plate	0-798-98
connecting plate	0-798-99

Switch tools












































Rocker switch removal tool 0-798-95 **New**

SWITCHES AND INDICATORS

Rocker switches

Switch rockers come in two forms, 0-795-XX has a single lens and 0-796-XX has a second narrow lens. The legends are printed on the white lenses, these can be printed on other coloured lenses to order subject to minimum quantity. **Supplied in 1**



	windscreen wiper	0-79X-01		hazard beacon	0-79X-18		winch	0-79X-47
	windscreen washer	0-79X-02		diesel pre-heat	0-79X-20		slow	0-79X-48
	rear screen wiper	0-79X-03		fan	0-79X-21		fast	0-79X-49
	headlamp wiper/washer	0-79X-04		air conditioning	0-79X-22	L	left	0-79X-50
	headlamp washer	0-79X-05		heated seat	0-79X-23	R	right	0-79X-51
	side lights	0-79X-06		windscreen demist	0-79X-24	1	on/one	0-79X-52
	front fog lamps	0-79X-08		rear window demist	0-79X-25		rear window wiper/washer	0-79X-53
	rear fog lamps	0-79X-09		wing mirror demist	0-79X-26		rear window washer	0-79X-54
	front/rear work lamps	0-79X-10		horn	0-79X-34		lock	0-79X-55
	front work lamp	0-79X-11		down	0-79X-37		unlock	0-79X-56
	rear work lamp	0-79X-12		up	0-79X-38		amber	0-79X-90
	5th wheel work lamp	0-79X-13		up down	0-79X-39		blue	0-79X-92
	lights	0-79X-14		fuel tank change over	0-79X-41		green	0-79X-94
	interior lamps	0-79X-15		fuel tank two	0-79X-43		red	0-79X-95
	instrument lamps	0-79X-16		window lift	0-79X-44		white	0-79X-97
	reading lamp	0-79X-17		power	0-79X-45			

SWITCHES AND INDICATORS

Air switches

Product	Part No	Description	Quantity
	0-577-20	72.5psi / 5.0bar, M12 x 1.5. Replaces Wabco 441 014 015 0.	1
	0-580-00	60psi / 4.136bar, 1/4 NPTF. Replaces Wabco APSA7282/6.	1
	0-580-20	60psi / 4.136bar, 1/4 NPTF. Replaces Wabco APSA5705.	1
Stop light switches for vehicle air systems.			
	0-579-00	5psi / 0.344bar, 1/4 NPTF. Rated 10A at 24V. Replaces Wabco 262625/APSA4872.	1
	0-579-60	2.2psi / 0.15bar, M12 x 1.5. Rated 5A at 24V. Replaces Wabco 441 014 019 0.	1

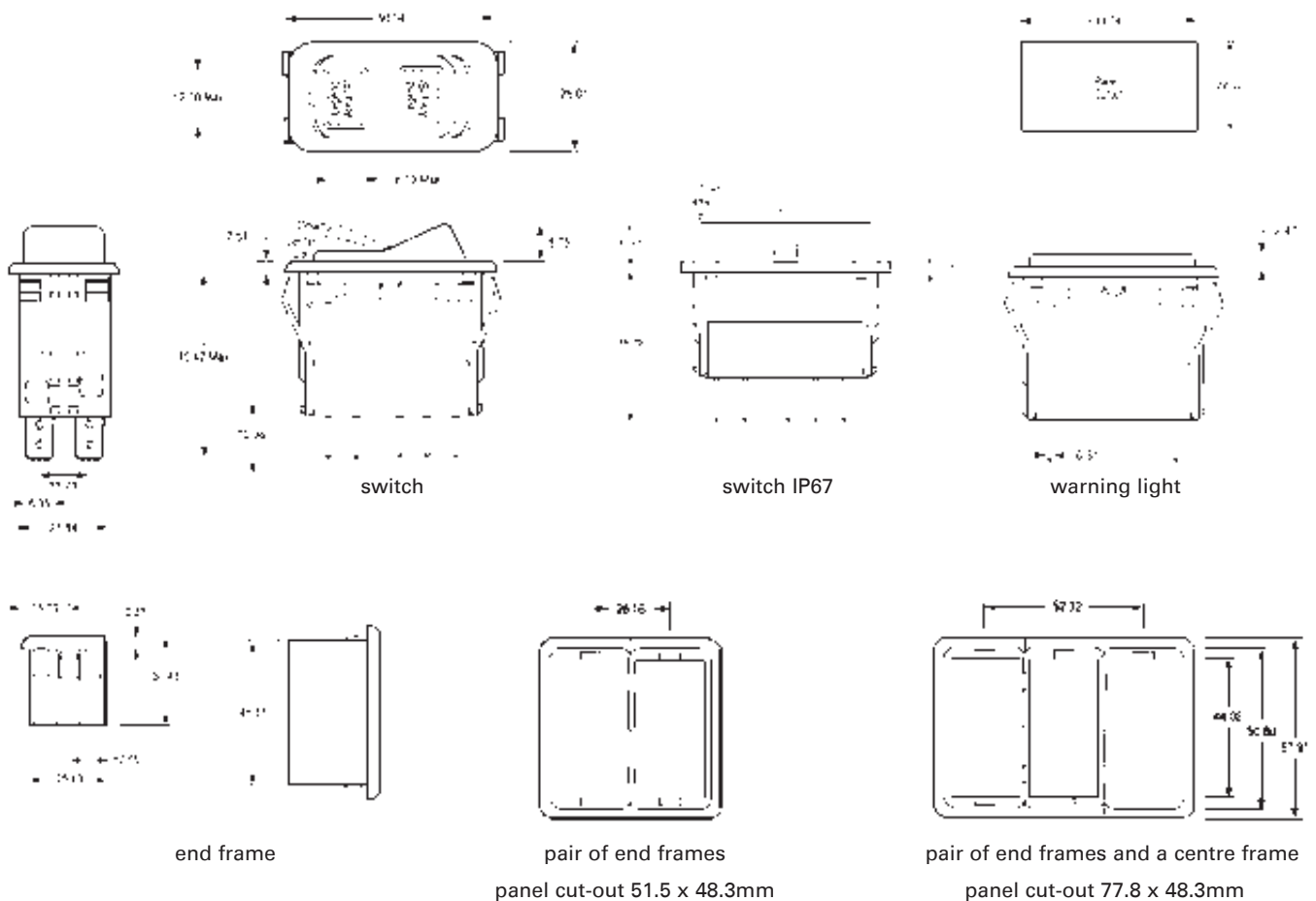
SWITCHES AND INDICATORS

Rocker switches with warning lights

A range of switches and complimentary warning lights offering a full range of functions within a contemporary ergonomic design. Choices of illumination, voltage, weather protection and lens legend allow the user to select the components needed to build the exact switch or warning light they require without compromise. Switches are rated 15A at 28V dc. The complete product can be accommodated in an industry standard panel cut out or ganged mounted on a choice of frames.



All switches are rated 15A at 28V dc.



SWITCHES AND INDICATORS

Rocker switches with warning lights

<u>Two position switch bodies</u>							
switch function	single pole	double pole	non illum.	one illum.	two illum.	sealed IP67	switch body number
Off/On	✓		✓				0-780-10
Off/On	✓			✓			0-780-11
Off/On		✓	✓				0-780-20
Off/On		✓		✓			0-780-21
Off/On		✓		✓		✓	0-780-23
Off/On*	✓		✓				0-781-10
Off/On*	✓			✓			0-781-11
Off/On*		✓	✓				0-781-20
Off/On*		✓		✓			0-781-21
Off/On*		✓		✓		✓	0-781-23
* = momentary							
Change Over	✓		✓				0-782-10
Change Over	✓				✓		0-782-12
Change Over		✓	✓				0-782-20
Change Over		✓			✓		0-782-22
Change Over		✓			✓	✓	0-782-23
Hazard	✓				✓		0-783-12
<u>Three position switch bodies</u>							
switch function	single pole	double pole	non illum.	one illum.	two illum.	sealed IP67	switch body number
On/Off/On	✓		✓				0-784-10
On/Off/On	✓				✓		0-784-12
On/Off/On		✓	✓				0-784-20
On/Off/On		✓			✓		0-784-22
On/Off/On		✓			✓	✓	0-784-23
On/Off/On*	✓		✓				0-785-10
On/Off/On*	✓				✓		0-785-12
On/Off/On*		✓	✓				0-785-20
On/Off/On*		✓			✓		0-785-22
On/Off/On*		✓			✓	✓	0-785-23
* = momentary							
On/Off/On	✓		✓				0-786-10
On/Off/On	✓				✓		0-786-12
On/Off/On		✓	✓				0-786-20
On/Off/On		✓			✓		0-786-22
On/Off/On		✓			✓	✓	0-786-23
* = momentary							
Off/A/A+B	✓		✓				0-787-10
Off/A/A+B	✓				✓		0-787-12
Off/A/A+B	✓				✓	✓	0-787-13
On/On/On	✓		✓				0-789-10
On/On/On	✓				✓		0-789-12
On/On/On	✓				✓	✓	0-789-13
Wiper	✓			✓			0-788-10
<u>Warning light bodies</u>							
warning lights			one illum.	two illum.		sealed IP67	warning light number
One hole			✓				0-794-01
Two hole				✓			0-794-02
Two hole				✓		✓	0-794-03

Switch and warning light components

bulbs	pk5
14V	0-778-12
28V	0-778-24
<u>gang mounting frames</u>	
end frames	0-793-00
middle frames	0-793-01
blanking plate	0-793-99

<u>switch rockers</u>	
no windows	0-779-00
one window (bottom)	0-779-01
two windows (top & bottom)	0-779-02

<u>warning light facia</u>	
one window	0-779-51
two windows	0-779-52
<u>terminal connector blocks complete with 12 terminals</u>	
connector	0-793-50

SWITCHES AND INDICATORS

Rocker switches with warning lights





























































Lenses come in two forms, 0-791-XX is a lens for the top half of a switch rocker or warning lamp facia, and 0-792-XX is a lens for the bottom half of a switch rocker or warning lamp facia.

5-791-XX / 5-792-XX

Single unit, as above.




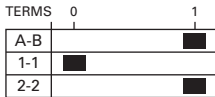









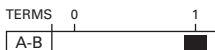


qty 5

qty 1

	windscreen wiper	0-79X-01		fan	0-79X-21		fuel tank change over	0-79X-41
	windscreen washer	0-79X-02		air conditioning	0-79X-22		liquid level warning	0-79X-42
	rear screen wiper	0-79X-03		heated seat	0-79X-23		fuel tank two	0-79X-43
	headlamp wiper/washer	0-79X-04		windscreen demist	0-79X-24		window lift	0-79X-44
	headlamp washer	0-79X-05		rear window demist	0-79X-25		power	0-79X-45
	side lights	0-79X-06		wing mirror demist	0-79X-26		ignition warning	0-79X-46
	headlamp main beam	0-79X-07		trailer warning	0-79X-27		winch	0-79X-47
	front fog lamps	0-79X-08		choke warning	0-79X-28		slow	0-79X-48
	rear fog lamps	0-79X-09		parking brake warning	0-79X-29		fast	0-79X-49
	front/rear work lamps	0-79X-10		ABS brake warning	0-79X-30		left	0-79X-50
	front work lamp	0-79X-11		trailer ABS warning	0-79X-31		right	0-79X-51
	rear work lamp	0-79X-12		brake warning	0-79X-32		on/one	0-79X-52
	5th wheel work lamp	0-79X-13		oil pressure warning	0-79X-33		rear window wiper/washer	0-79X-53
	lights	0-79X-14		horn	0-79X-34		rear window washer	0-79X-54
	interior lamps	0-79X-15		right/left	0-79X-35		lock	0-79X-55
	instrument lamps	0-79X-16		direction indicator	0-79X-36		unlock	0-79X-56
	reading lamp	0-79X-17		down/up	0-79X-37		amber	0-79X-90
	hazard beacon	0-79X-18		water temperature	0-79X-38		blue	0-79X-92
	hazard warning	0-79X-19		up/down	0-79X-39		green	0-79X-94
	diesel pre-heat	0-79X-20		fuel warning	0-79X-40		red	0-79X-95










SWITCHES AND INDICATORS

Battery isolators

Product	Part No	Description	Quantity
	0-605-00	Battery isolator with removable key and splashproof cover. Rated 100A at 24V and 500A for 5 seconds. M8 studs and requires 24mm hole.	1
		0-605-99	Replacement key for above.
	0-605-90	Battery isolator with removable key and splashproof cover. With independent ignition switching and controlled earth leakage through a resistor to avoid damage through load dumping. Rated 100A at 24V and 500A for 5 seconds. M10 studs.	1
		0-605-98	Replacement key for above.
	0-605-20	Battery isolator with removable key in the 'On' or 'Off' positions. Rated 100A at 24V, 500A for 5 seconds. M8 studs and 22.5mm hole. Supplied with 2 keys.	1
		0-605-19	Blank key.
	0-605-21	Battery isolator with removable key in the 'Off' position. Rated 75A at 24V, 200A for 5 seconds. M10 studs and requires 22.5mm hole. Supplied with 2 keys.	1
		0-605-19	Blank key.
	0-605-50	Battery isolator with removable key and splashproof cover. Rated 250A at 24V and 2500A for 5 seconds. M10 studs and requires 24mm hole.	1
		0-605-55	Replacement key for above.
	0-605-60	Battery isolator with fixed handle. Rated 250A at 24V and 2500A for 5 seconds. M10 studs and requires 30.5mm hole. Replaces Ford / Iveco 4822229.	1
			
	0-605-65	Battery isolator with removable key in the 'On' and 'Off' positions. Rated 250A at 24V and 2500A for 5 seconds. M10 studs and requires 30.5mm hole.	1
		0-605-64	Replacement key for above.
	0-605-61	Battery isolator with removable key in the 'Off' position. Rated 250A at 24V and 2500A for 5 seconds. M10 studs, requires 30mm hole. Supplied with 2 keys.	1
		0-605-19	Blank Key.









SWITCHES AND INDICATORS

Battery isolators

Product	Part No	Description	Quantity																				
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	0-605-11	Marine battery isolator with removeable control knob (in the off position). Rated at 300A continuous (1hr) at 48V dc and 1000A for 5 seconds. M10 studs. I 69 x w 77 x h 69mm. CE approved.	1														
TERMS	0	1																					
A-B		■																					
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> <td>1+2</td> <td>2</td> </tr> <tr> <td>A-1</td> <td></td> <td>■</td> <td></td> <td></td> </tr> <tr> <td>A-1-2</td> <td></td> <td></td> <td>■</td> <td></td> </tr> <tr> <td>A-2</td> <td></td> <td></td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	1+2	2	A-1		■			A-1-2			■		A-2				■	0-605-09	Marine battery isolator with removeable control knob (in the off position). Rated at 300A continuous (1hr) at 48V dc and 1000A for 5 seconds. Selects between batteries one, two, both or off. M10 studs. I 69 x w 77 x h 69mm. CE approved.	1
TERMS	0	1	1+2	2																			
A-1		■																					
A-1-2			■																				
A-2				■																			
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	0-605-12	Marine battery isolator with fixed control knob with padlock hole. Rated at 550A continuous (1hr) and 2500A for 5 seconds, max 48V dc. M12 studs. I 102 x w 90 x h 102mm. CE approved.	1														
TERMS	0	1																					
A-B		■																					
	New 0-605-22	Double pole battery isolator with fixed handle. Rated at 125A continuous at 125A per second and 500A for 15 seconds. 3/8" - 24 studs and requires 18.6mm hole.	1																				
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>A-B1</td> <td></td> <td>■</td> <td></td> <td></td> </tr> <tr> <td>A-B2</td> <td></td> <td></td> <td>■</td> <td></td> </tr> <tr> <td>A-B1+2</td> <td></td> <td></td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	2	3	A-B1		■			A-B2			■		A-B1+2				■	0-605-10	Marine battery isolator and change over switch with solid copper contacts. Rated 310A continuous and 500A for 5 minutes, max 36V dc. Selects between batteries one, two, both or off. M10 studs. I 160 x w 72 x h 160mm.	1
TERMS	0	1	2	3																			
A-B1		■																					
A-B2			■																				
A-B1+2				■																			
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	0-605-13	Marine battery isolator with removable key and splashproof cover. Rated 100A at 24V, 500A for 5 seconds. M10 studs and requires 22.5mm hole.	1														
TERMS	0	1																					
A-B		■																					
	0-605-97	Replacement blank key for above.	1																				
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>1-2</td> <td></td> <td>■</td> </tr> <tr> <td>3-4</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	1-2		■	3-4		■	0-605-26	Marine double pole battery isolator with fixed handle. Rated 250A at 24V and 2500A for 5 seconds. Connects or disconnects both poles simultaneously. M10 studs.	1											
TERMS	0	1																					
1-2		■																					
3-4		■																					
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>1-2</td> <td></td> <td>■</td> </tr> <tr> <td>3-4</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	1-2		■	3-4		■	0-605-51	Battery isolator, double pole with removable key and splashproof cover. Rated 250A at 24V and 2500A for 5 seconds. Connects or disconnects both poles simultaneously. Requires 24mm hole, M10 studs. Housing protected to IP66.	1											
TERMS	0	1																					
1-2		■																					
3-4		■																					
	0-605-55	Replacement key for above.	1																				
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>1-2</td> <td></td> <td>■</td> </tr> <tr> <td>3-4</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	1-2		■	3-4		■	0-605-25	Battery isolator, double pole with auxiliary circuit, remotely switched pneumatically. Rated at 250A continuous and 1000A for 5 seconds. M10 and M6 studs.	1											
TERMS	0	1																					
1-2		■																					
3-4		■																					





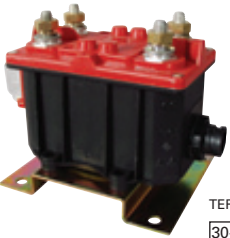

SWITCHES AND INDICATORS

Battery isolators

Product	Part No	Description	Quantity												
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> <tr> <td>A-C</td> <td>■</td> <td></td> </tr> </table>	TERMS	0	1	A-B		■	A-C	■		0-605-70	Battery change over switch with fixed handle, 2 position on/on for switching from one battery to another. Rated 250A at 24V and 2500A for 5 seconds. Studs M10 x 2, M12 x 1 and requires 26.5mm hole.	1			
TERMS	0	1													
A-B		■													
A-C	■														
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> <tr> <td>C-D</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	C-D		■	0-495-60	On/off, double pole switch with metal key. 6.3mm blade terminals. 12mm panel hole. Rated 20A at 12V.	1			
TERMS	0	1													
A-B		■													
C-D		■													
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> <tr> <td>C-D</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	C-D		■	0-495-99	Replacement key for above.	1			
TERMS	0	1													
A-B		■													
C-D		■													
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	0-605-01	Battery isolator. Rated 100A at 24V and 500A for 5 seconds. M10 studs and requires 19.5mm hole. Replaces SSB106	1						
TERMS	0	1													
A-B		■													
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	0-605-02	Battery isolator. Rated 100A at 24V and 500A for 5 seconds. M10 studs, requires 19.5mm hole and two 4mm fixing holes. Replaces SSB103.	1						
TERMS	0	1													
A-B		■													
 <table border="1"> <tr> <td>TERMS</td> <td>Clip on</td> <td>Knob press (clip on)</td> <td>Clip off</td> </tr> <tr> <td>C-C</td> <td></td> <td>■</td> <td>■</td> </tr> <tr> <td>M-M</td> <td>■</td> <td></td> <td></td> </tr> </table>	TERMS	Clip on	Knob press (clip on)	Clip off	C-C		■	■	M-M	■			0-605-41	Marine emergency cut-off switch with lanyard, cut-out can also be operated with lanyard clip in place by pressing knob, suitable for coil or magneto ignition. 6.3mm blade terminals, 16mm panel hole. Rated at 15A at 12V.	1
TERMS	Clip on	Knob press (clip on)	Clip off												
C-C		■	■												
M-M	■														
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	0-605-40	Emergency push button battery isolator. Turn button 45° to switch on, push to disconnect. Rated 130A at 48V and 500A for 10 seconds. M8 studs and requires 41mm hole. Protected to IP66.	1						
TERMS	0	1													
A-B		■													
 <table border="1"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>A-B</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	A-B		■	0-605-45	Emergency push button battery isolator. Turn button 180° to switch on, push to disconnect. Rated 250A at 24V and 2500A for 5 seconds. M10 studs and requires 66mm hole.	1						
TERMS	0	1													
A-B		■													


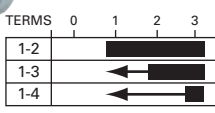

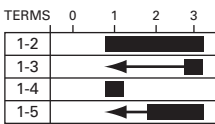

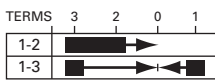

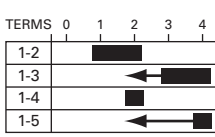

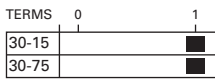

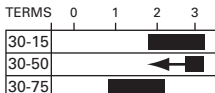
SWITCHES AND INDICATORS

Battery isolators | Remotely switched battery isolators

Product	Part No	Description	Quantity									
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TERMS	0	1										
30-30a		■										
 <table border="1" data-bbox="395 795 614 869"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>30-30a</td> <td></td> <td>■</td> </tr> <tr> <td>Aux</td> <td>■</td> <td></td> </tr> </table>	TERMS	0	1	30-30a		■	Aux	■		0-605-43	Battery isolator, 24V, single pole, with auxiliary circuit remotely switched electrically. Bosch 'U' type fixing bracket. Rated at 300A continuous, 600A for 20 seconds and 2400A for 1 seconds. M10 and M5 studs.	1
TERMS	0	1										
30-30a		■										
Aux	■											
 <table border="1" data-bbox="395 1052 614 1126"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>30-30a</td> <td></td> <td>■</td> </tr> <tr> <td>31-31a</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	30-30a		■	31-31a		■	0-605-32	Battery isolator, 12V, double pole, remotely switched electrically. Isolated return. Rated 250A at 24V and 2,500A for 5 seconds. Terminal sizes M10 and M5. Protected to IP65. CE approved.	1
TERMS	0	1										
30-30a		■										
31-31a		■										
	0-605-44	24V version of above.										
 <table border="1" data-bbox="395 1344 614 1400"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>31-31a</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	31-31a		■	0-605-31	Battery isolator, 24V, single pole remotely switched electrically. Automatically disconnects the negative pole if it senses a short circuit or overload. Rated 250A at 24V and 2,500A for 5 seconds. Meets ADR2003 regulations. Protected to IP65.	1			
TERMS	0	1										
31-31a		■										
	0-605-95	Additional emergency switch with integral LED indicator.	1									
 <table border="1" data-bbox="395 1646 614 1720"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>30-30a</td> <td></td> <td>■</td> </tr> <tr> <td>31-31a</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	30-30a		■	31-31a		■	0-605-46	Battery isolator, 24V, double pole, integral mechanical switch and remote electrical switch with 2 second emergency cut-off delay. Rated 250A continuous and 2,500A for 5 seconds. Meets ADR1999 regulations and complies with the requirements of Institute of Petroleum. Protected to IP65. Replaces SSB100/101/102.	1
TERMS	0	1										
30-30a		■										
31-31a		■										
	0-605-95	Additional emergency switch with integral LED indicator.	1									
 <table border="1" data-bbox="395 1993 614 2067"> <tr> <td>TERMS</td> <td>0</td> <td>1</td> </tr> <tr> <td>30-30a</td> <td></td> <td>■</td> </tr> <tr> <td>31-31a</td> <td></td> <td>■</td> </tr> </table>	TERMS	0	1	30-30a		■	31-31a		■	0-605-47	Battery isolator, 24V, double pole, remote electrical switch for the drivers cab with a 30 second delay cut-off and 10 second emergency delay. Rated 250A continuous and 2,500A for 5 seconds. Meets ADR2005 regulations and complies with the requirements of Institute of Petroleum. Protected to IP67.	1
TERMS	0	1										
30-30a		■										
31-31a		■										
	0-605-95	Additional emergency switch with integral LED indicator.	1									

SWITCHES AND INDICATORS

Ignition switches

Product	Part No	Description	Quantity
	0-351-06	4 position switch, off/ignition/pre-heat/heat start, 16mm diameter panel hole. Supplied with two keys. Replaces Lucas 34228, 35670.	1
	0-351-10	Replacement key for above.	1
			
	0-351-04	4 position switch, off/ignition/pre-heat/heat start, 16mm diameter panel hole. Supplied with two keys. Replaces Lucas 35327.	1
	0-351-10	Replacement key for above.	1
			
	0-351-07	4 position switch, start/off/pre-heat/heat start, 16mm diameter panel hole. Supplied with two keys. Replaces Lucas 35630.	1
	0-351-10	Replacement key for above.	1
			
	0-351-08	5 position switch, off/accessory/ignition/pre-heat/heat start, 19mm diameter panel hole. Supplied with two keys. Replaces Lucas 36614.	1
	0-351-10	Replacement key for above.	1
			
	0-351-01	2 position switch, off/on, 22mm diameter panel hole. Supplied with two universal keys.	1
	0-351-09	Spare universal key for above.	1
	0-351-02	Connecting socket with terminals for above.	1
	0-351-90	Splash-proof key slot cover for above.	1
			
	0-351-05	4 position switch, off/accessory/ignition/start, 22mm diameter panel hole. Supplied with two universal keys.	1
	0-351-09	Spare universal key for above.	1
	0-351-02	Connecting socket with terminals for above.	1
	0-351-90	Splash-proof key slot cover for above.	1
			

SWITCHES AND INDICATORS

Ignition switches

Product	Part No	Description	Quantity																																				
	0-351-03	4 position switch, park/off/ignition/start, 19mm diameter panel hole. Supplied with two unique keys.	1																																				
	0-351-14	Spare blank key for above.	1																																				
		<table border="1"> <thead> <tr> <th>TERMS</th> <th>P</th> <th>0</th> <th>1</th> <th>2</th> </tr> </thead> <tbody> <tr> <td>30-P</td> <td>█</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30-15</td> <td></td> <td></td> <td>█</td> <td>█</td> </tr> <tr> <td>30-15a</td> <td></td> <td></td> <td>█</td> <td></td> </tr> <tr> <td>30-50</td> <td></td> <td></td> <td>←</td> <td>█</td> </tr> </tbody> </table>	TERMS	P	0	1	2	30-P	█				30-15			█	█	30-15a			█		30-50			←	█												
TERMS	P	0	1	2																																			
30-P	█																																						
30-15			█	█																																			
30-15a			█																																				
30-50			←	█																																			
	0-351-51	4 position switch, accessory/off/accessory and ignition/start, 26mm diameter panel hole. Protected to DIN40050 IP64. Supplied with two shrouded unique keys.	1																																				
	0-351-11	Spare blank key for above.	1																																				
	0-351-52	Connecting socket with terminals for above.	1																																				
	0-351-60	Rear splash-proof cover for above.	1																																				
		<table border="1"> <thead> <tr> <th>TERMS</th> <th>P</th> <th>0</th> <th>1</th> <th>2</th> </tr> </thead> <tbody> <tr> <td>30-58</td> <td>█</td> <td></td> <td></td> <td>█</td> </tr> <tr> <td>30-15/54</td> <td></td> <td></td> <td>█</td> <td>█</td> </tr> <tr> <td>30-50a</td> <td></td> <td></td> <td>←</td> <td>█</td> </tr> </tbody> </table>	TERMS	P	0	1	2	30-58	█			█	30-15/54			█	█	30-50a			←	█																	
TERMS	P	0	1	2																																			
30-58	█			█																																			
30-15/54			█	█																																			
30-50a			←	█																																			
	0-351-55	5 position switch, accessory/off/accessory and ignition/pre-heat/start, 26mm diameter panel hole. Protected to DIN40050, IP64. Supplied with two shrouded unique keys.	1																																				
	0-351-11	Spare blank key for above.	1																																				
	0-351-56	Switch as above but with single common 14607 keys.	1																																				
	0-351-59	Spare 14607 key for above.	1																																				
	0-351-52	Connecting socket with terminals for above.	1																																				
	0-351-60	Rear splash-proof cover for above.	1																																				
		<table border="1"> <thead> <tr> <th>TERMS</th> <th>P</th> <th>0</th> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>30-58</td> <td>█</td> <td></td> <td></td> <td>█</td> <td></td> </tr> <tr> <td>30-15/54</td> <td></td> <td></td> <td>█</td> <td>█</td> <td>█</td> </tr> <tr> <td>30-19</td> <td></td> <td></td> <td>←</td> <td>█</td> <td></td> </tr> <tr> <td>30-17</td> <td></td> <td></td> <td>←</td> <td>█</td> <td></td> </tr> <tr> <td>30-50a</td> <td></td> <td></td> <td>←</td> <td>█</td> <td></td> </tr> </tbody> </table>	TERMS	P	0	1	2	3	30-58	█			█		30-15/54			█	█	█	30-19			←	█		30-17			←	█		30-50a			←	█		
TERMS	P	0	1	2	3																																		
30-58	█			█																																			
30-15/54			█	█	█																																		
30-19			←	█																																			
30-17			←	█																																			
30-50a			←	█																																			
	0-351-12	6 position ignition and light switch, side/off/ignition /side/dip/main beam, screw terminals, 26mm diameter panel hole. Supplied with two universal keys.	1																																				
	0-351-13	Spare key for above.	1																																				
		<table border="1"> <thead> <tr> <th>TERMS</th> <th>P</th> <th>0</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <td>30-15</td> <td></td> <td></td> <td>█</td> <td>█</td> <td>█</td> <td>█</td> </tr> <tr> <td>30-58</td> <td>█</td> <td></td> <td></td> <td>█</td> <td>█</td> <td></td> </tr> <tr> <td>30-15b</td> <td></td> <td></td> <td></td> <td>█</td> <td></td> <td></td> </tr> <tr> <td>30-56a</td> <td></td> <td></td> <td></td> <td></td> <td>█</td> <td></td> </tr> </tbody> </table>	TERMS	P	0	1	2	3	4	30-15			█	█	█	█	30-58	█			█	█		30-15b				█			30-56a					█			
TERMS	P	0	1	2	3	4																																	
30-15			█	█	█	█																																	
30-58	█			█	█																																		
30-15b				█																																			
30-56a					█																																		

SWITCHES AND INDICATORS

Push button controls

Product	Part No	Description	Quantity
	0-657-01	Emergency stop button, single pole, normally closed contact. Operated by mushroom push button, turn to reset. Protected to IP 65. Schneider Electric reference XAL-K178.	1
	0-657-02	Two button, single pole, normally open contacts. Operated by spring return push buttons. Protected to IP 65. Schneider Electric reference XAL-D222.	1
	0-657-03	Three button, single pole, two normally open and one normally closed contacts. Operated by spring return push buttons. Protected to IP 65. Schneider Electric reference XAL-D324.	1
	0-657-00	Two button, pendant polypropylene pistol grip with mechanically interlocked switches. Two single pole, normally open contacts. Protected to IP 65. Schneider Electric reference XAC-A201.	1
	0-657-11	Single button housing, fitted with contact block mounting plate. Schneider Electric reference XAL-D01.	1
	0-657-12	Two button housing, fitted with contact block mounting plate. Schneider Electric reference XAL-D02.	1
	0-657-13	Three button housing, fitted with contact block mounting plate. Schneider Electric reference XAL-D03.	1

SWITCHES AND INDICATORS

Push button controls

Product	Part No	Description	Quantity
	0-657-31	Flush push button, spring return. Schneider Electric reference ZB5-AA334.	1
	0-657-32	Flush push button, spring return. Schneider Electric reference ZB5-AA335.	1
	0-657-30	Flush push button, spring return. Schneider Electric reference ZB5-AA432.	1
	0-657-50	Clear boot for use with flush push button range above, increases protection to IP66. Schneider Electric reference ZBP-0.	1
	0-657-40	Two position, on/off or change over, rotary switch. Schneider Electric reference ZB5-AD2.	1
	0-657-39	On/off security isolator. Can be locked on or locked off. Key removable in both positions. Supplied with 2 keys. Schneider Electric reference ZB5-AG4.	1
	0-657-37	Push button security isolator, 40mm mushroom head. Twist to release. Schneider Electric reference ZB5-AS844.	1
	0-657-38	Push off security isolator. Key release only. Supplied with 2 keys. Schneider Electric reference ZB5-AS934.	1
	0-657-99	Plastic spanner for tightening push button and key switch nuts. Schneider Electric reference ZB5-AZ905.	1
	0-657-20	Switch block, single pole normally open, rated at 0.4A at 24V dc. SchneiderElectric reference ZEN-L1111.	1
	0-657-21	Switch block, single pole normally closed, rated at 0.4A at 24V dc. Scheider Electric reference ZEN-L1121.	1
	0-657-22	Switch block, single pole for pendant, normally open, rated at 0.4A at 24V dc. Schneider Electric reference ZB2-BE101.	1

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4

CABLE AND WIRING ACCESSORIES























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CABLE AND WIRING ACCESSORIES
















Pre-insulated terminals

	conductor size 0.5 1.5mm ² 9 21/0.30mm		conductor size 1.5 2.5mm ² 21 35/0.30mm		conductor size 3.0 6.0mm ² 44 84/0.30mm	
3.70 mm ring *		0-001-01 qty 50		0-001-05 qty 50		
5.30 mm ring *		0-001-02 qty 50		0-001-06 qty 50		0-001-23 qty 50
6.40 mm ring *		0-001-20 qty 50		0-001-21 qty 50		0-001-22 qty 50
8.00 mm ring *		0-001-48 qty 50		0-001-45 qty 50		0-001-12 qty 50
10.50 mm ring *						0-001-25 qty 50
13.00 mm ring *						0-001-39 qty 50
3.70 mm fork *		0-001-03 qty 50		0-001-07 qty 50		
5.30 mm fork *		0-001-04 qty 50		0-001-08 qty 50		
6.30 mm blade		0-001-26 qty 50		0-001-13 qty 50		0-001-28 qty 50

types marked * are solid copper, all others are solid brass and have copper insulation support sleeve.

CABLE AND WIRING ACCESSORIES

















Pre-insulated terminals

	conductor size 0.5 1.5mm ² 9 21/0.30mm	conductor size 1.5 2.5mm ² 21 35/0.30mm	conductor size 3.0 6.0mm ² 44 84/0.30mm
2.80 mm push-on	 0-001-30 qty 50		
4.80 mm push-on	 0-001-34 qty 50	 0-001-29 qty 50	
6.30 mm push-on	 0-001-09 qty 50	 0-001-17 qty 50	 0-001-18 qty 50
8.00 mm push-on		 0-001-40 qty 50	
9.50 mm push-on			 0-001-19 qty 50
6.30 mm piggy-back	 0-001-33 qty 50	 0-001-15 qty 50	
4.80 mm insulated push-on	 0-001-52 qty 50		
6.30 mm insulated push-on	 0-001-41 qty 50	 0-001-27 qty 50	 0-001-46 qty 50
9.50 mm insulated push-on			 0-001-47 qty 50

types marked * are solid copper, all others are solid brass and have copper insulation support sleeve.

CABLE AND WIRING ACCESSORIES















Pre-insulated terminals | Adhesive heat shrink terminals

	conductor size 0.5 1.5mm ² 9 21/0.30mm	conductor size 1.5 2.5mm ² 21 35/0.30mm	conductor size 3.0 6.0mm ² 44 84/0.30mm
1.90 mm pin *	 0-001-42 qty 50	 0-001-43 qty 50	
2.90 mm pin *			 0-001-44 qty 50
4.00 mm nipple	 0-001-36 qty 50		
4.70 mm nipple		 0-001-14 qty 50	
5.00 mm nipple		 0-001-32 qty 50	 0-001-37 qty 50
4.00 mm receptacle	 0-001-35 qty 50		
5.00 mm receptacle		 0-001-31 qty 50	 0-001-38 qty 50
butt connector *	 0-001-10 qty 50	 0-001-11 qty 50	 0-001-16 qty 50
butt connector, adhesive heat-shrink *	 0-001-49 qty 50	 0-001-50 qty 50	 0-001-51 qty 50



types marked * are solid copper, all others are solid brass and have copper insulation support sleeve.

CABLE AND WIRING ACCESSORIES

Multiple connectors

'Mate n Lock' 2.00mm male housing		'Mate n Lock' 2.00mm female housing	
	0-013-01 1 way qty 5		0-013-11 1 way qty 5
	0-013-02 2 way qty 5		0-013-12 2 way qty 5
	0-013-03 3 way qty 5		0-013-13 3 way qty 5
	0-013-04 6 way qty 5		0-013-14 6 way qty 5
	0-013-05 9 way qty 5		0-013-15 9 way qty 5
	0-013-06 12 way qty 5		0-013-16 12 way qty 5
	0-013-07 15 way qty 5		0-013-17 15 way qty 5

Terminals are not supplied with connectors and must be ordered separately

	0-013-21 2.00mm pin with locking tag for 0.50-2.50mm ² cable. qty 50		0-013-23 2.00mm receptacle with locking tag for 0.50-2.50mm ² cable. qty 50
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CABLE AND WIRING ACCESSORIES

Multiple connectors

6.3mm male blade housing

6.3mm female receptacle housing



0-011-01 1 way **qty 5**



0-011-10 1 way **qty 5**



0-011-02 2 way **qty 5**



0-011-12 2 way **qty 5**



0-011-03 2 way **qty 5**



0-011-13 2 way **qty 5**



0-011-04 3 way **qty 5**



0-011-14 3 way **qty 5**



0-011-05 4 way **qty 5**



0-011-15 4 way **qty 5**



0-011-06 6 way **qty 5**



0-011-16 6 way **qty 5**



0-011-07 8 way **qty 5**



0-011-17 8 way **qty 5**



0-011-08 11 way **qty 5**



0-011-18 11 way **qty 5**

Terminals are not supplied with connectors and must be ordered separately



0-011-21 6.30mm blade with locking tag for 0.65-1.00mm² cable. **qty 50**



0-011-23 6.30mm push-on with locking tag for 0.65-1.00mm² cable. **qty 50**
















0-011-22 6.30mm blade with locking tag for 1.00-2.50mm² cable. **qty 50**



0-011-24 6.30mm push-on with locking tag for 1.00-2.50mm² cable. **qty 50**

CABLE AND WIRING ACCESSORIES

Multiple connectors

Product	Part No	Description	Quantity
	0-012-42	'Econosea' 2 way waterproof male connector. Supplied with sea s and terminals.	1
	0-012-52	'Econosea' 2 way waterproof female connector. Supplied with sea s and terminals.	1
	0-012-43	'Econosea' 3 way waterproof male connector. Supplied with sea s and terminals.	1
	0-012-53	'Econosea' 3 way waterproof female connector. Supplied with sea s and terminals.	1
	0-012-61	'Junior timer' 2 way male connector. Supplied with terminals.	1
	0-012-71	'Junior timer' 2 way connector. Supplied with cable boot and terminals.	1
	0-012-62	'Junior power timer' 2 way male connector. Supplied with cable sea s and terminals.	1
	0-012-72	'Junior power timer' 2 way connector. Supplied with cable sea s and terminals.	1
	0-012-73	'Junior power timer' 3 way connector. Supplied with cable sea s and terminals.	1
	0-012-74	'Junior power timer' 4 way connector. Supplied with cable sea s and terminals.	1
	0-012-75	'Junior power timer' 5 way connector. Supplied with cable sea s and terminals.	1
	0-012-76	'Junior power timer' 6 way connector. Supplied with cable sea s and terminals.	1
	0-012-77	'Junior timer' 7 way connector. Supplied with cable boot and terminals.	1

CABLE AND WIRING ACCESSORIES

Multiple connectors

1.5mm male blade housing supplied with terminals and seals.



0-011-51 1 way qty 1
'Supersea'



0-011-52 2 way qty 1
'Supersea'



0-011-53 3 way qty 1
'Supersea'



0-011-54 4 way qty 1
'Supersea'



0-011-55 5 way qty 1
'Supersea'



0-011-56 6 way qty 1
'Supersea'

2.8mm male blade housing supplied with terminals and seals.



0-011-71 1 way qty 1
'De phi'



0-011-72 2 way qty 1
'De phi'



0-011-73 3 way qty 1
'De phi'

1.5mm female receptacle housing supplied with terminals and seals.



0-011-61 1 way qty 1
'Supersea'



0-011-62 2 way qty 1
'Supersea'



0-011-63 3 way qty 1
'Supersea'



0-011-64 4 way qty 1
'Supersea'



0-011-65 5 way qty 1
'Supersea'



0-011-66 6 way qty 1
'Supersea'

2.8mm female receptacle housing supplied with terminals and seals.



0-011-81 1 way qty 1
'De phi'



0-011-82 2 way qty 1
'De phi'



0-011-83 3 way qty 1
'De phi'

6.3mm female receptacle housing supplied with terminals and seals.



0-011-99 2 way qty 1

CABLE AND WIRING ACCESSORIES

Multiple connectors








Product	Part No	Description	Quantity
	0-012-92	'Packard' timer connector 2 way. Supp ied with cab e sea s and termina s.	1
	0-012-93	'Packard' timer connector 3 way. Supp ied with cab e sea s and termina s.	1
	0-326-51	M24 DIN Sch emmer 2 way connector, b ack and grey ny on 90°. Supp ied with termina s and sea s for use on 10NW tubing.	1
	0-326-52	M27 version of above.	1
	0-326-53	In line DIN Sch emmer 4 way socket connector, b ack ny on for use with 10NW tubing. Supp ied with termina s and sea s.	1
	0-326-54	90° version of above.	1
	0-326-55	Ma e DIN Sch emmer 5 way p ug connector, b ack ny on for use with 10NW tubing. Supp ied with termina s and sea s.	1
	0-326-56	Fema e socket of above.	1
	0-326-57	Sch emmer type 7 way socket connector, b ack ny on, for use with 10NW tubing. Supp ied with termina s and sea s. (fits some Vo vo and Mercedes amps).	1
	0-326-58	Sch emmer type 8 po e version of above, (fits some MAN amps).	1

CABLE AND WIRING ACCESSORIES

Terminals | Insulators | Connectors


	0-006-10 Terminal for spark plug qty 25		0-006-13 Terminal for distributor cap qty 25 5-006-13 qty 10		0-006-03 Terminal for distributor cap qty 25
			0-009-11 Insulator for distributor cap qty 25		0-009-12 Insulator for coil qty 25
	0-009-03 Insulator for 0 006 10 qty 25		0-009-10 Insulator for 0 006 13 qty 25 5-009-10 qty 10		0-003-40 Cable entry 6mm Terminal hole 11mm diameter qty 25
	0-003-50 Cable entry 8mm Terminal hole 15mm diameter qty 25		0-003-60 Cable entry 8 x 14mm Terminal hole 21mm diameter qty 10		0-003-70 Back, cable 8mm Terminal 17mm 0-003-75 Red version qty 10
	0-003-80 Back, cable 13mm Terminal 17mm 0-003-85 Red version qty 10				0-001-90 Solder adhesive heat shrink butt connector 0.20 0.75mm ² qty 10
	0-001-91 Solder adhesive heat shrink butt connector 0.60 2.00mm ² qty 10		0-001-92 Solder adhesive heat shrink butt connector 1.80 2.50mm ² qty 10		0-001-93 Solder adhesive heat shrink butt connector 2.40 4.50mm ² qty 10
	0-560-04 "Scotch ok" for 0.65 1.5mm ² cables. qty 50		0-560-02 "Scotch ok" for 1.00 2.00mm ² cables. qty 50		0-005-61 "Scotch ok" for 3.00 4.50mm ² cables. 0.65 2.00mm ² cable. qty 25

Tinned solid copper cable sockets. Select cable diameter and stud size from the table below. Supplied in **pk10**.

	Cable dia	Cable CSA	Stud sizes in mm							
			5	6	8	10	12	14	16	
	4.4mm	10mm ²	0-008-21	0-008-22	0-008-23	0-008-24	0-008-25			
	5.6mm	16mm ²		0-008-32	0-008-33	0-008-34	0-008-35			
	7.0mm	25mm ²		0-008-42	0-008-43	0-008-44	0-008-45			
	8.2mm	35mm ²		0-008-52	0-008-53	0-008-54	0-008-55			
	9.5mm	50mm ²		0-008-62	0-008-63	0-008-64	0-008-65	0-008-66		
	11.5mm	70mm ²			0-008-73	0-008-74	0-008-75	0-008-76	0-008-77	
	13.5mm	95mm ²				0-008-84	0-008-85	0-008-86	0-008-87	

CABLE AND WIRING ACCESSORIES

Terminals

	<p>0-005-39 Cr mp n pp e for 0 65mm² cab e</p> <p>qty 100</p>		<p>0-005-40 Cr mp n pp e for 1 00mm² cab e</p> <p>qty 100</p>		<p>0-005-41 Cr mp n pp e for 2 00mm² cab e</p> <p>qty 100</p>
	<p>0-004-70 So der n pp e for 3 00mm² cab e</p> <p>qty 100</p>		<p>0-004-71 S ng e connector for n pp es</p> <p>qty 50</p>		<p>0-004-72 Doub e connector for n pp es</p> <p>qty 25</p>
	<p>0-005-16 2 80mm push on w th ock ng tag for 0 50 1 00mm² cab e</p> <p>qty 50</p>		<p>0-005-18 4 80mm push on w th ock ng tag for 1 00 2 50mm² cab e</p> <p>qty 50</p>		<p>0-005-28 6 30mm b ade, 5 00mm ho e</p> <p>qty 50</p>
	<p>0-011-21 6 30mm b ade w th ock ng tag for 0 65 1 00mm² cab e</p> <p>qty 50</p>		<p>0-011-22 6 30mm b ade w th ock ng tag for 1 00 2 50mm² cab e</p> <p>qty 50</p>		<p>0-005-27 6 30mm b ade for 0 50 2 00mm² cab e</p> <p>qty 50</p>
	<p>0-011-23 6 30mm push on w th ock ng tag for 0 65 1 00mm² cab e</p> <p>qty 50</p>		<p>0-011-24 6 30mm push on w th ock ng tag for 1 00 2 50mm² cab e</p> <p>qty 50</p>		<p>0-005-20 6 30mm push on for 1 00 2 50mm² cab e</p> <p>qty 50</p>
	<p>0-005-29 6 30mm push on w th h gh current shoe for 2 50 4 00mm² cab e</p> <p>qty 50</p>		<p>0-005-12 6 30mm p ggy back push on for 2 00 2 50mm² cab e</p> <p>qty 50</p>		<p>0-005-32 6 30mm b ade adaptor</p> <p>qty 50</p>
	<p>0-005-22 9 50mm push on for 4 00 6 00mm² cab e</p> <p>qty 50</p>		<p>0-005-24 9 50mm push on w th ock ng tag for 6 00 0 00mm² cab e.</p> <p>qty 50</p>		<p>0-005-34 6 30mm doub e b ade 3 70mm ho e</p> <p>qty 50</p>
	<p>0-005-30 6 30mm push on 1 00 2 50mm² cab e</p> <p>qty 50</p>		<p>0-005-13 8 00mm push on w th ock ng tag for 1 50 2 50mm² cab e</p> <p>qty 50</p>		
	<p>0-005-35 6 30mm b ade x 6 4 10mm ho es</p> <p>qty 50</p>				

CABLE AND WIRING ACCESSORIES

Terminals | Insulators

 <p>New 0-005-19 C ear nsu ator 4 80mm</p> <p>qty 50</p>	 <p>New 0-005-21 C ear nsu ator 6 30mm</p> <p>qty 50</p>	 <p>0-005-26 Wh te post f t nsu ator 6 30mm</p> <p>qty 50</p>
 <p>New 0-005-23 C ear nsu ator 9 50mm</p> <p>qty 25</p>	 <p>New 0-005-31 C ear nsu ator for 6 30mm f ag</p> <p>qty 50</p>	 <p>0-005-37 C ear nsu ator for 9 50mm f ag</p> <p>qty 50</p>
 <p>0-005-14 3 00mm bu khead fema e socket for 1 00 2 50mm² cab e</p> <p>qty 50</p>	 <p>0-005-10 3 00mm bu khead ma e p n for 1 00 2 50mm² cab e</p> <p>qty 50</p>	 <p>0-004-74 4 70mm term na w th s eeve for Ford co</p> <p>qty 50</p>
 <p>0-005-15 2 00mm bu khead fema e socket for 1 00 2 50mm² cab e</p> <p>qty 50</p>	 <p>0-005-11 2 00mm bu khead ma e p n for 1 00 2 50mm² cab e</p> <p>qty 50</p>	 <p>0-005-47 4 70mm term na 0 5 1 00mm² cab e</p> <p>0-005-48 1 0 2 50mm² cab e</p> <p>qty 50</p>
 <p>0-010-47 3 80mm r ng for 6 00mm² cab e</p> <p>qty 50</p>	 <p>0-010-41 5 00mm r ng for 3 00mm² cab e</p> <p>qty 50</p>	 <p>0-010-51 5 30mm r ng for 4 50mm² cab e</p> <p>qty 50</p>
 <p>0-010-52 5 50mm r ng for 10 00mm² cab e</p> <p>qty 50</p>	 <p>0-010-53 6 50mm r ng for 7 00mm² cab e</p> <p>qty 50</p>	 <p>0-010-55 8 00mm r ng for 10 00mm² cab e</p> <p>qty 50</p>
 <p>0-010-40 9 80mm r ng for 10 00mm² cab e</p> <p>qty 50</p>	 <p>0-010-54 9 50mm r ng for 10 00mm² cab e</p> <p>qty 50</p>	 <p>0-003-61 10 10mm ho e for 9 5mm d ameter conductor</p> <p>qty 10</p>
 <p>0-002-62 9 50mm ho e for 7 9mm d ameter conductor MOD 5940 99 400 8491</p> <p>qty 25</p>	 <p>0-003-51 13 50mm ho e 9 50mm d ameter conductor</p> <p>qty 25</p>	 <p>0-003-53 Ford type 6 30mm ho e for 9 5mm d ameter conductor</p> <p>qty 25</p>
 <p>0-003-52 7 90mm ho e 7 10mm d ameter conductor</p> <p>qty 25</p>	 <p>0-003-57 10 00mm ho e 8mm d ameter conductor</p> <p>qty 25</p>	 <p>0-003-54 6 00mm ho e 7 10mm d ameter conductor</p> <p>qty 25</p>

CABLE AND WIRING ACCESSORIES

Connectors | Bus bars | Junction boxes

Product	Part No	Description	Quantity
	0-466-00	Cable connector, solid brass body, with four grub screws and heat shrinkable, polyethylene sleeving. For cables up to 25mm ² .	10
	0-466-01	As above, for cables up to 40mm ² .	10
	0-466-50	Back mounted insulated housing for cables up to 25mm ² . Contains 2 x M8 studs.	1
	0-005-38	Terminal block 7 way, 2 x 5.4mm diameter, 5 x 4mm diameter. Single fixing hole, 3.2mm diameter.	1
	0-005-52	Terminal block, phenolic base, 25A, 2 x 4 way, 6.3mm common plated brass blade terminals. 12 x w 50 x h 22mm.	1
	0-005-53	Terminal block, phenolic base, 25A, 3 x 6 way, 6.3mm common plated brass blade terminals. 28 x w 50 x h 22mm.	1
	0-005-50	Bus bar, 100A, tin plated copper bar with 2 stainless steel 3/16" UNF studs and 5 screws. ABS insulating base with recessed 5mm mounting holes.	1
	0-005-55	As above but 150A, with 10 screws.	1
	0-005-51	Bus bar, 100A, tin plated copper bar with 4 stainless steel 3/16" UNF studs. ABS insulating base with recessed 5mm mounting holes.	1
	0-005-56	As above but 150A, with 4 stainless steel 1/4" UNF studs.	1
	0-697-00	Junction box, 8 way, black phenolic body and lid, with waterproof cable glands at each end. Lid has waterproof gasket around, and is secured by a single knurled screw. 147 x w 73 x h 43mm.	1

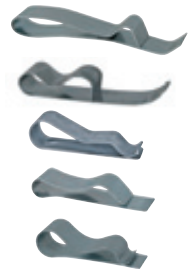

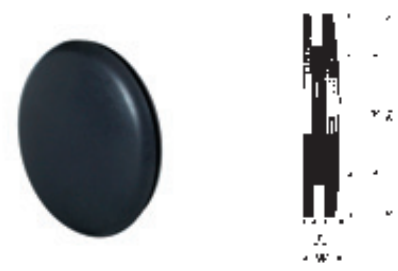
CABLE AND WIRING ACCESSORIES

High current connectors

Product	Part No	Description	Quantity
	0-431-05	High current connector, Grey polycarbonate housing with silver plated solid copper terminals. Rated 50A.	1
	0-431-75	Rated 175A.	1
	0-431-35	Rated 350A.	1
	0-432-05	High current connector, Red polycarbonate housing with silver plated solid copper terminals. Rated 50A.	1
	0-432-75	Rated 175A.	1
	0-432-35	Rated 350A.	1
	0-431-98	Polycarbonate handle for 0-431-05 and 0-432-05.	1
	0-431-99	Polycarbonate handle for 0-431-75/35 and 0-432-75/35.	1
	0-431-85	Protective connector/cable cover, moulded in black PVC for 50A connector.	1
	0-431-87	As above for 175A connector.	1
	0-431-83	As above for 350A connector.	1
	0-431-95	Cover for 50A connector.	1
	0-431-97	Cover for 175A connector.	1
	0-431-93	Cover for 350A connector.	1
	0-014-01	High current 30A connector, polycarbonate with silver plated solid copper terminals. Can be ganged together. Black.	10
	0-014-02	Blue.	10
	0-014-05	Red.	10
	0-014-08	Yellow.	10
	0-014-51	High current 75A connector, polycarbonate with silver plated solid copper terminals. Can be ganged together. Black.	2
	0-014-55	Red.	2
	0-012-01	Single high current connector rated 75A at 12V.	1
	0-012-02	A double non-reversible version of the above.	1








CABLE AND WIRING ACCESSORIES

Connectors | Grommets | Chassis clips | Cable clips

Product	Part No	Description	Quantity			
		Nylon on cable connector strip with steel screws and insert.	10			
	0-598-00	5A for 2.5mm ² cable. Strip of 12.				
	0-596-00	10A for 4.6mm ² cable. Strip of 12.				
	0-688-00	25A for 10mm ² cable. Strip of 12.				
	0-689-00	50A for 16mm ² cable. Strip of 12.				
	0-675-00	Nylon on cable connector strip 15A for 6.3mm brass push on terminals. Strip of 12.	10			
		Chassis clips, zinc plated spring steel.	25			
	0-004-76	66 x 12.7mm				
	0-004-75	56 x 12.7mm				
	0-004-77	41 x 12.7mm				
	0-004-79	40 x 12.7mm				
	0-004-80	30 x 12.7mm				
		"P" clip, nylon, adjustable with 5mm fixing hole.	25			
		White	Black			
	0-002-71	0-002-91	For 4.6mm diameter cable.			
	0-002-72	0-002-92	For 6.9mm diameter cable.			
	0-002-73	0-002-93	For 9.14mm diameter cable.			
	0-002-74	0-002-94	For 14.22mm diameter cable.			
	0-002-75	0-002-95	For 22.30mm diameter cable.			
		"P" clip, solid brass.	25			
	0-002-66	For cable up to 5mm diameter, 3.2mm fixing hole.				
	0-002-67	For cable up to 10mm diameter, 4.2mm fixing hole.				
	0-002-63	For cable up to 15mm diameter, 5mm fixing hole.				
	0-002-64	For cable up to 20mm diameter, 6.4mm fixing hole.				
	0-003-58	For cable up to 22mm diameter, 5mm fixing hole.				
	0-003-59	For cable up to 25mm diameter, 5mm fixing hole.				
		"P" clip, zinc plated steel and TPE inner, fixing 6.6mm.	25			
	0-002-81	For cable up to 5mm diameter.				
	0-002-82	For cable up to 8mm diameter.				
	0-002-83	For cable up to 10mm diameter.				
	0-002-84	For cable up to 13mm diameter.				
	0-002-85	For cable up to 16mm diameter.				
	0-002-86	For cable up to 21mm diameter.				
	0-002-87	For cable up to 25mm diameter.				
	0-002-88	For cable up to 32mm diameter.				
			Black PVC blanking grommets (sizes in mm).			
0-452-23		9.52	6.35	1.57	4.74	100
0-452-24		15.87	9.52	1.57	7.13	100
0-452-25		19.05	12.70	1.57	7.13	100
0-452-26		22.22	15.87	1.57	7.92	100
0-452-16		25.40	19.05	1.57	7.92	25
0-452-18		28.57	22.22	1.57	9.52	25
0-452-19		31.75	25.40	1.57	8.71	25
0-452-20		38.10	31.75	1.57	7.14	10
0-452-21		44.45	38.10	1.57	7.92	10
0-452-00		Assorted sized blanking grommets. Each contains:				100
		0 452 16 x 5	0 452 19 x 10	0 452 24 x 20		
	0 452 18 x 5	0 452 23 x 20	0 452 25 x 20			
			0 452 26 x 20			


CABLE AND WIRING ACCESSORIES


Cable ties | Cable clips | Grommets


Product	Part No	Description	Quantity				
		Standard nylon on 6.6 cable ties.	100				
		White	Black				
	0-002-30	0-002-52	100 x 2.5mm.				
	0-002-31	0-002-50	120 x 4.8mm.				
	0-002-32	0-002-53	160 x 2.5mm.				
	0-002-33	0-002-54	200 x 2.5mm.				
	0-002-34	0-002-65	250 x 4.8mm.				
	0-002-35	0-002-55	295 x 3.6mm.				
	0-002-36	0-002-56	370 x 4.8mm.				
	0-002-37	0-002-57	450 x 8.0mm.				
	0-002-38	0-002-68	550 x 8.0mm.				
0-002-39	0-002-69	762 x 9.0mm.					
		White nylon on 6.6 cable ties with stainless steel tongue.	25				
	0-002-58	140 x 3.5mm.					
	0-002-59	187 x 4.7mm.					
	0-002-60	197 x 4.7mm with fastening eye.					
		Adhesive backed fixing base for cable ties up to 5mm wide. Base 28 x 28mm.	25				
	0-002-41	Moulded black nylon.					
0-002-51	Moulded white nylon.						
		Fixing base for cable ties up to 5mm wide.	25				
	0-002-42	Moulded black nylon, 19 x 9.5mm.					
	0-002-43	Moulded white nylon, 19 x 9.5mm.					
		Fixing base for cable ties up to 9mm wide.	25				
	0-002-44	Moulded black nylon, 23 x 15mm.					
	0-002-45	Moulded white nylon, 23 x 15mm.					
		Adhesive backed nylon cable clips.	25				
	0-004-83	For cable 3.5mm diameter, 16 x 16mm.					
	0-004-82	For cable 3.7mm diameter, 25 x 25mm.					
	0-004-81	For cable 8.12mm diameter, 25 x 25mm.					
		Back PVC wiring grommets (sizes in mm).					
		Z	Y	X	T	W	
	0-447-01	9.52	6.36	3.96	1.57	6.35	100
	0-447-02	9.52	6.36	4.74	1.57	7.13	100
	0-447-03	11.09	7.92	5.53	1.57	5.53	100
	0-447-04	14.27	9.25	6.35	1.57	6.35	100
	0-447-05	15.87	12.70	7.92	1.57	6.35	100
	0-447-06	19.05	12.70	9.52	1.57	6.35	100
	0-447-07	19.05	15.87	11.09	1.57	6.35	25
	0-447-08	25.40	19.05	12.70	1.57	6.35	25
	0-447-11	26.97	20.62	15.87	1.57	8.33	25
	0-447-12	31.75	25.40	19.05	1.57	7.92	25
	0-447-00						100
		Assorted sized wiring grommets. Each contains:					
	0 447 01 x 15	0 447 04 x 15	0 447 07 x 5				
	0 447 02 x 15	0 447 05 x 15	0 447 08 x 5				
	0 447 03 x 15	0 447 06 x 5	0 447 11 x 5				
			0 447 12 x 5				


CABLE AND WIRING ACCESSORIES


Sleeving


Product	Part No	Description	Quantity
		Black P.V.C. sleeving for use on electrical harnesses.	
		I/D Wall Thickness	
	0-332-03	3mm 0.5mm	coil 25 metre
	0-332-04	4mm 0.5mm	coil 25 metre
	0-332-05	5mm 0.5mm	coil 25 metre
	0-332-06	6mm 0.5mm	coil 25 metre
	0-332-07	7mm 0.5mm	coil 25 metre
	0-332-09	9mm 0.5mm	coil 25 metre
	0-332-11	11mm 0.5mm	coil 25 metre
	0-332-14	14mm 0.5mm	coil 25 metre
	0-332-16	16mm 0.5mm	coil 25 metre

		Heat shrink Polyolefin tubing, shrink ratio 2:1. Minimum shrink temperature 120°C. Operating temperature of 40°C to 135°C.				
		Black	Red	I/D	Wall Thickness	
	0-333-02	0-333-52	2.4 mm	0.5 mm	coil 5 metre	
	0-333-03	0-333-53	3.2 mm	0.5 mm	coil 5 metre	
	0-333-04	0-333-54	4.8 mm	0.5 mm	coil 5 metre	
	0-333-06	0-333-56	6.4 mm	0.6 mm	coil 5 metre	
	0-333-09	0-333-59	9.5 mm	0.6 mm	coil 5 metre	
	0-333-12	0-333-62	12.7 mm	0.6 mm	coil 5 metre	
	0-333-19	0-333-69	19.0 mm	0.8 mm	coil 1 metre	
	0-333-25	0-333-75	25.0 mm	1.0 mm	coil 1 metre	
	0-333-38	0-333-88	38.0 mm	1.0 mm	coil 1 metre	

		Black heat shrink adhesive lined Polyolefin tubing, shrink ratio 3:1. Minimum shrink temperature 120°C. Operating temperature 55°C to 135°C.		
		I/D	Wall Thickness	
	0-329-03	3.0mm	0.9 mm	4 x 30cm
	0-329-04	4.5mm	1.1 mm	4 x 30cm
	0-329-06	6.0mm	1.2 mm	4 x 30cm
	0-329-09	9.0mm	1.3 mm	4 x 30cm
	0-329-12	12.7mm	1.3 mm	4 x 30cm
	0-329-19	19.0mm	1.3 mm	4 x 30cm









		Polyethylene spirally binding, ideal for electrical harnesses and wiring looms. Protects cables against chafing.					
		Black	White	O/D	I/D	Wall Thickness	
	0-332-60	0-332-50	3.1 mm	1.6	8.0 mm	0.8 mm	coil 30 metre
	0-332-61	0-332-51	6.0 mm	5.0	20.0 mm	1.0 mm	coil 30 metre
	0-332-62	0-332-52	11.8 mm	10.0	100.00 mm	1.2 mm	coil 30 metre

		Black expandable braided sleeving, flame retardant PET monofilament yarn. Operating temperature 40°C to 125°C.			
		I/D	Min I/D	Max I/D	
	0-325-07	6.4 mm	3.2 mm	9.5 mm	coil 10 metre
	0-325-10	9.5 mm	4.8 mm	15.9 mm	coil 10 metre
	0-325-13	12.7 mm	6.4 mm	19.0 mm	coil 10 metre
	0-325-19	19.1 mm	12.7 mm	31.7 mm	coil 10 metre
	0-325-32	31.8 mm	19.0 mm	38.1 mm	coil 10 metre
	0-325-38	38.1 mm	25.4 mm	57.1 mm	coil 10 metre

		Acrylic coated fibreglass sleeving. Continuous operating temperature of 55°C to 155°C and abrasion to class F.		
		I/D		
	0-334-05	0.5mm		coil 1 metre
	0-334-10	1.0mm		coil 1 metre
	0-334-20	2.0mm		coil 1 metre
	0-334-40	4.0mm		coil 1 metre
	0-334-60	6.0mm		coil 1 metre
	0-334-80	8.0mm		coil 1 metre

CABLE AND WIRING ACCESSORIES

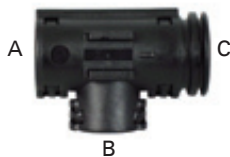
Convuluted tubing | Connectors

Product	Part No	Description	Quantity			
<p>Back nylon heavy duty convoluted unsplit tubing. Sealed to protect cables and looms against external elements.</p>						
		NW	I/D	O/D		
	0-330-07	7.5	6.7mm	10.0mm	coil 50 metre	
	0-330-10	10	9.9mm	13.0mm	coil 50 metre	
	0-330-13	13	12.7mm	15.8mm	coil 50 metre	
	0-330-17	17	16.6mm	21.2mm	coil 50 metre	
0-330-22	22	21.3mm	25.4mm	coil 50 metre		
<p>Back nylon convoluted split tubing. Protects cables and looms against external elements.</p>						
		NW	I/D	O/D		
	0-331-07	7.5	6.7mm	10.0mm	coil 50 metre	
	0-331-10	10	9.9mm	13.0mm	coil 50 metre	
	0-331-13	13	12.7mm	15.8mm	coil 50 metre	
	0-331-17	17	16.6mm	21.2mm	coil 50 metre	
	0-331-22	22	21.3mm	25.4mm	coil 50 metre	
	0-331-26	26	25.8mm	31.2mm	coil 25 metre	
<p>Back polypropylene deep section convoluted split tubing. Protects cables and looms against external elements.</p>						
		NW	I/D	O/D		
	0-328-07	7.5	6.9mm	9.9mm	coil 50 metre	
	0-328-10	10	8.5mm	12.9mm	coil 50 metre	
	0-328-13	13	11.1mm	15.7mm	coil 50 metre	
	0-328-17	17	15.0mm	21.2mm	coil 50 metre	
	0-328-22	22	19.1mm	25.7mm	coil 50 metre	
0-328-26	26	26.3mm	31.4mm	coil 25 metre		
<p>Aluminium and fibreglass covered nylon convoluted split tubing. Protects cables against heat up to 260°C.</p>						
		I/D	O/D			
	0-331-63	14.5mm	22.2mm	coil 1.5 metre		
0-331-69	19.4mm	26.7mm	coil 1.5 metre			
	0-331-98	For split tubing up to 10NW.	1			
	0-331-99	For split tubing from 13NW.	1			
<p>Aluminium covered woven fibreglass sieving. Protects cables and looms against heat up to 815°C and abrasion.</p>						
		I/D				
	0-334-63	12.7mm		coil 1.5 metre		
0-334-75	25.0mm		coil 1.5 metre			
<p>Back nylon unsealed 90° elbow connectors.</p>						
		NW				
	0-327-01	10		1		
	0-327-02	13		1		
	0-327-03	17		1		
0-327-04	22		1			
<p>Back nylon unsealed 'Y' piece connectors.</p>						
		NW	A	B	C	
	0-327-10	7.5	7.5	7.5		1
	0-327-11	10	10	10		1
	0-327-12	13	7.5	10		1
	0-327-13	13	10	10		1
	0-327-14	13	10	13		1
	0-327-15	13	13	13		1
	0-327-16	17	13	10		1
	0-327-17	17	13	17		1
	0-327-18	22	10	17		1
	0-327-19	22	13	17		1
0-327-20	26	22	22		1	

CABLE AND WIRING ACCESSORIES

Connectors | Interfaces | Junction boxes

Product Part No Description Quantity



Back nylon on unsea ed 'T' piece connectors.

NW	A	B	C	Quantity
0-327-30	7.5	7.5	7.5	1
0-327-40	10	7.5	7.5	1
0-327-41	10	7.5	10	1
0-327-42	10	10	10	1
0-327-50	13	7.5	13	1
0-327-51	13	10	10	1
0-327-52	13	10	13	1
0-327-53	13	13	13	1
0-327-60	17	7.5	13	1
0-327-61	17	7.5	17	1
0-327-62	17	10	13	1
0-327-63	17	10	17	1
0-327-64	17	13	13	1
0-327-65	17	13	17	1
0-327-66	17	22	17	1
0-327-67	17	17	17	1
0-327-70	22	7.5	22	1
0-327-71	22	10	10	1
0-327-72	22	10	22	1
0-327-73	22	13	17	1
0-327-74	22	13	22	1
0-327-75	22	17	13	1
0-327-76	22	22	22	1
0-327-80	26	10	26	1
0-327-81	26	13	22	1
0-327-82	26	13	26	1
0-327-83	26	17	13	1
0-327-84	26	17	17	1
0-327-85	26	17	22	1
0-327-86	26	22	22	1
0-327-87	26	26	26	1



Back nylon on unsea ed interfaces for AMP connectors.

NW	Type	Connector	Quantity
0-326-11	7.5 in ine	Supersea 2 way	1
0-326-12	10 in ine	Supersea 2 way	1
0-326-13	10 in ine	Supersea 3 way	1
0-326-14	10 90°	Supersea 3 way	1
0-326-15	10 in ine	Supersea 4 way	1
0-326-16	10 in ine	Supersea 5 way	1
0-326-17	10 in ine	Supersea 6 way	1
0-326-18	7.5 90°	Junior Power Timer 3 way	1
0-326-19	7.5 in ine	Junior Power Timer 4 way	1
0-326-20	7.5 in ine	Junior Power Timer 5 way	1
0-326-21	10 90°	Junior Power Timer 6 way	1



Back polycarbonate sea ed 'T' fitting with nylon cap nuts. Comes with sea ing rings to provide protection to IP67, use with un sp it tubing.

NW	Quantity
0-330-57	7.5 1
0-330-60	10 1
0-330-67	17 1
0-330-72	22 1



Back nylon sea ed connection gland. Comes with sea ing rings to provide protection to IP67, use with un sp it tubing.

NW	Quantity
0-330-77	7.5 1
0-330-80	10 1
0-330-83	13 1
0-330-87	17 1
0-330-92	22 1



Universa junction , mou ded in grey p astic with removab e lid and 'O' ring sea . Protected to IP56.

0-697-10	100 x 100 x 50mm, accepts g ands up to 17NW.	1
0-697-15	150 x 110 x 70mm, accepts a g ands.	1

CABLE AND WIRING ACCESSORIES

Harness accessories | Tapes

Product	Part No	Description	Quantity	
	Black nylon locking clips for all types of tubing.			
	NW			
	0-326-40	7.5	25	
	0-326-41	10	25	
	0-326-42	13	25	
	0-326-43	17	25	
	0-326-44	22	25	
	Black nylon convoluted tube reducer.			
	NW			
	0-326-01	10 7.5	10	
	0-326-02	13 7.5	10	
	0-326-03	13 10	10	
	0-326-04	17 13	10	
	0-326-05	22 13	10	
0-326-06	22 17	10		
	Black PVC conduit end caps, for convoluted tubing.			
			qty 10	
	NW10 with 5 cable outlets	0-326-90	5-326-90	
	NW13 with 6 cable outlets	0-326-91	5-326-91	
	NW17 with single cable outlet	0-326-92	5-326-92	
	NW22 with single cable outlet	0-326-93	5-326-93	
	0-326-94	5-326-94		
	Black PVC adhesive tape, 19mm x 20 metre roll.			
		qty 10	qty 1	
	0-615-00		5-615-00	
	Black PVC non adhesive foam tape, 19mm x 40 metre roll.			
		qty 10	qty 1	
	0-592-00		5-592-00	
	Coloured PVC adhesive tape, 19mm x 5 metre roll.			
		qty 12	qty 1	
	Black.	0-557-01	5-557-01	qty 12
	Blue.	0-557-02	5-557-02	0-557-05
	Green.	0-557-04	5-557-04	5-557-07
				5-557-08
0-557-00	Two each of black, blue, green, red, white and yellow.			
	0-557-50	Black polyisobutylene self-amalgamating tape, 25mm x 3 metre roll.		
			1	
	Woven Egyptian cotton field coil tape with red centre guide line.			
		qty 5	qty 1	
	13mm x 50 metre roll.	0-527-00	5-527-00	
	16mm x 50 metre roll.	0-528-00	5-528-00	
	0-557-38	Aluminium covered woven fibreglass adhesive tape. Protects cables and hoses and pipes against abrasion and heat up to 815°C, 37mm x 4.5 metre roll.		
			1	
	0-557-39	Aluminium covered woven fibreglass adhesive mat. Protects batteries, pipes, panels and heat sensitive units against abrasion and heat up to 815°C, 300 x 600mm roll.		
			1	

CABLE AND WIRING ACCESSORIES

Single core thin wall cables

Product	Part No	Description	Quantity
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Single core PVC thin wall auto cable to ISO6722:2006 Class B.

New	24/0.20mm 0.75mm² 14A, nominal OD 1.9mm.		reel 100 metres	
	0-931-01	black	0-931-07	white
	0-931-02	blue	0-931-08	yellow
	0-931-03	brown	0-931-09	grey
	0-931-04	green	0-931-10	orange
	0-931-05	red	0-931-11	pink
	0-931-06	purple	0-931-40	light green
	32/0.20mm 1.00mm² 16.5A, nominal OD 2.1mm.		reel 100 metres	
	0-932-01	black	0-932-37	brown/white
	0-932-02	blue	0-932-38	brown/yellow
	0-932-03	brown	0-932-40	light green
	0-932-04	green	0-932-41	green/black
	0-932-05	red	0-932-42	green/blue
	0-932-06	purple	0-932-43	green/brown
	0-932-07	white	0-932-45	green/red
	0-932-08	yellow	0-932-46	green/purple
	0-932-09	grey	0-932-47	green/white
	0-932-10	orange	0-932-48	green/yellow
	0-932-11	pink	0-932-51	red/black
	0-932-12	black/blue	0-932-54	red/green
0-932-14	black/green	0-932-57	red/white	
0-932-15	black/red	0-932-58	red/yellow	
0-932-18	black/yellow	0-932-61	purple/black	
0-932-21	blue/black	0-932-67	purple/white	
0-932-23	blue/brown	0-932-71	white/black	
0-932-24	blue/green	0-932-72	white/blue	
0-932-25	blue/red	0-932-73	white/brown	
0-932-27	blue/white	0-932-74	white/green	
0-932-28	blue/yellow	0-932-75	white/red	
0-932-31	brown/black	0-932-81	yellow/black	
0-932-34	brown/green	0-932-82	yellow/blue	
0-932-35	brown/red	0-932-87	yellow/white	
New	21/0.30mm 1.5mm² 21A, nominal OD 2.4mm.		reel 100 metres	
	0-930-01	black	0-930-06	purple
	0-930-02	blue	0-930-07	white
	0-930-03	brown	0-930-08	yellow
	0-930-04	green	0-930-09	grey
	0-930-05	red	0-930-10	orange
	28/0.30mm 2.00mm² 25A, nominal OD 2.8mm.		reel 100 metres	
	0-933-01	black	0-933-10	orange
	0-933-02	blue	0-933-11	pink
	0-933-03	brown	0-933-15	black/red
0-933-04	green	0-933-25	blue/red	
0-933-05	red	0-933-27	blue/white	
0-933-06	purple	0-933-40	light green	
0-933-07	white	0-933-41	green/black	
0-933-08	yellow	0-933-45	green/red	
0-933-09	grey	0-933-75	white/red	
New	35/0.30mm 2.5mm² 29A, nominal OD 3.0mm.		reel 50 metres	
	0-934-01	black	0-934-05	red
	0-934-03	brown		
New	44/0.30mm 3.0mm² 33A, nominal OD 3.4mm.		reel 50 metres	
	0-935-01	black	0-935-05	red
	0-935-03	brown		
New	65/0.30mm 4.5mm² 42A, nominal OD 4.1mm.		reel 30 metres	
	0-936-01	black	0-936-05	red
	0-936-03	brown		
New	84/0.30mm 6.0mm² 50A, nominal OD 4.3mm.		reel 30 metres	
	0-937-01	black	0-937-05	red
	0-937-03	brown		
New	97/0.30mm 7.0mm² 57A, nominal OD 5.1mm.		reel 30 metres	
	0-939-01	black	0-939-05	red
	0-939-03	brown		
New	120/0.30mm 8.5mm² 63A, nominal OD 5.6mm.		reel 30 metres	
	0-938-01	black	0-938-05	red
	0-938-03	brown		
New	80/0.40mm 10.0mm² 70A, nominal OD 6.0mm.		reel 30 metres	
	0-940-01	black	0-940-05	red
	0-940-03	brown		

CABLE AND WIRING ACCESSORIES

Single core auto cables



Product	Part No	Description	Quantity
Single core PVC auto cable to BS6862.			
9/0.30mm 0.65mm² 5.75A, nominal OD 2.5mm.			reel 50 metres
	0-941-01	black	0-941-08 yellow
	0-941-02	blue	0-941-09 grey
	0-941-03	brown	0-941-10 orange
	0-941-04	green	0-941-11 pink
	0-941-05	red	0-941-15 black/red
	0-941-06	purple	0-941-28 blue/yellow
	0-941-07	white	0-941-40 light green
14/0.30mm 1.00mm² 8.75A, nominal OD 3.4mm.			reel 50 metres
	0-942-01	black	0-942-37 brown/white
	0-942-02	blue	0-942-38 brown/yellow
	0-942-03	brown	0-942-40 light green
	0-942-04	green	0-942-41 green/black
	0-942-05	red	0-942-42 green/blue
	0-942-06	purple	0-942-43 green/brown
	0-942-07	white	0-942-45 green/red
	0-942-08	yellow	0-942-46 green/purple
	0-942-09	grey	0-942-47 green/white
	0-942-10	orange	0-942-48 green/yellow
	0-942-11	pink	0-942-51 red/black
	0-942-12	black/blue	0-942-54 red/green
	0-942-14	black/green	0-942-57 red/white
	0-942-15	black/red	0-942-58 red/yellow
	0-942-18	black/yellow	0-942-61 purple/black
	0-942-21	blue/black	0-942-67 purple/white
	0-942-23	blue/brown	0-942-71 white/black
	0-942-24	blue/green	0-942-72 white/blue
	0-942-25	blue/red	0-942-73 white/brown
	0-942-27	blue/white	0-942-74 white/green
	0-942-28	blue/yellow	0-942-75 white/red
	0-942-31	brown/black	0-942-81 yellow/black
	0-942-34	brown/green	0-942-82 yellow/blue
	0-942-35	brown/red	0-942-87 yellow/white
28/0.30mm 2.00mm² 17.5A, nominal OD 3.4mm			reel 50 metres
	0-943-01	black	0-943-11 pink
	0-943-02	blue	0-943-15 black/red
	0-943-03	brown	0-943-25 blue/red
	0-943-04	green	0-943-27 blue/white
	0-943-05	red	0-943-40 light green
	0-943-06	purple	0-943-41 green/black
	0-943-07	white	0-943-45 green/red
	0-943-08	yellow	0-943-75 white/red
	0-943-09	grey	
35/0.30mm 2.50mm² 21.75A, nominal OD 3.8mm.			reel 50 metres
	0-944-01	black	0-944-05 red
	0-944-03	brown	
44/0.30mm 3.00mm² 27.5A, nominal OD 4.2mm.			reel 50 metres
	0-945-01	black	0-945-05 red
	0-945-02	blue	0-945-08 yellow
	0-945-03	brown	0-945-38 brown/yellow
65/0.30mm 4.50mm² 35A, nominal OD 5.1mm.			reel 30 metres
	0-946-01	black	0-946-05 red
	0-946-03	brown	
84/0.30mm 6.00mm² 42A, nominal OD 5.9mm.			reel 30 metres
	0-947-01	black	0-947-05 red
	0-947-03	brown	
97/0.30mm 7.00mm² 50A, nominal OD 6.2mm.			reel 30 metres
	0-949-01	black	0-949-05 red
	0-949-03	brown	
120/0.30mm 8.50mm² 60A, nominal OD 7.0mm.			reel 30 metres
	0-948-01	black	0-948-05 red
	0-948-03	brown	
80/0.40mm 10.00mm² 70A, nominal OD 7.5mm.			reel 30 metres
	0-950-01	black	0-950-05 red
	0-950-03	brown	


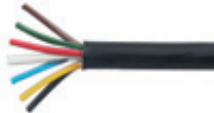
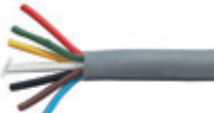




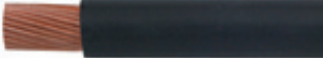

CABLE AND WIRING ACCESSORIES

Twin cables | Multicore cables

Product	Part No	Description	Quantity
	Twin core flat PVC auto cable to BS6862/ISO6722:2006 Class B (thin wall).		
		2 x 9/0.30mm 0.65mm² 5.75A, nominal OD 6.1 x 3.8mm.	reel 30 metres
	0-951-00	red/b ack, sheathed b ack	
		2 x 14/0.30mm 1.00mm² 8.75A, nominal OD 6.5 x 4.0mm.	reel 30 metres
	0-952-51	red/b ack, sheathed b ack	reel 100 metres
	3-952-51	red/b ack, sheathed b ack	
		2 x 32/0.20mm 1.00mm² 16.5A (thin wall), nominal OD 5.0 x 3.0mm.	reel 30 metres
	0-951-50	red/b ack, sheathed b ack	
		2 x 28/0.30mm 2.00mm² 17.50A, nominal OD 7.9 x 4.8mm.	reel 30 metres
	0-953-00	red/b ack sheathed b ack	reel 100 metres
3-953-00	red/b ack sheathed b ack		
	2 x 28/0.30mm 2.00mm² 25.0A (thin wall), nominal OD 6.1 x 3.5mm.	reel 30 metres	
0-953-50	red/b ack, sheathed b ack		
	2 x 44/0.30mm 3.00mm² 27.50A, nominal OD 9.5 x 5.7mm.	reel 30 metres	
0-953-51	red/b ack, sheathed b ack		
	2 x 65/0.30mm 4.50mm² 35.00A, nominal OD 11.9 x 7.0mm.	reel 30 metres	
0-955-00	red/b ack, sheathed b ack		
Twin core round PVC auto cable to BS6862.			
	2 x 9/0.30mm 0.65mm² 5.75A, nominal OD 6.5mm.	reel 30 metres	
0-951-51	red/b ack, sheathed b ack		
	2 x 14/0.30mm 1.00mm² 8.75A, nominal OD 7.0mm.	reel 30 metres	
0-952-00	red/b ack, sheathed b ack		
	2 core PVC speaker cable.		
		2 x 12/0.20mm 0.38mm² 2A, nominal OD 3.6 x 1.7mm.	reel 100 metres
	0-954-17	b ack and b ack/white	
	2 x 24/0.20mm 0.75mm² 6A, nominal OD 4.3 x 2.1mm.	reel 100 metres	
0-954-15	b ack and b ack/red		
	Multicore PVC auto cable to BS6862/ISO6722:2006 Class B (thin wall).		
		4 core, 4 x 9/0.30mm 0.65mm² 5.75A, nominal OD 7.5mm.	reel 30 metres
	0-993-00	brown, red, green and white, sheathed b ack	
		4 core, 4 x 14/0.30mm 1.00mm² 8.75A, nominal OD 8.0mm.	reel 30 metres
	0-993-01	brown, red, green and white, sheathed b ack	
		4 core, 4 x 32/0.20mm 1.00mm² 16.5A (thin wall), nominal OD 5.8mm.	reel 30 metres
	0-993-50	brown, red, green and white, sheathed b ack	
	5 core, 4 x 14/0.30mm 1.00mm² and 1 x 28/0.30mm 2.00mm², OD 8.9mm.	reel 30 metres	
0-995-00	brown, red, green, ye ow and white, sheathed b ack.		
	5 core, 5 x 32/0.20mm 1.00mm² 16.5A (thin wall), OD 6.3mm.	reel 30 metres	
0-995-50	brown, red, green, ye ow and white, sheathed b ack.		

CABLE AND WIRING ACCESSORIES

Multicore cables | Battery cables

Product	Part No	Description	Quantity
	0-997-10	7 core, 7 x 9/0.30mm 0.65mm ² 5.75A (light duty), OD 8.9mm. brown, red, green, yellow, blue, black, white.	reel 100 metres
	0-997-60	7 core, 7 x 24/0.20mm 0.75mm ² 14.0A (thin wall), OD 6.8mm. brown, red, green, yellow, blue, black, white.	reel 30 metres
	0-997-00	7 core, 6 x 14/0.30mm 1.00mm ² and 1 x 28/0.30mm 2.00mm ² , OD 10.2mm. brown, red, green, yellow, blue, black and white.	reel 30 metres
	0-997-05	brown, red, green, yellow, blue, black and white.	coil 10 metres
	3-997-00	brown, red, green, yellow, blue, black and white.	reel 100 metres
	0-997-65	7 core, 6 x 32/0.20mm and 1 x 28/0.30mm (thin wall), OD 8.3mm. brown, red, green, yellow, blue, black and white.	reel 30 metres
	0-997-15	7 core, ISO, 6 x 21/0.30mm 1.50mm ² and 1 x 35/0.30mm 2.50mm ² , OD 11.2mm. brown, red, green, yellow, blue, black and white.	reel 30 metres
	0-997-20	7 core, EBS, 5 x 21/0.30mm 1.50mm ² and 2 x 56/0.30mm 4.00mm ² , OD 10.8mm. black, yellow, white, white/green, white/brown, red and brown	reel 30 metres
	0-998-01	8 core, 7 x 32/0.20mm and 1 x 28/0.30mm (thin wall), OD 8.5mm. brown, red, green, yellow, blue, black, purple and white.	coil 10 metres
	0-999-13	13 core, 12 x 21/0.30mm and 1 x 35/0.30mm (thin wall), OD 12.0mm. brown, green, yellow, blue, black, purple, pink, grey, light brown, red/black, red, orange and white.	coil 10 metres
	0-999-63	13 core, 8 x 30/0.25mm and 5 x 50/0.25mm (thin wall), OD 12.8mm. red, brown, green, yellow, blue, black, pink, grey, white/blue, orange, white, white/red, white/black.	coil 10 metres
	0-961-01	PVC sheathed copper, PVC insulated ignition cable, to BS6862. 21/0.30mm 1.50mm ² , nominal OD 7.0mm. black	reel 30 metres
	0-961-05	red	
	0-961-57	Silicon sheathed, silicon insulated suppressed carbon ignition cable. black, 7mm OD	reel 30 metres
	0-961-58	black, 8mm OD	reel 30 metres
 	0-980-01	Copper core PVC starter cable to BS6862. 266/0.30mm 20.0mm ² , 135A, nominal OD 9.0mm. black	coil 10 metres
	0-979-05	red	
	0-981-00	37/0.90mm 25.0mm ² , 170A, nominal OD 9.7mm. black	coil 10 metres
	0-981-05	red	
	0-982-00	61/0.90mm 40.0mm ² , 300A, nominal OD 11.8mm. black	coil 10 metres
	0-982-05	red	
	0-983-00	61/1.13mm 60.0mm ² , 415A, nominal OD 14.1mm. black	coil 10 metres
	0-983-05	red	

CABLE AND WIRING ACCESSORIES

Battery cables | Starter cables | Mains cables

Product	Part No	Description	Quantity
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Copper core PVC flexible starter cable to BS6862.

224/0.30mm	16.0mm ² , 110A, nominal OD 9.0mm.	coil 10 metres
0-978-01	black	0-978-05 red

266/0.30mm	20.0mm ² , 135A, nominal OD 9.5mm.	coil 10 metres
0-980-11	black	0-979-15 red

196/0.40mm	25.0mm ² , 170A, nominal OD 9.7mm.	coil 10 metres
0-981-10	black	0-981-15 red

New

451/0.30mm	35.0mm ² , 240A, nominal OD 11.7mm.	coil 10 metres
0-976-10	black	0-976-15 red

315/0.40mm	40.0mm ² , 300A, nominal OD 12.2mm.	coil 10 metres
0-982-10	black	0-982-15 red

New

640/0.30mm	50.0mm ² , 345A, nominal OD 13.5mm.	coil 10 metres
0-977-10	black	0-977-15 red

475/0.40mm	60.0mm ² , 415A, nominal OD 14.6mm.	coil 10 metres
0-983-10	black	0-983-15 red



Copper core double Ethylenepropylene rubber sheathed with a high temperature PETP tape separator, to BS638 part 4 1996.

1107/0.20mm	35.0mm ² , 290A, nominal OD 12.4mm.	coil 10 metres
0-984-00	black	0-984-05 orange

2214/0.20mm	70.0mm ² , 460A, nominal OD 16.3mm.	coil 10 metres
0-985-00	black	0-985-05 orange



Twin core round flexible mains cable to BS6500, PVC insulated. Blue, brown, sheathed white PVC, to BS638 part 4 1996.

0-955-23	2 x 0.75mm ²	24/0.20mm	6A
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3 core round flexible mains cable to BS6500, PVC insulated. Blue, brown, green/yellow, sheathed white PVC.









0-987-00	3 x 0.75mm ²	24/0.20mm	6A
0-988-00	3 x 1.00mm ²	32/0.20mm	10A
0-989-00	3 x 1.50mm ²	30/0.25mm	15A

3 core round flexible mains cable to BS6500, TRS insulated. Blue, brown, green/yellow, sheathed black rubber.

0-986-00	3 x 0.75mm ²	24/0.20mm	6A
0-986-10	3 x 1.00mm ²	32/0.20mm	10A
0-986-15	3 x 1.50mm ²	30/0.25mm	15A







CABLE AND WIRING ACCESSORIES

Charging clips and insulators

Product	Part No	Description	Quantity
	0-140-05	5A alligator clip, nickel plated steel. 44 mm long. Jaw opening 13mm. Ministry Ref. 5940.99.940.0856.	50
	0-261-00	As above.	10
	0-140-00	5A alligator clips, nickel plated steel. 44 mm long. Jaw opening 13mm, with one black and one red moulded soft PVC insulating sleeves.	1 pair
	0-140-01	Insulating sleeves, red and black, moulded in soft PVC, for use on part 0-140-05 and 0-261-00 clips.	5 pair
	0-694-15	15A crocodile clip, plated steel. 57mm long. Curved jaw opening 16mm. Ministry Ref. 5940.99.943.4800.	20
	0-186-00	40A crocodile clip, plated steel. 82mm long. Jaw opening 19mm. Fitted with red and black plastic handles.	1 pair
	0-187-25	25A crocodile clip, plated steel. 76mm long. Jaw opening 32mm. Ministry Ref. 5940.99.940.0859.	50
	0-263-00	As above.	10
	0-187-27	25A crocodile clip, plated steel. 76mm long. Jaw opening 32mm. 6.3mm male blade terminal.	50
	0-263-27	As above.	10
	0-187-00	One pair of 25A crocodile clips with one black and one red insulation sleeve. 6.3mm male blade terminal.	1 pair

CABLE AND WIRING ACCESSORIES

Charging clips | Battery jumpers

Product	Part No	Description	Quantity
	0-187-01	Black.	10
	0-187-05	Red.	10
	0-187-50	50A crocodile clip, plated steel. 102mm long. Jaw opening 50mm.	25
	0-263-50	As above.	10
	0-153-00	2 red, 2 black.	2 pair
	0-153-01	Black on y.	1
	0-153-05	Red on y.	1
	0-153-50	2 red 2 black.	2 pair
	0-153-51	Black on y.	1
	0-153-55	Red on y.	1
	0-392-14	Battery jumper, antimony lead, Silicon insulated 10A cable. 355 mm overall.	10
	0-154-00	Universal battery jumper, Silicon insulated 10A cable with 25A clips. 600mm long overall.	10

CABLE AND WIRING ACCESSORIES

Battery leads

Universal battery to battery leads, 266/0.30mm, 20mm², 135A



	qty 5	qty 1
150mm	0-573-06	5-573-06
225mm	0-573-09	5-573-09
300mm	0-573-12	5-573-12
375mm	0-573-15	5-573-15
450mm	0-573-18	5-573-18

Battery to battery leads, 37/0.90mm, 25mm², 170A.



as illustrated			reverse of illustration		
	qty 5	qty 1		qty 5	qty 1
150mm	0-622-06	5-622-06	150mm	0-622-56	5-622-56
225mm	0-622-09	5-622-09	225mm	0-622-59	5-622-59
300mm	0-622-12	5-622-12	300mm	0-622-62	5-622-62

Battery to battery leads, 61/0.90mm, 40mm², 300A.

as illustrated			reverse of illustration		
	qty 5	qty 1		qty 5	qty 1
150mm	0-621-06	5-621-06	150mm	0-621-56	5-621-56
225mm	0-621-09	5-621-09	225mm	0-621-59	5-621-59
300mm	0-621-12	5-621-12	300mm	0-621-62	5-621-62

Battery to battery leads, 61/1.13mm, 60mm², 415A.

as illustrated			reverse of illustration		
	qty 5	qty 1		qty 5	qty 1
150mm	0-623-06	5-623-06	150mm	0-623-56	5-623-56
225mm	0-623-09	5-623-09	225mm	0-623-59	5-623-59
300mm	0-623-12	5-623-12	300mm	0-623-62	5-623-62

Ford battery leads, 266/0.30mm, 20mm², 135A, 8mm terminal.



	qty 5	qty 1
225mm	0-629-09	5-629-09
300mm	0-629-12	5-629-12
450mm	0-629-18	5-629-18
600mm	0-629-24	5-629-24
900mm	0-629-36	5-629-36

Battery leads, 37/0.90mm, 25mm², 170A, 8mm terminal.



positive			negative		
	qty 5	qty 1		qty 5	qty 1
300mm	1-626-12	5-626-12	300mm	2-626-12	6-626-12
375mm	1-626-15	5-626-15	375mm	2-626-15	6-626-15
450mm	1-626-18	5-626-18	450mm	2-626-18	6-626-18

Battery leads, 61/0.90mm, 40mm², 300A, 10mm terminal.

positive			negative		
	qty 5	qty 1		qty 5	qty 1
300mm	1-625-12	5-625-12	300mm	2-625-12	6-625-12
375mm	1-625-15	5-625-15	375mm	2-625-15	6-625-15
450mm	1-625-18	5-625-18	450mm	2-625-18	6-625-18

Battery leads 0, 61/1.13mm, 60mm², 415A, 10mm terminal.

positive			negative		
	qty 5	qty 1		qty 5	qty 1
300mm	1-627-12	5-627-12	300mm	2-627-12	6-627-12
375mm	1-627-15	5-627-15	375mm	2-627-15	6-627-15
450mm	1-627-18	5-627-18	450mm	2-627-18	6-627-18

CABLE AND WIRING ACCESSORIES

Battery leads | Earth straps

Universal battery leads, 266/0.30mm, 20mm², 135A, 8mm terminal.



	qty 5	qty 1
225mm	0-574-09	5-574-09
300mm	0-574-12	5-574-12
375mm	0-574-15	5-574-15
450mm	0-574-18	5-574-18
600mm	0-574-24	5-574-24

Starter to switch leads, 37/0.90mm, 25mm², 170A, 8mm terminals.



	qty 5	qty 1
300mm	0-662-12	5-662-12
450mm	0-662-18	5-662-18
600mm	0-662-24	5-662-24

Starter to switch leads, 61/0.90mm, 40mm², 300A, 10mm terminals.

	qty 5	qty 1
300mm	0-661-12	5-661-12
450mm	0-661-18	5-661-18
600mm	0-661-24	5-661-24

Starter to switch leads, 61/1.13mm, 60mm², 415A, 10mm terminals.

	qty 5	qty 1
300mm	0-663-12	5-663-12
450mm	0-663-18	5-663-18
600mm	0-663-24	5-663-24

Universal flat bonding strap, tinned copper, 32/16/0.20mm, 110A, 24mm wide, 10mm hole.



	qty 5	qty 1
150mm	0-568-06	5-568-06
225mm	0-568-09	5-568-09
300mm	0-568-12	5-568-12
375mm	0-568-15	5-568-15
450mm	0-568-18	5-568-18
525mm	0-568-21	5-568-21

Universal flat earth strap, tinned copper, 32/16/0.20mm, 110A, 24mm wide, 10mm hole.



	qty 5	qty 1
150mm	0-395-06	5-395-06
225mm	0-395-09	5-395-09
300mm	0-395-12	5-395-12
375mm	0-395-15	5-395-15
450mm	0-395-18	5-395-18
525mm	0-395-21	5-395-21

Universal round earth strap, tinned copper, 24/9/0.30mm, 110A, 10mm diameter, 8mm hole.



	qty 5	qty 1
150mm	0-401-06	5-401-06
225mm	0-401-09	5-401-09
300mm	0-401-12	5-401-12
375mm	0-401-15	5-401-15
450mm	0-401-18	5-401-18
525mm	0-401-21	5-401-21

Universal heavy duty round earth strap, tinned copper, 16/32/0.30mm, 260A, 13mm diameter, 10mm hole.



	qty 5	qty 1
225mm	0-232-09	5-232-09
300mm	0-232-12	5-232-12
375mm	0-232-15	5-232-15
450mm	0-232-18	5-232-18
525mm	0-232-21	5-232-21
600mm	0-232-24	5-232-24
675mm	0-232-27	5-232-27
750mm	0-232-30	5-232-30

CABLE AND WIRING ACCESSORIES

Earth straps | Braids

Round earth strap, tinned copper, 24/9/0.30mm, 110A, 10mm diameter, 10mm terminal.



	positive		negative	
	qty 5	qty 1	qty 5	qty 1
150mm	1-404-06	5-404-06	150mm	2-404-06
225mm	1-404-09	5-404-09	225mm	2-404-09
375mm	1-404-15	5-404-15	375mm	2-404-15
450mm	1-404-18	5-404-18	450mm	2-404-18
525mm	1-404-21	5-404-21	525mm	2-404-21

Round heavy duty earth strap, tinned copper, 16/32/0.30mm, 260A, 13mm diameter, 9.5mm terminal.



	positive		negative	
	qty 5	qty 1	qty 5	qty 1
225mm	1-742-09	5-742-09	225mm	2-742-09
300mm	1-742-12	5-742-12	300mm	2-742-12
375mm	1-742-15	5-742-15	375mm	2-742-15
450mm	1-742-18	5-742-18	450mm	2-742-18
525mm	1-742-21	5-742-21	525mm	2-742-21
600mm	1-742-24	5-742-24	600mm	2-742-24
675mm	1-742-27	5-742-27	675mm	2-742-27
750mm	1-742-30	5-742-30	750mm	2-742-30

Ford, round earth strap, tinned copper, 24/9/0.30mm, 110A, 10mm diameter.



	qty 5	qty 1
150mm	0-710-06	5-710-06
225mm	0-710-09	5-710-09
300mm	0-710-12	5-710-12
375mm	0-710-15	5-710-15
450mm	0-710-18	5-710-18
525mm	0-710-21	5-710-21

Round bonding strap, tinned copper, 24/9/0.30mm, 110A, 10mm diameter, 8mm terminal.



	qty 5	qty 1
150mm	0-567-06	5-567-06
225mm	0-567-09	5-567-09
300mm	0-567-12	5-567-12
375mm	0-567-15	5-567-15
450mm	0-567-18	5-567-18
525mm	0-567-21	5-567-21

Round heavy duty bonding strap, tinned copper, 16/32/0.30mm, 260A, 13mm diameter, 9.5mm terminal.



	qty 5	qty 1
150mm	0-393-06	5-393-06
225mm	0-393-09	5-393-09
300mm	0-393-12	5-393-12
375mm	0-393-15	5-393-15
450mm	0-393-18	5-393-18
525mm	0-393-21	5-393-21

Tinned copper braids.



0-190-00 8mm wide, 24/5/0.20mm, 4.0mm², 35A. coil 5 metres



0-189-00 24mm wide, 32/16/0.20mm, 16.0mm², 110A. coil 10 metres










0-288-00 10mm diameter, 24/9/0.30mm, 16.0mm², 110A. coil 10 metres



0-566-00 13mm diameter, 16/32/0.30mm, 37.0mm², 260A. coil 10 metres








CABLE AND WIRING ACCESSORIES

Stamped hot brass battery terminals

Product	Part No	Description	Quantity
	1-020-01	Standard S.M.M.T. positive terminal s dri ed 7.5mm for 25mm ² cab e.	10
	1-020-10	As above.	100
	5-020-01	Sing e unit, as above.	1
	2-020-01	Standard S.M.M.T. negative termina s, detai s as above.	10
	2-020-10	As above.	100
6-020-01	Sing e unit, as above.	1	
	1-155-01	Standard S.M.M.T. positive termina s dri ed 9.5mm for 40mm ² cab e.	10
	1-155-10	As above.	100
	5-155-01	Sing e unit, as above.	1
	2-155-01	Standard S.M.M.T. negative termina s, detai s as above.	10
	2-155-10	As above.	100
6-155-01	Sing e unit, as above.	1	
	1-388-01	Commercia S.M.M.T. positive termina s dri ed 11.1mm for 60mm ² cab e.	10
	1-388-10	As above.	100
	5-388-01	Sing e unit, as above.	1
	2-388-01	Commercia negative termina s, detai s as above.	10
	2-388-10	As above.	100
6-388-01	Sing e unit, as above.	1	
	1-224-01	Heavy duty S.M.M.T. positive termina s dri ed 14.3mm for cab e of extra arge size.	10
	1-224-10	As above.	100
	5-224-01	Sing e unit, as above.	1
	2-224-01	Heavy duty S.M.M.T. negative termina s, detai s as above.	10
	2-224-10	As above.	100
6-224-01	Sing e unit, as above.	1	
	1-018-01	So der ess positive termina s dri ed 8.9mm for 37/0.90mm 25mm ² and 61/0.90mm 40mm ² cab e.	10
	1-018-10	As above.	100
	5-018-01	Sing e unit, as above.	1
	2-018-01	So der ess negative termina s, detai s as above.	10
	2-018-10	As above.	100
6-018-01	Sing e unit, as above.	1	
	1-558-01	Commercia so der ess positive termina s dri ed 11.1mm for 61/1.13mm 60mm ² cab e.	10
	1-558-10	As above.	100
	5-558-01	Sing e unit, as above.	1
	2-558-01	Commercia so der ess negative termina s, as above.	10
	2-558-10	As above.	100
6-558-01	Sing e unit, as above.	1	
	1-559-01	Heavy duty so der ess positive termina s dri ed 14.3mm for cab e of extra arge size.	10
	1-559-10	As above.	100
	5-559-01	Sing e unit, as above.	1
	2-559-01	Heavy duty so der ess negative termina s, as above.	10
	2-559-10	As above.	100
6-559-01	Sing e unit, as above.	1	

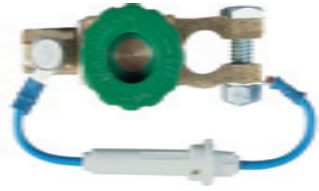







CABLE AND WIRING ACCESSORIES

Stamped hot brass battery terminals | Solid brass battery terminals

Product	Part No	Description	Quantity
	1-016-01	Pressed brass positive terminals for 25mm ² cable.	10
	1-016-10	As above.	100
	5-016-01	Single unit, as above.	1
	2-016-01	Pressed brass negative terminals, details as above.	10
	2-016-10	As above.	100
	6-016-01	Single unit, as above.	1
	0-399-01	Universal solderless terminals drilled 6.7mm for 25mm ² cable.	10
	0-399-10	As above.	100
	5-399-01	Single unit, as above.	1
	1-100-01	S.M.M.T. positive lighting terminals with vertical 5/16 Whitworth stud, spring washer and nut.	10
	1-100-10	As above.	100
	5-100-01	Single unit, as above.	1
	2-100-01	S.M.M.T. negative lighting terminals, as above.	10
	2-100-10	As above.	100
	6-100-01	Single unit, as above.	1
	1-100-04	S.M.M.T. positive terminals with vertical 3/8 UNC stud, washer and nut. Same size as AC Delco batteries.	10
	5-100-04	Single unit, as above.	1
	1-100-23	S.M.M.T. positive terminals with vertical 5/16 Whitworth stud, spring washer and wing nut.	10
	5-100-23	Single unit, as above.	1
	2-100-23	S.M.M.T. negative terminals, details as above.	10
	6-100-23	Single unit, as above.	1
	0-019-00	Heavy duty PSV solder terminals, 1 positive and 1 negative, drilled 12.6mm for cable of extra large size. Repaces 24188360/1.	2
	1-019-00	Positive only.	2
	2-019-00	Negative only.	2
	1-017-01	Sma Japanese positive terminals drilled 9.4mm for 266/0.30mm 20mm ² and 37/0.90mm 25mm ² cable.	10
	5-017-01	Single unit, as above.	1
	2-017-01	Sma Japanese negative terminals as above.	10
	6-017-01	Single unit, as above.	1
	1-015-00	French type terminals, positive, red with plastic tightening wheel for quick release. As used on French vehicles.	1
	2-015-00	As above but green for negative terminal.	1

CABLE AND WIRING ACCESSORIES

Solid brass battery terminals | Battery terminal accessories

Product	Part No	Description	Quantity
	2-021-50	Disconnect type terminal with bridging fuse holder for radio memory, alarm and clock feeds, and Ford type battery terminal conversion.	1
	2-021-00	Disconnect type terminals green with plastic tightening wheel without fuse holder. Ideal battery isolator or anti theft device.	1
	0-022-00	Battery terminals for Ford type terminal conversion. 1 positive and 1 negative.	1 pair
	1-558-99	Moulded natural red rubber battery terminal covers designed to fit a side entry battery terminals.	10
	5-558-99	Single unit, red, as above.	1
	2-558-99	As above in back.	10
	6-558-99	Single unit, back, as above.	1
	1-100-99	Moulded natural red rubber battery terminal covers designed to fit standard lighting terminals.	10
	5-100-99	Single unit, red, as above.	1
	2-100-99	As above in back.	10
6-100-99	Single unit, back, as above.	1	
	0-139-99	An anti corrosive compound which kills corrosion and inhibits deterioration of terminals and metal parts on or near lead acid batteries.	1
	0-100-23	Hot brass stamped wing nut, 5/16" Whitworth to BS856. Electro tinned.	10
	0-456-19	Battery terminal self tapping screws, No. 10 x 16mm pan head, electro tinned.	10
	0-456-12	As above but No. 12 x 16mm.	10
	0-745-02	Ford battery terminal bolt M6 x 20mm, 12mm square head, electro tinned steel.	10
	0-745-14	Hexagon flange nut for above.	10
	0-394-02	Battery terminal clamping bolt, 5/16" Whitworth x 38mm long, 13mm square head, electro tinned steel.	10
	0-394-14	Hexagon flange nut for above.	10

CABLE AND WIRING ACCESSORIES

Fuses

32mm flat ended glass.



part no.	continuous	blow	qty	part no.	qty	part no.	qty
0-374-01	1A	2A	10	0-374-51	50	3-374-01	200
0-374-02	2A	4A	10	0-374-52	50	3-374-02	200
0-374-03	3A	6A	10	0-374-53	50	3-374-03	200
0-374-04	4A	8A	10	0-374-54	50	3-374-04	200
0-374-05	5A	10A	10	0-374-55	50	3-374-05	200
0-374-07	7.5A	15A	10	0-374-57	50	3-374-07	200
0-374-10	10A	20A	10	0-374-60	50	3-374-10	200
0-374-15	15A	30A	10	0-374-65	50	3-374-15	200
0-374-20	10A	20A	10	0-374-70	50	3-374-20	200
0-374-25	12.5A	25A	10	0-374-75	50	3-374-25	200
0-374-30	15A	30A	10	0-374-80	50	3-374-30	200
0-374-35	17.5A	35A	10	0-374-85	50	3-374-35	200
0-374-40	20A	40A	10	0-374-89	50	3-374-40	200
0-374-50	25A	50A	10	0-374-90	50	3-374-50	200

29mm flat ended glass.



part no.	continuous	blow	qty	part no.	qty	part no.	qty
0-355-10	5A	10A	10	0-355-60	50	3-355-10	200
0-355-20	10A	20A	10	0-355-70	50	3-355-20	200
0-355-30	15A	30A	10	0-355-80	50	3-355-30	200
0-355-40	20A	40A	10	0-355-90	50	3-355-40	200
0-355-50	25A	50A	10	0-355-00	50	3-355-50	200

25mm flat ended glass



part no.	continuous	blow	qty	part no.	qty	part no.	qty
0-354-02	1A	2A	10	0-354-52	50	3-354-02	200
0-354-03	1.5A	3A	10	0-354-53	50	3-354-03	200
0-354-05	2.5A	5A	10	0-354-55	50	3-354-05	200
0-354-08	4A	8A	10	0-354-58	50	3-354-08	200
0-354-10	5A	10A	10	0-354-60	50	3-354-10	200
0-354-15	7.5A	15A	10	0-354-65	50	3-354-15	200
0-354-20	10A	20A	10	0-354-70	50	3-354-20	200
0-354-25	12.5A	25A	10	0-354-75	50	3-354-25	200
0-354-30	15A	30A	10	0-354-80	50	3-354-30	200

20mm radio glass, rapid blow.



part no.	rating	qty	part no.	qty	part no.	qty
0-373-01	1A	10	0-373-51	50	3-373-01	200
0-373-02	2A	10	0-373-52	50	3-373-02	200
0-373-03	3A	10	0-373-53	50	3-373-03	200
0-373-05	5A	10	0-373-55	50	3-373-05	200
0-373-08	8A	10	0-373-58	50	3-373-08	200
0-373-10	10A	10	0-373-60	50	3-373-10	200
0-373-15	15A	10	0-373-65	50	3-373-15	200
0-373-20	20A	10	0-373-70	50	3-373-20	200

25 mm ceramic continental type, 36V dc rated, DIN 72581-1.



part no.	rating	colour	qty	part no.	qty	part no.	qty
0-230-05	5A	yellow	10	0-230-55	50	3-230-05	200
0-230-08	8A	white	10	0-230-58	50	3-230-08	200
0-230-16	16A	red	10	0-230-66	50	3-230-16	200
0-230-25	25A	blue	10	0-230-75	50	3-230-25	200

Mains to BS1362.



part no.	rating	colour	qty	part no.	qty	part no.	qty
0-696-02	2A	black	10	0-696-52	50	3-696-02	200
0-696-03	3A	red	10	0-696-53	50	3-696-03	200
0-696-05	5A	black	10	0-696-55	50	3-696-05	200
0-696-13	13A	brown	10	0-696-63	50	3-696-13	200

CABLE AND WIRING ACCESSORIES

Fuses



Mini blade type, 32V dc rated, ISO8820, UL248.

part no.	rating	colour	qty	part no.	qty	part no.	qty
0-372-02	2A	grey	10	0-372-52	50	3-372-02	200
0-372-03	3A	violet	10	0-372-53	50	3-372-03	200
0-372-04	4A	pink	10	0-372-54	50	3-372-04	200
0-372-05	5A	tan	10	0-372-55	50	3-372-05	200
0-372-07	7.5A	brown	10	0-372-57	50	3-372-07	200
0-372-10	10A	red	10	0-372-60	50	3-372-10	200
0-372-15	15A	blue	10	0-372-65	50	3-372-15	200
0-372-20	20A	yellow	10	0-372-70	50	3-372-20	200
0-372-25	25A	neutral	10	0-372-75	50	3-372-25	200
0-372-30	30A	green	10	0-372-80	50	3-372-30	200
0-372-50	assorted		10				



Low Profile Mini blade type, 58V dc rated.

part no.	rating	colour	qty
0-371-02	2A	grey	10
0-371-05	5A	tan	10
0-371-07	7.5A	brown	10
0-371-10	10A	red	10
0-371-15	15A	blue	10
0-371-20	20A	yellow	10
0-371-25	25A	neutral	10
0-371-30	30A	green	10



Blade type, 32V dc rated, ISO8820-3, UL248.

part no.	rating	colour	qty	part no.	qty	part no.	qty
0-375-01	1A	black	10	0-375-51	50	3-375-01	200
0-375-02	2A	grey	10	0-375-52	50	3-375-02	200
0-375-03	3A	violet	10	0-375-53	50	3-375-03	200
0-375-04	4A	pink	10	0-375-54	50	3-375-04	200
0-375-05	5A	tan	10	0-375-55	50	3-375-05	200
0-375-07	7.5A	brown	10	0-375-57	50	3-375-07	200
0-375-10	10A	red	10	0-375-60	50	3-375-10	200
0-375-15	15A	blue	10	0-375-65	50	3-375-15	200
0-375-20	20A	yellow	10	0-375-70	50	3-375-20	200
0-375-25	25A	neutral	10	0-375-75	50	3-375-25	200
0-375-30	30A	green	10	0-375-80	50	3-375-30	200
0-375-35	35A	b/green	10	0-375-85	50	3-375-35	200
0-375-40	40A	orange	10	0-375-90	50	3-375-40	200
0-375-50	assorted		10				



0-375-99 standard blade and mini blade fuse holder 10



Maxi blade type, 32V dc rated, DIN 72581-3E, ISO8820-3.

part no.	rating	colour	qty
0-377-20	20A	yellow	2
0-377-30	30A	green	2
0-377-40	40A	orange	2
0-377-50	50A	red	2
0-377-60	60A	blue	2
0-377-70	70A	tan	2
0-377-80	80A	neutral	2
0-377-10	100A	violet	2

CABLE AND WIRING ACCESSORIES

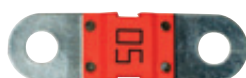
Fuses

Product	Part No	Description	Quantity
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Strip link fuses, 36V dc rated, DIN 72581/2. Fitting fuseho der 0 378 00.

part no.	rating	qty
0-378-30	30A	10
0-378-40	40A	10
0-378-50	50A	10
0-378-60	60A	10
0-378-80	80A	10
0-378-10	100A	10



MIDI type, 32V dc rated, ISO8820-5, UL248. Fitting fuseho ders 0 378 00 and 0 378 85.

part no.	rating	colour	qty
0-378-13	30A	orange	1
0-378-14	40A	green	1
0-378-15	50A	red	1
0-378-16	60A	ye ow	1
0-378-17	70A	brown	1
0-378-18	80A	white	1
0-378-20	100A	b ue	1
0-378-22	125A	pink	1
0-378-25	150A	grey	1
0-378-33	200A	violet	1



MEGA type fuses, 32V dc rated. Fitting fuseho der 0 376 85.

part no.	rating	colour	qty
0-376-10	100A	ye ow	1
0-376-12	125A	green	1
0-376-15	150A	orange	1
0-376-17	175A	white	1
0-376-20	200A	b ue	1
0-376-22	225A	tan	1
0-376-25	250A	pink	1
0-376-30	300A	grey	1
0-376-35	350A	d/green	1
0-376-40	400A	purp e	1
0-376-45	450A	d/ye ow	1
0-376-55	500A	white	1



PAL type male fuses, 32V dc rated, JASO 0612. Short legs.

part no.	rating	colour	qty
0-379-63	30A	pink	1
0-379-64	40A	green	1
0-379-65	50A	red	1
0-379-66	60A	ye ow	1
0-379-67	70A	tan	1
0-379-68	80A	b ack	1
0-379-70	100A	b ue	1
0-379-72	120A	white	1



PAL type male fuses, 32V dc rated, JASO 0612. Long legs.

part no.	rating	colour	qty
0-379-73	30A	pink	1
0-379-74	40A	green	1
0-379-75	50A	red	1
0-379-76	60A	ye ow	1
0-379-77	70A	brown	1
0-379-78	80A	b ack	1
0-379-80	100A	b ue	1
0-379-82	120A	white	1

CABLE AND WIRING ACCESSORIES

Fuses

Product	Part No	Description	Quantity
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PAL type male fuses, 32 volt dc rated, JASO 0612.

part no.	rating	colour	qty
0-379-53	30A	pink	1
0-379-54	40A	green	1
0-379-55	50A	red	1
0-379-56	60A	yellow	1
0-379-57	70A	tan	1
0-379-58	80A	black	1
0-379-60	100A	blue	1
0-379-62	120A	white	1



PAL type female fuses, 32 volt dc rated, JASO 0612.

part no.	rating	colour	qty
0-379-02	20A	blue	1
0-379-03	30A	pink	1
0-379-04	40A	green	1
0-379-05	50A	red	1
0-379-06	60A	yellow	1



PAL type female fuses, 32 volt dc rated, JASO 0612.

part no.	rating	colour	qty
0-379-44	45A	red	1
0-379-46	65A	black	1
0-379-47	75A	grey	1



PAL type female fuses, 32 volt dc rated, JASO 0612.

part no.	rating	colour	qty
0-379-13	30A	pink	1
0-379-14	40A	green	1



PAL type female fuses, 32 volt dc rated, JASO 0612.

part no.	rating	colour	qty
0-379-25	25A	brown	1
0-379-30	30A	green	1



JCASE female cartridge fuses, 32 volt dc rated.

part no.	rating	colour	qty
0-379-32	20A	blue	1
0-379-33	30A	pink	1
0-379-34	40A	green	1
0-379-35	50A	red	1
0-379-36	60A	yellow	1



Low Profile JCASE female cartridge fuses, 58 volt dc rated.

part no.	rating	colour	qty
0-379-15	20A	blue	1
0-379-16	25A	white	1
0-379-17	30A	pink	1
0-379-18	40A	green	1
0-379-19	50A	red	1
0-379-20	60A	yellow	1

CABLE AND WIRING ACCESSORIES

Diodes | In-line fuse holders

Product	Part No	Description	Quantity
	0-372-00	Diode, mini fuse size, 1A 150 vo t.	10
			
	0-834-10	Universa in line diode, 10A 50 vo t dc, with ma e () and fema e (+) 6.30mm Lucar termina s.	10
	0-584-00	In line fuseho der for 32mm fuses. Mou ded in white ny on. Cab e connections to 6.3mm termina s on 2.00mm ² cab e. Supp ied without fuse.	5
	0-640-00	In line fuseho der for 32mm fuses. Mou ded in white ny on, screw termina cab e connections. Supp ied with 35A fuse.	5
	0-591-00	In line fuseho der for 32mm fuses. Mou ded in back pheno , screw termina cab e connections. Supp ied with 35A fuse.	5
	0-591-50	Pane mount fuseho der for 32mm fuses up to 10A rating, for mounting into 13mm diameter ho e. Bayonet retaining cap for fuse. 6.3mm b ade termina cab e connections. Length 60mm.	5
	5-591-50	Sing e unit, as above.	1
	0-584-90	Sp ash proof in line fuseho der protected to IP66. For 32mm fuses up to 10A rating. Mou ded in po ybuty ene with PVC grommets and a nitri e "O" ring. Nicke p ated brass screw termina cab e connection.	5
	5-584-90	Sing e unit, as above.	1
	0-584-10	In line fuseho der for continenta fuses. Mou ded back pheno , bayonet fixing, with 6.3mm b ade termina cab e connections. Supp ied with 8A rated ceramic fuse.	5
	0-584-20	In line fuseho der for 20mm radio fuses. Mou ded back pheno , with 0.65mm ² f ying eads and 6.3mm b ade termina s. Supp ied with 2A rated fuse.	5
	5-584-20	Sing e unit, as above.	1
	0-584-02	In line fuseho der for 20mm radio fuses. Mou ded back pheno , bayonet fixing, with cab e connections to screw termina s. Supp ied with 2A rated fuse.	5
	0-372-90	Mini blade fuse ho der with f ying eads and snap on sp ash proof cover. Maximum fuse rating 15A continuous.	5
	5-372-90	Sing e unit, as above.	1
	0-372-99	'Add a Circuit' mini blade fuse ho der, adds one extra fuse when use to rep ace a blade fuse in a fuse . Maximum fuse rating 10A continuous.	5
	5-372-99	Sing e unit, as above.	1

CABLE AND WIRING ACCESSORIES

Panel mounted fuse holders | In-line fuse holders

Product	Part No	Description	Quantity
	0-376-02	Base fuse holder with bracket, supplied with terminals. Can be clipped together to make multiple fuse blocks and can also be gang mounted to relay bushead sockets.	1
	0-376-03	Spashproof base fuse holder, complete with terminals for 0.5 - 1.5mm cable, silicon cable seals and bushead mounting plate. Suitable for up to 30A base fuses with a maximum continuous current 21As. Can be clipped together to make multiple fuse block.	1
	0-376-00 0-376-01	Base fuse holder, 6.3mm base terminal. Can be clipped together to make multiple fuse block. Fuse holder. Mounting plate for above.	10 10
	0-376-50	Panel mounted base fuse holder for mounting into a hole 22 x 11mm. 6.3mm base terminal. Maximum fuse rating 30A continuous.	10
	0-376-60	Base fuse holder with flying leads. Maximum fuse rating 30A continuous.	5
	5-376-60	Single unit, as above.	1
	0-376-90	Base fuse holder with flying leads and snap on spash proof cover. Maximum fuse rating 30A continuous.	5
	5-376-90	Single unit, as above.	1
	0-376-99	'Add a Circuit' base fuse holder, adds one extra fuse when use to replace a base fuse in a fuse. Maximum fuse rating 10A continuous.	5
	5-376-99	Single unit, as above.	1
	0-377-90	Maxi base in line Fuse Holder with flying leads and spash proof cover. Maximum fuse rating of 100A continuous.	1
	0-377-00	Maxi base fuse holder, supplied with 2 sizes of terminals for 4-10mm ² cable and a mounting bracket. Can be clipped together to make multiple fuse block.	1

CABLE AND WIRING ACCESSORIES

Fuse holders | Fuse boxes

Product	Part No	Description	Quantity
	0-378-00	Strip link fuse holder for 0 378 xx and MIDI range of fuses, M5 studs.	1
	0-378-85	MIDI fuse holder, side stackable. For the MIDI range of fuses up to 200A rating, M5 studs.	1
	0-376-85	MEGA fuse holder, side stackable. For the MEGA range of fuses up to 500A rating, M8 studs.	1
	0-234-34 0-234-36 0-234-30	Fuse box for mini blade type fuses, common busbar for input with M5 stud and 6.3mm blade terminal outputs. Maximum busbar load 100As. 4 way 6 way 10 way	1
	0-234-44 0-234-46 0-234-40	Fuse box for blade type fuses, common busbar for input with M5 stud and 6.3mm blade terminal outputs. Maximum busbar load 100As. 4 way 6 way 10 way	1
	0-234-14 0-234-16	Blade fuse box, 6.3mm blade terminal cable connections 2 hole fixing. Supplied without fuses. 4 way 6 way	1 1
	0-234-24 0-234-26 0-234-28	Blade fuse box, 6.3mm blade terminals cable connections 2 hole fixing. Supplied without fuses. 4 way 6 way 8 way	1 1 1






CABLE AND WIRING ACCESSORIES

Fuse boxes | Circuit breakers

Product	Part No	Description	Quantity
	0-234-18	Base fuse box, 8 way through pane mounting. 6.3mm base terminal cable connections. Supplied without fuses.	1
	New 0-234-60	Splashproof base fuse box with LED indicators, 10 way, max 25A per fuse, 150A total fuse box.	1
	0-237-00	Fuse box, 2 way for 29mm glass fuses with storage for 2 spare fuses. Surface mounting, 6.3mm base terminal. Supplied without fuses. Replaces 54038068, 4FJ.	1
	0-237-06	Fuse box, 4 way, for 29mm glass fuses with storage for 2 spare fuses. Through pane mounting, 6.3mm base terminal. Supplied without fuses. Replaces 6FJ, 37409 and 37564.	1
	0-237-07	Fuse box, 4 way, for 29mm glass fuses with storage for 2 spare fuses. Surface mounting, 6.3mm base terminal. Supplied without fuses. Replaces 7FJ, 37420 and 37552.	1
	0-237-01	Fuse box, 4 way for 29mm glass fuses. Surface mounting with screw terminals. Supplied without fuses. Replaces 54038067, SF4.	1
		Continental type fuse box with screw terminals. Supplied with 8A ceramic fuses.	
	0-234-02	2 way fuse	1
	0-234-00	4 way fuse	1
	0-236-00	6 way fuse	1
	0-234-08	8 way fuse	1
	0-234-12	12 way fuse	1
	0-234-99	Bridge for continental type screw terminal fuses.	25
		Circuit breaker, for 12/24 volt dc systems. Thermal with manual reset. Will replace standard mini base fuses in many fuseholders and boxes.	1
		Rated at	colour
	0-380-55	5A	tan
	0-380-58	7.5A	brown
	0-380-60	10A	red
	0-380-65	15A	blue
	0-380-70	20A	yellow
	0-380-75	25A	white
	0-380-80	30A	green







CABLE AND WIRING ACCESSORIES

Circuit breakers

Product	Part No	Description	Quantity
		Circuit breaker, for 12/24 volt dc systems. Thermal bimetallic with manual reset. Will replace standard blade fuses in many fuseholders and boxes.	1
	0-380-06	Rated at 6A	colour green
	0-380-08	8A	tan
	0-380-10	10A	red
	0-380-15	15A	blue
	0-380-20	20A	yellow
	0-380-25	25A	white
	0-380-30	30A	light green
		Circuit breaker, for 12/24 volt dc systems. Thermal bimetallic high performance double contact mechanism with manual reset and manual trip. Will replace standard blade fuses in many fuseholders and boxes.	1
	0-381-06	Rated at 6A	
	0-381-08	8A	
	0-381-10	10A	
	0-381-15	15A	
	0-381-20	20A	
	0-381-25	25A	
		Circuit breaker, for 12/24 volt dc systems. Thermal bimetallic with reset push button and manual trip. For panel hole, 13.8 x 16mm.	1
	0-382-02	Rated at 2.5A	
	0-382-05	5A	
	0-382-07	7A	
	0-382-10	10A	
	0-382-15	15A	
	0-382-97	Spash proof cover for the above.	
			Circuit breaker, for 12/24 volt dc systems. Thermal bimetallic with manual reset. For panel mounting in 9.6mm diameter hole or on 6.3mm blade base, (part numbers 0-384-98 or 0-384-99).
0-383-05		Rated at 5A	
0-383-07		7A	
0-383-10		10A	
0-383-15		15A	
0-383-20		20A	
0-383-25		25A	
0-384-97		Spash proof cover for the above.	
		Circuit breaker, for 12/24 volt dc systems. Thermal bimetallic with manual reset and manual trip. For panel mounting in 9.6mm diameter hole or on 6.3mm blade base, part numbers 0-384-98 blade or 0-384-99 screw.	1
	0-384-05	Rated at 5A	
	0-384-07	7A	
	0-384-10	10A	
	0-384-15	15A	
	0-384-20	20A	
	0-384-25	25A	
	0-384-97	Spash proof cover for the above.	









CABLE AND WIRING ACCESSORIES

Circuit breakers | Fuse sets

Product	Part No	Description	Quantity																								
	<p>0-385-05 0-385-07 0-385-10 0-385-15 0-385-20 0-385-25</p>	<p>Circuit breaker, for 12/24 volt dc systems. Thermally bimetallic with manual re-set and manual trip. For mounting on pin base, part numbers 0 385 98 base or 0 385 99 screw connectors.</p> <p>Rated at 5A 7A 10A 15A 20A 25A</p>	1																								
	<p>0-388-20 0-388-30 0-388-40 0-388-50 0-388-60 0-388-70 0-388-97</p>	<p>Circuit breaker, for 12/24 volt dc systems. Thermally bimetallic with manual re-set. For panel mounting in 12mm diameter hole.</p> <p>Rated at 20A 30A 40A 50A 60A 70A</p> <p>Spash proof cover for the above.</p>	1																								
	<p>0-386-50 0-386-80 0-386-10 0-386-12</p>	<p>Circuit breaker, for 12/24 volt dc systems. Hydraulic magnetic with trip free operation and toggle actuation. For panel mounting in 15.4mm hole, front fixing using 2 x M3 screws, 44.7mm fixing centre. M6 cable studs.</p> <p>Rated at 50A 80A 100A 125A</p>	1																								
	<p>0-387-02 0-387-04 0-387-06 0-387-08</p>	<p>Circuit breaker, for 12/24 volt dc systems. Thermally bimetallic rocker switch with manual re set and manual trip. Illuminated when on. For panel hole 12.7 x 28mm.</p> <p>Rated at 2A 4A 6.3A 8A</p>	1																								
	<p>0-384-98 0-385-98 0-384-99 0-385-99</p>	<p>Moulded plastic mounting bases accommodating 2 circuit breakers. Can be joined together to form a bank.</p> <p>Accepts 6.3mm bases, cable connection 6.3mm base. Accepts 4.4mm pins, cable connection 6.3mm base.</p> <p>Accepts 6.3mm bases, cable connection screw terminals. Accepts 4.4mm pins, cable connection screw terminals.</p>	1																								
	0-235-00	<p>Kit of assorted fuses in a sectionaised plastic box.</p> <p>Comprises:</p> <table border="0"> <tr> <td>0 230 05 x 10</td> <td>0 374 10 x 10</td> <td>0 375 03 x 10</td> <td>0 375 20 x 10</td> </tr> <tr> <td>0 230 08 x 20</td> <td>0 374 15 x 10</td> <td>0 375 05 x 10</td> <td>0 375 25 x 10</td> </tr> <tr> <td>0 230 16 x 20</td> <td>0 374 25 x 10</td> <td>0 375 07 x 10</td> <td>0 375 30 x 10</td> </tr> <tr> <td>0 230 25 x 10</td> <td>0 374 30 x 10</td> <td>0 375 10 x 10</td> <td>0 696 03 x 10</td> </tr> <tr> <td>0 374 02 x 10</td> <td>0 374 40 x 10</td> <td>0 375 15 x 10</td> <td>0 696 13 x 20</td> </tr> <tr> <td>0 374 05 x 10</td> <td>0 374 50 x 10</td> <td></td> <td></td> </tr> </table>	0 230 05 x 10	0 374 10 x 10	0 375 03 x 10	0 375 20 x 10	0 230 08 x 20	0 374 15 x 10	0 375 05 x 10	0 375 25 x 10	0 230 16 x 20	0 374 25 x 10	0 375 07 x 10	0 375 30 x 10	0 230 25 x 10	0 374 30 x 10	0 375 10 x 10	0 696 03 x 10	0 374 02 x 10	0 374 40 x 10	0 375 15 x 10	0 696 13 x 20	0 374 05 x 10	0 374 50 x 10			1
0 230 05 x 10	0 374 10 x 10	0 375 03 x 10	0 375 20 x 10																								
0 230 08 x 20	0 374 15 x 10	0 375 05 x 10	0 375 25 x 10																								
0 230 16 x 20	0 374 25 x 10	0 375 07 x 10	0 375 30 x 10																								
0 230 25 x 10	0 374 30 x 10	0 375 10 x 10	0 696 03 x 10																								
0 374 02 x 10	0 374 40 x 10	0 375 15 x 10	0 696 13 x 20																								
0 374 05 x 10	0 374 50 x 10																										



CABLE AND WIRING ACCESSORIES

Terminal kits | Slave leads

Product	Part No	Description	Quantity
	0-203-00	Pre insulated terminal kit and tool in a sectionalised plastic box. Comprises: 0 001 01 x 25 0 001 11 x 50 0 001 17 x 50 0 001 27 x 25 0 001 09 x 50 0 001 13 x 50 0 001 19 x 15 0 001 31 x 50 0 001 10 x 50 0 001 15 x 25 0 001 21 x 25 0 001 32 x 50 and tool 0 702 00	1
	0-208-00	Pre-insulated terminal kit in a sectionalised plastic box. Comprises: 0-001-01 x 25 0-001-11 x 50 0-001-17 x 50 0-001-27 x 25 0-001-09 x 50 0-001-13 x 50 0-001-19 x 15 0-001-31 x 50 0-001-10 x 50 0-001-15 x 25 0-001-21 x 25 0-001-32 x 50	1
	0-207-00	Uninsulated terminal kit and tool in a sectionalised plastic box. Comprises: 0-005-39 x 25 0-005-40 x 25 0-005-41 x 25 0-004-71 x 20 0-004-72 x 15 0-005-20 x 40 0-005-21 x 20 0-011-24 x 25 0-005-22 x 20 0-005-23 x 10 0-005-12 x 20 0-006-03 x 15 0-006-10 x 15 and tool 0-703-00	1
	0-206-00	Uninsulated terminal kit in a sectionalised plastic box. Comprises: 0-002-52 x 25 0-005-12 x 20 0-005-22 x 20 0-006-03 x 15 0-004-71 x 20 0-005-20 x 40 0-005-23 x 10 0-006-10 x 15 0-004-72 x 15 0-005-21 x 20 0-005-39 x 25 0-010-51 x 25 0-005-40 x 25 0-010-53 x 10 0-005-41 x 25 0-560-00 x 10	1
	0-204-00	Set of two slave leads, 2.5 metres long, 266/0.30mm, 20mm ² , 135A PVC insulated cable. Fitted with plated steel crocodile clips.	1 set
	0-205-00	As above but 5 metres long.	1 set
	0-204-10	Set of two heavy duty slave leads, 2.5 metres long, 322/0.30mm, 25mm ² , 170A PVC insulated cable. Fitted with plated steel crocodile clips.	1 set
	0-205-10	As above but 5 metres long.	1 set

CABLE AND WIRING ACCESSORIES

Slave leads

Product	Part No	Description	Quantity
	0-205-11	Set of two heavy duty slave leads, 5 metres long, 322/0.30mm, 25mm ² , 170A PVC insulated cable with plated steel crocodile clips. Fitted with 0 431 75 connectors at 1 metre in line.	1 set
	0-204-20	Set of two extra heavy duty slave leads, 2.5 metres long, 539/0.30mm, 40mm ² , 300A PVC insulated cable. Fitted with solid copper crocodile clips with copper braid bonded jaws.	1 set
	0-205-20	As above but 5 metres long.	1 set

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VOLTAGE INVERTERS









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VOLTAGE INVERTERS

Sine wave voltage inverters

Product	Part No	Description	Quantity
	0-857-01	Sine wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 125W continuous with a quiescent current <0.6A. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with a standard UK 3 pin socket outlet, on/off switch, cigarette lighter plug and cable.	1
	0-857-51	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
	0-857-02	Sine wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 250W continuous with a quiescent current <0.8A. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with a standard UK 3 pin socket outlet and on/off switch.	1
	0-857-52	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
	0-857-05	Sine wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 500W continuous with a quiescent current <0.9A. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with a standard UK 3 pin socket outlet and on/off switch.	1
	0-857-55	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
	New 0-857-08	Sine wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 800W continuous with a quiescent current <0.7A. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with a standard UK 3 pin socket outlet and on/off switch.	1
	New 0-857-58	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
	New 0-857-22	Sine wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 2200W continuous with a quiescent current <1.5A. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with a standard UK 3 pin socket outlet and on/off switch.	1
	New 0-857-72	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
	New 0-857-27	Sine wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 2700W continuous with a quiescent current <2A. Protected against over load, over temperature, low battery, high input voltage and short circuit. Supplied with a standard UK 3 pin socket outlet and on/off switch.	1
	New 0-857-77	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1

VOLTAGE INVERTERS

Sine wave voltage inverters







Specifications

Part Number	0-857-01 (12V)	0-857-02 (12V)	0-857-05 (12V)	0-857-08 (12V)	0-857-22 (12V)	0-857-27 (12V)
Output power	125W	250W	500W	800W	2200W	2700W
Output surge (5 sec)	375W	750W	1500W	1600W	4400W	5400W
AC outputV	230V	230V	230V	230V	230V	230V
Regulation	±3%	±3%	±3%	5%	5%	5%
Output waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
DC inputV	10 15V	10 15V	10 15V	10 15V	10 15V	10 15V
Low battery alarm	10.5V ± 0.5V	10.5V ± 0.5V	10.5V ± 0.5V	10.5 ± 0.5V	10.5V ± 0.5V	10.5V ± 0.5V
LowV shutdown	10V ± 0.5V	10V ± 0.5V	10V ± 0.5V	10.0 ± 0.5V	10V ± 0.5V	10V ± 0.5V
HighV shutdown	16V ± 0.5V	16V ± 0.5V	16V ± 0.5V	16.0V ± 0.5V	16.0V ± 0.5V	16V ± 0.5V
Frequency ±1%	50 Hz	50 Hz	50 Hz	50hz	50hz	50hz
Efficiency	85%	85%	85%	85%	85%	85%
No load current	< 0.6A	< 0.8A	< 0.9A	< 1.3A	< 1.5A	< 2.0A
Overtemp protection	60°C ± 10°C	60°C ± 10°C	60°C ± 10°C	60 ± 10°C	60 ± 10°C	60 ± 10°C
Cooling fan	No	Yes	Yes	Yes	Yes	Yes
Overload alarm	> 150W	> 300W	> 600W	> 960W	> 2640W	> 3240W
Overload shutdown	150 ~ 195W	300 ~ 390W	600 ~ 780W	960W ~ 1280W	2640W ~ 3540W	3240W ~ 4320W
Reset	1 ~ 5 sec	1 ~ 5 sec	1 ~ 5 sec	1 ~ 5 sec	1 ~ 5 sec	1 ~ 5 sec
Short circuit protected	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions (x w x h)	170 x 230 x 76mm	170 x 300 x 76mm	170 x 375 x 76mm	390 x 223 x 103mm	480 x 289 x 100mm	540 x 289 x 100mm
Net weight	1.5 Kg	1.77 Kg	3.16 Kg	6.18 Kg	9.4 Kg	10.4 Kg

Part Number	0-857-51 (24V)	0-857-52 (24V)	0-857-55 (24V)	0-857-58 (24V)	0-857-72 (24V)	0-857-77 (24V)
Output power	125W	250W	500W	800W	2200W	2700W
Output surge (5 sec)	375W	750W	1500W	1600W	4400W	5400W
AC outputV	230V	230V	230V	230V	230V	230V
Regulation	±3%	±3%	±3%	5%	5%	5%
Output waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
DC inputV	20 30V	20 30V	20 30V	20 30V	20 30V	20 30V
Low battery alarm	20.5V ± 1.0V	20.5V ± 1V	20.5V ± 1V	21V ± 1V	21V ± 1V	21V ± 1V
LowV shutdown	20.0V ± 1.0V	20V ± 1V	20V ± 1V	20V ± 1V	20V ± 1V	20V ± 1V
HighV shutdown	32.0V ± 1.0V	32V ± 1V	32V ± 1V	32V ± 1V	32V ± 1V	32V ± 1V
Frequency ±1%	50 Hz	50 Hz	50 Hz	50hz	50hz	50hz
Efficiency	85%	85%	85%	85%	85%	85%
No load current	< 0.5A	< 0.6A	< 0.6A	< 0.7A	< 1.0A	< 1.5A
Overtemp protection	60°C ± 10°C	60°C ± 10°C	60°C ± 10°C	60 ± 10°C	60 ± 10°C	60 ± 10°C
Cooling fan	No	Yes	Yes	Yes	Yes	Yes
Overload alarm	> 150W	> 300W	> 600W	> 960W	> 2640W	> 3240W
Overload shutdown	150 ~ 195W	300 ~ 390W	600 ~ 780W	960W ~ 1280W	2640W ~ 3540W	3240W ~ 4320W
Reset	1 ~ 5 sec	1 ~ 5 sec	1 ~ 5 sec	1 ~ 5 sec	1 ~ 5 sec	1 ~ 5 sec
Short circuit protected	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions (x w x h)	170 x 230 x 76mm	170 x 300 x 76mm	170 x 375 x 76mm	390 x 223 x 103mm	480 x 289 x 100mm	540 x 289 x 100mm
Net weight	3.84 Kg	4.6 Kg	4.6 Kg	6.18 Kg	9.4 Kg	10.4 Kg



VOLTAGE INVERTERS

Modified wave voltage inverters

Product	Part No	Description	Quantity
	0-856-01	Modified wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 125W continuous with a quiescent current <0.25A. Protected against over load, over temperature, low battery and short circuit. Supplied with a standard 3 pin socket outlet, on/off switch and cigarette lighter plug and cable.	1
	0-856-51	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
	0-856-02	Modified wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 250W continuous with a quiescent current <0.65A. Protected against over load, over temperature, low battery and short circuit. Supplied with a standard 3 pin socket outlet and on/off switch.	1
	0-856-52	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
	0-856-05	Modified wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 500W continuous with a quiescent current <0.95A. Protected against over load, over temperature, low battery and short circuit. Supplied with a standard 3 pin socket outlet and on/off switch.	1
	0-856-55	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
	0-856-10	Modified wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 1,000W continuous with a quiescent current <0.50A. Protected against over load, over temperature, low battery and short circuit. Supplied with a standard 3 pin socket outlet, on/off/remote switch, LED indicators for voltage and consumption.	1
	0-856-60	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
	0-856-15	Modified wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 1500W continuous with a quiescent current <0.60A. Protected against over load, over temperature, low battery and short circuit. Supplied with a standard 3 pin socket outlet, on/off/remote switch, LED indicators for voltage and consumption.	1
	0-856-65	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
	0-856-16	Modified wave voltage inverter, input 10 15V DC to 110V AC 50Hz output. Rated at 1500W continuous with a quiescent current <0.60A. Protected against over load, over temperature, low battery and short circuit. Supplied with a 3 pin 110V socket outlet to BS4343, on/off/remote switch, LED indicators for voltage and consumption.	1
	0-856-66	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1

VOLTAGE INVERTERS

Modified wave voltage inverters

Product	Part No	Description	Quantity
	New 0-856-22	Modified wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 2200W continuous with a quiescent current <1.2A. Protected against over load, over temperature, low battery and short circuit. Supplied with a standard UK 3 pin socket outlet, on/off switch and cigarette lighter plug and cable.	1
	New 0-856-72	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
	New 0-856-30	Modified wave voltage inverter, input 10 15V DC to 230V AC 50Hz output. Rated at 3000W continuous with a quiescent current <1.0A. Protected against over load, over temperature, low battery and short circuit. Supplied with a standard UK 3 pin socket outlet, on/off switch and cigarette lighter plug and cable.	1
	New 0-856-80	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1

Possible applications:

The applications chart is only meant as a guide, individual applications must be checked for their power requirements. Not all electronic products will work with modified wave inverters, e.g. laptops, battery chargers, fluorescent lighting; pure sine wave inverters are recommended for these sensitive electronic devices.

	125W	250W	500W	1000W	1500W	2000W	2500W	3000W
Radio / Laptop / Television	√	√	√	√	√	√	√	√
Video / Fax machine		√	√	√	√	√	√	√
Small power tools / 500W halogen lamp			√	√	√	√	√	√
Drip / Coffee maker / Hair dryer				√	√	√	√	√
Microwave (>600W) / Kettle					√	√	√	√
Large power tools						√	√	√
Small fridge / Freezer							√	√
Electric heater / Sauna stove								√

VOLTAGE INVERTERS

Modified wave voltage inverters

Specifications

Part Number	0-856-01 (12V)	0-856-02 (12V)	0-856-05 (12V)	0-856-10 (12V)	0-856-15 (12V)	0-856-16 (12V)
Output power	125W	250W	500W	1000W	1500W	1500W
Output surge (5 sec)	450W	1000W	1500W	2000W	3000W	3000W
AC outputV	230V	230V	230V	230V	230V	230V
Regulation	±10%	±10%	±10%	±5%	±5%	±5%
Output waveform	Modified wave	Modified wave	Modified wave	Modified wave	Modified wave	Modified wave
DC inputV	10 15V	10 15V	10 15V	10 15V	10 15V	10 15V
Low battery alarm	10.5V ±0.5V	10.5V ±0.5V	10.5V ±0.5V	10.5V ±0.5V	10.5V ±0.5V	10.5V ±0.5V
LowV shutdown	10V ±0.5V	10V ±0.5V	10V ±0.5V	10V ±0.5V	10V ±0.5V	10V ±0.5V
Frequency ±1%	50 Hz	50 Hz	50 Hz	50hz	50hz	50hz
Efficiency	90%	90%	90%	85 90%	85 90%	85 90%
No load current	< 0.4A	< 0.65A	< 0.95A	< 0.6A	< 0.9A	< 0.9A
Overtemp protection	55°C ± 5°C	55°C ± 5°C	55°C ± 5°C	55°C ± 5°C	55°C ± 5°C	55°C ± 5°C
Cooling fan	No	Yes	Yes	Yes	Yes	Yes
Over load protection	Yes	Yes	Yes	Yes	Yes	Yes
Short circuit protection	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions (x w x h)	240 x 138 x 76mm	240 x 158 x 76mm	240 x 233 x 76mm	240 x 363 x 76mm	240 x 433 x 76mm	240 x 433 x 76mm
Net weight	1.5 Kg	1.77 Kg	3.16 Kg	3.84 Kg	4.6 Kg	4.6 Kg

Part Number	0-856-51 (24V)	0-856-52 (24V)	0-856-55 (24V)	0-856-60 (24V)	0-856-65 (24V)	0-856-66 (24V)
Output power	125W	250W	500W	1000W	1500W	1500W
Output surge (5 sec)	450W	1000W	1500W	2000W	3000W	3000W
AC outputV	230V	230V	230V	230V	230V	230V
Regulation	±10%	±10%	±10%	±5%	±5%	±5%
Output waveform	Modified wave	Modified wave	Modified wave	Modified wave	Modified wave	Modified wave
DC inputV	20 30V	20 30V	20 30V	20 30V	20 30V	20 30V
Low battery alarm	21V ±1.0V	21V ±1.0V	21V ±1.0V	21V ±1.0V	21V ±1.0V	21V ±1.0V
LowV shutdown	20V ±1.0V	20V ±1.0V	20V ±1.0V	20.0V ±1.0V	20V ±1.0V	20V ±1.0V
Frequency ±1%	50 Hz	50 Hz	50 Hz	50hz	50hz	50hz
Efficiency	90%	90%	90%	85 90%	85 90%	85 90%
No load current	< 0.2A	< 0.4A	< 0.65A	< 0.4A	< 0.6A	< 0.6A
Overtemp protection	55°C ± 5°C	55°C ± 5°C	55°C ± 5°C	55°C ± 5°C	55°C ± 5°C	55°C ± 5°C
Cooling fan	No	Yes	Yes	Yes	Yes	Yes
Over load protection	Yes	Yes	Yes	Yes	Yes	Yes
Short circuit protection	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions (x w x h)	240 x 138 x 76mm	240 x 158 x 76mm	240 x 233 x 76mm	240 x 363 x 76mm	240 x 433 x 76mm	240 x 433 x 76mm
Net weight	1.5 Kg	1.77 Kg	3.16 Kg	3.84 Kg	4.6 Kg	4.6 Kg

VOLTAGE INVERTERS

Modified wave voltage inverters

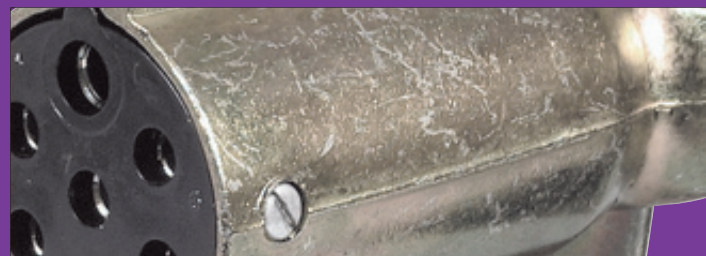
Specifications

Part Number	0-856-22 (12V)	0-856-30 (12V)
Output power	2200W	3000W
Output surge (5 sec)	4400W	6000W
AC outputV	230V	230V
Regulation	±5%	±5%
Output waveform	Modified wave	Modified wave
DC inputV	10-15V	10-15V
Low battery alarm	11V ±0.5V	10.5V ±0.5V
LowV shutdown	10.5V ±0.5V	10V ±0.5V
Frequency ±1%	50 Hz	50 Hz
Efficiency	90%	90%
No load current	< 1.2A	< 1A
Overtemp protection	55°C ± 5°C	55°C ± 5°C
Cooling fan	Yes	Yes
Overload protection	Yes	Yes
Short circuit protection	Yes	Yes
Dimensions (x w x h)	470 x 203 x 116mm	400 x 135 x 148mm
Net weight	4.9 Kg	5.9 Kg

Part Number	0-856-72 (24V)	0-856-80 (24V)
Output power	2200W	3000W
Output surge (5 sec)	4400W	6000W
AC outputV	230V	230V
Regulation	±5%	±5%
Output waveform	Modified wave	Modified wave
DC inputV	20-30V	20-30V
Low battery alarm	21V ±1V	21V ±1V
LowV shutdown	20V ±1V	20V ±1V
Frequency ±1%	50 Hz	50 Hz
Efficiency	90%	90%
No load current	< 0.7A	< 0.9A
Overtemp protection	55°C ± 5°C	55°C ± 5°C
Cooling fan	Yes	Yes
Overload protection	Yes	Yes
Short circuit protection	Yes	Yes
Dimensions (x w x h)	470 x 203 x 116mm	400 x 135 x 148mm
Net weight	4.9 Kg	5.9 Kg

6

EQUIPMENT AND ACCESSORIES
























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Please use the Next and Previous buttons at the sides to navigate






EQUIPMENT AND ACCESSORIES

Pumps | Solenoid valves

Product	Part No	Description	Quantity
	0-673-65	12V self priming up to 1.0m transfer pump for lubricating oils. Helicoidal bronze gears and nickel plated brass body, stainless steel shaft, supplied with 6mm and 8mm flexible suction pipes, flow rate from 20 to 60 litres/hr. Idea for removing oil from marine and plant engines where the sump is inaccessible.	1
	0-673-77	24V version of the above.	1
	0-673-66	12V version of above, self priming up to 1.5m with flow rate from 25 to 75 litres/hr.	1
	0-673-78	24V version of the above.	1
	0-673-63	12V self priming up to 1.5m transfer pump for non flammable liquids. Helicoidal bronze gears and nickel plated brass body, stainless steel shaft, 14mm pipes and a stainless steel inlet filter, flow rate up to 15 litres/min and pressure up to 2 bar, allowing a maximum head of 20 metres.	1
	0-673-75	24V version of the above.	1
	0-673-98	Replacement filter kit for above.	1
	0-673-64	12V version as above with 17mm pipes and flow rate up to 26 litres/min.	1
	0-673-76	24V version of the above.	1
	0-673-99	Replacement filter kit for above.	1
	0-673-13	12V self priming up to 1.5m transfer pump for corrosive liquids. Helicoidal PTFE gears, stainless steel AISI 316 body and shaft with Fluorocastomer lip seals, 13mm pipes and a stainless steel inlet filter, flow rate up to 15 litres/min, allowing a maximum head of 20 metres.	1
	0-673-25	24V version of the above.	1
	0-673-12	12V diaphragm pressure fuel pump, electronically switched. 125 litres per hour. Pressure 0.30 bar. Suction 0.10 bar. Not suitable for bio diesel. ECE approved.	1
	0-673-24	24V version of the above delivering 125 litres per hour.	1
	0-296-12	12V suction version of the above. 130 litres per hour. Pressure 0.15 bar. Suction 0.20 bar. ECE approved.	1
	0-296-24	24V version of the above delivering 135 litres per hour.	1
	0-673-00	Petro pump contact assembly (2 contacts). SU AUA / 6021.	1
	0-296-00	Petro pump contact assembly (1 contact). SU SR1438.	1
	0-129-12	Anti theft 12V solenoid valve for petrol and diesel, cuts off fuel when not energised. Bore of 3.5mm, pressure 0.3 bar, flow coefficient of 0.28. 8mm OD. Protected to IP65.	1
	0-129-62	Large bore version of above with a bore of 6.0mm, flow coefficient of 0.60. 11mm OD.	1
	0-129-24	24V version of the above.	1

EQUIPMENT AND ACCESSORIES

Voltage converters

Product	Part No	Description	Quantity
<p>A range of 24 to 12V voltage converters featuring silicon encapsulated components in a proven design, for reliability and low quiescent current. Type approved to 72/245/EEC as amended by 95/54/EEC, e11.</p>			
	0-578-00	1.5A continuous, 2A intermittent load, linear construction non isolated return. For radios and cassette players.	1
	0-578-05	5A continuous, 7A intermittent load, switch mode isolated return. For radios, cell phones and CB.	1
	0-578-16	5A continuous, 7A intermittent load, switch mode isolated return, with isolated earth leakage meeting Petroleum Institute recommendations.	1
	0-578-55	5A continuous, 7A intermittent load, switch mode isolated return, with 40mA auxiliary output to power radio memories etc.	1
	0-578-10	10A continuous, 15A intermittent load, switch mode isolated return. For most applications including heavy duty communications.	1
	0-578-60	10A continuous, 15A intermittent load, switch mode isolated return, with 40mA auxiliary output to power radio memories etc.	1
	0-578-22	22A continuous, 28A intermittent load, switch mode isolated return. For most applications including heavy duty communications.	1
<p>12 to 24V voltage converter featuring silicon encapsulated components in a proven design, for reliability and low quiescent current. Type approved to 72/245/EEC as amended by 95/54/EEC.</p>			
	0-578-20	12 to 24V, 10A continuous, 15A intermittent. Switch mode non isolated return. Quiescent current consumption 190mA. 150 x w 85 x h 38mm.	1

EQUIPMENT AND ACCESSORIES

Voltage converters

Product	Part No	Description	Quantity
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A range of 24 to 12V voltage converters of a reliable established design, featuring the latest technology to give high conversion efficiency, typically greater than 85%, low quiescent current, and excellent reliability. Installed with a single, clip-on bracket. CE, EMC, e11, e13 and ISO approved for automotive.



0-578-03	3A continuous, 6A intermittent load, switch mode non isolated return. For radio and cassette players.	1
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0-578-53	An isolated return version of the above meeting Petroleum Institute recommendations.	1
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0-578-06	6A continuous, 10A intermittent load, switch mode non isolated return. For radio, cassette players, CD players and mobile telephones.	1
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0-578-56	An isolated return version of the above meeting Petroleum Institute recommendations.	1
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0-578-12	12A continuous, 18A intermittent load, switch mode non isolated return. For multiple applications or some high power audio systems.	1
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0-578-62	An isolated return version of the above meeting Petroleum Institute recommendations.	1
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0-578-18	18A continuous, 21A intermittent load, switch mode non isolated return. For multiple applications or high power audio systems.	1
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0-578-68	An isolated return version of the above meeting Petroleum Institute recommendations.	1
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0-578-24	24A continuous, 30A intermittent load, switch mode non isolated return. For high power audio systems and high frequency radio transmission.	1
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0-578-74	An isolated return version of the above meeting Petroleum Institute recommendations.	1
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Specifications:

Model: 0-578-	00	05	16	55	10	60	22	03	06	12	18	24	53	56	62	68	74
Type:linear, non-isolated return	√																
switchmode, isolated return		√	√	√	√	√	√						√	√	√	√	√
switchmode, non-isolated return								√	√	√	√	√					
Load:continuous A	1.5	5	5	5	10	10	22	3	6	12	18	24	3	6	12	18	24
intermittent A	2	7	7	7	15	15	28	6	10	18	21	30	6	10	18	21	30
Quiescent current milli-amps	6	100	100	350	100	100	120	15	15	15	15	15	15	15	15	15	15
Input voltage Vdc	20-32	20-32	20-32	20-32	20-32	20-32	20-32	20-32	20-32	20-32	20-32	20-32	20-32	20-32	20-32	20-32	20-32
Output voltage Vdc	one half the input voltage							13.6vdc +15% -20% regulated									
EMC	Type approved to 72/245/EEC as amended in 95/94/EC, e11							CE, e11, e13, 2006/96/EC, 2004/108/EC 93/68/EEC,VIDG5 AES									
Protection: overcurrent	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
overheat	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
overvoltage								√	√	√	√	√	√	√	√	√	√
transients	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
reverse connection								√	√	√	√	√	√	√	√	√	√
Length mm	85	95	95	95	150	150	180	68	88	126	166	166	88	126	166	218	218
Width mm	100	85	85	85	85	85	123	87	87	87	87	87	87	87	87	87	87
Height mm	30	46	46	46	46	46	46	50	50	50	50	50	50	50	50	50	50
Weight gms	220	465	465	465	726	726	1240	205	260	410	600	600	290	500	570	600	600

EQUIPMENT AND ACCESSORIES

Windscreen wiper motors

Product Part No Description Quantity



Switched, single shaft, single speed 40 cycles per minute, without automatic park. Starting torque 6Nm, running torque 0.9Nm. M12 shaft and M6 bolt. Tapered arm fixing to DIN 72783.

1

	Angle	Volts	Arm Fixing	Shaft Length
0-862-85	85°	12	A8 x M6	42
0-862-05	105°	12	A8 x M6	42
0-863-65	65°	12	A8 x M6	55
0-863-85	85°	12	A8 x M6	94
0-863-05	105°	12	A8 x M6	94
0-883-85	85°	24	A8 x M6	94



Switched, twin shaft, single speed 40 cycles per minute, without automatic park. Starting torque 12Nm, running torque 1.8Nm. M12 and M8 shafts with 57mm centres. Tapered arm fixing to DIN 72783.

1

	Angle	Volts	Arm Fixing	Shaft Length
0-864-80	80°	12	A8 x M6 + M8	65
0-864-95	95°	12	A8 x M6 + M8	65
0-864-05	105°	12	A8 x M6 + M8	65
0-884-80	80°	24	A8 x M6 + M8	65
0-884-95	95°	24	A8 x M6 + M8	65
0-884-05	105°	24	A8 x M6 + M8	65



Switched, twin shaft, single speed 45 cycles per minute, with right hand automatic park. Starting torque 10Nm, running torque 1.8Nm. M12 and M8 shafts with 55 mm centres. Tapered arm fixing to DIN 72783.

1

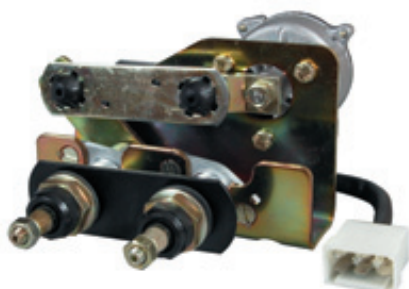
	Angle	Volts	Arm Fixing	Shaft Length
0-866-80	80°	12	A8 x M6 + M8	58
0-866-90	90°	12	A8 x M6 + M8	58
0-866-10	110°	12	A8 x M6 + M8	58
0-886-80	80°	24	A8 x M6 + M8	58
0-886-90	90°	24	A8 x M6 + M8	58
0-886-10	110°	24	A8 x M6 + M8	58



Unswitched, single speed, twin shaft, single speed 42 cycles per minute, with automatic park. Starting torque of 13 Nm, running torque 2Nm. Fitted with thermal cut out. M16 and M8 shaft on 57mm centres. Tapered arm fixing to DIN 72783.

1

	Angle	Volts	Arm Fixing	Shaft Length
0-865-90	90°	12	A8 x M6 + M8	48
0-865-10	110°	12	A8 x M6 + M8	48
0-885-90	90°	24	A8 x M6 + M8	48
0-885-10	110°	24	A8 x M6 + M8	48











Unswitched, twin shaft, two speeds of 32 and 50 cycles per minute, with right hand automatic park. Starting torque 28Nm, running torque 3.5Nm. 2 x M20 shafts on 60mm centres. Tapered arm fixing to DIN 72783.

1

	Angle	Volts	Arm Fixing	Shaft Length
0-867-00	60 70 80°	12	2 x A12 x M8	50
0-867-01	60 70 80°	12	2 x A12 x M8	80
0-887-00	60 70 80°	24	2 x A12 x M8	50
0-887-01	60 70 80°	24	2 x A12 x M8	80

EQUIPMENT AND ACCESSORIES




Windscreen wiper arms | Windscreen blades | Windscreen washer pumps

Product	Part No	Description	Quantity															
		Single adjustable length arm. Matt black, powder coated steel. Straight flat 8mm connection to the blade. For single shaft motors or where a single arm is required on a two shaft motor. Tapered A8 DIN 72783 shaft connection.	1															
		<table border="1"> <thead> <tr> <th>Length</th> <th>Blade Fixing</th> <th>Shaft Fixing</th> </tr> </thead> <tbody> <tr> <td>0-891-00</td> <td>300 400mm</td> <td>8 x 2.5mm A8 x M6</td> </tr> <tr> <td>0-891-01</td> <td>400 500mm</td> <td>8 x 2.5mm A8 x M6</td> </tr> </tbody> </table>	Length	Blade Fixing	Shaft Fixing	0-891-00	300 400mm	8 x 2.5mm A8 x M6	0-891-01	400 500mm	8 x 2.5mm A8 x M6							
	Length	Blade Fixing	Shaft Fixing															
0-891-00	300 400mm	8 x 2.5mm A8 x M6																
0-891-01	400 500mm	8 x 2.5mm A8 x M6																
		Pantograph, adjustable length arm. Matt black, powder coated steel. Two screw fixing connection to the blade. For double shaft motors. Tapered A8 DIN 72783 shaft connection.	1															
		<table border="1"> <thead> <tr> <th>Length</th> <th>Blade Fixing</th> <th>Shaft Fixing</th> </tr> </thead> <tbody> <tr> <td>0-892-00</td> <td>400 500mm</td> <td>2 screws A8 x M6 + M8</td> </tr> </tbody> </table>	Length	Blade Fixing	Shaft Fixing	0-892-00	400 500mm	2 screws A8 x M6 + M8										
	Length	Blade Fixing	Shaft Fixing															
0-892-00	400 500mm	2 screws A8 x M6 + M8																
		Pantograph, matt black powder coated, steel arm for twin shaft motors. 16.5mm pin connection. Tapered A12 DIN 72783 shaft connections.	1															
		<table border="1"> <thead> <tr> <th>Length</th> <th>Blade Fixing</th> <th>Shaft Fixing</th> </tr> </thead> <tbody> <tr> <td>0-893-50</td> <td>500mm</td> <td>16.5mm/pin 2 x A12 x M8</td> </tr> <tr> <td>0-893-60</td> <td>600mm</td> <td>16.5mm/pin 2 x A12 x M8</td> </tr> <tr> <td>0-893-70</td> <td>700mm</td> <td>16.5mm/pin 2 x A12 x M8</td> </tr> <tr> <td>0-893-80</td> <td>800mm</td> <td>16.5mm/pin 2 x A12 x M8</td> </tr> </tbody> </table>	Length	Blade Fixing	Shaft Fixing	0-893-50	500mm	16.5mm/pin 2 x A12 x M8	0-893-60	600mm	16.5mm/pin 2 x A12 x M8	0-893-70	700mm	16.5mm/pin 2 x A12 x M8	0-893-80	800mm	16.5mm/pin 2 x A12 x M8	
	Length	Blade Fixing	Shaft Fixing															
	0-893-50	500mm	16.5mm/pin 2 x A12 x M8															
	0-893-60	600mm	16.5mm/pin 2 x A12 x M8															
0-893-70	700mm	16.5mm/pin 2 x A12 x M8																
0-893-80	800mm	16.5mm/pin 2 x A12 x M8																
		Matt black powder coated steel, for single or pantograph adjustable arms 0 891 xx and 0 892 00. Two screw fixing.	1															
		<table border="1"> <thead> <tr> <th>Length</th> <th>Arm Fixing</th> </tr> </thead> <tbody> <tr> <td>0-890-30</td> <td>300mm 8 x 2.5mm</td> </tr> <tr> <td>0-890-35</td> <td>350mm 8 x 2.5mm</td> </tr> <tr> <td>0-890-40</td> <td>400mm 8 x 2.5mm</td> </tr> </tbody> </table>	Length	Arm Fixing	0-890-30	300mm 8 x 2.5mm	0-890-35	350mm 8 x 2.5mm	0-890-40	400mm 8 x 2.5mm								
	Length	Arm Fixing																
	0-890-30	300mm 8 x 2.5mm																
0-890-35	350mm 8 x 2.5mm																	
0-890-40	400mm 8 x 2.5mm																	
		Matt black powder coated steel for single or pantograph adjustable arms 0 891 xx and 0 892 00. Two screw fixing.	1															
		<table border="1"> <thead> <tr> <th>Length</th> <th>Arm Fixing</th> </tr> </thead> <tbody> <tr> <td>0-894-30</td> <td>300mm 8 x 2.5mm</td> </tr> <tr> <td>0-894-40</td> <td>400mm 8 x 2.5mm</td> </tr> <tr> <td>0-894-50</td> <td>500mm 8 x 2.5mm</td> </tr> <tr> <td>0-894-60</td> <td>600mm 8 x 2.5mm</td> </tr> </tbody> </table>	Length	Arm Fixing	0-894-30	300mm 8 x 2.5mm	0-894-40	400mm 8 x 2.5mm	0-894-50	500mm 8 x 2.5mm	0-894-60	600mm 8 x 2.5mm						
	Length	Arm Fixing																
	0-894-30	300mm 8 x 2.5mm																
	0-894-40	400mm 8 x 2.5mm																
0-894-50	500mm 8 x 2.5mm																	
0-894-60	600mm 8 x 2.5mm																	
		Matt black powder coated steel for pantograph arms 0 893 xx. 16.5mm channel and pin fixing.	1															
		<table border="1"> <thead> <tr> <th>Length</th> <th>Arm Fixing</th> </tr> </thead> <tbody> <tr> <td>0-895-50</td> <td>500mm 16.5mm + pin</td> </tr> <tr> <td>0-895-60</td> <td>600mm 16.5mm + pin</td> </tr> <tr> <td>0-895-70</td> <td>700mm 16.5mm + pin</td> </tr> <tr> <td>0-895-80</td> <td>800mm 16.5mm + pin</td> </tr> </tbody> </table>	Length	Arm Fixing	0-895-50	500mm 16.5mm + pin	0-895-60	600mm 16.5mm + pin	0-895-70	700mm 16.5mm + pin	0-895-80	800mm 16.5mm + pin						
	Length	Arm Fixing																
	0-895-50	500mm 16.5mm + pin																
	0-895-60	600mm 16.5mm + pin																
0-895-70	700mm 16.5mm + pin																	
0-895-80	800mm 16.5mm + pin																	
 	0-593-12	12V vane type pump with universal fixing bracket.	1															
	0-593-24	24V version of the above.	1															

N.B. Must not be run dry.

EQUIPMENT AND ACCESSORIES

Windscreen washer pumps

Product	Part No	Description	Quantity
 	0-594-15	12V vane type pump with meta fixing bracket. Replaces Lucas WSB 100.	1
	0-594-27	24V version of the above. N.B. Must not be run dry.	1
 	0-593-62	12V vane type pump. Push fit into bottle. Replacement for Durite washer bottle pump.	1
	0-593-74	24V version of the above. N.B. Must not be run dry.	1
 	0-594-05	12V vane type single outlet pump. Push fit into bottle. Land Rover, Rover applications.	1
		N.B. Must not be run dry.	
 	0-594-06	12V vane type single outlet pump. Push fit into bottle. Renault applications.	1
		N.B. Must not be run dry.	
 	0-594-07	12V vane type single outlet pump. Push fit into bottle. Ford, Saab, Seat, Vauxhall, Volkswagen applications.	1
		N.B. Must not be run dry.	
 	0-594-08	12V vane type single outlet pump. Push fit into bottle. Renault applications.	1
		N.B. Must not be run dry.	
 	0-594-09	12V vane type twin outlet pump. Push fit into bottle. Renault applications.	1
		N.B. Must not be run dry.	








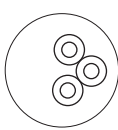







EQUIPMENT AND ACCESSORIES

Windscreen washer pumps

Product	Part No	Description	Quantity
 	0-594-10	12V vane type single outlet pump with metal fixing bracket. Skoda and universal applications. N.B. Must not be run dry.	1
 	0-594-11	12V vane type single outlet pump. Push fit into bottle. Peugeot, Renault applications. N.B. Must not be run dry.	1
 	0-594-12	12V vane type twin outlet pump. Push fit into bottle. Citroen, Fiat, Lancia, Nissan, Peugeot, Renault applications. N.B. Must not be run dry.	1
 	0-594-13	12V vane type single outlet pump. Push fit into bottle. Renault applications. N.B. Must not be run dry.	1
 	0-594-14	12V vane type single outlet pump. Push fit into bottle. Peugeot, Renault applications. N.B. Must not be run dry.	1
 	0-594-16	12V vane type twin outlet pump. Push fit into bottle. Alfa, Fiat, Lancia, Saab, Vauxhall, Volkswagen applications. N.B. Must not be run dry.	1
 	0-594-17	12V vane type single outlet pump. Push fit into bottle. Volkswagen applications. N.B. Must not be run dry.	1
 	0-594-18	12V vane type twin outlet pump. Push fit into bottle. Seat, Vauxhall, Volkswagen applications. N.B. Must not be run dry.	1









EQUIPMENT AND ACCESSORIES

Windscreen washer pumps

Product	Part No	Description	Quantity
		0-594-19 12V vane type twin out et pump. Push fit into bott e. Ford, Peugeot app ications. N.B. Must not be run dry.	1
		0-594-20 12V vane type twin out et pump. Push fit into bott e. Ford, Vo vo app ications. N.B. Must not be run dry.	1
		0-594-21 12V vane type twin out et pump. Push fit into bott e. Renau t app ications. N.B. Must not be run dry.	1
		0-594-22 12V vane type sing e out et pump. Push fit into bott e. BMW, Mercedes app ications. N.B. Must not be run dry.	1
		0-594-23 12V vane type sing e out et pump. Push fit into bott e. Audi, Fiat, Vauxha , Vo kswagen app ications. N.B. Must not be run dry.	1
		0-594-24 12V vane type twin out et pump. Push fit into bott e. Audi app ications. N.B. Must not be run dry.	1
		0-594-25 12V vane type sing e out et pump. Push fit into bott e. Bedford, Ford, Isuzu, Nissan, Rover, Yugo app ications. N.B. Must not be run dry.	1
		0-594-26 12V vane type twin out et pump. Push fit into bott e. Honda, Rover, Subaru, Toyota app ications. N.B. Must not be run dry.	1


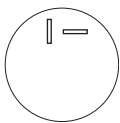



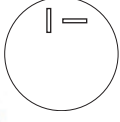
EQUIPMENT AND ACCESSORIES

Windscreen washer pumps

Product	Part No	Description	Quantity
	 0-594-28	12V vane type single outlet pump. Push fit into bottle. Citroen, Ford, Peugeot, Renault, Volvo applications. N.B. Must not be run dry.	1
	 0-594-29	12V vane type twin outlet pump. Push fit into bottle. Citroen, Daewoo, Fiat, Ford, Lancia, Peugeot, Toyota applications. N.B. Must not be run dry.	1
	 0-594-30	12V vane type single outlet pump. Push fit into bottle. Audi, BMW, Seat, Volkswagen applications. N.B. Must not be run dry.	1
	 0-594-31	12V vane type single outlet pump. Push fit into bottle. Citroen, Ford, Seat, Vauxhall, Volkswagen, Volvo applications. N.B. Must not be run dry.	1
	 0-594-32	12V vane type single outlet pump. Push fit into bottle. Mercedes, Saab, Volvo applications. N.B. Must not be run dry.	1
	 0-594-33	12V vane type single outlet pump with metal fixing bracket. Audi, BMW, Mercedes, Porsche, Volkswagen and universal applications.	1
	0-594-45	24V version of the above. Mercedes, Scania, Volvo and universal applications. N.B. Must not be run dry.	1
	 0-594-34	12V vane type single outlet pump with metal fixing bracket. Fits Mercedes, Scania, Volvo applications.	1
	0-594-46	24V version of the above. Scania, Volvo applications. N.B. Must not be run dry.	1
	 0-594-35	12V vane type single outlet pump. Push fit into bottle. Fits Saab, Volvo applications.	1
	0-594-47	24V version of the above. Scania, Volvo applications. N.B. Must not be run dry.	1



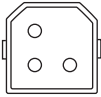



EQUIPMENT AND ACCESSORIES

Windscreen washer pumps

Product	Part No	Description	Quantity
		0-594-36 12V vane type single outlet pump. Push fit into bottle. Audi, Ford, Jaguar, Rover, Renault, Vauxhall, Volvo, Volkswagen applications. N.B. Must not be run dry.	1
		0-594-51 12V vane type pump for push fit into bottle. Replaces GWW130 for some Austin / Rover cars. N.B. Must not be run dry.	1
		0-594-52 12V vane type pump. Thread fit into bottle. Replaces GWW192 for some Austin / Rover cars. N.B. Must not be run dry.	1
		0-594-53 12V vane type pump. Push fit into bottle. Replaces 90045820, 1450156 for some popular Vauxhall / Opel cars. 0-594-59 24V version of the above. N.B. Must not be run dry.	1
		0-594-54 12V vane type pump for push fit into bottle. Replaces Lucas 6120440, 6156960, 6085824,8269 for some popular Ford cars. 0-594-60 24V version of the above. N.B. Must not be run dry.	1
		0-594-55 12V vane type pump for push fit into bottle. Replaces Lucas 6170854 for some popular Ford cars. N.B. Must not be run dry.	1
		0-594-56 12V vane type dual outlet pump for both front windscreen and rear screen washers. Push fit into bottle. Replaces Lucas 6137624 for some popular Ford cars. N.B. Must not be run dry.	1
		0-594-57 12V vane type pump for push fit into bottle. Replaces some popular Fiat, Vauxhall / Opel, and VW cars. N.B. Must not be run dry.	1












EQUIPMENT AND ACCESSORIES

Windscreen washer pumps

Product	Part No	Description	Quantity
 	0-594-61	12V vane type pump for push fit into bott e. Rep aces some popu ar Austin / Rover cars. N.B. Must not be run dry.	1
 	0-594-62	12V vane type pump. Push fit into bott e. Rep aces Renau t. N.B. Must not be run dry.	1
 	0-594-64	24V vane type sing e out et pump. Screw fit into bott e. ERF, Foden, Ley and, Seddon app ications. N.B. Must not be run dry.	1
 	0-594-65	24V vane type sing e out et pump. Push fit into bott e. Austin app ications. N.B. Must not be run dry.	1
 	0-594-66	24V vane type twin out et pump. Push fit into bott e. DAF, MAN, Scania, Vo vo app ications. N.B. Must not be run dry.	1
 	0-594-67	24V vane type sing e out et pump. Push fit into bott e. DAF, MAN, Scania, Vo vo app ications. N.B. Must not be run dry.	1
 	0-594-68	24V vane type dua out et pump. Push fit into bott e. DAF, MAN, Scania app ications. N.B. Must not be run dry.	1
 	0-594-69	24V vane type sing e out et pump with p astic fixing bracket. Scania, Vo vo and universa app ications. N.B. Must not be run dry.	1

EQUIPMENT AND ACCESSORIES

Windscreen washer pumps | Washer bottles | Washer components

Product	Part No	Description	Quantity
		0-594-70 24V vane type single outlet pump with plastic fixing bracket. Scania, Volvo and universal applications. N.B. Must not be run dry.	1
		0-594-71 24V vane type single outlet pump with plastic fixing bracket. Scania, Volvo and universal applications. N.B. Must not be run dry.	1
		0-594-72 24V vane type single outlet pump. Push fit into bottle. Scania, Volvo applications. N.B. Must not be run dry.	1
	0-593-00	1.2 litre PVC windscreen washer bottle with mounting bracket. Supplied with 12V pump. 104 x w 125 x h 195mm	1
	0-593-01	As above but with 24V pump. Replacement pump 0 593 62 12V and 0 593 74 24V.	1
	0-594-00	3.0 litre PVC windscreen washer bottle. Supplied with 12V pump. 104 x w 200 x h 195mm	1
	0-594-01	As above but with 24V pump. Replacement pump 0 593 62 12V and 0 593 74 24V.	1
	0-594-02	3.0 litre PVC windscreen washer bottle. Supplied with twin 12V pumps. 104 x w 200 x h 195mm	1
	0-594-03	As above but with twin 24V pumps. Replacement pump 0 593 62 12V and 0 593 74 24V.	1
	0-593-54	Low profile single, adjustable washer jet for 4mm windscreen washer tubing. Through pane fitting by a back nut.	1
	0-593-56	Twin, individually adjustable, washer jet for 4mm windscreen washer tubing. Through pane fitting by a back nut.	1




EQUIPMENT AND ACCESSORIES

Windscreen washer components

Product	Part No	Description	Quantity
	0-593-53	Low profile twin, individually adjustable, washer jet for 4mm windscreen washer tubing. Through pane fitting by a back nut.	1
	0-593-52	Wide angle twin, individually adjustable, washer jet for 4mm windscreen washer tubing. Through pane fitting by a back nut.	1
	0-593-51	Tall twin, individually adjustable, washer jet for 4mm windscreen washer tubing. Through pane fitting by a back nut.	1
	0-593-55	Windscreen washer nozzle with three individually adjustable jets for 4mm windscreen washer tubing. Fitting 8mm windscreen wiper arms.	1
	0-593-05	Bulkhead connector for 4mm windscreen washer tubing. Through pane fitting by a back nut.	1
	0-593-06	Plastic clip for securing 4mm rubber windscreen washer tubing to wiper arm type 0 891 xx and 0 892 xx.	10
	0-593-03	Plastic inline connector for 4mm diameter tubing.	10
	0-593-04	Plastic T piece connector for 4mm diameter tubing.	10
	0-593-07	Plastic inline non return valve for 4mm diameter tubing.	1
	0-593-16	4mm diameter tubing in clear PVC.	10m
	0-593-18	4mm diameter tubing in black rubber.	10m

EQUIPMENT AND ACCESSORIES

Electric horns

Product	Part No	Description	Quantity
		Disc horn, 2 po e, 114dB(A) at 2m. Diaphragm type with passivated and painted stee body. Supp ied with mounting strap. 91mm diameter. ECE approved.	
	0-642-05	6V 430Hz high tone, not ECE approved.	1
	0-642-07	6V 340Hz ow tone, not ECE approved.	1
	0-642-16	12V 430Hz high tone.	1
	0-642-17	12V 340Hz ow tone.	1
	0-642-26	24V 430Hz high tone.	1
	0-642-27	24V 340Hz ow tone.	1
	0-642-36	36V 430Hz high tone.	1
0-642-48	48V 430Hz high tone.	1	
0-642-72	72V 430Hz high tone.	1	
	0-642-30	Disc horn, e lectronic, contact ess 2 po e. 110dB(A) at 2m. Diaphragm type with passivated stee body. Supp ied with mounting strap. 90mm diameter. CE approved.	1
	0-642-18	Compact disc horn, 2 po e. 109dB(A) at 2m. Diaphragm type with painted stee body. Supp ied with mounting strap, 71mm diameter. ECE approved.	1
	0-642-19	12V 340Hz ow tone.	1
	0-642-12	Trumpet horn, 2 po e, 108dB(A) at 2m. Diaphragm type with mou ded b ack body and red p astic cover. Supp ied with mounting strap. 110mm diameter. ECE approved.	1
	0-642-13	12V 480Hz high tone.	1
	0-642-22	12V 420Hz ow tone.	1
	0-642-23	24V 480Hz high tone.	1
0-642-23	24V 420Hz ow tone.	1	
	0-642-10	Compact trumpet horn, 2 po e, 107dB(A) at 2m. Diaphragm type with mou ded b ack body. Supp ied with mounting strap and earth return wire. 80mm diameter. ECE approved.	1
	0-642-11	12V 500Hz high tone.	1
0-642-11	12V 440Hz ow tone.	1	
	0-642-14	Marine trumpet horn, 2 po e, high tone 109dB(A) and ow tone 107dB(A) at 2m. Diaphragm type with chromium p ated brass body and ABS trumpet, stain ess stee mounting bracket. Pre wired. 110mm dia. ECE approved.	1
	0-642-15	12V 475Hz high tone.	1
	0-642-24	12V 410Hz low tone.	1
	0-642-25	24V 475Hz high tone.	1
0-642-25	24V 410Hz ow tone.	1	
	0-642-52	Marine e lectro magnetic trumpet horns 112dB(A). Chromium p ated brass trumpets. Stain ess stee fittings. Pre wired for iso ated return. ECE approved.	1
	0-642-53	12V 390Hz high tone, 430mm ong.	1
	0-642-66	12V 340Hz ow tone, 500mm ong.	1
	0-642-67	24V 390Hz high tone, 430mm ong.	1
0-642-67	24V 340Hz ow tone, 500mm ong.	1	






EQUIPMENT AND ACCESSORIES

Air horns | Air horns valves

Product	Part No	Description	Quantity
	0-642-65	Single commercial air horn, chromium plated brass trumpet. Supplied with hand valve/fixings. ECE approved. Length 770 mm Sound level 118 dB(A) Frequency 176 Hz Pressure 2.10 bar	1
	0-642-60	Shorter version of above Length 700 mm Sound level 118 dB(A) Frequency 190 Hz Pressure 2.10 bar	1
	0-642-51	Dust cover for a above.	1
	0-642-55	Twin commercial air horn, chromium plated brass trumpet. Supplied with hand valve/fixings. ECE approved. Length 630 mm Sound level 116 dB(A) Frequency 186/234 Hz Pressure 2.10 bar	1
	0-642-50	Shorter version of above Length 440 mm Sound level 116 dB(A) Frequency 282/321 Hz Pressure 2.10 bar	1
	0-642-70	Commercial deep low tone air horn, with moulded back body and trumpet. Supplied with 24V electric solenoid valve and fixings. DGM approved. Sound level 118dB(A) at 2m Frequency 400 Hz Pressure 2.10 bar	1
	0-642-62 0-642-74	Electric solenoid valve, for use with commercial air horns. Suitable for pressures from 2.10 bar. Uses 6mm tubing. 12V. 24V.	1 1
	0-642-90	Brass foot operated air valve for use with commercial air horns. Suitable for pressures from 2.10 bar. Uses 6mm tubing.	1
	0-642-08 0-642-28	Twin electro magnetic trumpet horns, 113 dB(A) at 2m. Back ABS body and trumpet with steel bracket and red covers. Pre wired and supplied with relay. ECE approved. 12V 340 380 Hz twin tone, 397mm long. 24V 340 380 Hz twin tone, 397mm long.	1 1
	0-642-01	Electro pneumatic "old style" trumpet horn, 12V. Makes "Arrroooughaaa" sound. Not ECE approved. Sound level 102 dB(A) at 2m Frequency 500 Hz	1
	0-642-00 0-642-04	Twin tone air horns 115dB(A) at 2m, 750 800 Hz, with a 12V compact air compressor, relay, air pipe and fixing hardware. 24V version of the above.	1 1



EQUIPMENT AND ACCESSORIES

Battery voltage monitor | Dashboard gauges

Product	Part No	Description	Quantity
	0-852-00	12/24V dual battery voltage monitor, can be set for high and low voltage warning levels on 2 battery circuits, warning is indicated by highlighting the voltage on the display and an integral buzzer can also be enabled. The warning is delayed 5 seconds to prevent spurious warnings. The monitor also has a clock function and automatic sleep functions. Panel Mount. 56 x w 20 x h 66mm.	1
<p>A range of illuminated 52mm electrical dashboard gauges. Matt black bezels and white figures. Bridge type fitting.</p>			
	0-523-22	12V battery condition voltmeter, 90° sweep dial.	1
	0-523-91	Replacement 12V illumination amp.	1
	0-523-72	24V version of the above, scale 18-32V.	1
	0-523-92	Replacement 24V illumination amp.	1
	0-523-01	30 0-30A ammeter, 90° sweep dial.	1
	0-523-51	60 0-60A version of the above.	1
	0-533-91	Replacement 12V illumination amp.	1
	0-533-92	Replacement 24V illumination amp.	1
	0-523-23	12V water temperature gauge, 90° sweep dial. Supplied with 1/8" NPTF sender.	1
	0-523-91	Replacement 12V illumination amp.	1
	0-523-73	24V version of the above.	1
	0-523-92	Replacement 24V illumination amp.	1
	0-523-93	Replacement sender.	1
	0-523-15	12V oil temperature gauge, 90° sweep dial. Supplied with 1/8" NPTF sender.	1
	0-523-91	Replacement 12V illumination amp.	1
	0-523-65	24V version of the above.	1
	0-523-92	Replacement 24V illumination amp.	1
	0-523-95	Replacement sender.	1




EQUIPMENT AND ACCESSORIES

Dashboard gauges

Product	Part No	Description	Quantity
A range of illuminated 52mm electrical dashboard gauges. Matt black bezels and white figures. Bridge type fitting.			
	0-523-16	12V oil pressure gauge, 90° sweep dia. Supplied with 1/8" NPTF sender.	1
	0-523-91	Replacement 12V illumination amp.	1
	0-523-66	24V version of the above.	1
	0-523-92	Replacement 24V illumination amp.	1
	0-523-94	Replacement sender.	1
	0-523-06	12V fuel gauge, 90° sweep dia. Supplied with adjustable sender.	1
	0-523-91	Replacement 12V illumination amp.	1
	0-523-56	24V version of the above.	1
	0-523-92	Replacement 24V illumination amp.	1
	0-523-96	Replacement sender.	1
	0-523-03	12/24V quartz clock.	1
	0-523-04	12/24V digital quartz clock. LCD display with a choice of white, green or red backlight illumination.	1
	0-523-20	12V tachometer 270° sweep dia., 0 to 8,000rpm. For 4 6 8 cylinder engines with coil ignition, negative earth vehicles.	1
	0-523-08	Engine hour counter for 52mm diameter panel hole. 10-80V dc. Matt black rim and dial with white figures. Non illuminated. Bridge fitting 75mm deep.	1

EQUIPMENT AND ACCESSORIES

Dashboard gauges

Product	Part No	Description	Quantity
<p>A range of mechanical dashboard gauges for 52mm panel holes. Matt black bezels and white figures on an illuminated matt black background. Bridge type fitting. Supplied with 12 and 24V bulbs.</p>			
	0-533-16	Oil pressure gauge, 270° sweep dia . Supplied with 1/8" NPTF union and 12' copper capillary.	1
	0-533-91	Replacement 12V illumination amp.	1
	0-533-92	Replacement 24V illumination amp.	1
	0-533-98	12' copper capillary extension kit.	1
	0-533-01	Air pressure gauge, 270° sweep dia . Supplied with 1/8" NPTF union and 12' copper capillary.	1
	0-533-91	Replacement 12V illumination amp.	1
	0-533-92	Replacement 24V illumination amp.	1
	0-533-98	12' copper capillary extension kit.	1
	0-533-15	Oil temperature gauge, 270° sweep dia . Supplied with 5/8" UNF union and 12' capillary.	1
	0-533-91	Replacement 12V illumination amp.	1
	0-533-92	Replacement 24V illumination amp.	1
	0-533-23	Water temperature gauge, 270° sweep dia . Supplied with 5/8" UNF union and 12' capillary.	1
	0-533-73	As above but 100-280° Fahrenheit.	1
	0-533-91	Replacement 12V illumination amp.	1
	0-533-92	Replacement 24V illumination amp.	1
	0-533-02	Turbo boost gauge, 270° sweep dia . Supplied with 5/8" UNF union and 5' of PVC tubing. Pressure -1 to +1.5 bar.	1
	0-533-91	Replacement 12V illumination amp.	1
	0-533-92	Replacement 24V illumination amp.	1
	0-523-68	Digital LCD engine hour counter for 52mm diameter panel hole. 10-36V dc. Matt black rim and dial. Non illuminated. Bridge fitting 40mm deep.	1

EQUIPMENT AND ACCESSORIES

Dashboard gauges | Dashboard gauges accessories | Marine gauges

Product	Part No	Description	Quantity
	0-523-58	Engine hour counter for 37 x 24mm rectangular panel. 8 32V. Matt black face with white figures. Non illuminated. Bridge fitting 70mm deep.	1
	0-523-78	Tachometer and combined hour meter for 86mm diameter panel. See table 12 or 24V operation and illumination. Matt black rim and dial with white figures on matt black 270° dial. Bridge fitting. 0 to 4,000 rpm. Programmable alternator pick up.	1
	0-523-70	As above but without hour meter.	1
	0-523-80	Tachometer for 86mm diameter panel. See table 12 or 24V operation and illumination. Matt black rim with white figures on matt black 270° dial. Bridge fitting. 0 to 8,000 rpm. Programmable for alternator pick up or ignition coil.	1
		Soild brass adaptors for gauges and senders.	
	0-523-98	1/8" NPTF to M14 x 1.5, M16 x 1.5, M18 x 1.5.	1
	0-523-99	1/8" NPTF to 5/8 UNF, 3/8 NPTF, 1/8 BSP, 1/2 NPTF.	1
	0-533-99	5/8" UNF to M16 x 1.5, M18 x 1.5, 1/2 NPTF.	1
	0-523-97	'T' piece 1/8" NPTF.	1
	0-243-01	Matt black steel panels for mounting 52mm gauges. 1 hole.	1
	0-243-02	2 hole.	1
	0-243-03	3 hole.	1
	0-243-04	Gauge mounting pod for 52mm gauges (except 0 523 08), made of black ABS plastic, designed for on or under dash mounting. Supplied with fixing screws and adhesive pad.	1
<p>A range of LED illuminated 52mm plastic cased electrical marine gauges. Matt black bezels and dials with white figures. Large screw collar type fitting.</p>			
	0-525-22	12V battery condition voltmeter, 90° sweep dial.	1
	0-525-72	24V version of the above, scale 16 32v.	1






EQUIPMENT AND ACCESSORIES

Marine gauges

Product	Part No	Description	Quantity
	0-525-01	12/24V 80 0 80A ammeter, 90° sweep dia , uses inductive pick up coi .	1
	0-525-23	12/24V, 40° to 120°C water temperature gauge, 90° sweep dia . Supp ied with 1/8" NPTF sender.	1
	0-525-85	Rep acement sender.	1
	0-525-15	12/24V, 50° to 150°C oi temperature gauge, 90° sweep dia . Supp ied with 1/8" NPTF sender.	1
	0-525-85	Rep acement sender.	1
	0-525-16	12/24V, 0 to 10 bar oi pressure gauge, 90° sweep dia . Supp ied with 1/8" NPTF sender.	1
	0-523-94	Rep acement sender.	1
<p>A range of LED illuminated 52mm plastic cased electrical marine gauges. Matt black bezels and dials with white figures. Large screw collar type fitting.</p>			
	0-525-06	12/24V fue eve gauge, 90° sweep dia . Supp ied without po e tank sender.	1
	0-525-92	250mm deep stain ess stee po e tank sender.	1
	0-525-93	290mm deep stain ess stee po e tank sender.	1
	0-525-94	350mm deep stain ess stee po e tank sender.	1
	0-525-95	500mm deep stain ess stee po e tank sender.	1
	0-525-96	600mm deep stain ess stee po e tank sender.	1

EQUIPMENT AND ACCESSORIES

Marine gauges | Cigarette lighters and plugs

Product	Part No	Description	Quantity
	0-525-12	12/24V water level gauge, 90° sweep dial. Supplied without tank sender.	1
	0-525-92	250mm deep stainless steel probe tank sender.	1
	0-525-93	290mm deep stainless steel probe tank sender.	1
	0-525-94	350mm deep stainless steel probe tank sender.	1
	0-525-95	500mm deep stainless steel probe tank sender.	1
	0-525-96	600mm deep stainless steel probe tank sender.	1
	0-525-10	12/24V tachometer 270° sweep dial, 0 to 4,000rpm. Adjustable for alternator pick-up, negative earth vehicles.	1
	0-525-20	12/24V tachometer 270° sweep dial, 0 to 8,000rpm. For 4-6-8-12 cylinder engines with coil ignition, negative earth vehicles.	1
	0-525-70	85mm 12/24V tachometer 270° sweep dial, 0 to 4,000rpm. Adjustable for alternator pick-up, negative earth vehicles. Bridge type fixing.	1
	0-525-80	85mm 12/24V tachometer 270° sweep dial, 0 to 8,000rpm. For 4-6-8-12 cylinder engines with coil ignition, negative earth vehicles. Bridge type fixing.	1
	0-601-00	Illuminated cigarette lighter 12V, amber bezel, fits 28 mm diameter panel hole. Supplied with 12V mini capless bulb.	1
	0-601-24	24V version of the above with green bezel.	1
	0-601-16	Cigarette lighter plug with green LED indicator. Fits most cigarette lighter sockets with red bridge pulled out, or DIN socket with the red bridge pushed in. Internal 8A fuse.	1
	0-601-91	Accessory power socket with cigarette lighter socket, 250mm cable and crocodile clips. Rated at 5A at 12V for continuous use.	1

EQUIPMENT AND ACCESSORIES

Cigarette lighter plugs | Accessory cables | Power sockets

Product	Part No	Description	Quantity
	0-601-90	Cigarette lighter plug supplying a double cigarette lighter socket via a flexible cable. 10A maximum.	1
	0-601-92	Cigarette lighter plug, 12V, supplying a double cigarette lighter socket and USB socket via a flexible cable. Supply voltage indication using 4 LEDs. Internal 10A fuse.	1
	0-601-93	Cigarette lighter plug supplying a triple cigarette lighter socket. Plug can be rotated through 180° in 8 stages. Internal 10A fuse.	1
	0-601-50	Retractable cable, 2.45 metres working length, with standard cigarette lighter plug. Rated at 5A, 12V for continuous use.	1
	0-601-55	Retractable cable, 2.45 metres working length, with standard cigarette lighter plug and socket. Rated at 5A, 12V for continuous use.	1
	0-601-06	Retractable cable, 2.45 metres working length, 2 x 24/0.20mm, PVC insulated, sheathed in black polyethylene. Rated at 6A, 12V for continuous use.	1
	0-601-01	Power socket with cover, for 28mm panel height. 20A maximum.	1
	0-601-03	Power socket with cover, for 28mm panel height. 100mm flying leads, 15A maximum.	1
	0-601-11	Power socket with cover and bracket. 100mm flying leads, 15A maximum.	1

EQUIPMENT AND ACCESSORIES

Sockets and mounting

Product	Part No	Description	Quantity
	New 0-601-08	Back 12V USB port socket. Two USB ports, output 5V 3.1A DC total, ABS plastic. 36.5mm diameter. Supplied with standard nut. For 28mm diameter panel hole.	1
	New 0-601-07	Back 12V power socket. 36.5mm diameter. Supplied with standard nut. For 28mm diameter panel hole.	1
	New 0-601-09	12V cigarette socket. Back cover. 36.6mm diameter. Supplied with cover. For 28mm diameter panel hole.	1
	New 0-601-51	Front panel mount, 1 hole. For fitment of 28mm diameter sockets.	1
	New 0-601-52	Rear panel mount, 1 hole. For fitment of 28mm diameter sockets.	1
	New 0-601-57	Front panel mount, 2 holes. For fitment of 28mm diameter sockets.	1
	New 0-601-58	Rear panel mount, 2 holes. For fitment of 28mm diameter sockets.	1
	New 0-601-61	Mounting housing, 1 hole. For fitment of 28mm diameter sockets.	1
	New 0-601-62	Mounting housing, 2 holes. For fitment of 28mm diameter sockets.	1












EQUIPMENT AND ACCESSORIES

DIN sockets and plugs | Retractable cables

Product	Part No	Description	Quantity
	0-608-00	Bracket for 28 mm diameter cigarette lighter sockets.	1
	0-608-01	Bracket for 18mm diameter DIN sockets.	1
	0-601-19	DIN socket for 18mm diameter panel hole. 16A maximum.	1
	0-601-29	DIN socket with spring loaded cap, for 18mm diameter panel hole. 16A maximum.	1
	0-601-69	DIN socket for surface mounting. Supplied with two fixing screws. 16A maximum.	1
	0-601-54	Three DIN sockets on a panel for dashboard installation into a panel hole 70 x 20mm. Supplied with fixing screws. 16A maximum.	1
	0-601-26	DIN plug. 16A maximum.	1
	0-601-27	Angled DIN plug, 16A maximum.	1
	0-717-05	7 core retractable cable, black rubber sheath. 3 metre maximum working length. 450 x 55mm coiled coil, with 1 x 230mm panel tail and 1 moulded waterproof socket to ISO1185(24N). 1 x 2.00mm ² white + 6 x 1.00mm ² black, brown, green, blue, red and yellow PVC insulated cores.	1
	0-717-10	As above but with 2 sockets.	1
	0-717-06	7 core retractable cable, black hytre sheath. 3 metre maximum working length. 200 x 85mm coiled coil, with 1 x 230mm panel tail and 1 moulded waterproof socket to ISO1185(24N). 1 x 2.00mm ² white + 6 x 1.00mm ² black, brown, green, blue, red and yellow rubber insulated cores.	1
	0-717-11	As above but with 2 sockets.	1






EQUIPMENT AND ACCESSORIES

Retractable cables

Product	Part No	Description	Quantity
	0-717-08	7 core retractable cable, black rubber sheath. 3 metre maximum working length. 450 x 55mm coiled coil, with 1 x 230mm plain tail and 1 moulded waterproof socket to ISO3731(24S). 1 x 2.00mm ² white + 6 x 1.00mm ² black, brown, green, blue, red and yellow PVC insulated cores.	1
	0-717-13	As above but with 2 sockets.	1
	0-717-07	7 core retractable cable, green hytre sheath. 3 metre maximum working length. 200 x 85mm coiled coil, with 1 x 230mm plain tail and 1 moulded waterproof socket to ISO3731(24S). 1 x 2.00mm ² white + 6 x 1.00mm ² black, brown, green, blue, red and yellow rubber insulated cores.	1
	0-717-12	As above but with 2 sockets.	1
	0-733-10	3 core retractable cable, black rubber sheath. 3 metre maximum working length. 500 x 70mm coiled coil, with 2 x moulded waterproof 3 pole sockets. 3 x 6.00mm ² black, green and red rubber insulated cores.	1
	0-715-11	5 core retractable cable, black hytre sheath. 4.5 metre maximum working length. 350 x 85mm coiled coil, fitted with 2 x ABS sockets to ISO7638. 2 x 4mm ² red, brown + 3 x 1.5mm ² white, yellow black PVC insulated cores.	1
	0-715-12	3.5 metre version of above.	1
	0-715-13	7 core retractable cable, black hytre sheath. 4.5 metre maximum working length. 285 x 90mm coiled coil, fitted with 2 x EBS sockets to ISO7638. 2 x 4mm ² + 5 x 1.5mm ² PVC insulated cores.	1
	0-715-14	3.5 metre version of above.	1
	0-733-00	3 core retractable cable, black rubber sheathed. 6 metre maximum working length. 1200 x 35mm diameter coiled coil. 2 plain 150mm tails. 3 x 0.75mm ² blue, brown and green/yellow. PVC insulated cores.	1
	0-733-01	As above but 3 metre working length, 600 x 35mm coiled coil.	1
	0-715-00	5 core retractable cable, black rubber sheathed. 6 metre maximum working length. 1200 x 37mm diameter coiled coil. 2 plain 150mm tails. 5 x 0.75mm ² grey, blue, black, brown and green/yellow. PVC insulated cores.	1
	0-715-01	As above but 3 metre working length, 600 x 37mm coiled coil.	1

EQUIPMENT AND ACCESSORIES

Retractable cables | Trailer plugs

Product	Part No	Description	Quantity
	0-717-00	7 core retractable cable, black rubber sheathed. 6.6 metre maximum working length. 1080 x 45mm diameter coiled coil. 2 x 230mm plain tails. 1 x 2.00mm ² white, + 6 x 1.00mm ² blue, black, yellow, red, green and brown PVC insulated cores.	1
	0-717-01	As above but 3 metre working length, 600 x 35mm coiled coil.	1
	0-777-02	3 core retractable cable, black hytre sheathed. 4.5 metre maximum working length, 350 x 110mm coiled coil, 2 x 250mm plain tails. 3 x 6.00mm ² red, black and green rubber insulated cores.	1
	0-777-00	7 core retractable cable, black hytre sheathed. 3.3 metre maximum working length. 220 x 85mm diameter coiled coil. 2 x 230mm plain tails. 1 x 2.00mm ² white, + 6 x 1.00mm ² blue, black, yellow, red, green and brown rubber insulated cores.	1
	0-510-00	10 core retractable cable, black hytre sheath. 3.5 metre maximum working length, 260 x 85mm diameter coiled coil, 2 x 230mm plain tails. 1 x 2.00mm ² white + 9 x 1.00mm ² blue, black, yellow, red, green, brown, orange, grey, and pink PVC insulated cores.	1
	0-777-15	15 core retractable cable, black hytre sheathed 3 metre working length. 3 x 2.50mm ² white, orange, white/red, 10 x 1.50mm ² yellow, green, blue, black, brown, red, pink, grey, white/black, white/blue, 2 x 1.50mm ² white/green and white/brown twisted pair. PVC insulated cores.	1

Clang plugs and sockets for 24V trailers. Passivated zinc alloy case, nickel plated brass pins and socket tubes.

	0-477-19	7 pin socket to ISO 1185(24N).	1
	0-477-16	7 pin plug to ISO 1185(24N).	1
	0-477-69	7 pin socket to ISO 3731(24S).	1
	0-477-66	7 pin plug to ISO 3731(24S).	1

EQUIPMENT AND ACCESSORIES

Trailer plugs and sockets

Product	Part No	Description	Quantity
	0-480-19	10 pin socket.	1
	0-480-16	10 pin plug.	1
	0-474-00	Parking bracket for trailing plugs or sockets. Passivated steel.	1
Clang three pin plugs and sockets. Passivated zinc alloy case, nickel plated brass pins and socket tubes.			
	0-477-49	3 pin socket. Rated at 25A continuous and 45A intermittently.	1
	0-477-46	3 pin plug. Rated at 25A continuous and 45A intermittently.	1
Clang single pin plugs and sockets. Rated at 300A continuous for 3 hours or 400A intermittently. Passivated zinc alloy case, silver plated pins and socket tubes.			
	0-477-39	Single pin socket.	1
	0-477-36	Single pin plug.	1

EQUIPMENT AND ACCESSORIES

Trailer plugs and sockets

Product	Part No	Description	Quantity
	0-477-56	Single pin plug.	1
	0-477-59	Single pin socket.	1
	0-525-03	Cover for the rear of the C range of metal plugs.	10
	5-525-03	Single unit, as above.	1
	0-477-03	Cover for the rear of the plastic 24V plugs.	10
	5-477-03	Single unit, as above.	1
Heavy duty plugs and sockets for 24V trailers. Moulded in black thermoplastic with screw terminals.			
	0-477-29	7 pin socket to ISO 1185 (24N) with spring cable guard.	1
	0-477-26	7 pin plug to ISO 1185 (24N).	1
	0-477-79	7 pin socket to ISO 3731 (24S) with spring cable guard.	1
	0-477-76	7 pin plug to ISO 3731(24S).	1
Alloy plugs and sockets for 24V trailers. Zinc alloy case, nickel plated brass pins and socket tubes with screw terminals.			
	0-477-89	7 pin socket to ISO 1185(24N).	1
	0-477-86	7 pin plug to ISO 1185(24N).	1









EQUIPMENT AND ACCESSORIES

Trailer plugs and sockets

Product	Part No	Description	Quantity
	0-477-99	7 pin socket to ISO 3731(24S).	1
	0-477-96	7 pin plug to ISO 3731(24S).	1
Clang three pin plug and socket. Nickel plated brass case, self colour pins and socket tubes. Rated at 5A continuous.			
	0-473-19	3 pin socket.	1
	0-473-16	3 pin plug.	1
Fifteen pin plugs and sockets for 24V trailers. Thermoplastic body, nickel plated brass pins and socket tubes with screw terminals and stainless steel locking clamp.			
	0-479-19	15 pin socket to ISO 12098.	1
	0-479-16	15 pin plug to ISO 12098.	1
	0-479-67	15 pin plug adapter, 15 pin socket to 2 x 7 pin plugs (24N and 24S) to ISO 12098. Additional 3 data wires are installed but not connected.	1
Three pin plugs and sockets. Thermoplastic case, nickel plated pins and socket tubes with 6.3mm and 4.8mm blade terminals. Rated at 2 x 25 + 1 x 5A continuous. DIN 9680.			
	0-365-19	3 pin socket.	1
	0-365-16	3 pin plug.	1




EQUIPMENT AND ACCESSORIES

Trailer plugs and sockets | Caravan plugs and sockets




Product	Part No	Description	Quantity
	0-477-07	24V to 12V trailer lighting converter, input 24V 7 pin plug (24N) to output 12V 7 pin socket (12N), maximum load of 60W per line. Allows a 12V trailer to be powered from a 24V tractor unit.	1
	0-477-13	24V to 12V trailer lighting converter, input 24V 7 pin plug (24N) to output 12V 13 pin socket, maximum load of 60W per line. Allows a 12V trailer to be powered from a 24V tractor unit.	1
Five and seven pin plugs and sockets for ABS and EBS systems. Thermoplastic body, nickel plated brass pins and socket tubes with screw terminals and stainless steel locking clamp.			
	0-478-19	5 pin ABS socket to ISO 7638.	1
	0-478-29	7 pin EBS socket to ISO 7638.	1
	0-478-16	5 pin ABS plug to ISO 7638.	1
	0-478-26	7 pin EBS plug to ISO 7638.	1
A range of seven pin caravan plugs and sockets, either moulded thermoplastic or die cast aluminium alloy, with brass pins and socket tubes. To current European standards.			
	0-692-16	7 pin metal plug to ISO 1724 (12N).	5
	5-692-16	Single unit, as above.	1
	0-692-19	7 pin metal socket to ISO 1724 (12N).	5
	5-692-19	Single unit, as above.	1
	0-692-09	7 pin metal socket with fog lamp cut out to ISO 1724 (12N).	5
	5-692-09	Single unit, as above.	1
	0-692-66	7 pin metal plug to ISO 3732 (12S).	5
	5-692-66	Single unit, as above.	1
	0-692-69	7 pin metal socket to ISO 3732 (12S).	5
	5-692-69	Single unit, as above.	1

EQUIPMENT AND ACCESSORIES



Caravan plugs and sockets

Product	Part No	Description	Quantity
	0-693-16	7 pin plastic plug to ISO 1724 (12N).	5
	5-693-16	Single unit, as above.	1
	0-693-19	7 pin plastic socket to ISO 1724 (12N).	5
	5-693-19	Single unit, as above.	1
	0-693-09	7 pin plastic socket with fog lamp cut out to ISO 1724 (12N).	5
	5-693-09	Single unit, as above.	1

A range of seven pin caravan plugs and sockets, moulded thermoplastic, with brass pins and socket tubes. To current European standards.

	0-693-66	7 pin plastic plug to ISO 3732 (12S).	5
	5-693-66	Single unit, as above.	1
	0-693-69	7 pin plastic socket to ISO 3732 (12S).	5
	5-693-69	Single unit, as above.	1
	0-693-90	7 pin plastic trailing socket to ISO 1724 (12N).	1

A range of thirteen pin plugs and sockets with thermoplastic bodies and nickel plated brass pins. Splash protected to ISO 4091.





	0-695-99	13 pin plug cap, stowage and centring tool.	1
	0-695-16	13 pin plug to ISO 11446. Includes single and double cable entry grommet.	1
	0-695-19	13 pin socket to ISO 11446. Includes rear cable entry gasket.	1
	0-695-09	13 pin socket with fog lamp cut out to ISO 11446. Includes rear cable entry gasket.	1
	0-695-90	13 pin trailing socket to ISO 11446. Includes single and double cable entry grommet.	1

EQUIPMENT AND ACCESSORIES




Caravan plugs and sockets | Towing brackets | Trailer kits

Product	Part No	Description	Quantity
	0-695-66	13 pin p ug adaptor, 7 pin socket (12N) to 13 pin p ug.	1
	0-695-69	13 pin socket adaptor, 13 pin socket to 7 pin p ug (12N).	1
	0-695-67	13 pin socket adaptor, 13 pin p ug to 2 x 7 pin sockets (12N + 12S), 400mm cab e.	1

Trailer socket brackets, 16swg galvanised mild steel.

	0-521-00	7 pin sing e.	1
	0-521-01	7 pin doub e.	1
	0-521-02	7 pin doub e.	1
	0-521-03	13 pin sing e	1

Trailer socket bracket assemblies.

	0-289-00	With 7 pin meta socket and 1 metre of 7 core cab e.	1
	0-289-01	As above but with p astic socket.	1
	0-289-51	With two 7 pin p astic sockets, 1 x 12N and 1 x 12S, each with 1 metre of 7 core cab e.	1

EQUIPMENT AND ACCESSORIES

Trailer kits | Sealed plugs and sockets

Product	Part No	Description	Quantity
	0-289-52	With two 7 pin plastic sockets, 1 x 12N and 1 x 12S, each with 1 metre of 7 core cable.	1
	0-289-53	With 13 pin plastic socket and 1 metre of 13 core cable.	1
	0-590-00	Nuts and bolts for trailer sockets. 2BA x 1.25" round head machine screws and nuts.	50
	5-590-00	As above.	3
	0-693-99	Caravan 7 pin socket gasket.	10
	5-693-99	Single unit, as above.	1
	0-693-56	7 pin inline connector, solder tab wiring, rated at 15A at 24V dc. Cable entry compression gland, will accept a 7 core cables except 0 997 15. Protected to IP67	1
	0-693-59	Socket	1
<p>A range of connectors protected to IP68 EN60529:1992. Glass filled polyamide bodies with nickel plated brass contacts for cables between 6 and 8mm diameter. Screw terminals. Accepted by Lloyds Register of Shipping. Rated at 10A at 250V ac or dc for two and three pin products, 6A for four pin products and 3A for seven pin products. Supplied with covers (which doubles as an assembly tool).</p>			
	0-462-16	2 pin plug.	1
	0-463-16	3 pin plug.	1
	0-464-16	4 pin plug.	1
	0-465-16	7 pin plug.	1
	0-465-99	Cable gland for 7.9mm diameter, yellow.	10
	0-462-19	2 pin trailer socket.	1
	0-463-19	3 pin trailer socket.	1
	0-464-19	4 pin trailer socket.	1
	0-465-19	7 pin trailer socket.	1
	0-465-99	Cable gland for 7.9mm diameter, yellow.	10
	0-462-69	2 pin surface mount socket.	1
	0-463-69	3 pin surface mount socket.	1
	0-464-69	4 pin surface mount socket.	1
	0-465-69	7 pin surface mount socket.	1
	0-463-00	3 pin cable joiner, 16A rating.	1
	0-465-99	Cable gland for 7.9mm diameter, yellow.	10










EQUIPMENT AND ACCESSORIES

Sealed plug and sockets | Mirrors

Product	Part No	Description	Quantity
<p>A range of connectors protected to IP68 EN60529:1992. Polyamide bodies with nickel plated brass contacts for cables between 7 and 15mm diameter. Screw terminals. Accepted by Lloyds Register of Shipping. Rated at 32A at 600V ac or dc, supplied with cap.</p>			
	0-462-26	2 pin plug.	1
	0-463-26	3 pin plug.	1
	0-464-26	4 pin plug.	1
	0-465-26	7 pin plug, 430V ac or dc.	1
	0-462-29	2 pin trailing socket.	1
	0-463-29	3 pin trailing socket.	1
	0-464-29	4 pin trailing socket.	1
	0-465-29	7 pin trailing socket, 430V ac or dc.	1
	0-462-79	2 pin surface mount socket.	1
	0-463-79	3 pin surface mount socket.	1
	0-464-79	4 pin surface mount socket.	1
	0-465-79	7 pin surface mount socket, 430V ac or dc.	1
	0-771-00	Commercial vehicle convex glass mirror head, 362 x 174mm. C amps to 16 28mm arms. ECE approved, class II.	1
	0-770-00	Commercial vehicle wide angle glass mirror head, 193 x 193mm. C amps to 16 28mm arms. ECE approved, class IV.	1
	0-770-04	Commercial vehicle flat glass mirror heads. 7" x 5" (177 x 127 mm) heads. C amps to 5/8" (13 16mm) arms. ECE approved.	4
	0-771-04	Commercial vehicle flat glass mirror heads. 10" x 6" (254 x 152 mm) heads. C amps to 5/8" (13 16mm) arms. ECE approved.	2

EQUIPMENT AND ACCESSORIES

Aerials

Product	Part No	Description	Quantity
	0-735-00	Single section, black rubber. Height 400 mm Cab e 1200 mm 90° back adjustment.	1
	0-650-01	2 section, roof mounted. Collapsed 470 mm Extended 800 mm Cab e 2000 mm Adjustable angle.	1
	0-724-00	3 section, pillar mounted. Collapsed 460 mm Extended 1200 mm Cab e 1200 mm	1
	0-738-00	A roof mount single piece aerial, single section fibreglass type, can be unscrewed from base. Length 440mm Cab e 2650mm	1
	0-650-00	3 section, wing mounted. Collapsed 550 mm Extended 1250 mm Cab e 1300 mm Stainless steel spring. 90° back adjustment.	1
	0-731-00	4 section, locking, wing mounted. Collapsed 10 mm Extended 970 mm Cab e 1200 mm Underhang 300 mm	1
	0-737-00	4 section, locking, wing mounted. Collapsed 25 mm Extended 980 mm Cab e 1200 mm Underhang 220 mm Fully retractable.	1
	0-651-00	4 section, wing mounted, VW type. Collapsed 25 mm Extended 850 mm Cab e 1600 mm Underhang 255 mm Fully retractable fitting. 58° acute angle.	1
	0-736-00	12V electronic windscreen, (includes amplifier). Height 340 mm Cab e 2000 mm	1

EQUIPMENT AND ACCESSORIES

Aerials | Aerial cables | Speakers | Fans

Product	Part No	Description	Quantity
	0-652-12	5 section, 12V, automatic, wing mounted. Extended 1000 mm Cab e 1200 mm Underhang 315 mm Extends and retracts when radio is switched on or off. Supp ied with two sizes of head fitting, cab e, connectors and fu fitting instructions.	1
	0-526-05	600mm aeria extension ead.	1
	0-526-00	3000mm aeria extension ead.	1
	0-315-53	40W, 4Ω dua cone pod oudspeaker in an angled . Suitab e for mounting on a rear parce she f. Speaker 100mm diameter. Case 115 x 115mm.	1
	0-315-52	Larger version of the above. Speaker 130 mm diameter. Case 140 x 140mm.	1
	0-315-03	40W, 4Ω dua cone door oudspeaker with fixing screws. Speaker 100mm diameter. Case 108 x 108mm.	2
	0-315-02	Larger version of the above. Speaker 130 mm diameter. Case 140 x 140mm.	2
	0-563-00	In line choke and fuseholder, supp ied with 2A 20mm g ass fuse.	1
		Interference capacitor rated at 110V dc.	
	0-646-22	2.2μF b ack.	1
	0-210-62	A powerfu 8" osci ating fan, 12V. Supp ied with a mu ti ang e swive bracket and dua connection kit comprising, cigarette ighter p ug with 1.1 metres of cab e and on/off switch with 1.2 metres of cab e. CE approved.	1
	0-210-74	24V version of the above.	1
	0-210-32	A 6" version of the above.	1
	0-210-44	24V version of the above.	1
	0-210-82	A 6" a meta fan, 12V, two speed. Enc osed meta b ades on a mu ti ang e swive bracket with on/off switch. CE approved.	1
	0-210-94	24V version of the above.	1

EQUIPMENT AND ACCESSORIES

Buzzers | CCTV reversing kits | CCTV replacement parts

Product	Part No	Description	Quantity
	0-562-12	Buzzer, 12V black case, single hole fixing, two terminals. For use with low pressure warning switches. Loud and urgent tone, 90dB at 20cm.	1
	0-562-24	24V, red case version of the above.	1
	0-562-62	Dashboard buzzer, 12V, 2 tone 72dB(A), single hole fixing, two terminals.	1
	0-562-74	24V version of the above.	1
	0-562-00	Lights on warning buzzer, 12V. Three 6.3mm terminal connections. For use under dash to warn driver of lights on. Two tone 72dB warning sound. OE on Nissan and Renault.	1
	0-776-00	<p>Closed circuit 5.6" TFT LCD colour surveillance or vehicle safety vision system with sound for 12/24V operation with inputs for 2 camera or 1 camera and 1 AV input.</p> <p>Includes:</p> <ul style="list-style-type: none"> 5.6" colour TFT LCD monitor, normal/mirror image, contrast, brightness, colour, volume, video 1/2 input, on/off and reverse gear activation. 1/3" CMOS infra red colour wide-angle camera with microphone, die cast aluminium case, 10g, IP68. Minimum illumination 1.0 Lux at F2.0, 0 Lux IR on. 20 metre screened cable. Fittings and instructions. <p>CE compliant and 'E' approved.</p>	1
	0-776-35	<p>Closed circuit 3.5" TFT LCD colour surveillance or vehicle safety vision system for 12/24V operation with inputs for 2 camera or 1 camera and 1 AV input.</p> <p>Includes:</p> <ul style="list-style-type: none"> 3.5" colour TFT LCD monitor, mirror image, AV2 camera reverse gear activation. 1/5" CMOS colour wide-angle universal mount camera with F2.0 lens with 120° horizontal view. Protected to IP67. Minimum illumination 0.5 Lux at F2.0. 7 metre screened cable. Fittings and instructions. <p>CE compliant and 'E' approved.</p>	1
	0-776-01	5.6" TFT LCD monitor only, with inputs for two cameras or 1 camera and 1 AV input, 12/24V power supply, sound and reverse gear activation. Normal or mirror image selection. Contrast, brightness, camera selection and on/off buttons on front panel. Includes mounting brackets and power leads. CE compliant and 'E' approved.	1

EQUIPMENT AND ACCESSORIES

CCTV replacement parts | CCTV accessories

Product	Part No	Description	Quantity
	0-776-36	3.5" TFT LCD monitor on y, with inputs for two cameras or 1 camera and 1 AV input, 12/24V power supply, A V2 reverse gear activation. Mirror image. Includes mounting brackets and power leads. CE compliant and 'E' approved.	1
	0-775-02	Monochrome infra red camera, F2.0 lens, 80° horizontal view lens. Protected to IP68.	1
	0-776-02	Colour infra red camera, F2.0 lens, 94° horizontal view lens, with microphone. Protected to IP67.	1
	0-776-13	Colour infra red camera for side or rear mounting. Metal housing. F2.0 lens with 94° vertical view. Protected to IP68. 69 x w 123 x h 65mm.	1
	0-776-05	Colour camera, F2.0 lens, with 120° horizontal view, for 360° universal mounting. Plastic housing or 20mm through pane mounting. Protected to IP67. Housing 36 x w 45 x h 33mm.	1
	0-776-04	Colour internal dome camera with 6.0mm F2.0, 55° horizontal view lens.	1
	0-776-03	Colour miniature camera with sun visor cap. Metal housing. F2.5 lens with 130° horizontal view. Protected to IP68. Ø 24 x w 42mm.	1
	0-775-95	3m working length retractable cable for use with any Durite CCTV system. Constructed from 4 core screened CCTV cable sheathed in Hytrel and using waterproof plugs and sockets. The sockets come with short connecting leads to plug directly into Durite CCTV system leads for ease of fitment. Protected to IP68.	1
	0-775-94	Additional trailer socket kit for above. Allows fitment of camera system to additional trailers.	1
	0-775-90	Splitter device, to allow the addition and manual selection of a second camera to either of the two monitor input channels.	1

EQUIPMENT AND ACCESSORIES

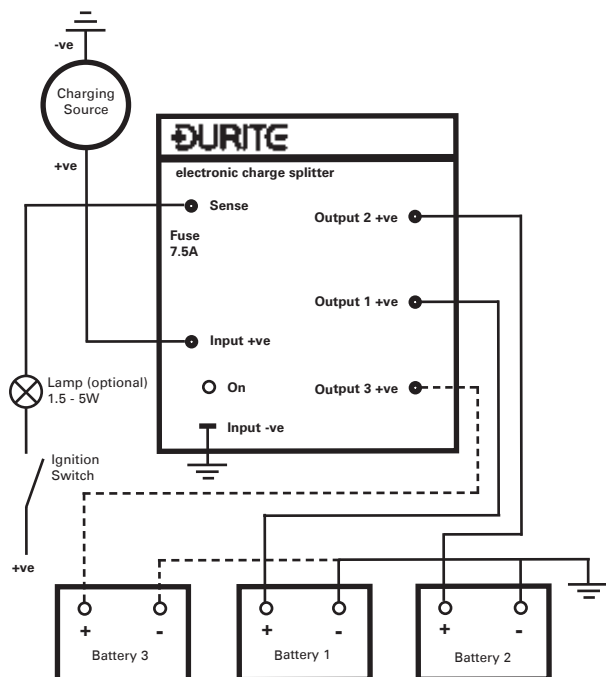
CCTV accessories | Back-up alarms

Product	Part No	Description	Quantity
	0-775-96	3.5m working length heavy duty retractable cable for use with any Durite CCTV system. Constructed from 4 core screened CCTV cable sheathed in Hytrel and using heavy duty easily handled waterproof plugs and sockets. The sockets come with short connecting leads to plug directly into Durite CCTV system leads for ease of fitment. Protected to IP68.	1
	0-775-97	Additional trailer socket kit for above. Allows fitment of camera system to additional trailers.	1
	0-775-07	7 metre screened, camera to monitor cable.	1
	0-775-15	15 metre screened, camera to monitor cable.	1
	0-775-20	20 metre screened, camera to monitor cable.	1
	0-561-12	Back up alarm, 12V, 105 dB(A), intermittent sound. One hole fixing bracket. CE approved.	1
	0-561-24	24V version of the above.	1
	0-561-62	12V night silent version of the above.	1
	0-561-74	24V night silent version of the above.	1
	0-564-02	Back up alarm, 12-48V, 97 dB(A) at 1200Hz. 60 pulses per minute. Two position fixing bracket. CE approved.	1
	0-564-11	Multi frequency back up alarm, 12/24V, 87 dB(A). Flying leads. Solid state epoxy potted electronics. ECE R10 approved.	1
	0-564-00	Back up alarm, 12-48V, 97 dB(A) at 1200Hz. 60 pulses per minute. Polarity protected solid state epoxy potted electronics. Steam cleanable. CE approved.	1
	0-564-01	12-24V version of the above with flying lead connections. EEC and CE approved.	1
	0-564-05	12-24V night silent version of the above with flying lead connections. EEC and CE approved.	1
	0-564-25	Back up alarm, 12-24V, 112 dB(A) at 1200Hz. 60 pulses per minute. Polarity protected solid state epoxy potted electronics. Steam cleanable. Two position fixing bracket. EEC and CE approved.	1
	0-564-50	As above but adjusts automatically to environmental noise reducing the sound level from 112 to 87 dB(A). N.B. This alarm MUST HEAR the surrounding noise level to adjust its output. Mount alarm at rear of vehicle facing the back, without obstruction.	1

EQUIPMENT AND ACCESSORIES

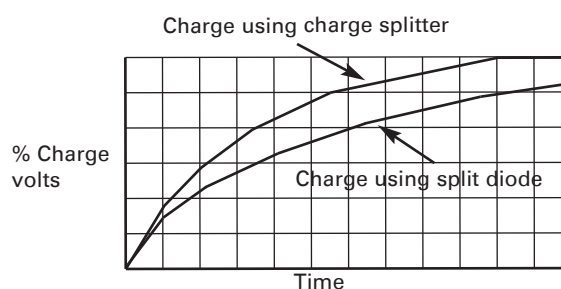
Electronic charge splitter

Product	Part No	Description	Quantity
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The Durite electronic charge splitter uses leading edge technology to produce a split charging capability that is more efficient than any other split charging system which utilises relays or diodes.

- Charges independent battery banks.
- Isolates battery banks.
- No 'Volt Drop'.
- No power loss.
- Uses existing voltage regulator.
- Battery or machine sensing.
- 6 to 32V systems.
- Resin encapsulated electronics.
- Suitable for handling alternative charging sources.



Specifications:

Part Number	0-852-06	0-852-09	0-852-12	0-853-06	0-853-09
No. of Inputs	1	1	1	1	1
No. of Outputs	2	2	2	3	3
Amps per Output	60A	90A	120A	60A	90A
Voltage dc	6-32V	6-32V	6-32V	6-32V	6-32V
Battery Sensed	Yes	Yes	Yes	Yes	Yes
Ambient Temp	-10° to +45°C	-10° to +45°C	-10° to +45°C	-10° to +45°C	-10° to +45°C
Length mm	117	117	117	267	267
Width mm	190	190	190	147	147
Height mm	55	55	55	55	55
Weight Kgs	0.65	0.65	0.65	1.10	1.10



0-852-06

'Electronic charge splitter' allows one alternator to charge 2 independent banks of batteries fully, without any voltage drop or need for special voltage regulators and blocking diodes. Resin encapsulated electronics, 6-32V 60A rating.

1

0-852-09

90A version of the above.

1

0-852-12

120A version of the above.

1



0-853-06

'Electronic charge splitter' allows one alternator to charge 3 independent banks of batteries fully, without any voltage drop or need for special voltage regulators and blocking diodes. Resin encapsulated electronics, 6-32V 60A rating.

1

0-853-09

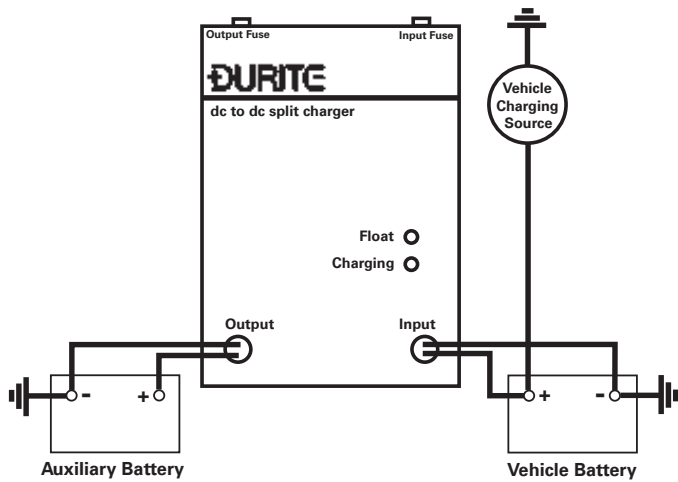
90A version of the above.

1

EQUIPMENT AND ACCESSORIES

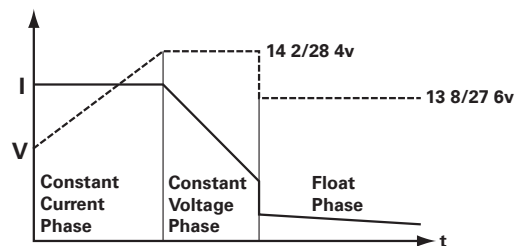
Electronic split charger | Split charge relay | Voltage sensitive relays

Product	Part No	Description	Quantity
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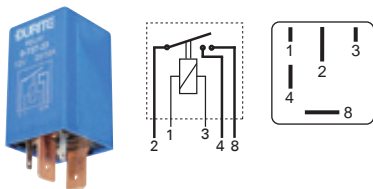


The Durite electronic split charger uses the latest technology to produce a split charging capability that allows an auxiliary battery system to be independent of the vehicle system.

- Microprocessor controlled.
- Automatic 3 stage charging: Constant current, constant voltage and float
- Charge status LED indication.
- Reverse polarity protection.
- Short circuit protection.
- Auto cut in and drop out.
- Isolates different voltage systems.
- Output controlled to maximum current.
- Can be permanently connected.
- Will not discharge the vehicle's batteries.



0-852-50	24V dc to 12V dc 20A split charger. Designed to charge and maintain a 12V battery from a 24V dc system. It has a three stage micro processor controlled charging system and uses voltage sensing for automatic cut in and drop out of charge from the 24V system, so will not charge the 12V battery until the 24V batteries are charged or being charged.	1
0-852-51	12V dc to 24V dc 10A version of the above.	1
0-852-52	12V dc to 12V dc 20A split charger. Designed to charge and maintain a separate 12V battery from a 12V dc system. It has a three stage micro processor controlled charging system and uses voltage sensing for automatic cut in and drop out of charge from the 12V system, so will not charge the separate 12V battery until the 12V battery on the main vehicle is charged or being charged.	1
0-852-53	24V dc to 24V dc 10A version of the above.	1




0-727-23	Split charge relay. 12V, 70/20A. Isolates fridge circuit separately. 2 x 2.8mm, 1 x 6.3mm and 2 x 9.5mm terminals. Replaces Lucas SRB 630.	1
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0-727-33	Voltage sensitive relay, 12V 140A with red LED indicator. Allows split charging of second battery bank without discharging the primary/start battery, relay makes at 13.3V and breaks at 12.8V. 68 x w 54 x h 68mm. CE approved.	1
0-727-83	24V version of above, relay makes at 27.4V and breaks at 25.6V.	1

EQUIPMENT AND ACCESSORIES

Battery isolators

Product	Part No	Description	Quantity
	0-727-35	Vo tage sensitive battery iso ator re ay, 12V 80A with red LED indicator. Automatica y disconnects non essentia oads from the battery to prevent start battery being discharged, can be manua y overridden. Re ay makes at 12.8V and breaks at 11.0V. Current draw, contact open 8mA, contacts c osed 320mA. 68 x w 54 x h 68mm. CE approved.	1
	0-727-85	24V 40A version of above. Re ay makes at 25.6V and breaks at 22.0V. Current draw, contact open 12mA, contacts c osed 150mA.	1



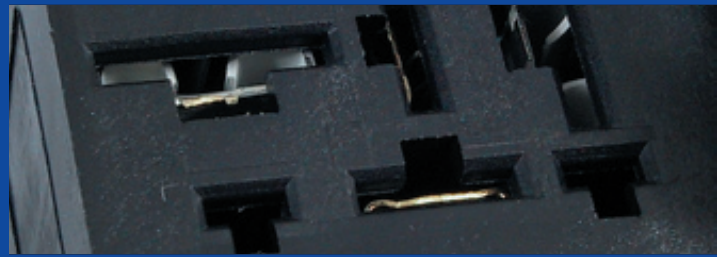
	<p>12/24V, so id state battery guard, monitors the battery vo tage and disconnect oad when the battery vo tage reaches a pre determined eve . The vo tage eve at which the device operates to disconnect or reconnect the oad to the battery can be set to one of 10 different programmes by the insta er using a simp e bridge and integra LED indicator. The unit a so has an a arm circuit to power an audio and/or visua indicator to warn of imminent disconnect, a owing the operator 50 secs to rectify the situation before disconnecting. A 10 second de ay is bui t in prior to an a arm, to prevent spurious warnings. The a arm circuit is imited to 500mA maximum, if a higher current is required a re ay with a diode must be used, 0 727 14 for 12V and 0 727 26 for 24V. Quiescent current is be ow 10mA for a versions. Appropriate termina s and insu ating covers are provided with each unit. Protected to IP65. ECE and CE approved.</p>	
0-852-02	20A in ine version, 155 x w 30 x h 15mm.	1
0-852-04	40A version, with provision for externa on/off switch, 76 x w 78 x h 33mm.	1
0-852-10	100A version with provision for externa on/off switch and override switch, 124 x w 97 x h 51mm.	1

Pre programmed vo tage settings:

12V		24V	
Disconnect	Connect	Disconnect	Connect
10.5v	12.0v	21.0v	24.0v
10.0v	11.5v	20.0v	23.0v
9.5v	11.5v	19.0v	23.0v
11.0v	13.5v	22.5v	26.5v
11.5v	13.5v	23.0v	27.5v
10.5v	12.5v	21.0v	25.0v
11.5v	12.5v	23.0v	25.5v
11.0v	12.5v	23.5v	25.5v
12.0v	13.0v	24.0v	26.0v
10.0v	13.0v	20.0v	26.5v

7

RELAYS AND FLASHER UNITS

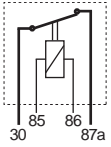
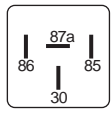

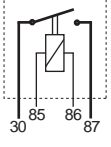
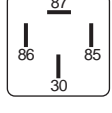

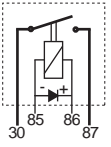
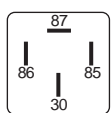
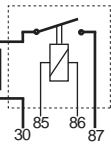
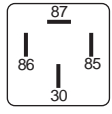

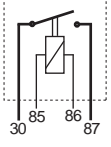
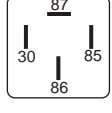

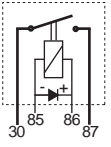
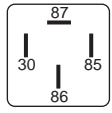

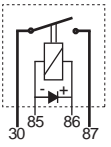
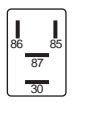

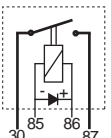
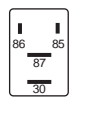


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RELAYS AND FLASHER UNITS

Make and break relays

Product	Part No	Description	Quantity
  	0-727-02	Mini normally closed. 4 x 6.3mm terminals. 12V, 20A with bracket.	1
  	0-727-12	Mini make and break. 4 x 6.3mm terminals. 12V, 30A with bracket.	1
	0-727-14	As above, but with diode.	1
	0-727-15	As above, but sea ed with resistor and without bracket.	1
	0-727-24	24V, 20A with bracket.	1
	0-727-26	As above, but with diode.	1
	0-727-27	As above, but sea ed with resistor and without bracket.	1
  	0-727-16	Mini make and break. 4 x 6.3mm terminals. 12V, 40A with diode and bracket.	1
	0-727-28	24V, 30A with diode and bracket.	1
  	0-726-06	Mini fused make and break. 4 x 6.3mm terminals. 6 volt, fused 30A with bracket.	1
	0-726-12	12V, fused 20A with bracket.	1
	0-726-24	24V, fused 15A with bracket.	1
  	0-727-62	Mini make and break. ('A' type termination). 4 x 6.3mm terminals. 12V, 30A with bracket.	1
	0-727-63	As above, but sea ed with resistor and without bracket.	1
	0-727-74	24V, 20A with bracket.	1
	0-727-75	As above, but sea ed with resistor and without bracket.	1
  	0-727-64	Mini make and break. ('A' type termination). 4 x 6.3mm terminals. 12V, 40A with diode and bracket.	1
	0-727-76	24V, 30A with diode and bracket.	1
  	0-727-13	Micro make and break. 2 x 6.3mm and 2 x 4.8mm terminals. 12V, 25A sea ed with diode.	1
	0-727-25	24V, 10A sea ed with diode.	1
  	0-727-19	Micro make and break. 2 x 6.3mm and 2 x 2.8mm terminals. 12V, 25A sea ed with diode.	1
	0-727-29	24V, 10A sea ed with diode.	1

RELAYS AND FLASHER UNITS

Make and break relays

Product	Part No	Description	Quantity
 	0-727-50	Japanese type make and break. 4 x 6.3mm terminals. 12V, 30A with bracket.	1
 	0-727-32 0-727-44	Mini twin make and break. 5 x 6.3mm terminals. 12V, 30A with bracket. 24V, 20A with bracket.	1 1
 	0-727-22 0-727-34	Mini double make and break. 5 x 6.3mm terminals. 12V, 2 x 20A with bracket. 24V, 2 x 10A with bracket.	1 1
 	0-727-70 0-727-71 0-727-72 0-727-40 0-727-41 0-727-42 0-727-47	Mini heavy duty make and break. 2 x 6.3mm and 2 x 9.5mm terminals. 12V, 70A with bracket. As above, but sealed with resistor and without bracket. As above, 100A, sealed with resistor and without bracket. 24V, 40A with bracket. As above, but sealed with resistor and without bracket. As above, 50A, sealed with resistor. 24V, 70A sealed with bracket.	1 1 1 1 1 1 1
 	0-727-20	6RA type make and break. 5 x 6.3mm terminals, neoprene sealed. Replace SRB111, 113 12V, 30A with bracket.	1
 	0-727-10 0-727-06	Extra heavy duty make and break. 2 x 6.3mm terminals and 2 x M6 stud. 12V, 100A with bracket. 24V, 60A with bracket.	1 1
 	0-727-18 0-727-08	Extra heavy duty make and break. 2 x 6.3mm terminals and 2 x M6 stud. 12V, 120A with bracket. 24V, 100A with bracket.	1 1
 	0-727-07 0-727-17	Heavy duty make and break. 2 x 6.3mm terminals, 2 x M5 screws. 12V, 75A with bracket. 24V, 40A with bracket.	1 1

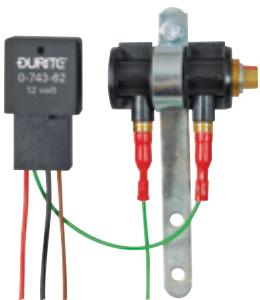

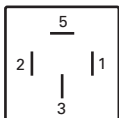

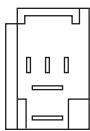

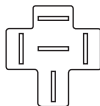

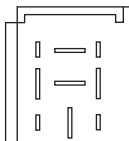

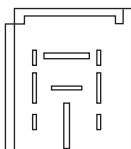

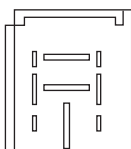
RELAYS AND FLASHER UNITS

Change-over relays

Product	Part No	Description	Quantity
  	0-728-12	Mini change over. 5 x 6.3mm termina s. 12V, 20/30A with bracket.	1
	0-728-14	As above, but with diode.	1
	0-728-15	As above, but sea ed with resistor and without bracket.	1
	0-728-24	24V, 10/20A with bracket.	1
	0-728-26	As above, but with diode.	1
	0-728-27	As above, but sea ed with resistor and without bracket.	1
  	0-728-62	Mini change over. ('A' type termination). 5 x 6.3mm termina s. 12V, 20/30A with bracket.	1
	0-728-63	As above, but sea ed with resistor and without bracket.	1
	0-728-74	24V, 10/20A with bracket.	1
	0-728-75	As above, but sea ed with resistor and without bracket.	1
  	0-728-70	Mini heavy duty change over. 2 x 6.3mm and 3 x 9.5mm termina s. 12V, 40/70A with bracket.	1
	0-728-40	24V, 30/40A with bracket.	1
  	0-728-72	Mini extra heavy duty change over. 2 x 6.3mm and 3 x 9.5mm termina s. 12V, 70/100A, sea ed, without bracket	1
	0-728-42	24V, 30/50A, as above.	1
  	0-728-20	6RA type change over. 5 x 6.3mm termina s, neoprene sea ed. Rep aces SRB131, 143, 146 12V, 20/30A with bracket.	1
  	0-728-02	Latching change over. 5 x 6.3mm termina s. 12V, 25A with resistor.	1
	0-728-04	24V, 12A with resistor.	1
  	0-728-13	Micro change over. 3 x 4.8mm and 2 x 6.3mm termina s. 12V, 15/25A sea ed with diode.	1
	0-728-25	24V, 5/10A sea ed with diode.	1

RELAYS AND FLASHER UNITS

Relay | Sockets

Product	Part No	Description	Quantity
	0-743-62	Emergency braking stop light unit, 12V. Flashes the vehicle stop lights under emergency braking. The microprocessor control unit, triggered by the inertia switch at a deceleration of 6m/s ² , flashes the vehicle stop lights at 3.5 flashes per second for up to 12 seconds, warning following vehicles of emergency braking. After 12 seconds, or when emergency braking ceases, the brake lights revert to normal operation. ECE approved.	1
	0-743-74	As above for 24V, inertia switch triggers at a deceleration of 4m/s ² .	1
 	0-743-12	Interior light delay, 12V. Four terminal connections. Gives 10 second delay to interior lights, universal application. (1 = door switch, 2 = + feed, 3 = earth, 5 = side of lamp)	1
 	0-729-03	Buckhead socket for micro relays. Accepts up to 2 x 2.8mm 3 x 4.8mm and 2 x 6.3mm terminals. Can be gang mounted. Supplied with locking terminals.	1
 	0-729-02	Universal flying socket for flasher units and relays. Accepts up to 5 x 6.3mm terminals. Supplied with locking terminals.	1
 	0-729-00	Buckhead socket for flasher units and relays. Accepts up to 4 x 2.8mm and 5 x 6.3mm terminals. Can be gang mounted. Supplied with locking terminals.	1
 	0-729-01	Buckhead socket for controllers, flasher units and relays. Accepts up to 4 x 2.8mm, 3 x 6.3mm and 2 x 9.5mm terminals. Can be gang mounted. Supplied with locking terminals.	1
 	0-729-04	Buckhead socket for controllers and heavy duty relays. Accepts up to 4 x 2.8mm, 2 x 6.3mm and 3 x 9.5mm terminals. Can be gang mounted. Supplied with locking terminals.	1


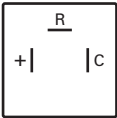

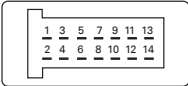

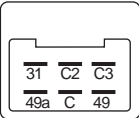

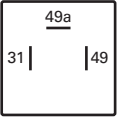

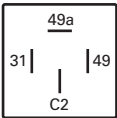

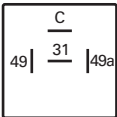

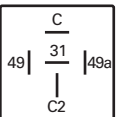

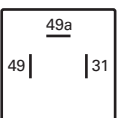

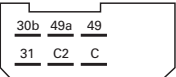
RELAYS AND FLASHER UNITS

12V flasher units

Product	Part No	Description	Quantity
	0-606-12	12V 2 x 21 + 5W Poppe flasher unit.	1
	0-606-11	12V 1 4 x 21W hazard/flasher unit. Negative earth on y. There is no bulb failure indication on this unit.	1
			
	0-606-50	12V 4 x 21 + 5W Poppe hazard unit.	1
			
	0-606-00	12V 2/4 x 21 + 5W hazard/flasher unit. Electronic unit replacing hot wire type, without earth.	1
			
	0-744-22	12V 2/4 x 21W hazard/flasher unit, low profile case without bracket. Negative earth on y.	1
			
	0-744-12	12V 2/4 x 21W hazard/flasher unit. Negative earth on y.	1
	0-744-11	12V 1 6 x 21W hazard/flasher unit. Negative earth on y. There is no bulb failure indication on this unit.	1
	0-744-38	12V 2/4 x 21W hazard/flasher unit. Negative earth on y.	1
			
	0-744-13	12V 2/4 x 21W hazard/flasher unit for Rover vehicles. Negative earth on y.	1
			
	0-744-14	12V 2/4 x 21W hazard/flasher unit for Toyota vehicles. Negative earth on y.	1
			
	0-744-15	12V 2/4 x 21W hazard/flasher unit for Mazda vehicles. Negative earth on y.	1
			


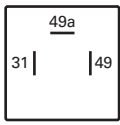

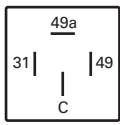

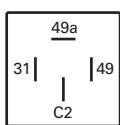

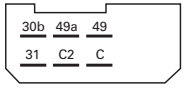

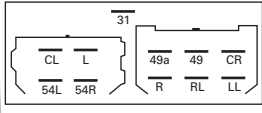
RELAYS AND FLASHER UNITS

12V trailer flasher units

Product	Part No	Description	Quantity
		0-506-12 12V adjustable caravan flasher warning light relay. Added to existing system to operate extra pilot light.	1
		0-506-00 12V caravan/trailer flasher relay. Added to existing vehicle system it independently powers trailer or caravan indicator lamps, switches off the motorway fog lamp and parking distance control on the vehicle. Does not interfere with the vehicle's bus warning. Negative earth on y. Supplied with 14 pin socket and terminals.	1
		0-744-16 12V 2 + 1 + 1/8 x 21W hazard/flasher unit for tractors towing one or two trailers. Negative earth on y.	1
		0-744-63 12V 2 + 1/6 x 21W caravan hazard/flasher unit. Negative earth on y. C2 and 31 terminals on top.	1
		0-744-62 12V 2 + 1/6 x 21W caravan hazard/flasher unit. Negative earth on y.	1
		0-744-37 12V 2 + 1/6 x 21W caravan hazard/flasher unit. Negative earth on y. C2 and 31 terminals on top.	1
		0-744-36 12V 2 + 1/6 x 21W caravan hazard/flasher unit. Negative earth on y.	1
		0-744-18 12V 2 + 1/6 x 21W caravan hazard/flasher unit. Negative earth on y. C2 and 31 terminals on top.	1
		0-744-17 12V 2 + 1/6 x 21W trailer hazard/flasher unit. Negative earth on y.	1

RELAYS AND FLASHER UNITS

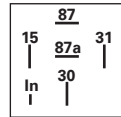
12/24V and universal flasher units

Product	Part No	Description	Quantity
		0-744-24 24V 2/4 x 21W hazard/f asher unit. Negative earth on y.	1
		0-744-23 24V 1 6 x 21W hazard/f asher unit. Negative earth on y. There is no bulb failure indication on this unit.	1
		0-744-25 24V 2/4 x 21W hazard/f asher unit. Negative earth on y.	1
		0-744-26 24V 2 + 1/6 x 21W hazard/f asher unit. Negative earth on y.	1
		0-744-00 Universal pulse generator, 12 or 24V, 1 to 8 x 21W. Negative earth on y. There is no bulb failure indication on this unit.	1
		0-744-34 Universal pulse generator, 12 or 24V, 1 to 8 x 21W. Negative earth on y. There is no bulb failure indication on this unit.	1

RELAYS AND FLASHER UNITS

Programmable timer relays

Product	Part No	Description	Quantity
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**0-740-XX
12V**

**0-741-XX
24V**

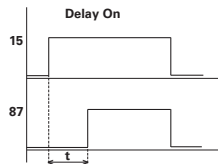
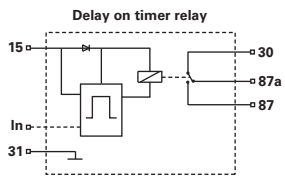
Programmed timer relays, individually programmed 'PIC' controlled timers with five basic functions: Delay on, delay off, pulse, timer off and flip flop. Available in 12 and 24V versions. Individually programmed for your requirements.

1

1

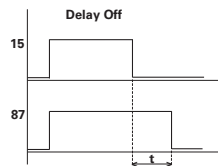
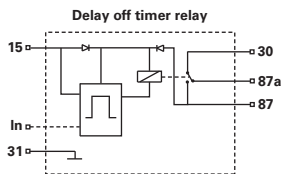
Specifications:	12V	24V
Voltage	9 16	18 32
Current	20/25A	10/15A
Temperature	40° to 80°C	40° to 80°C
Protection	IP54	IP54
Dimensions	30 x w 30 x h 40mm	

A list of standard functions and timings are shown below. Please contact our technical department to discuss your requirements. Please note that these relays are programmed to order.



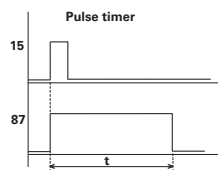
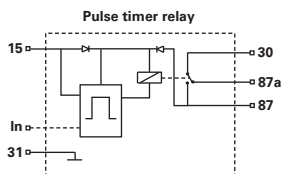
"Delay on" timer relay; timing starts at application of input trigger.

Typical timings in seconds: 0.1, 0.5, 1.5, 2.0, 3.0, 3.5, 4.0, 5.0, 8.0, 10.0, 15.0, 100, 180, 240, 600, 1200.



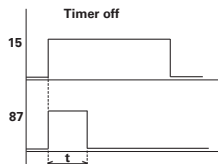
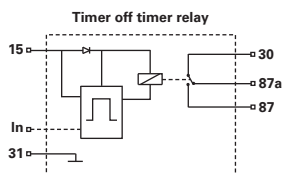
"Delay off" timer relay; timing starts after input trigger is removed.

Typical timings in seconds: 0.2, 0.5, 1.0, 2.5, 3.0, 3.5, 5.0, 6.0, 10.0, 15.0, 30.0, 120, 300, 420, 600, 900, 1,200, 1,500, 1,800, 3,600, 7,200, 14,400.



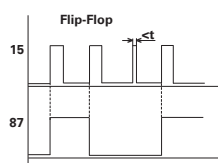
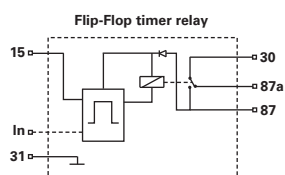
"Pulse timer" relay; pulse input triggers timed output.

Typical timings in seconds: 0.6, 0.8, 1.3, 3.0, 3.5, 7.0, 9.0, 10.0, 15.0, 30.0, 60, 120, 420, 600, 1,200, 2,700, 3,600.



"Timer off" timer relay; input triggers timed output, unless input is removed.

Typical timings in seconds: 0.6, 0.8, 1.3, 3.0, 3.5, 7.0, 9.0, 10.0, 15.0, 30.0, 120, 420, 600, 2,700.

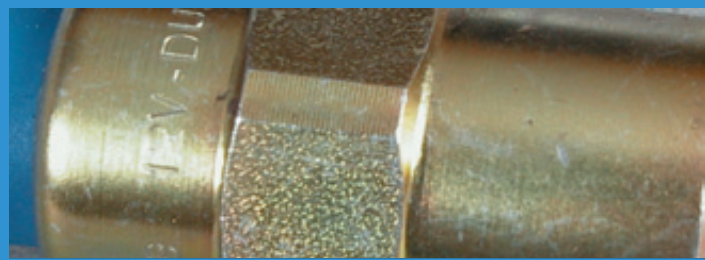


"Flip Flop" timer relay; pulse input triggers output on and off (>100ms).

Input can be positive or negative.

8

REPLACEMENT COMPONENTS



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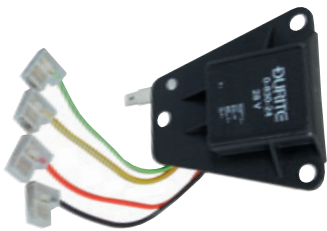






REPLACEMENT COMPONENTS

Alternators

Product	Part No	Description	Quantity
	0-812-00 Bosch	Electronic regulator for 12V alternator 32mm slip ring Bosch 0.192.052.001,002,004,005,006,008,011,012 013,014,015,016,017,019,023,026 1.197.311.000,001,002,090 Audi/VW 028 903 803A, 049 903 830B, 049 903 803E 052 903 803, 059 903 803B/C, 063 903 803, 070 903 803A, 171 903 803 Fiat 4 701 484, 9 927 829, 9 934 791 Ford 1 477 502, 71B 10316 AA B Lucas UCB 400 Magirus-Deutz 4 248 4638 Mercedes-Benz 002 154 0606, 1806, 2506 Motorcraft EGR318, 350 Motorola 505 055	1
	0-812-02 Bosch	Electronic regulator for 12V alternator 28mm slip ring Bosch 1.197.311.004,005,006,010,011,012,013,021 Audi/VW 068 903 803 Lucas UCB 403 Motorola 9 RC 7062	1
	0-812-24 Bosch	Electronic regulator for 24V alternator 32mm slip ring Bosch 0 192 053 001,002,004,007,008,027 Lucas UCB 402 Magirus-Deutz 0 470 1484 Motorola 505 059 Volvo/DAF 244 426	1
	0-812-25 Bosch	Electronic regulator for 24V alternator 28mm slip ring Bosch 0 192 053 005,006,011,013,016,017,018,022,023 Lucas UCB 404 Motorcraft EGR 315	1
	0-831-55 Lucas	Electronic regulator for 12V alternator. Lucas UCB148,150,151, 37701,03,05,07 54205986, 6177, 6448, 6467, 6645, 7336 Ford 84AB10316AA, 6133746 Rover RTC 5044, 370, 670, BAU 4919, 5265, 5958 FBV 2243	1
	0-830-00 CAV	Electronic regulator for 24V alternator. CAV 1697D520 440D24 2 Motorcraft EGR 205	1
	0-830-12 CAV	Electronic regulator for 12V alternator. CAV 1697D220 440D12 2 Motorcraft EGR 204	1

REPLACEMENT COMPONENTS

Alternators | Generators

Product	Part No	Description	Quantity
	0-830-24 CAV	Electronic regulator for 24V alternator. CAV 6317 31A,C,D,G,H, Q 546 R 529,1861 504,554	1
	0-815-62 Paris-Rhone	Electronic regulator for 12V alternator. Paris-Rhone YL122,129,149,152,154,155 YH1649,1652,1654 Bosch 0.986.192.008 Lucas UCB 218,223 Renault 7701 028 400, 348 580, 348 589 SEV Marchal 725 90602, 725 90702, 725 91202 Valeo 92 860,927,182 046, 300668,795,806,868,894,901	1
	0-815-69 Paris-Rhone	Electronic regulator for 12V alternator. Paris-Rhone YL124,125,132,133, YH1925,33, YV1925 Lucas UCB 220 Motorola 505 076 Peugeot 5761.45, 5761.56 SEV Marchal 725 90902, Valeo 92 897,902,940,981, 300 820, 300 830, 182 120	1
	0-843-15 CAV	Alternator Brush holder. CAV 6220 477	1
	0-833-00 Lucas	Mechanical regulator for 12V 22 amp generator. Lucas RB340, 37207,279,292,297,299, 304,330,334, 336,342,344,346,452,367,368,391,392,451,471 472,477,528,529,542,543,544,547,559,562,563, 568,569,570,571,572,573,574, NCB 130,131,132 Ford 622E 10505A,B, 3004R 10505A,B, C5NF 1050B	1
	0-845-03 Lucas	ACR alternator 3 pin connector supplied complete with terminals. Lucas 54960402	5
	0-833-06 Lucas	Mechanical regulator for 12V 25 amp generator. Lucas RB106, 37066, 139, 179, 183, LRC105, NCB 101 Ford 105E 10505B	1

REPLACEMENT COMPONENTS

Generators | Starters

Product	Part No	Description	Quantity
	0-833-18 Lucas	Mechanica regu ator for 12V 11 amp generator. Lucas RB108, 37365, 398,405, 408, 418,448, LRC 107 NCB118,120 Perkins 2 872 508	1
	0-833-19 Lucas	Mechanica regu ator for 12V 11 amp generator. Lucas RB108,37228,388,395,397,403,407, LRC 102,108 NCB112,119	1
	0-335-00 Lucas	12V so enoid. Lucas 76411, 76415, 76417, 76425, 76426, 76445, 76450, 76460, 76464, 76465, 76766, 76470, 76471, 76485, 76486, 76703, 76772, 76776, 4ST, SRB325	1
	0-335-01 Lucas	12V so enoid. Lucas 76497, 76770, 76771, 76986 (Co d start)	1
	0-335-02 Lucas	12V so enoid. Lucas 76795, 76789, 4ST, SRB335 (Co d start)	1
	0-335-03 Lucas	12V so enoid. Lucas 76958, SRB333 (Co d start)	1
	0-335-08 Lucas	24V so enoid. Lucas 76735, 76775, 76783, 76788, 76844, SRB322, SRB323, SRB349, SRB350, SRB351	1


REPLACEMENT COMPONENTS

Starters

Product	Part No	Description	Quantity
	0-335-09 Lucas	12V so enoid with manua rubber button, chassis return. Lucas 76415, 76417, 76425, 76426, 76445, 76450, 76460, 76464, 76465, 76470, 76471, 76485, 76486, 76703	1
	0-335-05 Lucas	12V so enoid with manua button, iso ated return. Lucas 76731, SRB319	1
	0-335-04 Lucas	24V so enoid with manua button, iso ated return. Lucas 76732, SRB321	1
	0-335-12 Lucas	12V so enoid (M418G and M45G). Lucas 76803, 75891, 76892, 76897, 76899, 76902,76908, TOB 109/162	1
	0-335-13	Rep acement cap and contact set for above. Lucas 60600645 TWB 113/114	1
	0-335-14 Lucas	12V so enoid (M50). Lucas 76835, 76854, 76864, TOB 108,110,111,133,179,184	1
	0-335-15	Rep acement cap and contact set for above. Lucas 54642903 TWB 105,107	1
	0-341-35 Nippon Denso	Contact set. Servicing 1.4Kw gear reduction starters. Nippon Denso 028000 455 Honda 31200 657 004/071	1
	0-341-36 Nippon Denso	Contact set. Servicing 2.4Kw gear reduction starters. Nippon Denso 028000 4990/5000/6250	1
	0-341-37 Nippon Denso	Contact set. Servicing 1.4Kw gear reduction starters. Nippon Denso 28100 26041/45021 Toyota	1

REPLACEMENT COMPONENTS

Universal solenoids

Product	Part No	Description	Quantity
	0-335-50	Foot operated solenoid. Replaces SW 4001, 4005, 4010, 4015, 4201	1
	0-335-38	12V bu khead make and break solenoid, isolated return. Rated at 150A continuous for a maximum of 4 hours and 800A for 5 seconds. M8 and M5 studs. Protected to IP65.	1
	0-335-39	24V version of the above.	1
	0-335-06	12V bu khead make and break solenoid. Isolated return. Rated at 150A continuous at 12Vs.	1
	0-335-07	24V version of the above. Rated at 100A.	1
	0-335-46	12V bu khead make and break solenoid. Isolated return. Rated at 80A intermittent at 12Vs. This solenoid is not waterproof.	1
	0-335-47	24V version of the above. Rated at 50A.	1
	0-335-56	12V bu khead change over/reversing solenoid. Isolated return. Rated at 80A intermittent at 12Vs. This solenoid is not waterproof.	1
	0-335-57	24V version of the above. Rated at 50A.	1
	0-335-58	12V bu khead change over/reversing solenoid. Isolated return. Rated at 100 amp intermittent at 12Vs. M8 studs and 6.3mm blade terminals.	1
	0-335-59	24V version of above.	1

REPLACEMENT COMPONENTS

Glow plug applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
ALFA-ROMEO					
A fa 6 2.5TD	83 87	0-130-52	524 2.4TD	83 91	0-130-01
A fa 33 1.8TD	86 94	0-130-52	525 2.5TD	91 >	0-130-01
A fa 75 2.0TD	85 92	0-130-52	525 2.5TDS	91 >	0-130-01
A fa 75 2.4TD	88 92	0-130-52	525d 2.5 (E60)	04 >	0-132-40
A fa 90 2.4TD SUPER	84 87	0-130-52	525d, 525xd 3.0 (E60)	07 >	0-132-40
A fa 145 1.9TD	94 97	0-130-01	530d, 530xd 3.0 (E60)	03 >	0-132-40
A fa 146 1.9TD	94 97	0-130-01	535d 3.0 (E61)	04 >	0-132-40
A fa 147 1.9 JTDM	02 >	0-132-46	635d 3.0 (E64)	07 >	0-132-40
A fa 155 1.9TD, 2.0TD	93 96	0-130-01	725ds 2.5TDS	96 >	0-130-01
A fa 155 2.5TD	93 95	0-130-01	730d, 730Ld 3.0 (E65, E66)	02 >	0-132-40
A fa 156 1.9 (932)	02 06	0-132-46	X3 2.0d, 3.0d, 3.0sd (E83)	04 >	0-132-40
A fa 156 (932) 2.4JTD	03 05	0-132-46	X5 3.0d (E53, E70)	03 >	0-132-40
A fa 159 1.9JTDM, 2.4JTDM	05 >	0-132-46	CARBODIES (LTI CARBODIES)		
A fa 164 2.5TD	87 92	0-130-52	FX4 Taxi 2.25, 2.5	79 89	0-130-01
A fa 164 2.5TD Super	92 95	0-130-01	FX4, TX4 Taxi 2.7 (Nissan)	89 01	0-130-17
A fa 166 (936) 2.4JTD	03 >	0-132-46	CATERPILLAR		
A fetta 2.0TD	79 83	0-130-52	B15, 25FLT, B10,12FLT, 510PFLT	12V	0-131-54
A fetta 2.4TD	83 84	0-130-52	CHRYSLER/JEEP		
Bereta 2.4JTDM	06 >	0-132-46	Renegade 2.1D (Isuzi)	83 >	0-130-85
Gui fetta 2.0TD	83 85	0-130-52	Cherokee Jeep 2.1 Renau t J8S814/890	87 91	0-130-01
Spider 2.4JTDM	07 >	0-132-46	Cherokee Jeep 2.5TD	94 95	0-130-01
10/13/14 AR6 2.5D	85 86	0-130-01	CJ5 CJ7 (Isuzi)		0-130-85
30/32/35/40 AR8 2.5D	80 89	0-130-01	Grand Cherokee 2.5TD	93 >	0-130-01
AUDI			Jeep Wrang er 2.1 Renau t	88 >	0-130-01
A2 1.2TDi	00 >	0-130-98	Voyager, Grand Voyager 2.5TD	92 95	0-130-01
A2 1.4TDi (AMF BHC, ATL)	00 05	0-132-39	Voyager, Grand Voyager 2.5TD EXA1	01 >	0-130-98
A3 1.9TDi	96 >	0-130-98	Voyager, Grand Voyager 2.5CRD	00 >	0-130-98
A3 1.9TDi (BKC)	03 >	0-132-39	CITROEN		
A3 2.0TDi (BMM)	06 >	0-132-39	AX 1.4GTD, RD, TRD, A ure, Caban	88 94	0-130-58
A3 2.0TDi (AZV, BKD)	03 >	0-132-41	BX 1.7D, TD, TRD	85 >	0-130-01
A3 Cabrio et 2.0TDi (CBAB)	08 >	0-132-42	BX 1.8D, TD, TRD	85 93	0-130-01
A4 1.9TDi	96 >	0-130-98	BX 1.9D, RD, TD, TRD, TGD	83 >	0-130-01
A4 1.9TDi (BKE BRB)	04 >	0-132-39	Ber ingo 1.6HDI 90 (DV6ATED4)	05 > 06	0-132-43
A4 2.0TDi (BPW)	04 >	0-132-39	Ber ingo 1.6HDI 75 (9HT, DV6BTED4)	05 >	0-132-51
A4 2.0TDi,16V (BNA BRF, BLB BRE, BRD)	04 >	0-132-41	Ber ingo 1.6HDI 90 (9HX, DV6ATED4)	06 >	0-132-51
A4 2.0TDi (CAGB, CAGA, CAHA)	07 >	0-132-42	Ber ingo 1.6HDI 110 (9HZ, DV6TED4)	08 >	0-132-51
A4 2.7TDi (BPP,BSG)	04 >	0-132-42	Ber ingo 1.8D (XUD7)	96 >	0-130-01
A4 2.7TDi (CAMB CGKB,CAMA CCWA)	07 >	0-132-42	Ber ingo 1.9D (XUD9A)	96 >	0-130-01
A4 3.0TDi (ASB, BKN)	04 >	0-132-42	CX 2.5D, RD, TD, TRD	82 92	0-130-01
A4 3.0TDi (CAPA CCWA)	07 >	0-132-42	CX 2.5D Ref ex	79 82	0-130-01
A4 Cabrio et 2.7TDi (BPP)	06 >	0-132-42	C1 1.4HDI (DVD4)	05 >	0-132-51
A4 Cabrio et 3.0TDi (ASB, BKN)	05 >	0-132-42	C2 1.4HDI (8HX, DV4TD)	03 >	0-132-43
A5 2.7TCDi (CAMA CGKA)	07 >	0-132-42	C2 1.4HDI (9HX, DV6TED4)	07 >	0-132-51
A5 3.0TCDi (CAPA CCWA)	07 >	0-132-42	C2 1.6HDI (9HZ, DV6TED4)	05 > 07	0-132-43
A6 1.9TDi	94 01	0-130-98	C3 1.4 16V HDI (8HY, DV4TED4)	02 >	0-132-43
A6 1.9TDi	01 >	0-130-57	C3 Purie 1.4HDI (8HX, DV4TD)	04 >	0-132-43
A6 2.0TDi (BLB BRE, BNA BRF)	04 >	0-132-41	C3 1.6 16V HDI (9HX, DV6ATED4)	05 > 06	0-132-43
A6 2.5TDi	94 97	0-130-98	C3 1.6HDI 16V	06 >	0-132-51
A6 2.7TDi (BSG, BPP)	04 >	0-132-42	C3 1.6HDI Picasso (9HX, 9HZ, DV6TED4)	09 >	0-132-51
A6 3.0TDi (BNG,BMK, ASB)	04 >	0-132-42	C4 1.6HDI (9HY, 9HZ, DV6TED4)	04 > 06	0-132-43
A8 3.0TDi (ASB, BNG)	03 >	0-132-42	C4 1.6HDI (9HY Z, DV6TED4)	06 >	0-132-51
A8 4.2TDi (BMC, BVN)	05 >	0-132-42	C4 1.6HDI Picasso(9HY Z, DV6TED4)	06 >	0-132-51
Q7 3.0TDi (BUN,BUG,CASA), 4.2TDi (BTR)	06 >	0-132-42	C5 1.6HDI (9HY, DV6TED4)	04 >	0-132-43
80 1.9TD/D	> 91	0-130-57	C5 1.6HDI (9HZ, DV6TED4)	08 >	0-132-51
80 1.9TD	91 95	0-130-57	C5 2.7HDI (DT17ED4)	08 >	0-132-45
80 1.9TDi, Avant	91 95	0-130-98	C6 2.7HDI (DT17ED4)	05 >	0-132-45
90 1.6TD	84 91	0-130-57	C15 1.8D	86 97	0-130-01
100 2.0D, TD	78 80	0-130-57	C25 1.9D	87 >	0-130-01
100 2.4D	89 >	0-130-57	C25D 2.5D	81 >	0-130-01
100 2.5TDi, Avant	90 >	0-130-98	C25 2.5TD	87 >	0-130-01
BEDFORD			C32 2.2D CRD90	79	0-130-01
Astra 1.6, Max, Van 1.6D	82 >	0-130-01	C35 2.2D	79	0-130-01
Astravan 1.7D	89 >	0-130-01	C35 2.5D	80 >	0-130-01
Bedford B itz (Ope 2.0D)	79 80	0-130-01	C45D 2.5D	80 >	0-130-01
Bedford B itz (Ope 2.3D)	80 87	0-130-01	Dispatch 1.9D, TDi	96 >	0-130-01
Brava Pick up 2.2D, 2.5D (Isuzi)	88 >	0-130-85	Evasion 1.9TD, 2.0TD, 2.1TD	94 >	0-130-01
CF Van 2.3D	80 >	0-130-01	Jumper 1.9D, TD, 2.5D, TD	94 >	0-130-01
CF 230, 250, 280, 350 2.3D	82 87	0-130-01	Jumpy 1.6HDI 90	07 >	0-132-51
KB 26 2.0D	82 88	0-130-01	Jumpy 1.9D, TD	95 >	0-130-01
KB Pick up 2.0D	80 89	0-130-85	Nemo 1.4HDI (8HS, DV4TD)	09 >	0-132-51
Midi Van 2.0D (Isuzi)	> 88	0-130-85	Re ay 1000D, 1400D, TD, 1800D, TD	94 >	0-130-01
Van 2.5D (Isuzi)	89 >	0-130-95	Synergie 1.9TD	94 >	0-130-01
BMW			Visa 1.7D	84 91	0-130-01
118d, 120d (E81, E87)	04 >	0-132-40	Xantia 1.9D, TD	93 >	0-130-01
318 1.8TDS	94 >	0-130-01	Xantia 2.1TD	95 >	0-130-01
318d 2.0 (E46)	03 05	0-132-40	Xsara (N1) 1.4HDI (8HX, DV4TD)	03 05	0-132-43
320d 2.0 (E46)	01 05	0-132-40	Xsara 1.6HDI (N68, DV6TED4)	06 >	0-132-51
324 2.4D	85 91	0-130-01	Xsara 1.8D, 1.9D, 1.9TD (XUD9A,TE)	97 >	0-130-01
324 2.4TD	87 >	0-130-01	Xsara II 1.9D, 1.9TD	00 >	0-130-01
325 2.5TDS	91 >	0-130-01	Xsara Picasso (N68) 1.6HDI (DV6TED4)	04 >	0-132-43
325 2.5TD	91 >	0-130-01	XM 2.1D, TD, 2.5TD	89 >	0-130-01
325d, 335d (E90)	06 >	0-132-40	ZX 1.4D	91 94	0-130-58
330d, 330xd 3.0 (E46)	03 05	0-132-40	ZX 1.8D, 1.9D, TD	91 >	0-130-01
520d 3.0 (E60)	05 >	0-132-40	DACIA		
524 2.4D	83 87	0-130-01			

REPLACEMENT COMPONENTS

Glow plug applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
Duster D 1.6GLD	89 >	0-130-01	Orion 1.8D, TD	89 93	0-130-58
DAIHATSU			Ranger 2.5D,4x4	99 02	0-132-47
Charade 1.0D, CL30, CL50T, CL51, CL70	83 >	0-130-93	Ranger 2.5TD, 4x4	99 >	0-132-47
De ta Truck 12V B, 3B, DG, DL40	77 >	0-130-93	Sapphire 1.8TD		0-130-58
De ta Truck 12V 2C, 2C T	88 >	0-130-93	Sapphire 2.3TD		0-130-01
De ta 24V B, 3B	83 >	0-130-21	Scorpio 2.5D, TD	85 94	0-130-01
De ta Wide 12V 1C, 2C, 2C T	83 >	0-130-93	Sierra 1.8D, TD	87 92	0-130-58
Fourtrack 2.8D	85 93	0-130-93	Sierra 2.3D	82 92	0-130-01
HIJET CL20 12V		0-130-93	Transit (Perkins)	71 79	0-130-01
Rocky 4WD 2.8D/TD	84 >	0-130-93	FREIGHT ROVER/LDV		
FIAT			Boxer 12V		0-131-54
Argenta 2.5D, TD	81 >	0-130-01	Marina Van 1.5D	83 89	0-130-12
Brava, Bravo 1.9D	95 >	0-130-01	Marina Van 1.8D	83 >	0-130-12
Bravo 1.9D Mu tijet (937A5.000)	07 >	0-132-46	Marina Van 2.0D	86 89	0-130-01
Campagno a 2.5D	79 86	0-130-01	Metro Van 1.4D	92 >	0-130-58
Croma (194) 1.9 Mu tijet (939A2.000)	05 >	0-132-46	Red ine 340FG, 350FG		0-130-12
Croma (194) 2.4 Mu tijet (939A3.000)	05 >	0-132-46	Sherpa Van 1.5D	83 >	0-130-12
Croma 2.5D, TD	85 92	0-130-01	Sherpa Van 1.8D	83 >	0-130-12
Dai y 2.5D, 2.5TD	78 >	0-130-01	Sherpa Van 200, 300 2.5D	85 89	0-131-52
Dob o (119) 1.3D Mu tijet (223A9.000)	05 >	0-132-44	Sherpa Van 2.0Di	86 89	0-130-01
Dob o Cargo (223) 1.3JTD16V (188A9.000) 04 >		0-132-44	Sherpa Van 2.5Di	87 89	0-130-01
Dob o Cargo (223) 1.3D Mu tijet (199A2.000) 04 >		0-132-44	Sherpa Van 400 2.5D, 2.5TD	85 >	0-130-01
Ducato 10D 2.0	87 94	0-130-01	Tractor 1.5		0-130-12
Ducato 10TD 1.9	94 >	0-130-01	HINO/RANGER		
Ducato 10TD 2.0, 2.5	90 94	0-130-01	Ranger 12V DG 2.5	78 80	0-130-93
Ducato 10D 2.0	87 94	0-130-03	Ranger 24V B, 3B 3.0, 3.4	78 >	0-130-21
Ducato 13D 2.5	> 85	0-130-01	HONDA		
Ducato 14TD 1.9, 2.5	86 98	0-130-01	Concerto 1.8TD	94 95	0-130-01
Ducato 14D, 4x4, TD 4x4 2.5	86 94	0-130-01	P100 Pick Up 1.8TD	89 94	0-130-58
Ducato 18 MAXI TD 2.5	86 94	0-130-01	HYUNDAI		
Duna 1.7D	86 90	0-130-01	Ga oper 2.5TD, 2.5TCi, 2.7D	98 >	0-132-32
Fiorina 1.3D, 1.7D, TD	82 >	0-130-01	H 1 2.5D	93 >	0-130-17
Idea 1.3JTD (188A9.000)	04 >	0-132-44	H 100 2.5D	93 00	0-130-17
Idea 1.3D Mu tijet (199A3.000)	04 >	0-132-44	Sate ite 2.5TD	97 >	0-130-17
Linea 1.3D Mu tijet (199A3.000)	07 >	0-132-44	Starex/Trajjet 2.5TD	97 >	0-130-17
Marengo 1.9D, TD	92 96	0-130-01	Terracan 2.5TD, 2.9crdi	01 >	0-132-32
Marengo 2.0D, 2.5D	80 89	0-130-01	INTERNATIONAL		
Panda 1.3D	86 89	0-130-01	125, 454, 2454, 3400A, 474, 544, 574	70 >	0-131-50
Panda (169) 1.3JTD (188A9.000)	03 >	0-132-44	2400, 2500, 3400	71 >	0-131-50
Pa io 1.7D, TD	96 >	0-130-01	3500 Loader, 3500GD	73 >	0-131-50
Punto (188) 1.3JTD 16V (188A9.000)	03 >	0-132-44	ISEKI (Mitsubishi Kyoto Engines)		
Punto Grande (199) 1.3D Mu tijet (199A2.000) 05 >		0-132-44	12, 13, 14, KA2S, 2B, 2C		0-130-75
Punto 1.7D, TD	93 >	0-130-01	K3 A, B, C, D, E, F, H, M, K4 A, B, C, D, E, F		0-130-75
Regata 1.7D	83 89	0-130-01	KE55, 70, 70L, 75, 75L, 80, 85, 95, 130		0-130-75
Regata 1.9D, TD	84 89	0-130-01	ISUZU		
Ritmo D, 1.7D, 1.9TD	79 >	0-130-01	Bus D500 24V	70 71	0-132-22
Scudo 1.9D,TD	96 >	0-130-01	E f 150 C190, C240 12V	70 84	0-130-85
Sti o (192) 1.9JTD (192A5.000,937A5.000) 04 >		0-132-46	E f 150 4JA1, 4JB1, 4JB1T 12V	84 >	0-130-95
Strada (178E) 1.3D Mu tijet (223A9.000) 06 >		0-132-44	E f 250 C240, 4BA1, 4BC1 12V	70 84	0-130-85
Strada 1.7D	79 >	0-130-01	E f 250 4BJ1 2, 4JA1, 4JB1 12V	84 >	0-130-95
Ta ento 1.9D	88 94	0-130-01	E f 250 4BC2 24V	81 84	0-132-22
Tempra 1.9D, TD	90 >	0-130-01	E f 350 4BB1, 4BD1 24V	73 84	0-132-22
Tipo 1.7D, 1.9D, TD	87 >	0-130-01	Forward	70 72	0-132-22
U ysse 1.9TD	94 >	0-130-01	Fargo	81 82	0-130-85
U ysse 2.1TD	96 >	0-130-01	Hipack	83 87	0-130-85
Uno (a mode s)	83 >	0-130-01	Journey	70 72	0-132-22
127 1.3D	83 87	0-130-01	Rodeo C190, C223	79 >	0-130-85
131 2.0D, 2.5D	78 84	0-130-01	Rodeo 4JB1	90 >	0-130-95
132 2.0D, 2.5D	78 81	0-130-01	Trooper 2.3TD	81 90	0-130-85
240 12V	> 79	0-130-09	Trooper 2.8TD, 4JB1T	90 92	0-130-95
242 15/18D 2.5	74 >	0-130-01	IVECO		
500 1.3D Mu tijet (169A1.000)	07 >	0-132-44	Dai y, Grinta 2.4 D30, 35, 40, 48	78 89	0-130-01
TRUCKS BUS 24V		0-131-58	Trucks	24V	0-131-58
FORD			JOHN DEER		
Courier 1.8D	91 96	0-130-58	Tractors 2840, 3030, 3130 (6 Cy)	12V	0-131-50
Econovan 2.0D	85 >	0-130-26	Combine MB955, 965, 975, 985 (6 Cy)	12V	0-131-50
Escort 1.8 Turnier TD (RFD, RFK)	90 00	0-130-58	JAGUAR		
Escort 1.8D, Express, Turnier	86 >	0-130-58	S Type 2.7D (CCX)	04 >	0-132-45
Fiesta V 1.4TDCI (F6JA F6JB)	01 04	0-132-43	XF Type 2.7D	08 >	0-132-45
Fiesta V 1.4TDCI (F6JA F6JB)	04 >	0-132-51	XJ Type 2.7D	05 >	0-132-45
Fiesta V 1.6TDCI (HHJA HHJB)	04 >	0-132-51	KIA		
Fiesta 1.8D, Courier (RTC, RTD, RTG)	89 >	0-130-58	Besta 2.2D	96 >	0-132-47
Focus C Max 1.6TDCI (HHDA HHDB)	05 07	0-132-43	Frontier 3.0D	98 >	0-130-36
Focus C Max 1.6TDCI (G8DA G8DB)	03 07	0-132-43	K2700 2.7D	99 >	0-132-47
Focus C Max 1.6TDCI (66, 80)	07 >	0-132-51	Pregio 2.7D	97 >	0-132-47
Focus II (DA) 1.6TDCI (HHDA HHDB)	05 >	0-132-43	Pregio 3.0D	98 >	0-130-36
Focus II (DA) 1.6TDCI (G8DA G8DB)	04 >	0-132-43	Rentona 2.0TD	99 >	0-132-47
Focus II 1.6TDCI (GPDA, C, HHDA, B)	05 >	0-132-51	Sportage 2.0TD	97 >	0-132-47
Focus II 1.6TDCI (G8DA, B, D, E, F)	04 >	0-132-51			
Fusion (JU) 1.4TDCI (F6JA F6JB)	02 04	0-132-43			
Fusion (JU) 1.6TDCI (HHJA HHJB)	04 >	0-132-43			
Fusion 1.4TDCI (F6JA F6JB)	04 >	0-132-51			
Ga axy 1.9 TDi	95 >	0-130-98			
Granada 1.9D, 2.1D 2.5D	79 85	0-130-01			
Maverick 2.7D (TD27, TD27T)	93 >	0-132-51			
Mondeo 1.8TD	93 96	0-130-58			

REPLACEMENT COMPONENTS

Glow plug applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
KOMATSU			Light Bus Parkway 12V (HA)		
Bu dozer 4D105, 4D92 (4 Cy)	24V	0-130-21	Mazda 2 1.4CD (F6JA, F6JB)	80 >	0-130-26
Pay oader	12V	0-131-54		03 >	0-132-43
KUBOTA			MERCEDES BENZ		
3602DT, KH 20, L2601, L4202 (4 Cy)	12V	0-130-81	170Da, Db, Ds, S D	> 83	0-131-04
KH 11H, KH 12FD, L235, L305 (3 Cy)	12V	0-130-81	190 2.0D	83 89	0-130-01
RC 20 FD (3 Cy)	12V	0-130-81	190 2.5D, TD	85 89	0-130-01
B1902DT, B6100, B7001, B7100 (3 Cy)	12V	0-130-65	200 2.0D	69 80	0-131-01
B5100, NX1100, NX1300, NX1800(2 Cy)	12V	0-130-65	200 2.0D, TD	80 89	0-130-01
KH 8, L2002, L1802, L2202, L2402(3 Cy)	12V	0-130-65	206 2.0D, DG, 2.2DG	71 77	0-131-01
L2602, L2802, L3202, L4202DT (4 Cy)	12V	0-130-65	207D 2.0D	77 89	0-131-01
L275, NX1500, RC 15FD (3 Cy)	12V	0-130-65	207D 2.4D, 209D 3.0D, 307D 2.4D	82 89	0-130-01
M4950 (6 Cy)	12V	0-130-65	207D 2.4D, 307D 2.4D, 407D 2.4D	75 82	0-131-01
RC 20, RC 25, RC 8FD (2 Cy)	12V	0-130-65	220 2.2D	69 79	0-131-01
LADA			220 2.2CDi	97 >	0-132-17
A eko 1.8D	90 >	0-130-58	240 2.4D, TD	73 80	0-131-01
Niva 1.9D, 4x4	84 >	0-130-01	240 2.4D, GD	80 89	0-130-01
LANCIA			240 2.5GD	87 89	0-130-01
Dedra 1.9TD, Eco LE, HPE, DS, LS	86 >	0-130-01	240 3.0D	74 76	0-131-01
De ta 1.9TD	86 91	0-130-01	250 2.5D, TD	85 89	0-130-01
Musa 1.3D Mu tijet (188A9.000/A3.000)	04 >	0-132-44	300 3.0D	84 89	0-131-01
Prisma 1.9D, TD	84 89	0-130-01	300 3.0TD, GD (5 Cy)	76 80	0-131-01
Thema 2.5TD	84 >	0-130-01	300 3.0GD (5 Cy)	79 90	0-130-01
Thesis 2.4JTD (841G.000)	03 >	0-132-46	300 3.0D, TD	80 85	0-130-01
Ypsi on 1.3JTD, 1.3D Mu tijet (199A9.00/A2.00)	03 >	0-132-44	300 3.0D, TD, GD, 4MATIC	86 89	0-130-01
Zeta 1.9TD	95 >	0-130-01	306 2.0D, DG, 2.2DG	71 77	0-131-01
Zeta 2.1TD	96 >	0-130-01	307D 2.0D	77 85	0-131-01
LAND ROVER			309D 3.0D, 409D 3.0D	82 89	0-132-01
88 2.2D	77 83	0-131-02	406 2.2DG	69 74	0-131-01
109 2.6D	77 83	0-131-02	407D 2.4D	82 88	0-130-01
88 2.5D	86 90	0-130-52	507D 2.4D	86 89	0-130-01
90, 110 2.5D	83 90	0-130-01	C200 2.2CDI	98 >	0-132-17
90, 110 County 2.5TD	89 >	0-130-52	C220 2.2CDI	97 >	0-132-17
90, 110 2.5D (BMW)	94 02	0-130-01	C270 2.7CDI	00 >	0-132-17
Defender 2.5TDi 200, 300TDi	89 >	0-130-92	CLK270 2.7CDI	02 >	0-132-17
Discovery 2.5TDi 200, 300 TDi	89 98	0-130-92	E200 2.2CDI	98 >	0-132-17
Discovery III 2.7TD (276DT)	04 >	0-132-45	E220 2.2CDI	98 >	0-132-17
Range Rover 2.4TD	86 89	0-130-52	E270 2.7CDI	99 >	0-132-17
Range Rover 2.5TD	93 >	0-130-01	E320 3.2CDI	99 >	0-132-17
Range Rover 2.5TDi	89 93	0-130-92	E400 4.0CDI	03 >	0-132-17
Range Rover 2.5TDS (BMW)	94 >	0-130-01	MB 2.4 100D, 180	87 89	0-130-01
Range Rover 2.7TDVM (276DT)	05 >	0-132-45	ML270 2.7CDI	98 >	0-132-17
Range Rover 3.6TD8 (368DT)	06 >	0-132-45	O 390 2.4D	75 82	0-131-01
LEYLAND			O 390 2.4D	82 89	0-130-01
200 2.0D	89 >	0-130-01	S320 3.2CDI	99 >	0-132-17
245 2.5	73 >	0-131-57	S400 4.0CDi	00 >	0-132-17
400 2.5D, TD	87 >	0-130-01	Sprinter 208CDI, 211CDI, 213CDI 2.2	00 >	0-132-17
Boxer Bx	12V	0-131-54	Sprinter 308CDI, 311CDI, 313CDI 2.2	00 >	0-132-17
FK tractor shove	12V	0-131-54	Sprinter 408CDI, 411CDI, 413CDI 2.2	00 >	0-132-17
Ford truck	12V	0-131-54	Sprinter 212D, 312D, 412D(>000136)	2.9 95 00	0-130-01
Fairway 2.7TD	93 >	0-132-49	Sprinter 212D, 312D, 412D(>009849)	2.9 95 00	0-130-01
Read line 220, 240, 340FG, 350	12V	0-130-12	Sprinter 216CDI, 316CDI 2.7	00 >	0-132-17
Road Ro er GC4, GN, GR	12V	0-131-54	Sprinter 416CDI, 616CDI 2.7	00 >	0-132-17
Road Ro er GRY, GRT	12V	0-131-57	V200 2.0CDi, V220 2.2CDi	99 >	0-132-17
Road Ro er PR2, PR15, PRT	12V	0-131-54	Viano 2.0CDI, 2.2CDI	03 >	0-132-17
Sherpa 1.5D, 1.8D	12V	0-130-12	Vito 108D, 110TD 2.3	95 >	0-132-17
Sherpa 2.0D, 2.5Di	12V	0-130-01	Vito 108CDI, 110CDI, 112CDI 2.2	98 >	0-132-17
Dumper SY4, 5, 6, 7	12V	0-131-57	Vito 2.0CDI, 2.2CDI	03 >	0-132-17
TR Range, TR3	12V	0-131-54	Unimog U34 1.8, 421 2.0	65 75	0-131-04
TS 200 Tractor shove	12V	0-131-57	Unimog U52, U60 2.5	69 76	0-131-01
LEXUS			Unimog 600/650 2.4	88 >	0-130-01
IS220d (2AD FHV)	05 >	0-132-50	MINI		
MAZDA			Mini Cooper D 1.6D (9HZ DV6TED4)	07 >	0-132-51
323 1.7D	86 96	0-130-26	Mini C ubman 1.6D (9HZ DV6TED4)	07 >	0-132-51
626 2.0D	82 96	0-132-47	MITSUBISHI		
626 2.0D (RF46, RFB)	82 89	0-132-47	Bobcat MM35	12V	0-130-75
626 2.0D Wagon (RF, RF8)	88 92	0-132-47	Co t Lancer 1.8D, GLD	83 88	0-130-17
626 II 2.0D (RF46)	83 87	0-132-47	Co t Lancer 2.0TD	93 96	0-132-32
626 III 2.0D (RF N)	87 91	0-132-47	De ica (4D55, 4D56)	82 >	0-130-17
626 III 2.0D SW (RF CX)	93 96	0-132-47	De ica (4D56)	93 94	0-130-26
626 V 2.0DITD (RF3F)	98 02	0-132-47	De ica (4D56T)	97 >	0-132-32
626 VI 2.0 D GLX (RF OHC)	93 97	0-132-47	De ica (4M40T)	94 >	0-132-48
929	80 >	0-130-26	Dump truck 24V (6DR5)	76 >	0-130-17
B 2.2	12V	0-130-26	Eterna 12V 1.8D, TD, 2.3D, TD Not QGS	80 87	0-130-17
B 2.5 4WD	12V	0-132-47	Ga ant 12V 1.8TD, 2.3D, TD	80 87	0-130-17
Cape a (RF)	83 >	0-130-26	Ga ant 2.0TD (4D68)	93 00	0-132-32
E 2.2 (R2)	84 88	0-130-26	Ga ant Wagon 2.0TD (4D68)	96 00	0-132-32
J80 (RF)	83 >	0-130-26	Ga oper 2.5D (D4BH)	98 >	0-132-32
MPV 2.5TD	96 >	0-130-26	Grandis 2.0Di D (BSY)	05 >	0-132-41
MPV 2.5TD (WL Turbo)	96 >	0-132-47	L200D 2.3D, L300D 2.5D	83 86	0-130-17
Spectron (RF)	83 >	0-130-26	L200D 2.5D (4D56 SOHC)	94 96	0-132-32
Titan	12V (XA)	0-130-26	L300D 2.5D	87 >	0-130-17
T 2.5, 3.0, 4.1	12V (XA)	0-130-26	L300D 2.5TD, L400 2.5TD (4D56T)	94 >	0-132-32
			Libero (4D68T)	97 >	0-132-32
			Lancer 2.0D, TD (4D68, 4D68T)	93 >	0-132-32
			Lancer Station Wagon 2.0D	93 96	0-132-32
			Mirage (4D68T)	97 >	0-132-32
			Montero 2.5TD	83 88	0-130-17

REPLACEMENT COMPONENTS

Glow plug applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
Montero 2.8TD (4M40)	94 00	0-132-48	CEF02A Series 12V (SD22, SD25)		0-130-65
Outlander 2.0Di D (BSY)	07 >	0-132-41	QF01A, QF02A Series 12V (SD22)	> 80	0-130-65
Pajero 2.3D, TD, 2.5TD	82 93	0-130-17	QF01A, QF02A Series 12V (SD22)	81 >	0-130-65
Pajero 2.5TD Intercooler	93 99	0-130-26	EF02 Series 12V (SD25)		0-130-65
Pajero Sport 2.5TD	98 02	0-132-32	EF02A Series 12V (SD25)		0-130-65
Pajero II 2.5TD (4D56TD)	90 00	0-132-32	FD005, 006, 007 Series 12V (SD33)		0-130-65
Pajero II 2.8TD (4M40)	94 00	0-132-48	F02, 03 Series 12V (SD33)		0-130-65
Shogun 2.3D, TD	82 >	0-130-17	F22, H40 12V (SD25)		0-130-65
Shogun 2.5TD	93 98	0-132-32	H01, NH01 12V (SD15)		0-130-65
Shogun 2.7TD (4M40)	94 00	0-132-48	H01, H02, 12V (SD25)		0-130-65
Space Runner 2.0D (4D68)	93 >	0-132-32	NH02 12V (SD15T)		0-130-65
Space Wagon 1.8TD	89 >	0-130-17	QF01, 02, QGf02 Series 12V (SD22, SD25)		0-130-65
Space Wagon 2.0TD 4WD	93 >	0-132-32			
Sigma 2.3D/TD 4D55T	80 84	0-130-17	NISSAN General Purpose Engines:		
Strada (4D68T)	97 >	0-132-32	Condo 12V (SD22)		0-130-65
1300 Van, Minibus 12V (4D56)		0-130-17	12V (SD23)		0-130-65
			12V (SD25)		0-130-65
NISSAN Industrial Engines			NISSAN Marine Engines:		
Dump truck 24V (6DR5)	76 >	0-130-17	12V (SD33)		0-130-65
12, 13, 14, KA2(S), 2B, 2C		0-130-75			
K3A, B, C, D, E, F, G, H, M		0-130-75	OPEL		
K3, K4, KE55, 80, 85, 95, 130		0-130-75	Agi 1.3CDTI (Z13DT, Z13DTJ)	03 >	0-132-44
KE70, 70L, 75, 75L		0-130-75	Arena 2.5D	98 >	0-130-01
				79 81	0-130-01
NEW HOLLAND			Ascona C 1.6D	82 88	0-130-01
Cayson SP818, 1530, 1540 1550	68 >	0-131-54	Campo 1.7D, 2.2D Pick up	96 >	0-130-63
Cayson M140, M133, M135, M89	68 >	0-131-54	Combo Tour 1.3CDTI 16V (Y13DT, Z13DT/J)	04 >	0-132-44
			Combo 1.7Di (4EE1 OHC)	94 >	0-132-63
NISSAN			Kadett D 1.6D	82 89	0-130-01
QGS type 1 = twin relay			Kadett E 1.5D Isuzu	84 91	0-130-85
220C 2.0D, 2.2D, 2.3D	68 >	0-130-65	Mervia 1.3CDTI (Z13DT/J)	03 >	0-132-44
280C 2.0D, 2.2D	68 >	0-130-65	Rekord E 2.0D	79 82	0-130-01
819 2.0D, 910 2.0D (LD20, LD20T)	87 >	0-130-36	Rekord E 2.3D, 2.3TD	79 86	0-130-01
Atlas 12V (SD23, SD25)	82 >	0-130-65	Senator 2.0D	80 >	0-130-01
B11 1.7D	86 >	0-130-36	Senator 2.3D, 2.3TD	81 >	0-132-01
Buebird 2.0D	85 90	0-130-36	Signum1.9CDTI (Z19DTH)	04 >	0-132-46
Brougham 2.3D	93 >	0-130-17	Vivaro 2.5DTi	03 >	0-132-31
Caba /C340, Civi an 2.2D	67 >	0-130-65			
Caba /C340, Cipper 3.0D	80 81	0-130-65	PERKINS		
Cabstar, Homer 2.2D	76 >	0-130-65	4 108 12V		0-131-54
Cabstar, Homer 2.3D, 2.5D, 2.7D	87 >	0-130-17	Fork Lift Truck D3 152, 4 107	70 >	0-131-54
Cedric, Goria (SD20)	68 83	0-130-65	Beet Harvester P3 359, P4 459, P6 659	70 71	0-131-53
Cedric, Goria 2.3D (SD23)	84 >	0-130-65	.4 99, 107, 108, 192, 203, 236	70 71	0-131-54
Cedric, Goria 2.3D (TD23)	86 >	0-130-17	3 144, 152, 6Pf288, 305, 6 354	70 71	0-131-54
Datsun Truck 12V (SD22, 23, 33)	68 >	0-130-65	6 372 (TA)	70 71	0-131-54
D21 2.5D, 2.7D (TD25, 27)	93 >	0-130-17	Fork Lift Truck/Industria DFG4L 4 236	70 >	0-131-54
D21D 2.7 (TD27T)	93 >	0-132-49	Genera 6 354, T6 354, 6 354(1), 4 108(V)	69 >	0-131-54
E20, E23, E24 2.2D 12V	78 >	0-130-65	Inc. Marine H6 354(M), 4 108(M)	69 >	0-131-54
E20, E23, E24 2.3D(SD23 QGS Type1)12v82 >		0-130-65	Industria 4 248(1), 6 372	71 >	0-131-54
E20, E23, E24 2.3D (TD23) 12V		0-130-17	Industria 6 354.2	70 71	0-131-54
E20, E23, E24 2.7D, E24 2.5D 12V		0-130-17	Industria A4 248, D4 203(1)	70 >	0-131-54
F22 2.3D, 2.5D, 2.7D 12V		0-130-17	Refrigeration Unit 4 107(A)	69 >	0-131-54
F22 2.5D 12V (SD25)	81 >	0-130-65			
H40 12V (SD25)	> 81	0-130-24	PEUGEOT		
	81 >	0-130-65	106 1.4D, XND, XDR, XTD	92 >	0-130-58
Junier 12V (SD22, 25)	68 >	0-130-65	106 1.5D (TUD5) 2.1, 2.3	94 >	0-130-85
Laure 2.0D (SD20)	78 80	0-130-65	107 1.4HDI	05 >	0-132-51
N12 (CD17)	86 >	0-130-36	205 1.8D, TD, 1.9D	83 >	0-130-01
Pathfinder 2.5D21, 2.7D21 (TD27ETi)	81 >	0-130-17	206 1.4HDI eco 70 (8HX, 8HZ)	01 >	0-132-43
Pathfinder 2.7D21 (TD27T)	81 >	0-132-49	206 1.4HDI (8HX, 8HZ, DV4TD)	01 >	0-132-51
Patro 2.7TD	93 >	0-130-17	206 1.6HDI 110 FAP (9HY, 9HZ)	04 >	0-132-43
Patro 3.2D, TD	82 >	0-130-65	206 1.6HDI 110 (9HY, 9HZ, DV6TED4)	04 >	0-132-51
Patro 4.2TD 12V	87 >	0-130-17	207 1.4HDI (DV4TD)	06 >	0-132-51
Pick up 2.2D 2.3D	78 >	0-130-65	207 1.6HDI (9HX, 9HY, 9HZ, DV6TED4)	06 >	0-132-51
Pick up 2.5D (SD25)	83 >	0-130-65	304 1.5D	79 80	0-130-01
	(TD25)	0-130-17	305 1.5D, 1.6D, 1.7D, 1.9D	77 >	0-130-01
Pick up 2.7D (TD27)	87 98	0-130-17	306 1.8D	98 >	0-130-01
Pick up 2.7D (TD27T)	87 >	0-132-48	306 1.9D (XUD9A/L, XUD9BSD)	93 >	0-130-01
Pu sar 1.7D (CD17)	86 >	0-130-36	306 1.9TD (XUD9TE)	93 >	0-130-01
Serena 2.0D	94 >	0-130-36	307 1.4HDI (8HX, 9HZ)	01 >	0-132-43
Serena 2.3D (LD20)	92 94	0-130-36	307 1.6HDI 110 (9HY)	04 05	0-132-43
Serena 2.3D (LD23)	94 >	0-132-48	307 1.6HDI (9HX, 9HY, DV6ATED4)	04 >	0-132-51
Sentra 1.7D	87 >	0-130-36	308 1.6HDI (9HZ DV6TED4)	07 >	0-132-51
Stanza 2.0D	86 >	0-130-36	309 1.8D, TD, 1.9D	86 >	0-130-01
Sunny 1.7D	86 98	0-130-36	405 1.8D, TD, 1.9D, TD	88 >	0-130-01
Sunny wagon 12V (CD17)	83 >	0-130-36	406 1.9D, TD, 2.1TD	95 >	0-130-01
Terrano 2.5TD, 2.7TD (TD25, TD27)	87 >	0-130-17	407 1.6HDI 110 (9HY)	04 06	0-132-43
Terrano 2.7TD (TD27T)	89 93	0-132-48	407 1.6HDI (9HY DV6TED4)	06 >	0-132-51
Terrano II 2.7TDI (TD27TI)	96 97	0-132-48	407 2.7HDI (UHZ)	05 >	0-132-45
Trade 2.8D	87 89	0-130-01	504 1.9D, 2.1D, 2.3D, Pick up	78 >	0-130-01
Urvan 2.2D 12V	78 >	0-130-65	505 2.3D, TD, 2.5D, TD	79 >	0-130-01
Urvan 2.3D 12V (SD23)QGS Type1	82 >	0-130-65	604 2.3TD, 2.5TD	79 >	0-130-01
Urvan 2.3D, 2.5D, 2.7D (TD23, 25, 27)	87 >	0-130-17	605 2.1D, 2.1TD, 2.5TD	89 >	0-130-01
Vanette 2.0D (LD20)	87 >	0-130-36	607 2.7HDI 24V (DT17TED4)	04 >	0-132-45
Vanette 2.0D (LD2011, L)	87 94	0-130-36	806 1.9TD, 2.1TD	94 >	0-130-01
Vanette Cargo 2.0D (LD20 OHC)	92 94	0-130-36	1007 1.4HDI (8HX, 8HZ, DV4TD)	05 >	0-132-51
Wagon 1.7D	93 >	0-130-36	1007 1.6HDI (9HZ, DV6TED4)	07 >	0-132-51
			3008 1.6HDI (9HZ, DV6TED4)	09 >	0-132-51
NISSAN Fork Lift:			Bipper 1.4HDI (8HS, DV4TD)	08 >	0-132-51
NSF01A, SF01A Series 12V (SD15)		0-130-65			

REPLACEMENT COMPONENTS

Glow plug applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
Boxer 1.8D, 1.9D, TD, 2.5D, TD	94 >	0-130-01	Fabia 1.9SDi, TDi	99 >	0-130-98
Expert 1.6HDI 90	07 >	0-132-51	Fabia 1.9TDI, Combi (BLS, BSW)	07 >	0-132-39
Expert 1.9D (XUD9A), 1.9TD	95 >	0-130-01	Fe icia 1.9D	96 >	0-130-57
Partner 1.8D (XUD7), 1.9D (XUD9A)	96 >	0-130-01	Octavia 1.9D, Pick up	96 >	0-130-57
Ranch 1.6HDI (9HX, DV6ATED4)	08 >	0-132-43	Octavia 1.9TDi, SDi	96 >	0-130-98
Ranch 1.6HDI 75, 90 (9HX, DV6ATED4)	06 >	0-132-51	Octavia 1.9TDi (BJB, BKC, BLS, BXE)	04 >	0-132-39
Ranch 1.9D	97 98	0-130-01	Octavia 2.0TDi (BMM)	05 >	0-132-39
J5 1.9D, 2.5D, TD	81 <	0-130-01	Octavia 2.0TDi 16V, Combi (BKD)	04 >	0-132-41
J7 2.3D	78 80	0-130-01	Roomster 1.9TDi (BLS, BSW)	09 >	0-132-39
J9 2.1D, 2.3D, 2.5D	80 >	0-130-01	Superb 1.9TDi (AWX)	02 >	0-130-98
PROTON			Superb 1.9TDi, 2.0TDi (BSV, BPZ, BSS)	05 >	0-132-39
Persona 400/420 2.0D	96 >	0-130-17	Superb 2.5TDi	02 >	0-133-38
RENAULT			SSANG YONG		
Avantime 2.2DCI	02 >	0-132-31	Korando 2.2D	88 96	0-130-85
B70	83 >	0-130-01	SUZUKI		
B90	86 >	0-130-01	Ba eno 1.9TD	98 >	0-130-01
Espace I 2.1TD	84 90	0-130-01	Ignis II 1.3DDIS (Z13DT)	03 >	0-132-44
Espace II 2.1TD	91 96	0-130-01	Liana (ER) 1.4DDIS (8HY)	05 >	0-132-43
Espace III 2.2DCI	00 >	0-132-31	Samuri 1.9TD	98 >	0-130-01
Espace IV 2.2DCI	02 >	0-132-31	Swift III (SG) 1.3DDIS (Z13DT)	05 >	0-132-44
Fuego 2.1D, TD	81 >	0-130-01	Vitara 1.9D, TD	96 98	0-130-01
Laguna II 2.2DCI	01 >	0-132-31	Vitara 2.0TD	94 98	0-130-26
Master 2.1T30D	86 >	0-130-01	Grand Vitara 2.0TD	98 >	0-132-47
Master 2.2DCI	00 >	0-132-31	Wagon R + (MM) 1.3DDIS (Z13DT)	03 >	0-132-44
Master 2.4T30D, 35D (SOFIM 8140.61)	80 >	0-130-01	TALBOT (SIMCA)		
Master 2.4T35D (S8U 731, S8U 742)	85 >	0-130-01	Express 1.9D, 2.5D, TD	81 94	0-130-01
Master 2.5T35D	80 89	0-130-01	Horizon 1.9D	82 86	0-130-01
Master 2.5DCI	01 >	0-132-31	So ara 1.9D	84 86	0-130-01
R18 2.1D, TD	80 >	0-130-01	Tagora 2.3D	81 83	0-130-01
R20 2.1D, TD	79 83	0-130-01	TATA		
R21 2.1D, TD, Fastback, Nevada	86 >	0-130-01	206, 207 1.9D	88 >	0-130-01
R25 2.1D, TD	84 92	0-130-01	Sierra 1.9D, TD	97 >	0-130-01
R30 2.1D, TD	81 83	0-130-01	TOYOTA		
Safrane 2.1TD	92 >	0-130-01	Avensis 2.0TD	97 00	0-130-93
Trafic 1.9DCI	01 >	0-132-31	Avensis 2.0D 4D	03 >	0-132-33
Trafic 2.1D	80 97	0-130-01	Avensis Verso 2.0	01 >	0-132-33
Trafic 2.5D (SOFIM S8U, 81.40.67.2500)	82 97	0-130-01	Avensis 2.2D (2AD FHV)	05 >	0-132-50
Trafic 2.5D	03 >	0-132-31	Aygo 1.4HDI	05 >	0-132-43
Ve Satis 2.2CDI	02 >	0-132-31	B izzard 2.5D	90 >	0-130-49
ROVER			Bus 24V (2D)	73 77	0-130-46
114 1.4D	92 94	0-130-58	Camry 1.8D, 2.0TD Combi	83 91	0-130-93
217 1.9SD	91 >	0-130-01	Carina 1.8D	82 83	0-130-93
218 1.9D, SD, SLD, 1.8TD	91 96	0-130-01	Carina E 2.0D, TD	92 >	0-130-93
418 1.8TD, SLD, GSD, 1.9D	91 95	0-130-01	Carina II 2.0D	83 >	0-130-93
825 2.5D, SD, SLD, TD	91 95	0-130-01	Chaser 2.5D	88 >	0-130-49
825 2.5D	88 91	0-130-52	Coaster 12V (B, 2B, 3B)	72 82	0-130-93
Maestro 2.0D, 2.0TD, Van	86 95	0-130-01	Coaster 12V (13B)	93 >	0-130-93
Marina 1.5D	71 82	0-130-12	Coaster 24V (2H)	82 >	0-130-21
Metro 1.4D	92 95	0-130-58	Coaster 24V (13B)	93 >	0-130-21
Montego 2.0TD	88 95	0-130-01	Coaster 24V (B, 2B, 3B)	72 89	0-130-21
SDI 2.4STD	82 86	0-130-52	Coaster 24V (1HZ)	94 >	0-130-21
SAAB			Coaster 24V (3B, 1HD T)	98 >	0-130-21
9 3 1.9TID (Z19DT, Z19DTH)	04 >	0-132-46	Coro a 1.5	86 >	0-130-49
SEAT			Coro a 1.8D	82 92	0-130-93
131 2.4D	82 84	0-130-01	Coro a 2.0D	92 00	0-130-93
A hembra 1.9 TDi, 4 Motion	95 >	0-130-98	Coro a 2.0D (C.Rai)	00 >	0-132-33
A hembra 1.9TDi (cooling water heater)	95 >	0-132-02	Coro a 2.2D 4D (2AD FHV, FTV)	05 >	0-132-50
A hembra 2.0TDi (BRT)	05 >	0-132-39	Cressida 2.2D, 2.4D, 2.5D, TD	80 >	0-130-49
A tea 1.9TDi, XL (BJB, BKC, BLS, BXE)	04 >	0-132-39	Cresta 2.5D	88 >	0-130-49
A tea 2.0TDi, XL (AZV, BMM)	04 >	0-132-39	Crown 2.2D, 2.5D	79 >	0-130-49
A tea 2.0TDi 16V, XL (BKD, AZV)	04 >	0-132-41	Dyna 2.0D 24V	80 >	0-130-21
Arosa 1.7TDi	97 >	0-130-98	Dyna 2.5D, 2.8D	85 >	0-130-49
Cordoba 1.9D	93 >	0-130-57	Dyna 3.0D 24V (B/11B)	93 >	0-130-21
Cordoba 1.9SDi, TDi	95 >	0-130-98	Dyna 3.7D 24V (141B)	93 >	0-130-21
Ibiza 1.7D	84 93	0-130-01	Hiace 2.2D	80 85	0-130-49
Ibiza 1.9D, TD	93 >	0-130-57	Hiace 2.4D, TD, Pick up	95 >	0-130-49
Ibiza 1.9TDi, SDi (AEY, AHU, AFN)	93 >	0-130-98	Hiace 2.5D, 4WD	84 >	0-130-49
Ibiza IV Cupra R 1.9TDi (BPX)	04 >	0-132-39	Hiace 3.0D, 3.7D 24V (B/11B,14B)	93 >	0-130-21
Ibiza V 1.9TDi, Sportcoupe (BXJ, BLS)	08 >	0-132-39	Hi Lux 2.2D, 4WD	79 83	0-130-49
Inca 1.7D, 1.9D	95 >	0-130-57	Hi Lux 2.4D, TD, 4WD, 2.5D	88 >	0-130-49
Inca 1.9TDi, SDi	95 >	0-130-98	Hi Lux Surf (2C III T)	88 >	0-130-93
Leon 1.9TDi, SDi (AQM, AGR, AHF, ARL)	99 >	0-130-98	Hi Lux Surf 3.0D (Common rail)	00 >	0-132-33
Leon 1.9TDi, 2.0TDi (AXR, BXF, BMM)	05 >	0-132-39	Landcruiser 2.4D, TD 12V	84 93	0-130-49
Leon 1.9TDi (1P1)	07 >	0-132-39	Landcruiser 2.4D 24V	79 81	0-130-21
Leon 2.0TDi, 2.0TDi 16V (AZV, BKD)	05 >	0-132-41	Landcruiser 2.5D (2L TE)	90 >	0-130-49
Maaga 1.7D	85 91	0-130-01	Landcruiser 2.5D (VM HR492)	93 >	0-130-01
Ritmo 1.7D, Ronda 1.7D	80 88	0-130-01	Landcruiser 2.8D	93 >	0-130-49
Terra 1.3D, 1.4D	90 95	0-130-57	Landcruiser 3.4D 12V	80 >	0-130-93
To edo 1.9D, TD	91 >	0-130-57	Landcruiser 3.4D 24V	80 88	0-130-21
To edo 1.9TDi (1Z, AGR, AHF)	93 >	0-130-98	Landcruiser 4.0D, TD 12V	80 90	0-130-93
To edo III 1.9TDi (BJB, BKC, BLS, BXE)	04 >	0-132-39	Landcruiser 4.0D 24V	82 89	0-130-21
To edo III 2.0TDi (BMM)	06 >	0-132-39	Landcruiser 4.2D, TD 12V	90 >	0-130-93
To edo III 2.0TDi, 2.0TDi 16V (AZV, BKD)	04 >	0-132-41	Landcruiser 4.2D, TD 24V	95 >	0-130-21
SKODA			Lit Ace 1.8D, 2.0D	82 96	0-130-93
			Pick up L (QGS)	82 >	0-130-49

REPLACEMENT COMPONENTS

Glow plug applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
Previa 2.0D	01 >	0-132-33	Eurovan 2.5TDi	95 >	0-130-98
Rav 4, II, 2.0D	01 >	0-132-33	Go f I 1.5D, 1.6D, TD	> 84	0-130-57
Rav 4 III 2.2D	06 >	0-132-50	Go f II 1.6D, TD	88 92	0-130-57
4 Runner 2.4TD, 2.5D, 2.8D	90 >	0-130-49	Go f III 1.9D, TD	91 98	0-130-57
Star et 1.5D	86 >	0-130-49	Go f 1.9TDI	93 98	0-130-98
Toyo Ace 2.2D	80 82	0-130-49	Go f V 1.9TDI (AGP, AQM, AGR, ALH)	97 >	0-130-98
Toyo Ace 2.5D 24V (2J)	82 >	0-130-21	Go f V 1.9TDI (AHF, AJM, ANU, ARL)	97 >	0-130-98
Toyo Ace 2.5D 12V (2L II, 3L)	88 >	0-130-49	Go f V 1.9TDI (BKC,BLS,BXE,BRU,BXF,BXJ) 03 >		0-132-39
Toyo Ace 24V (B)	80 82	0-130-21	Go f V Variant 1.9TDI (BKC, BLS, BXE)	07 >	0-132-39
Truck 24V (D, 2D)	77 >	0-130-46	Go f V Variant 2.0TDI (BMM)	07 >	0-132-39
Truck 12V (2L)	73 >	0-130-49	Go f V 2.0SDI, TDI (BDK, BMM)	04 >	0-132-39
VAUXHALL			Go f V 2.0TDI, 2.0TDI 16V (AZV, BKD)	03 >	0-132-41
Arena 2.5D	98 >	0-130-01	Go f V P us 1.9TDI (BRU, BXF, BXJ)	05 >	0-132-39
Astra MkV 1.3CDTI (Z13DTH)	05 >	0-132-44	Go f V P us 2.0TDI (BMM)	05 >	0-132-39
Astra 1.5E D Isuzu 4 EC 1	84 91	0-130-85	Jetta 1.6D, TD	80 92	0-130-57
Astra 1.6D	82 >	0-130-01	Jetta III 1.9TDI (BKC, BLS, BXE)	05 >	0-132-39
Astra 1.7D	89 >	0-130-01	Jetta III 2.0TDI (BMM)	05 >	0-132-39
Astra 1.7D 17DT/TC4 EEC1 OHC956633>	91 98	0-130-63	Jetta III 2.0TDI, 2.0TDI 16V (AZV, BKD)	05 >	0-132-41
Astra MkV 1.9CDTI, 16V (Z19DTH/DTJ)	04 >	0-132-46	Lupo 1.2TDI (ANY)	98 >	0-130-98
Be mont 1.6D	82 93	0-130-01	Lupo 1.7SDI	98 >	0-130-98
Brava 2.2D Pick up (Isuzu)	91 97	0-130-85	LT 2.4D, TD	78 95	0-130-57
Brava 2.5 Pick up	92 >	0-130-01	LT 2.5SDI, TDI	95 >	0-130-98
Car ton 2.3D, TD	83 >	0-130-01	Mu tivan 1.9D,TD, 2.4D	90 >	0-130-57
Cava ier 1.6D	82 88	0-130-01	Mu tivan V 1.9TDI (BRR, BRS)	06 >	0-132-39
Cava ier 1.7D	88 95	0-130-01	Mu tivan 2.5TDI (ACV)	95 98	0-130-98
Cava ier 1.7TD Isuzu	95 >	0-130-63	New Beet e 1.9TDI (ALH, AGR)	98 01	0-130-98
Cava ier 1.7TD (III) 17TD/TC4 EE1 OHC	92 95	0-130-63	New Beet e 1.9TDI (BSW)	05 >	0-132-39
Combo 1.7D	96 >	0-130-63	Passat 1.5D	> 80	0-130-57
Combo 1.3CDTI 16V (Z13DTJ)	05 >	0-132-44	Passat 1.6D, TD	80 93	0-130-57
Corsa MkII 1.3CDTI 16V (Z13DT)	04 >	0-132-44	Passat 1.9D, TD	89 96	0-130-57
Corsa MkIII 1.3CDTI (Z13DTJ/DTH)	06 >	0-132-44	Passat 1.9TDI	93 >	0-130-98
Corsa 1.5D Isuzu 15D/4 EC1 AAD	87 93	0-130-85	Passat 1.9TDI (BKC, BLS, BXE)	05 >	0-132-39
Corsa 1.5D 15D 4EC1 OHC	93 00	0-130-63	Passat 2.0TDI (BMP, BUZ, BMR)	05 >	0-132-41
Corsa 1.5TD, XD, XTD	93 00	0-130-63	Passat 2.0TDI (BMA, CBAA)	05 >	0-132-42
Corsa 1.7D	96 00	0-130-63	Passat Variant 2.0TDI (BVD,BVEBMP,BMR) 05 >		0-132-41
Frontera 2.3TD	92 95	0-130-01	Phaeton 3.0 V6TDI (BMK)	04 >	0-132-42
Frontera 2.8TDi	95 >	0-130-95	Phaeton 3.2 V6 (AYT, BKL)	02 >	0-132-39
Meriva 1.3CDTI (Z13DTJ)	03 >	0-132-44	Po o 1.3D, 1.4D, 1.9D	85 >	0-130-57
Movano 2.2DTi	00 >	0-132-31	Po o 1.4TDI	99 01	0-130-98
Nova 1.5D, TD (Ope)	87 >	0-130-01	Po o 1.7SDI	96 >	0-130-98
Nova 1.5D Isuzu 804795>	87 93	0-130-85	Po o 1.9SDI	95 01	0-130-98
Omega 2.5TD (BMW)	94 >	0-130-01	Po o 1.9TDI (AFN, AHU, ALE)	97 >	0-130-98
Signum 1.9CDTI (Z19DTH)	04 >	0-132-46	Quantum 1.6TD	82 91	0-130-57
Tigra Twin Top 1.3CDTI (Z13DT)	04 >	0-132-44	Santana 1.6D, TD	81 >	0-130-57
Vectra 1.7 TD (isuzu)	95 >	0-130-63	Sharan 1.9TDI	95 >	0-130-98
Vectra C 1.9CDTI, C GTS (Z19DTH)	04 >	0-132-46	Taro 2.4D	89 >	0-130-49
Zafira 1.9CDTI (Z19DTH)	05 >	0-132-46	Tiguan 2.0TDI	07 >	0-132-42
VM			Touareg 2.5 R5TDI (BAC, BPE)	03 >	0-132-39
HR294HP	87 >	0-130-52	Touareg 3.0 V6TDI (BKS, CASA)	04 >	0-132-42
HR392SHTR	86 87	0-130-52	Touran 1.9TDI (BSW, AVQ, BKC, BXE)	03 >	0-132-39
HR394H, HT, HPT	84 87	0-130-52	Touran 2.0TDI (BMM)	05 >	0-132-39
HR488HI2R	85 >	0-130-52	Touran 2.0TDI (AZV, BKD)	03 >	0-132-41
HR488HT2R	79 85	0-130-52	Transporter 1.6D, TD, 1.7D, 1.9D, TD	81 >	0-130-57
HR492HIM, HR492HIR	84 87	0-130-52	Transporter V 1.9TDI (BRR, BRS)	06 >	0-132-39
HR492HIRR	86 >	0-130-52	Transporter 2.4D, TD	90 98	0-130-57
HR492HT9	80 >	0-130-52	Transporter 2.5TDi (ACV)	95 >	0-130-98
HR494H	84 >	0-130-52	Vento 1.9D, TD	91 97	0-130-57
HR494HPT	85 >	0-130-52	Vento 1.9SDi, TDi	93 >	0-130-98
HR494HT	84 86	0-130-52	VOLVO		
HR494HT10	86 >	0-130-52	240 2.0D, 2.4D	79 93	0-130-57
HR588HTT, HR588HIW	85 >	0-130-52	244 D6		0-130-57
HR594H, HT	84 >	0-130-52	245 D6		0-130-57
HR692HIW	85 >	0-130-52	360 1.8D	98 >	0-130-01
HR692HT9	81 >	0-130-52	740 2.4D, TD, Intercoo er	84 92	0-130-57
HR694HT	84 >	0-130-52	760 2.4TD, Intercoo er	82 92	0-130-57
HR694HT10	86 >	0-130-52	780 2.4TD	85 91	0-130-57
492.4 SHIR	87 >	0-130-52	850 2.5 Tdi (5)	95 >	0-130-98
VOLKSWAGEN			940 2.4 GL, GLE, TD, Intercoo er	90 97	0-130-57
Bora 1.9SDi (AGP, AQM)	98 >	0-130-98	960 2.4 TD Intercoo er	91 97	0-130-57
Bora 1.9TDi (AGR,ALH, AHF, AJM)	98 >	0-130-98	S40 II 1.6D	05 >	0-132-43
Bora 1.9TDi (ANU, ARL, ATD)	99 >	0-130-98	S60 2.5TDi	01 >	0-130-98
Bus 1.6D, TD, 1.8D, 1.9D, TD	81 98	0-130-57	S60 2.4D, 2.4D5 (D5244T2, D544T)	01 >	0-132-45
Bus 2.4D, TD	90 98	0-130-57	S70 2.5TDi	97 >	0-130-98
Bus 2.5TDi (ACV)	95 98	0-130-98	S80 2.5TDi	99 >	0-130-98
Caddy 1.6 D	> 92	0-130-57	V50 1.6D	05 >	0-132-43
Caddy 1.7SDi	96 >	0-130-98	V70 2.5TDi	97 >	0-130-98
Caddy 1.9 D	95 >	0-130-57	V70 II 2.4D, 2.4D5 (D5244T2, D5244T)	01 >	0-132-45
Caddy 1.9TDI	96 >	0-130-98	V90 3.6F407/408	78 86	0-130-52
Caddy III 1.9TDI (BSU, BJB, BLS)	04 >	0-132-39	XC70 2.4 D5 (D5244T)	02 >	0-132-45
Caddy III 2.0TDI (BMM)	07 >	0-132-39	XC90 2.4 D5 (D5244T)	02 >	0-132-45
Carave e 1.9D, TD, 2.4D, Syncro	90 >	0-130-57	YANMAR		
Carave e 2.5TDI	95 98	0-130-98	Combine (3 Cy)	12V	0-130-65
Dasher 1.5D	> 80	0-130-57	Construction machine (3 Cy)	12V	0-130-65
Dasher 1.6D	80 >	0-130-57	Generator (3 Cy)	12V	0-130-65
EOS 2.0TDI (BMM)	06 >	0-132-39	Tractors (3, 4 Cy)	12V	0-130-65
Eurovan 2.4D	92 >	0-130-57			

REPLACEMENT COMPONENTS

Glow plug cross references

Part No	BERU	BOSCH	CHAMPION	LUCAS	MARELLI	NGK	NIPPON DENSO	HKT
0-130-01	151, 161, 602MJ 603, 604, 606MJ 607, 609, 613MJ 624, 633, 636MJ 642, 651, 663MJ 691, 719, 724MJ 727, 729, 908MJ 909MJ, GN013 GN908, 909, 925 GN954, GV105 GV151, 602, 603 GV636, 642, 663 GV691, 719, 724 GV727, 798, 852	0.250.200.054, 056 057, 058, 059, 060 061, 065, 068, 069 454, 456, 465, 468 0.250.201.001, 005 006, 008, 009, 019 027, 029, 030, 032 033, 037, 039, 042 043, 045C, 405, 469 927, 929, 932, 939 952	CH 8 CH 63 CH 68 CH 87 CH 88 CH 137 CH 159 CH 163	DS001,3,6 HDS212 HDS216 HDS218 HDS221 HDS255 HDS274 HDS295 HDS337 HDS339 HDS348 HDS352 HDS353 HDS371	REP1A TIX2A TIX4A UX2A UX4A UX9A UX15A	Y 208T Y 902R Y 908R Y 916R Y 917U Y 920R Y 922R Y 923U Y 924U Y 938R		B 030, 033 B 034, 036 B 038, 039 B 040, 041 B 044, 045 B 050, 052 B 081
0-130-12	112M, GV112	0.250.200.035	CH 32	HDS227		Y 302		B 055
0-130-17	673, 898, 921MJ GN955, GV673 GV898, 921	0.250.202.003, 060 094	CH 94 CH 101 CH 162	HDS232 HDS270 HDS276		Y 115T, T 1, R 1 Y 707RS		CP 06 PN 75, 135 PM161, 166
0-130-21	895, 969MJ, GV895, 969	0.250.202.012, 076, 097, 119	CH104	HDS236 HDS237 HDS238		Y 178, T Y 197R, T	067100 1161 1220, 1340, 1360 1460, 1700	PT94, 101, 108 109, 141, 149 153
0-130-26	705MJ, GN023, GV705, 819	0.250.202.007, 056, 088, 089, 092, 106	HDS242 CH97	HDS241 HDS272		Y 107R, T, V Y 172 Y 701J, R, U		PM 164 PS 203, 205 PZ 30, 33, 34 35, 37, 38, 39 PN 88, 120
0-130-31	887MJ, GV887	0.250.202.064	CH117	HDS246		Y 177 1		CP 01 PM165
0-130-36	853MJ, GN853 GV728	0.250.202.121 0.250.312.001				CY 01, 51 Y 509J		
0-130-49	688, 894, 968MJ GV001, 688, 894 GV968	0.250.202.006, 053, 054, 073, 096	CH103 CH132 CH154	HDS234 HDS235 HDS262 HDS264		Y 118R, T, T1 Y 715R	1067100 1210, 1270 1370, 1500, 1630 1710, 1840, 1910	PT103, 106, 140, 144, 147 151, 155
0-130-52	657MJ, GV657	0.250.200.049, 053 0.250.201.012, 014, 034	CH62 CH70	HDS266 HDS267 HDS278	TIX6A, 7A	Y 909R		B 049
0-130-57	141M, 141, 162MJ 601, 605, 687MJ 689, 815, 857MJ GN857	0.250.200.052, 063 0.250.201.004, 011, 015, 021, 032, 046C 415, 930	CH 60 CH 69 CH 160	DS 002 HDS217 HDS219 HDS223 HDS343	TIX1A UX1A UX8A	Y 207T Y 901R Y 918R		B 028 B 043
0-130-58	661, 666MJ GV661, 662, 666	0.250.201.040 0.250.202.001, 018, 033C	CH147	HDS273 HDS271	UX11A	Y 911R Y 910R		
0-130-63	GN103	0.250.312.003				CY 03, 53 8ZNA		CP 50
0-130-65	889, 892, 920MJ GV889, 892, 920	0.250.202.014, 015, 016, 017, 077, 110	CH102 CH129 CH161	HDS239 HDS243 HDS248 HDS256 HDS257 HDS280 HDS283		Y 03X Y 103, K, V Y 103 1, 2 Y 112M 1, R, R 1, T Y 702R, U Y 705RS		PN 81, 85, 86, 87, 123, 128, 132 PS 201, 202, 210
0-130-75			CH144			Y 110, Y 114T		PM 79
0-130-81						Y 102, 106V, 1 Y 720U		PM 62
0-130-85	749, 946MJ GV749, 946	0.250.202.008, 011, 085	CH157 CH110	HDS247 HDS249 HDS302 HDS345		Y 104, R Y 154R Y 710R		PI 42, 45, 46, 47, 48, 55, 58
0-130-92	783MJ, GV783	0.250.202.040	CH178	HDS303		Y 729U		
0-130-93	678, 886, 897MJ GN043, GV678 GV886, 897, 967	0.250.202.004, 051, 052, 058, 074, 079, 095, 115	CH95 CH121 CH133 CH302	HDS233 HDS245 HDS252 HDS268 HDS275		Y 128, T Y 146R Y 147T Y 703R	067100 1130, 1171, 1175, 1330, 1350, 1430, 1450, 1530, 1670, 1690, 1860	CP 20 PD 190, 191, 192 PH 104 PT 93, 100, 104, 107, 145, 146, 150, 152, 154 PI 25, 49, 56, 170
0-130-95		0.250.202.065				Y 154RS Y 904M	067100 1591	
0-130-98	855, 950MJ GN855	0.250.202.022 0.250.202.009	CH171 CH271	HDS342	UC3A	Y 732U		
0-131-01	GD382	0.250.001.008, 012, 015, 016, 017, 416	CH61	DS101 HDS316		DG 237		
0-131-02	220G, 219CG GD220	0.250.002.009	CH45	HDS317				

REPLACEMENT COMPONENTS

Glow plug cross references

Part No	BERU	BOSCH	CHAMPION	LUCAS	MARELLI	NGK	NIPPON DENSO	HKT
0-131-04	214, 348, 382GK GD214, 348, 368	0.250.001.001, 005, 010	CH28	HDS319				
0-131-50				1854106				
0-131-53				1854040				
0-131-54	154GS, 154GSF GF154	0.257.100.009	CH139	1854050	CTZ5U			
0-131-55				1854060				
0-131-56				1854080				
0-131-57		0.257.100.010	CH139	1854102	CTZ 6U			
0-131-58	166GS, GF166	0.257.100.006		1854103 1854030 1854112	CTZ 3U			
0-132-17	GN003	0.250.202.029, 039, 045	CH218	HDS377	UC17A	Y 745U		
0-132-22		0.250.202.105, 105				Y 271 2 Y 945M1	067100 1580	PI 44, 50, PH 22, 23
0-132-31	GN026	0.250.202.128	CH232					
0-132-32	GN028, 107	0.250.312.007 0 250.202.092	CH256 CH602	HDS391 HDS403	PR113 UZ4A	CY 07, 57 Y 733 J	DG 174, 301	CP 07, PM 167, PT 167
0-132-33		0.250.202.125						PT 157
0-132-39	GE100	0.250.402.001	CH700	HDS413	UC01F	Y607AS	DG 177	
0-132-40	GE102	0.250.402.002	CH701		UC02F	Y547AS	DG 178	
0-132-41	GE101	0.250.403.002	CH702	HDS414	UC03F	YE14	DG190	
0-132-42	GE108		CH705			Y 609AS	DG 193	
0-132-43	GN047	0.250.204.001	CH200	HDS399	UY1A	YE 04	DG 113	
0-132-44	GN053	0.250.203.002	CH223		UY2A		DG 171	
0-132-45	GN045	0.250.203.004	CH240	HDS404	UY4A	YE 12	DG 140	
0-132-46	GN059	0.250.203.001	CH224	HDS409	UY3A		DG 195	
0-132-47	GN005	0.250.202.089	CH242	NDS394		CZ 27, DP39 Y 701J	DG 114, 146 067100 1850	
0-132-48						CY 05, 55		CP 04, 05
0-132-49	GN039, 854	0.250.202.093	CH186 CH187	HDS358	UC23A	Y 530J Y712RS	DG 137, 307	
0-132-50	GN108					DP65 Y 1012J		CP23
0-132-51	GN056	0.250.204.002	CH201	HDS416	UY5A	YE 05	DG 180	

REPLACEMENT COMPONENTS

Glow plug specifications | Heater plug specifications


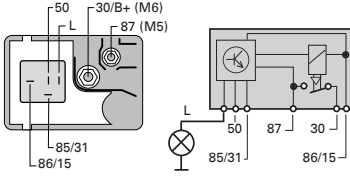

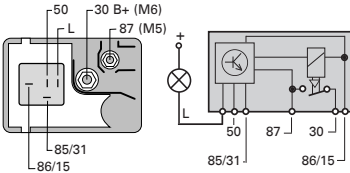

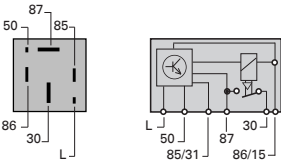

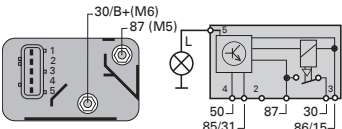
Part No	Nut	Thread	Pre-heat (s)	Volts	Body L	Element L
0-130-01	12 mm	M12 x 1.25	6	11	70.5	24.5
0-130-12	17 mm	M10 x 1.00	17	12	97	28
0-130-17	12 mm	M10 x 1.25	6	12	88	22
0-130-21	12 mm	M10 x 1.25	6	24	95	28
0-130-26	12 mm	M10 x 1.25	6	12	81.5	22.5
0-130-31	12 mm	M10 x 1.25	6	24	71.5	19
0-130-36	12 mm	M10 x 1.25	6	11	80	18.5
0-130-49	12 mm	M10 x 1.25	6	12	89	32
0-130-52	12 mm	M12 x 1.25	6	11	74	28
0-130-57	12 mm	M12 x 1.25	6	11	59.5	20
0-130-58	12 mm	M12 x 1.25	5	11	66	20
0-130-63	12 mm	M10 x 1.25	6	11	85	18
0-130-65	12 mm	M10 x 1.25	6	12	65.5	18
0-130-75	12 mm	M10 x 1.25	6	10.5	81	22.5
0-130-81	12 mm	M10 x 1.25	12	12	68.5	16
0-130-85	12 mm	M10 x 1.25	6	12	86.5	24
0-130-92	10 mm	M10 x 1.00	5	11.5	123	26.5
0-130-93	12 mm	M10 x 1.25	6	12	95	28
0-130-95	12 mm	M12 x 1.25	6	12	135	25
0-130-98	10 mm	M10 x 1.00	5	11	92	24
0-131-01	21 mm	M18 x 1.50	17	0.9	87.5	27.5
0-131-02	17 mm	M14 x 1.25	17	1.7	101	19
0-131-04	21 mm	M18 x 1.50	17	0.9	87.5	27.5
0-132-17	10 mm	M10 x 1.00	5	11.5	128	27.5
0-132-22	12 mm	M12 x 1.25	6	24	135	25
0-132-31	10 mm	M10 x 1.00	5	11	150	24
0-132-32	12 mm	M10 x 1.25	6	11	85	18
0-132-33	12 mm	M10 x 1.25	6	11	170	36
0-132-39	10 mm	M10 x 1.00	3	5	97	29
0-132-40	10 mm	M10 x 1.00	3	5	106	32
0-132-41	8 mm	M8 x 1.00	3	4.4	117	29.5
0-132-42	10 mm	M10 x 1.00	3	4.4	127	24
0-132-43	8 mm	M8 x 1.00	5	11	118	27.5
0-132-44	8 mm	M8 x 1.00	5	11	119	28
0-132-45	8 mm	M8 x 1.00	5	11	126.5	25
0-132-46	9 mm	M9 x 1.00	5	11	152	29.5
0-132-47	12 mm	M10 x 1.25	6	11	87.5	22
0-132-48	12 mm	M10 x 1.25	6	11	89	22
0-132-49	12 mm	M10 x 1.25	6	11	85	19
0-132-50	10 mm	M10 x 1.25	6	11	160	28
0-132-51	10 mm	M10 x 1.00	5	11	150.5	24

Heater plug specifications

Part No	Nut	Thread	Cm ³ /min	Volts	Termination	OEM
0-131-50	24 mm	7/8" X 14 UNF	7 10	12	3/8" b ade	Lucas
0-131-53	24 mm	1/2" BSP	7 12	11.5	10 x 32UNF	Lucas
0-131-54	24 mm	7/8" X 14 UNF	3.5 5	11.5	10 x 32UNF	Lucas
0-131-55	24 mm	7/8" X 14 UNF	11 15	23	10 x 32UNF	Lucas
0-131-56	24 mm	7/8" X 14 UNF	2 3.2	11.5	3/8" b ade	Lucas
0-131-57	24 mm	7/8" X 14 UNF	3.5 5	11.5	3/8" b ade	Lucas
0-131-58	24 mm	1/2" BSP	11 15	23	3/8" b ade	Lucas


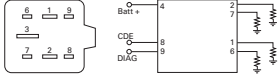

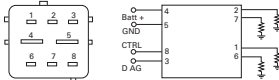
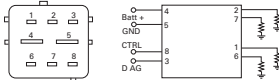


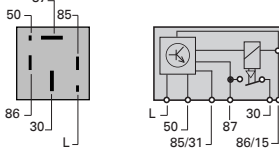
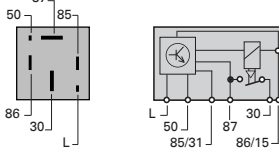

REPLACEMENT COMPONENTS

Glow plug controllers

Product	Part No	Description	Quantity
 	0-133-01 12V	Pre heat time < 14 seconds. Bosch 0333402501 Cartier 02386 Citroen 598113, 9549299580, 95534787 Ferrari 311609 Hella 4RV008188081 Lucas HDC101 Magneti-Marelli REP1A Nagares TPD1212 Paris Rhone 102180M, 105857 Peugeot 598110, 598113, 7920076593, 9250883280, 9250888280 Rover PRC5020 Seim 0587900 Valeo 245600, 73100122, 73101002	1
	0-133-02 12V	Pre heat time < 8 seconds. Bosch 0.333.402.509, 517, 524, 0.250.201.952 Cartier 02394 Citroen 598115, 91515869, 9151586980, 92515867, 92515869 Fiat 4792112, 5990986 Hella 4RV008188091 Iveco 4792112, 9462703 Lucas HDC102, HDC120 Nagares TPD512 Paris Rhone 102696 Peugeot 598111, 598115, 9151586980, 9251586980/86780 Seat 0581CR1, 0581CR01 Seim 06421900 Talbot 9151586980, 9251586780/980, B515867, 9121586980, 598111 Valeo 245603, 73103402, 102696, 73105002	1
 	0-133-03 12V	Pre heat time < 9 seconds. Agria 44360 Bosch 0.333.402.001, 0.333.402.513, 0.333.402.524 Cartier 02393 Hella 4RV008188101 Lucas HDC103, DSC03 Nagares TPD612 Renault 7700702747, 7700751089, 7700757776, 7702087784 Same 000871074 Seim 08110900 Valeo 245604, 73104822	1
 	0-133-26 12V	Pre heat time < 7 seconds with post heat. Ford 6847572, 93BB6M092AA, 93BB6M092BA Hella 4RV008188401 Lucas HDC128	1
 	0-133-29 12V	Pre heat re ay, time < 11 seconds with post heat. Rep acing: Alfa Romeo 9619039780, 9639912580 Cartier 51299011A, 51299037 Citroen 598143 Fiat 9619039780, 9639912580, 1348881080 Hella 4RV008188381 Lancia 9639912580, 9619039780 Nagares CEP/6 12 Peugeot 598125, 598131, 598138, 598143 Valeo 245618	1

REPLACEMENT COMPONENTS

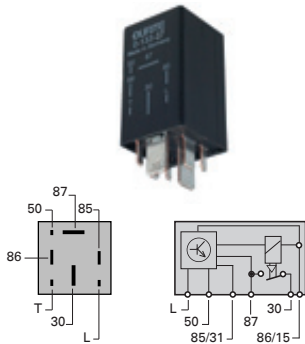
Glow plug controllers

Product	Part No	Description	Quantity
 	0-133-30 12V	Pre heat relay, with post heat. Replacement: GM 91167210, 9201699 Nagares BED712 Opel 4409990, 4506156 Renault 7700115078	1
 	0-133-31 12V	Pre heat relay, with post heat. Replacement: GM 93862497 Nagares FGRP/8 12 Opel 4419200, 2523080A0A Renault 8200859243 Nissan 11067JD50C	1
	0-133-32	Pre heat relay, with post heat. Replacement PSA 2.0HDi, Jaguar, Landrover 2.2 TD4, SD4 Huco 132120 Jaguar AV6112A343BA Land Rover AV6112A343BA Nagares PBC1/8 12 PSA 592144, 9663824880	1
	0-133-33	Pre heat relay, with post heat. Replacement Ford 2.0 TDCi Ford 1693301, 9M5Q12A343AA Huco 132119 Nagares PBC1F/8 12	1
 	0-133-05 12V	Pre heat time < 12 seconds with post heat. Ford 1630363, 1630263, 6132248, 6171402, 84FB6M092BA, CA, CB, 84FB006M092BA, CA, CB Hella 4RV008188211 Lucas HDC105, DSC05	1
	0-133-08 12V	Pre heat time < 8 seconds. Ford 6143688, 83BB6M092AA, AIA, BA, 88BG8B658AA GM 090040992, 090276101, 090228928, 090341822, 90240651 Hella 4RV008188161 Lucas HDC106, HDC108, DSC06, DSC08 Opel 1238532, 1238537, 1238565, 1238627, 90040992, 90228928, 90341822 Vauxhall 090040992, 090228928, 090341822, 091097769, 091108750 Volvo 35601160	1
	0-133-09 12V	Pre heat time < 6 seconds with post heat. Bosch 0281003098 Ford 1652479, 6194291, 6756611, 6756612, 89FB6M092AA, 90BB6M092AA, BA, BB, CA Lucas HDC111, DSC11	1

REPLACEMENT COMPONENTS

Glow plug controllers

Product	Part No	Description	Quantity
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0-133-04
12V

Pre heat time < 8 seconds with post heat.
Audi/VW 171911261, A, B, C, D, E, 443911261, A, 893911261
Beru 0210010001
Bosch 0250201933, 0333402512
Hella 4RV008188171
Lucas HDC104, DSC04
Monark 90290001
Steyr 71618502101

1

0-133-14
12V

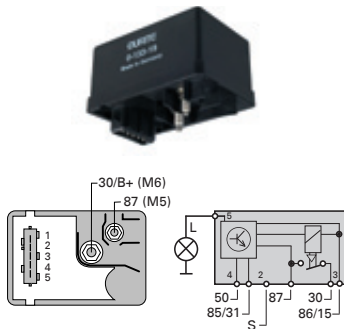
Pre heat time < 7 seconds with post heat.
Audi/VW 191911261A, C, 443911261C, 867911261C
Beru 0201010031
Bosch 0281003099, 0333402512
Hella 4RV008188181
Lucas HDC127

1

0-133-27
12V

Pre heat re ay, time < 11 seconds with post heat.
Opel 6237339
Vauxhall 90464952

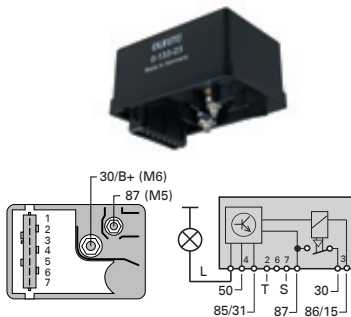
1



0-133-19
12V

Pre heat time < 7 seconds with post heat.
Bosch 0281003005, 0333402501, 0333402509
Citroen 598119, 96141677, 96252036
Fiat 961416778, 9614167780
Hella 4RV008188281
Lucas HDC130
Nagares PPX512
Peugeot 598119, 96141677, 96252036, 9625203680
Talbot 9614167780

1



0-133-23
12V

Pre heat time < 8 seconds with post heat.
Bosch 0.281.003.009
Citroen 598121, 598126, 598127, 9616280080, 9616582380
Fiat 46423043, 9615938380
Hella 4RV008188321
Lucas HDC125, R0490001B, R0490001D
Peugeot 598121, 598126, 598127, 9616280080
Rover NCJ100110

1

REPLACEMENT COMPONENTS

Glow plug controller applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
ALFA ROMEO					
AR 8 30	78 89	0-133-19	Jumpy 2.0HDi	99 10	0-133-29
AR 8 35	78 89	0-133-19	Jumpy, Kasten, 2.0HDi	10 >	0-133-32
AR 8 35	87 89	0-133-01	Saxo 1.5D	96 >	0-133-29
AR 8 40	78 88	0-133-19	Visa 1.7D (1.7)	83 86	0-133-02
AR 8 40	78 89	0-133-02	Visa 1.7D (1.8 161A)	84 91	0-133-01
AR 8 40	87 89	0-133-01	Xantia 1.9D (WY)	94 96	0-133-23
Giu ietta 2.0TD	83 85	0-133-03	Xantia 1.9D (D9B)	93 96	0-133-02
			Xantia 1.9D (D9B)	93 96	0-133-19
			Xantia 1.9TD	95 96	0-133-19
			Xantia X1 1.9TD	94 98	0-133-29
			Xantia 1.9iD	93 96	0-133-01
			Xantia 2.1TD	95 >	0-133-19
			Xantia VSX 1.9 DHX/DJY	93 >	0-133-23
			Xantia AX	93 >	0-133-23
			Xantia SX 1.9 DHX/DJY	94 >	0-133-23
			Xantia X	93 >	0-133-23
			Xantia X1, X2 1.9TD	94 03	0-133-29
			Xantia X1, X2 1.9SD	97 03	0-133-29
			Xantia X2 2.0HDi 109	99 03	0-133-29
			XM 11TD (2.1 P8A)	92 94	0-133-01
			XM 2.1D/TD (P9A, PIZ, P8A, PHZ)	89 94	0-133-01
			XM 2.1D/TD (PJJ, P8A, P8B)	89 94	0-133-19
			XM 2.1TD (P8C)	94 >	0-133-23
			XM TD 2.1 SX D12	94 >	0-133-23
			XM TD 2.1 VSX D12	94 >	0-133-23
			XM 2.5TD (THY)	94 00	0-133-29
			Xsara 1.5D	97 >	0-133-23
			Xsara 1.8D	91 >	0-133-23
			Xsara 1.9D	97 >	0-133-23
			Xsara 1.9TD	97 >	0-133-19
			Xsara 1.9D, SD	98 05	0-133-29
			Xsara 1.9SD (N1)	99 02	0-133-29
			Xsara 1.9TD	98 >	0-133-29
			Xsara 2.0HDi 90	99 05	0-133-29
			Xsara 2.0HDi 109	05 >	0-133-29
			Xsara Picasso 2.0HDi	99 >	0-133-29
			ZX 1.9D	91 94	0-133-01
			Zx 1.9D (D8B)	91 >	0-133-29
			ZX 1.9TD	92 >	0-133-19
			ZX 1.5D	96 >	0-133-23
			FIAT		
			127D	81 86	0-133-02
			127D Panorama, ED	83 86	0-133-19
			131 2.4	82 84	0-133-02
			131 2.5	83 84	0-133-01
			Argenta 2500D	83 85	0-133-01
			Argenta 2500TD (M8144A1)	83 85	0-133-01
			Argenta 2500TD (8144.81)	83 85	0-133-19
			Croma 2.5D/TD (8144.67, 8144.91.2200)	85 89	0-133-01
			Croma 2.5	89 >	0-133-02
			Ducato 10D	86 90	0-133-02
			Ducato 14D (8144.67.220)	86 90	0-133-01
			Ducato 14D 4x4	89 94	0-133-02
			Ducato 18 Maxi D	86 90	0-133-01
			Ducato 18 Maxi TD	86 90	0-133-01
			Ducato 2.0JTD	01 >	0-133-29
			Fiorino 1.3D	82 98	0-133-01
			Fiorino 1.3D	87 93	0-133-19
			Fiorino 1.7D (149B 4.046)	88 91	0-133-01
			Fiorino 1.7D (149B 3.000)	87 90	0-133-19
			Panda 1.3D	86 89	0-133-02
			Panda 1.3iD	86 89	0-133-19
			Regata 1.7D	83 89	0-133-02
			Regata 1.7D	83 89	0-133-19
			Regata 1.9D	84 89	0-133-02
			Regata 1.9D	84 89	0-133-19
			Regata 1.9TD	86 89	0-133-02
			Regata 1.9TD	86 89	0-133-19
			Ritmo 1.7D	82 87	0-133-02
			Ritmo 1.7D	82 87	0-133-19
			Scudo 1.9TD	96 >	0-133-29
			Scudo 2.0JTD	95 >	0-133-29
			Scudo 2.0D Mu tijet	06 >	0-133-29
			Tempra 1.9D	90 96	0-133-19
			Tempra 1.9D S.W.	90 96	0-133-19
			Tempra 1.9TD	90 96	0-133-19
			Tempra 1.9TD S.W.	90 96	0-133-19
			Tipo 1.7D	87 93	0-133-19
			Tipo 1.9D	89 93	0-133-19
			Tipo 1.9TD	87 93	0-133-19

REPLACEMENT COMPONENTS

Glow plug controller applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
U ysse 1.9TD, 2.0JTD	95 > 02	0-133-29	Rekord 2.3D	78 86	0-133-09
U ysse 2.0D Mu tijet	06 >	0-133-29	Rekord 2.3tD	84 86	0-133-09
Uno 1.3D	83 92	0-133-19	Record E 2.3TD	84 86	0-133-08
Uno 1.3D	83 89	0-133-02	Senator A 2.3D	84 87	0-133-08
Uno 1.4TD	86 92	0-133-19	Senator A 2.3TD	84 87	0-133-08
Uno 1.4TD	83 89	0-133-02	Vivaro Combi, Kasten DI, DTI	01 >	0-130-30
Uno 1.7D	86 94	0-133-19	Vivaro Combi, Kasten 2.5DTI	01 >	0-130-30
Uno 1.7D	86 89	0-133-02	Vivaro Combi, Kasten 2.0CDTI	06 >	0-133-31
Uno 1.7D Van	91 94	0-133-19	Vivaro Combi, Kasten 2.0CDT	06 >	0-133-31
Uno 1.9D	89 94	0-133-19			
FORD			PEUGEOT		
C Max 2.0TDCi	10 >	0-133-33	106 1.5D	94 >	0-133-23
Escort 1.6D, Turnier	86 89	0-133-09	106 1.5D	00 >	0-133-29
Escort 1.8D, TD, Turnier, Express	89 94	0-133-09	205 1.8D	83 >	0-133-19
Escort 1.8TD, Turnier, Express	89 94	0-133-09	205 1.8TD	90 >	0-133-19
Fiesta 1.6D	84 89	0-133-09	205 1.9D (XUD9)	87 >	0-133-02
Focus III 2.0TDCi	11 >	0-133-33	205 1.8D Van	85 94	0-133-02
Ga axy 2.0TDCi	06 >	0-133-33	206 1.9D	98 01	0-133-29
Granada 2.5D	85 92	0-133-09	206 2.0HDI 90	99 >	0-133-29
Kuga 2.0TDCi	08 >	0-133-33	304 1.5D	79 80	0-133-01
Mondeo 2.2TDCi	04 07	0-133-29	304 1.5D	79 80	0-133-19
Mondeo IV 2.0TDCi	07 >	0-133-33	305 1.5D	77 83	0-133-19
Orion 1.6D	84 89	0-133-09	305 1.7D	83 90	0-133-19
Orion 1.8D	89 93	0-133-09	305 1.9D (XUD9)	82 90	0-133-02
Orion II 1.8TD	92 93	0-133-09	306 1.9D (XUD9Y)	93 94	0-133-19
P100 1.8TD	89 93	0-133-09	306 SL, XLTD, D Turbo	93 >	0-133-19
Scorpio 2.5D, TD	85 92	0-133-09	306 1.9TD	93 >	0-133-19
Sierra 1.8TD	88 93	0-133-09	306 1.9D	97 >	0-133-23
Sierra 2.3D	82 89	0-133-09	306 Enterprise 1.8D	97 >	0-133-23
S Max 2.0TDCi	06 >	0-133-33	306 Enterprise 1.9D	97 >	0-133-23
			306 1.9D (7B, 7E, N3, N5)	98 02	0-133-29
			306 2.0HDI 90	99 04	0-133-29
			307 2.0HDI	00 >	0-133-29
IVECO			308 2.0HDI	07 >	0-133-29
Dai y, Grinta 30 8 (8140.61.2)	78 89	0-133-02	308 CC, SW, 2.0HDI	09 >	0-133-32
Dai y, Grinta 30 8 (8140.61.200)	78 89	0-133-19	3008 2.0HDI	09 >	0-133-32
Dai y, Grinta 35 8	78 89	0-133-02	309 1.7D	86 93	0-133-02
Dai y, Grinta 40 8	83 89	0-133-02	309 1.7TD	89 93	0-133-19
			309 1.9D	86 93	0-133-19
LANCIA			309 1.9D	86 93	0-133-02
Dedra 1.9 TD	95 >	0-133-22	405 1.8D	90 92	0-133-19
De ta	95 >	0-133-22	405 1.8TD	88 92	0-133-19
Phedra 2.0JDT	02 >	0-133-29	405 1.8TD	90 92	0-133-02
Zeta 2.0JDT, 2.0D Mu tijet	99 >	0-133-29	405 1.9D	88 92	0-133-19
			405 1.9D	94 97	0-133-23
LAND ROVER			405 1.9 TD	92 97	0-133-19
Free ander 2 2.2TD4	06 >	0-133-32	406 1.9TD	95 >	0-133-19
Range Rover Evoque 2.2, TD4	11 >	0-133-32	406 2.1TD	95 >	0-133-19
			406 1.9TD (8B, 8E/F)	95 04	0-133-29
LEYLAND/LDV			406 2.0HDI (8B, 8E/F)	99 >	0-133-29
400 2.5D	89 96	0-133-02	406 2.0HDI 110	05 >	0-133-29
400 2.5TD	89 96	0-133-02	406 2.2HDI	00 04	0-133-29
			407 2.0HDI	04 09	0-133-29
NISSAN			407, SW, Coupe, 2.0HDI	09 >	0-133-32
A mera II 1.5dCi	03 >	0-133-30	504 1.9D	78 >	0-133-01
A mera II 2.2dCi	03 >	0-133-30	504 1.9D Pick up	79 81	0-133-01
Patro 2.8D 260]	84 89	0-133-19	504 1.9D Pick up	79 87	0-133-02
Primastar Bus dCi 2.0	06 >	0-133-31	504 2.1D	78 91	0-133-01
Santana 1.6TD	84 87	0-133-04	504 2.1D	70 81	0-133-02
Trade 2.8D	87 >	0-133-19	504 2.1D Pick up	81 90	0-133-19
Vanette 2.0D	84 89	0-133-02	504 2.3D	78 81	0-133-01
			504 2.3D	76 83	0-133-19
OPEL			504 2.3D Pick up	84 >	0-133-02
Ascona 1.6D C]	82 88	0-133-09	504 2.5D Pick up	87 >	0-133-02
Ascona C 1.6D	82 88	0-133-08	505 2.3D	79 86	0-133-01
Astra 1.6D	82 89	0-133-09	505 2.3D	79 86	0-133-19
Astra 1.7D	89 94	0-133-09	505 2.3D	79 86	0-133-02
Astra 1.7DTLF	94 98	0-133-01	505 2.3TD	80 86	0-133-19
Astra A1.7D, Van D	91 94	0-133-08	505 2.3TD	81 82	0-133-01
Kadett D 1.6D	82 89	0-133-09	505 2.5D	81 93	0-133-19
Kadett 1.7D E]	89 91	0-133-09	505 2.5TD	83 93	0-133-19
Kadett E Combo 1.6D	86 89	0-133-08	505 2.5TD	86 93	0-133-01
Kadett E Combo 1.7D	89 91	0-133-08	508, SW, 2.0HDI, 2.2 HDi, RXH Hybrid	10 >	0-133-32
Kadett E 1.6D Van	84 89	0-133-08	5008 2.0HDI	09 >	0-133-32
Kadett E 1.7D Van	89 91	0-133-08	604 2.3TD	79 83	0-133-19
Movano Combi, Kasten 1.9DTI	01 >	0-133-30	604 2.3TD	79 84	0-133-01
Movano Combi, Kasten, Kipper 2.2DTI	00 >	0-133-30	604 2.5TD	83 86	0-133-19
Movano Combi, Kasten, Kipper 2.5DTI	01 >	0-133-30	605 2.1D	89 94	0-133-19
Movano B Bus, Kasten, 2.3CDTI	10 >	0-133-31	605 2.1TD	89 98	0-133-19
Omega A 2.3D Estate	86 94	0-133-08	605 2.1TD	92 >	0-133-02
Omega A 2.3TD Estate	86 94	0-133-08	605 2.1TD	94 >	0-133-23
Rekord 2.0D	77 82	0-133-09			

REPLACEMENT COMPONENTS

Glow plug controller applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
605 2.5TD	94 02	0-133-29	Range Rover 2.4 TD	86 90	0-133-03
607 2.0HDi, 2.2HDi	00 >	0-133-29			
806 1.9TD	94 >	0-133-19	SEAT		
806 1.9TD	99 02	0-133-29	131 2.4	82 84	0-133-02
806 2.0HDi	99 02	0-133-29	132 D	74 82	0-133-02
806 2.1TD	96 >	0-133-19	132 D	74 82	0-133-19
807 2.0HDi, 2.2HDi	02 09	0-133-29	Cordoba 1.9D	93 >	0-133-04
807, (E), 2.0HDi	09 >	0-133-32	Ibiza 1.7D	84 87	0-133-02
Boxer 1.9TD	94 >	0-133-19	Ibiza 1.7D (Y...)	84 93	0-133-02
Boxer 2.0HDi	02 >	0-133-29	Ibiza 1.7D (Y...)	84 93	0-133-19
Boxer 2.5D	94 >	0-133-23	Ma aga 1.7D	85 93	0-133-19
Boxer 2.5TD	94 >	0-133-23	Ma aga 1.7D	85 93	0-133-02
Expert 1.9D	98 >	0-133-29	Ritmo 1.7D	80 82	0-133-19
Expert 1.9TD	95 >	0-133-19	Ritmo 1.7D	80 82	0-133-02
Expert 1.9TD (XUD9)	95 >	0-133-29	Ronda 1.7D	82 86	0-133-19
Expert 1.9TD (222, 224)	96 >	0-133-29	Ronda 1.7D	82 86	0-133-02
Expert 2.0HDi	00 >	0-133-29	To edo 1.9D	91 >	0-133-04
Expert Tepee, Kasten, 2.0HDi	09 >	0-133-32			
J5 1.9D	87 93	0-133-01	TALBOT		
J5 2.5D	81 >	0-133-01	Express 1.9D	87 >	0-133-19
J5 2.5TD	87 93	0-133-02	Express 2.5D (GB)	81 >	0-133-19
J5 2.5TD	87 93	0-133-19	Express 2.5TD	87 >	0-133-01
J7 2.0D	67 78	0-133-01	Express 2.5TD (GB)	87 >	0-133-19
J7 2.1D	70 78	0-133-01	Horizon 1.9D	82 86	0-133-19
J7 2.3D	78 80	0-133-01	So ara 1.9D	84 86	0-133-19
J7 2.3D	78 80	0-133-19	Tagora 2.3TD	80 83	0-133-19
J7 2.3D	79 >	0-133-01			
J9 2,1	82 >	0-133-01	VAUXHALL		
J9 2.1D	80 >	0-133-19	Astra 1.6D	82 84	0-133-08
J9 2.3	80 82	0-133-01	Astra 2 1.6D	84 89	0-133-08
J9 2.3D	80 82	0-133-01	Astra 2 1.7D, Van	91 94	0-133-08
J9 2.5	82 >	0-133-01	Astra Be mont 1.7D	89 91	0-133-08
J9 2.5D	82 >	0-133-01	Astramax 1.7D	90 94	0-133-08
Partner 1.9D	96 >	0-133-23	Be mont 1.6D	86 89	0-133-08
Partner 19.D	98 >	0-133-29	Car ton 2 2.3D	83 86	0-133-08
Partner 2.0HDI	00 >	0-133-29	Car ton 3 2.3TD	91 94	0-133-08
RCZ 2.0HDi	10 >	0-133-32	Cava ier 2 1.6D	82 88	0-133-08
			Cava ier 3 1.7D	88 95	0-133-08
RENAULT			Frontera 2.3TD	92 95	0-133-08
R5 1.6D	86 93	0-133-03	Frontera 2.3TD	92 95	0-133-09
R19D	93 >	0-133-03	Vivaro 2.0CDT	06 >	0-133-31
R21 2.1	86 92	0-133-03	Vivaro Combi 2.0CDTI	06 >	0-133-31
R21 D (AM, AS)	93 >	0-133-03			
R21D	93 >	0-133-03	VM		
C io II 1.5dCi	01 >	0-133-30	HR 294 HP	86 90	0-133-03
C io II 1.9D (B/C0E)	98 >	0-133-30	HR 394 H	84	0-133-03
Espace 2.1D	85 >	0-133-03	HR 394 H	91 >	0-133-03
Espace IV 2.0dCi	06 >	0-133-31	HR 394 HP	86 >	0-133-03
Express 1.6D	86 93	0-133-03	HR 394 HT	84	0-133-03
Fuego 2.1TD	82 84	0-133-03	HR 394 HPT	86 >	0-133-03
Kangoo 1.5dCi	01 >	0-133-30	HR 394 HT	92 >	0-133-03
Kangoo, Express 1.9dCi 4x4	01 >	0-133-30	HR 488 HTA	78 83	0-133-03
Kangoo, Express D65 1.9	98 >	0-133-30	HR 492 HA	88 90	0-133-03
Laguna III 2.0dCi	07 >	0-133-31	HR 492 HI 9	89 >	0-133-03
Master T30D 2.1	86 >	0-133-03	HR 494 H	89 >	0-133-03
Master II Bus, Kasten 2.5dCi 100	03 >	0-133-30	HR 494 HP	86 >	0-133-03
Master II Bus, Kasten 2.5dCi 120	01 >	0-133-30	HR 494 HPT	85 >	0-133-03
Master IV Kasten 2.3dCi	10 >	0-133-31	HR 494 HT	84 86	0-133-03
Megane 1.9dCi	01 >	0-133-30	HR 494 HT	89 >	0-133-03
Megane III 1.5dCi	08 >	0-133-31	HR 594 H	84 90	0-133-03
Megane III 1.9dCi	08 >	0-133-31	HR 594 HT	84 90	0-133-03
Megane III 2.0dCi	10 >	0-133-31	HR 692 HT 9	81 >	0-133-03
Senic 1.9dCi	00 >	0-133-30	HR 694 H	84 90	0-133-03
Senic III 1.9dCi	09 >	0-133-31	HR 694 HI 10	89 >	0-133-03
Senic III 2.0dCi	09 >	0-133-31	HR 694 HT	84 >	0-133-03
Tha ia 1.5dCi	01 >	0-133-30	HR 694 HT 10	86 >	0-133-03
Trafic	84 >	0-133-15			
Trafic 852	84 >	0-133-15	VOLKSWAGEN		
Trafic 2.5D	89 97	0-133-19	Caddy 1.6	87 >	0-133-04
Trafic 2.5D	89 97	0-133-02	Caddy 1.6D	82 90	0-133-14
Trafic S8U		0-133-15	Ca ifornia 1.9	90 >	0-133-04
Traffic II Bus, Kasten 1.9dCi	01 >	0-133-30	Ca ifornia 1.9D (70)	90 97	0-133-14
Traffic II Bus, Kasten 2.5dCi	03 >	0-133-30	Ca ifornia 2.4	90 >	0-133-04
Traffic II Bus, Kasten 2.0dCi	06 >	0-133-31	Ca ifornia 2.4D (70)	90 >	0-133-14
			Carave e 1.6	82 87	0-133-04
ROVER			Carave e 1.6TD	85 >	0-133-04
200 218TD	91 >	0-133-19	Carave e.1.6TD SyncroD (70)	85 >	0-133-04
400 418TD	91 >	0-133-02	Carave e 1.7	87 >	0-133-04
400 418TD	91 >	0-133-19	Carave e.2.4D Syncro (70)	92 >	0-133-14
2400TD	82 86	0-133-02	Eurovan 2.4D (70)	92 >	0-133-14
Range Rover 2.4 TD	86 90	0-133-02	Go f 1.5D	77 80	0-133-04










REPLACEMENT COMPONENTS

Glow plug controller applications

Model/Engine	Year	Part No
Go f 1.6D	82 91	0-133-04
Go f 1.6TD	82 91	0-133-04
Go f II1.5D	77 80	0-133-14
Go f II1.6D	80 91	0-133-14
Go f II1.6TD	88 91	0-133-14
Go f II1.9D	91 >	0-133-14
Go f II1.9TD	93 >	0-133-14
Jetta 1.6	82 91	0-133-04
Jetta 1.6D	80 91	0-133-14
Jetta 1.6D	84 91	0-133-04
Jetta II 1.6TD	84 92	0-133-14
Jetta II 1.6TD	84 91	0-133-04
LT 28D	82 92	0-133-14
LT 28D	82 92	0-133-04
LT 28TD	82 92	0-133-14
LT 28 2.4 12 VTD	80 >	0-133-04
LT 31D	82 92	0-133-14
LT 31TD	82 92	0-133-14
LT 31 2.4 12 VTD	80 >	0-133-04
LT 35D	82 92	0-133-14
LT 35TD	82 92	0-133-14
LT 35 2.4 12 VTD	80 >	0-133-04
LT 40D	82 92	0-133-14
LT 40D	82 92	0-133-04
LT 40TD	82 92	0-133-14
LT 40TD	82 92	0-133-04
LT 40 2.4 12 VTD	80 >	0-133-04
LT 45D	82 92	0-133-14
LT 45D	82 92	0-133-04
LT 45TD	82 92	0-133-14
LT 45TD	82 92	0-133-04
LT 45 2.4 12 VTD	80 >	0-133-04
LT 50D	82 92	0-133-14
LT 50TD	82 92	0-133-14
LT 50 2.4 12 VTD	80 >	0-133-04
LT 55D	85 92	0-133-14
LT 55D	85 92	0-133-04
LT 55TD	85 92	0-133-14
LT 55TD	85 92	0-133-04
LT 55 2.4 12 VTD	85 >	0-133-04
Mu tivan 1.9D	90 97	0-133-14
Mu tivan 1.9D (701)	90 97	0-133-04
Mu tivan 2.4D	90 >	0-133-14
Mu tivan 2.4D (701)	90 >	0-133-04
Passat 1.5	77 80	0-133-04
Passat 1.6	80 >	0-133-04
Passat 1.6D	80 82	0-133-14
Passat 1.6	82 84	0-133-14
Passat 1.6TD	81 >	0-133-04
Passat 1.6TD	88 93	0-133-14
Passat 1.9	89 >	0-133-04
Passat 1.9D	89 93	0-133-14
Passat 1.9TD	91 97	0-133-14
Passat D 1.5	78 80	0-133-14
Passat TD	82 84	0-133-14
Passat TD 1.6	82 84	0-133-14
Po o 1.3	86 90	0-133-04
Santana 1.6D	81 85	0-133-14
Santana 1.6TD	82 >	0-133-14
Transporter (T2) 1.6D (24, 25)	81 87	0-133-14
Transporter (T2) 1.6D (24, 25)	84 92	0-133-04
Transporter (T2) 1.7D (24,25)	86 90	0-133-14
Transporter (T4) 1.9D (70)	90 97	0-133-14
Transporter (T4) 1.9D (701)	90 97	0-133-04
Transporter (T4) 2.4D (70)	90>	0-133-14
Transporter (T4) 2.4D (701)	90>	0-133-04
Vento 1.9D	91>	0-133-14
Vento 1.9TD	91>	0-133-04

REPLACEMENT COMPONENTS

Diesel stop solenoids | Advance solenoids

Product	Part No	Description	Quantity
	0-129-01 12V	Rep aces CAV 7167.620B, 7185 900W, 9145.040D, SRB850 Rotodiesel 9009.026B, 034,041,049 Thread M14 x 1.5	1
	0-129-25 24V	Rep aces CAV 7180.049B, 7185 900K Thread M14 x 1.5	1
	0-129-03 12V	Rep aces CAV 7167.620A, 7185 900W, SRB852 Thread M14 x 1.5	1
	0-129-27 24V	Rep aces CAV 7180.049A, 7185 900K Thread M14 x 1.5	1
	0-129-06 12V	Rep aces CAV 9108.073A, 7185.900W. SRB851, SRB854. (eco diese) Thread M14 x 1.5	1
	0-129-04 12V	Rep aces CAV 7167.620C, 7167.620D, 7185 900T, SRB853 Thread M14 x 1.5	1
	0-129-28 24V	Rep aces CAV 7180.049C, 7180.049D, 7185 900P Thread M14 x 1.5	1
	0-129-08 12V	Rep aces CAV 9185.900G. SRB855. Thread M14 x 1.5	1
	0-129-32 24V	Rep aces CAV 9185.900H Thread M14 x 1.5	1
	0-129-02 12V	Rep aces Bosch 0.330.001.015, 018, 025 Diesel KiKi 146650 1220, 0720 CAV 7240.5, 7240 112 Thread M24 x 1	1
	0-129-26 24V	Rep aces Bosch 0.330.001.016 Diesel KiKi 146650 1320 CAV 7240.6, 7240 224 Thread M24 x 1	1
	0-129-11 12V	Rep aces Bosch 0.330.001.028 Thread M24 x 1	1
	0-129-13 12V	Rep aces Bosch 0.330.001.040, 041, 042 Thread M24 x 1	1
	0-129-05 12V	Rep aces Nippon-Denso 096010.0500, 096030.0160 Diesel KiKi 146650 1220, 0720 CAV 7240.5 Thread M24 x 1	1
	0-129-29 24V	Rep aces Nippon-Denso 096030.0080 CAV 7240.6 Thread M24 x 1	1
	0-129-21 12V	Rep aces CAV 9108.152A Thread M12 x 1.25 Terminas junior timer	1

REPLACEMENT COMPONENTS

Fuel pump relays

Product	Part No	Description	Quantity
 	0-723-11	Ford 82GG9P704AA, 6107322 Lucas FDB 503	1
 	0-723-13	Ford 85GG9P704AA, 6145938 85AG9P704AA, 6161570 Lucas FDB 502	1
 	0-723-22	Opel 1238566, 1238563, 1238566 GM 90124673, 90158189, 90158443, 90213542 Lucas FDB 501	1
 	0-723-23	Opel 1238539, 540, 549, 966 GM 90 225811, 230894, 240698, 378651 Lucas FDB 504	1
 	0-723-41	Bosch 0 280 230 009 Peugeot 655522, 95496621 Audi/VW X03 952 671 Lucas FDB 505	1
 	0-723-42	Citroen 91541882 Cartier 02474 Lucas FDB 506	1

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WORKSHOP AND TEST EQUIPMENT



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WORKSHOP AND TEST EQUIPMENT

Multimeters

Product	Part No	Description	Quantity
	0-798-00	Hand held digital multimeter with large LCD display for basic functions. Powered by 9 volt battery. CE approved. DC volts0 - 500V AC volts200V/500V DC amps2mA - 10A Resistance Ω200Ω - 20MΩ Temperature °C-40 to 1000 DiodesYes Continuity buzzerYes Low battery signYes Display3 1/2 d g <1999 RangingManual LCD size mm15 x 48 Dimensions mm133 x 77 x 36	1
	0-798-96	Replacement lead set for the above.	1
	0-798-97	Replacement temperature probe for the above.	1
	0-798-50	Hand held auto ranging digital multimeter with data hold feature. Powered by 9 volt battery. CE approved. DC volts400mV - 1000V AC volts4V - 750V DC amps400µA - 10A AC amps400µA - 10A Resistance Ω400Ω - 40MΩ Capacitance400n - 100µ Frequency10Hz - 10MHz DiodesYes Continuity buzzerYes Temperature °C-40 to 1000 Low battery signYes Display<3999 Auto Off30 Minutes RangingAuto LCD size mm32 x 64 Dimensions mm177 x 85 x 40	1
	0-798-96	Replacement lead set for the above.	1
	0-798-97	Replacement temperature probe for the above.	1
	0-798-60	Hand held automotive digital multimeter. Powered by 9 volt battery. CE approved. Diodes0 - 120° Crankshaft speed4, 6, 8 tachometer rpm0 - 10,000 DC volts200mV - 1000V AC volts2V - 750V DC amps200mA - 10A Resistance Ω200Ω - 20MΩ DiodesYes Continuity buzzerYes Low battery signYes Display3 1/2 d g <1999 RangingManual LCD size mm54 x 60 Dimensions mm179 x 88 x 39	1
	0-798-96	Replacement lead set for the above.	1
	0-798-75	Hand held digital clamp multimeter with lead set and LCD display. Powered by 9 volt battery. CE approved. DC volts600V AC volts600V DC amps400A AC amps400A Resistance Ω40MΩ DiodesYes Continuity buzzerYes Frequency10Hz - 10MHz Auto OffYes Low battery signYes Display3 1/2 d g ≤3999 RangingAuto/Manual Data holdYes Dimensions mm210 x 77 x 28	1
	0-798-96	Replacement lead set for the above.	1

WORKSHOP AND TEST EQUIPMENT

Hand-held meters | LED torches | Hand-held testers

Product	Part No	Description	Quantity
	0-799-50	Voltmeter / ammeter test set for 6,12 and 24 volt systems. Moving coil meters, voltmeter 0 to 50 volts, ammeter 10 to 100 amps. Supplied in a steel case with leads and clips.	1
	0-799-51	Replacement voltmeter for the above.	1
	0-799-52	Replacement ammeter for the above.	1
	0-799-12	Replacement lead set for the above.	1
	0-534-30	Induction ammeter 30 0 30 amps. Indicates approximate current and direction of flow when clipped to cables. 57mm diameter.	1
	0-534-75	A 75 0 75 amps version of the above.	1
	0-222-00	'Pin Point' LED pen torch, slim anodised aluminium body with screw on/off and push button momentary on switch, and pocket clip, complete with 3 AAAA batteries.	1
	0-222-99	AAAA spare battery.	1
	0-222-01	Powerful focused LED pen torch, slim anodised aluminium body with push button on/off switch and pocket clip, complete with 2 x AAA batteries. 146 x Ø16mm.	1
	0-703-98	Screw starter, aluminium shaft, steel drives for cross head and flat head screws, includes pen clip. Length 154mm.	1
	0-534-27	Screw driver circuit tester for voltage checks on 6, 12 and 24 volt systems. Supplied with 24 volt festoon bulb. Caution: mains or high voltages will destroy this tester.	1
	0-534-26	Circuit tester for use on 6, 12 and 24 volt systems. The probe gives easy access to circuits and connectors. Supplied with 24 volt bulb and a 1.5 metre lead with clip. Caution: mains or high voltages will destroy this tester.	1
	0-534-55	Digital voltmeter, 9 30 volts dc. Designed to plug into a cigarette lighter socket to monitor the vehicle's charging voltage.	1
	0-534-50	Hand held 4 digit LCD digital voltmeter for 8 volts to 39 volts dc. The pointed probe is positive and the insulated crocodile clip and lead is negative. Caution: mains or high voltages will destroy this tester.	1
	0-534-60	12 volt DC vehicle charging tester which quickly indicates by means of a series of L.E.D.s the 'state of charge' of the battery and whether the charging system is working correctly. Can be hand held or will attach to any ferrous surface. Protected against reversed connections. Supplied with probe and alligator clip connections.	1

WORKSHOP AND TEST EQUIPMENT

Hand held testers | Mains plugs

Product	Part No	Description	Quantity
	0-534-70	'Energy probe' for 6/24 volt dc systems. Multifunctional auto electrician's circuit testing tool with LCD display. <ul style="list-style-type: none"> Energises or powers components Voltmeter Tests DC polarity Tests circuit continuity Selects positive or negative power output LCD display and continuity LED indicator Indicates HT pulses, peak voltage RPM calculation Short circuit protection, auto reset 	1
	New 0-472-75	Digital brake fluid tester suitable for determining brake fluid quality. Developed for professional use in automotive repair shops and in servicing. Quality is tested and indicated on 5 LEDs.	1
	New 0-534-80	Auto tester. Tests electrical circuits from 3 to 48V DC. 2 LEDs indicate live circuit and positive (+) or negative (-) polarity. Universal test instrument for motor vehicles and electronics. Integral, spring loaded, pointed probe for testing through insulation, Comes with 90cm cable and insulated alligator clip. For application of DC circuits only.	1
	New 0-534-28	Cordless circuit tester. Detects voltages between 3-28V. Safe with ECMs, sensors, transducers, airbags and many other items. No ground wire or clip required and comes with replaceable long life alkaline batteries.	1
	0-684-01 5-684-01	Plug tops with sleeved pins and 13 amp fuse approved to BS 1363/A and ASTA/BSI. White moulded nylon. Single unit, as above.	20 1
	0-698-01 5-698-01	White moulded rubber. Single unit, as above.	10 1
	0-698-18 5-698-18	Black moulded rubber. Single unit, as above.	10 1
	0-722-00	Fully shuttered 13 amp single gang trailing socket outlet to BS 1363/A.	1
	0-700-00	2 gang version of the above.	1

WORKSHOP AND TEST EQUIPMENT

Mains reels, plugs and sockets

Product	Part No	Description	Quantity
	0-701-00	A fully shuttered 13 amp 4 gang trailing socket to BS 1363/A. With neon warning light and on / off rocker switch. May be wall mounted.	1
	0-701-02	A fully shuttered 13 amp 4 gang trailing socket to BS 1363/A. With neon power warning light. May be wall mounted.	1
	0-718-08	Retractable cable reel fitted with 7 + 1 metres of 2 core 1mm ² 10 amp PVC insulated mains cable. Incorporates circuit breaker protection. Extends with a ratchet stop at every 500mm and has spring assisted rewind. Protected to IP42. CE approved.	1
	0-723-60	Mains extension reel with 10 metres of 1.25mm ² 13 amp 3 core cable, mains plug to BS EN 61242, 4 socket outlets and safety cut out.	1
	0-723-80	Mains extension reel with 30 metres of 1.25mm ² 13 amp 3 core cable, RCD mains plug to BS EN 61242, 4 socket outlets and safety cut out.	1
	0-698-25	Extension reel with 25 metres of 1.5mm ² , 15 amp, 3 core cable, 16 amp 110 volt mains plug and two 16 amp 110 volt socket outlets to BS4343.	1
	0-684-25	Extension reel with 25 metres of 1.5mm ² , 15 amp, 3 core cable, 16 amp 230 volt mains plug and two 16 amp 230 volt socket outlets to BS5733.	1

WORKSHOP AND TEST EQUIPMENT

Mains plugs | Mains sockets | Inspection lamps

Product	Part No	Description	Quantity
	0-684-19	230 vo t b ue trai ing socket.	1
	0-698-19	110 vo t ye ow trai ing socket.	1
	0-684-16	230 vo t b ue p ug.	1
	0-698-16	110 vo t ye ow p ug.	1
	0-684-69	230 vo t b ue surface mounted socket.	1
	0-698-69	110 vo t ye ow surface mounted socket.	1
	0-684-66	230 vo t b ue surface mounted p ug.	1
	0-698-66	110 vo t ye ow surface mounted p ug.	1
	0-684-68	230 vo t b ue pane ounted socket.	1
	0-698-68	110 vo t ye ow pane ounted socket.	1
	0-699-12	Low vo tage inspection amp 12 vo t, pressed stee reflector and tough mou ded hand e with integra switch. Comp ete with 5 metres of ead, crocodi e c ips and 12 vo t 24 watt SBC bu b.	1
	0-699-13	As above but with 12 vo t LED bu b.	1
	0-699-03	Rep acement 12 vo t LED bu b for above.	1
	0-699-00	Lamp as above but with 230 vo ts ow vo tage transformer and 12 vo t bu b.	1
	0-699-99	Rep acement po ycarbonate ens.	1
	0-541-00	Gripper with rigid wire guard and eye shie d. Adjustab e jaws. Conforms to BS4533 safety standard. Doub e insulated. BC bu b and cab e not supp ied.	1
	0-541-12	Bu b ho der BC.	1
	0-541-13	Bu b ho der ES.	1
	0-541-76	Inspection amp, p astic hand e with on / off switch and p ated stee guard and reflector. ES bu b and cab e not supp ied.	1

WORKSHOP AND TEST EQUIPMENT

Inspection lamps | LED inspection lamps

Product	Part No	Description	Quantity
	0-542-90	Professional under bonnet fluorescent inspection lamp, 230V to 50 Hz, with 36 watt replacement tube. Fitted with adjustable sprung loaded rubber protected pins, from 110cm to 160cm, for engine bay illumination. Supplied with 5m of rubber cable and 13A fused plug. Protected to IP54.	1
	0-542-01	Fluorescent inspection lamp, 230V to 50 Hz, with 8 watt tube (not replacement). Fitted with swivel hook and hexagonal sectioned grip for stability. Supplied with 5m of PVC cable and 13A fused plug. Protected to IP20.	1
	0-542-75	Professional fluorescent inspection lamp, 230V to 50 Hz, with 11 watt replacement tube. Fitted with swivel hook and hexagonal sectioned moulded grip for stability. Supplied with 5m of cable and 13A fused plug. Protected to IP64.	1
	0-542-96	Replacement 11 watt tube.	1
	New 0-699-84	LED cordless rechargeable inspection lamp. With 3W COB LED, 5 LEDs at the top and Lithium Ion battery. Fitted with magnet and hook. 120 degrees foldable. Supplied with 230V 50Hz mains charger.	1
	New 0-699-85	LED cordless rechargeable inspection lamp. With 3W COB LED, 4 LEDs at the top and Lithium Ion battery. Fitted with magnet and hook. 180 degrees foldable. Supplied with 230V 50Hz mains charger.	1
	0-699-80	Compact LED cordless rechargeable inspection lamp. With 15 LEDs and 650mA Lithium Ion battery. Hinged base with magnet. Supplied with 230V to 50 Hz mains charger.	1
	0-699-97	12 volt charger, cigarette lighter plug.	1
	0-699-77	LED cordless rechargeable inspection lamp. With 24 LEDs and 1000mA Lithium Ion battery. Fitted with swivel hook and magnet. Supplied with 230V to 50 Hz mains charger and charging stand.	1
	0-699-98	12 volt charger, cigarette lighter plug.	1
	0-699-78	LED cordless rechargeable inspection lamp. With 48 LEDs and 2000mA Lithium Ion battery. Fitted with swivel hook and magnet. Supplied with 230V to 50 Hz mains charger and charging stand.	1
	0-699-98	12 volt charger, cigarette lighter plug.	1

WORKSHOP AND TEST EQUIPMENT

LED inspection lamps | Inspection tools | Pick-up tools

Product	Part No	Description	Quantity
	New 0-699-83	LED cordless rechargeable inspection lamp. With 2W COB LED, 3 LEDs at the top and Lithium Ion battery. Fitted with magnet and hook. 180 degrees foldable. Supplied with 230V 50Hz mains charger.	1
	0-699-79	LED cordless rechargeable inspection lamp. With 30 LEDs and 1300mA Lithium Ion battery. Lamp section tilts and swivels, fitted with hook and base magnet. Supplied with 230 volt 50 Hz mains charger.	1
	0-699-98	12 volt charger, cigarette lighter plug.	1
	New 0-699-81	LED cordless rechargeable inspection lamp. With 16 x 0.2W LEDs and Lithium Ion battery. Fitted with magnet. Supplied with 230V 50Hz mains charger.	1
	0-699-96	Spare battery for the above.	1
	New 0-699-82	LED cordless rechargeable inspection lamp. With 3W COB LED and Lithium Ion battery. Protected to IP65. Fitted with magnet and hook. Supplied with 230V 50Hz mains charger.	1
	New 0-535-01	Endoscope for gaining visual access to areas otherwise impossible or hard to access such as exhaust pipes. 300K pixel camera resolution with a 30 frames per second picture transmit rate. Fitted with PC connector cable.	1
	New 0-535-05	Recordable inspection video borescope. Includes Video borescope, USB cable, TV cable, mirror, hook and magnet. Gooseneck length of 88 ± 2cm. 480 x 234 monitor resolution. Adjustable brightness with 54 degree field of view.	1
	New 0-544-01	Infrared thermometer. Measures temperatures between 50deg - 800deg C. Designed to measure surface temperature whereas traditional contact type thermometers are inappropriate. Distance to spot ratio: 30:1.	1
	New 0-703-97	5 in 1 pick up tool with chrome plated finish. Consists of; 1 x magnetic hook up to 380mm long. Capacity: 0.5 Lb, 6 steps telescopic pick up tool. 1 x 3.5 * 83mm long straight hook 1 x 3.5 * 85mm long 120 degree hook 1 x 3.5 * 93mm long degree hook 1 x 3.5 * 93mm long round angle hook	1










WORKSHOP AND TEST EQUIPMENT

Tool sets

Product	Part No	Description	Quantity
	New 0-706-30	7 piece insulated nut driver set. Metric blade with sizes; M6 X 125 M7 X 125 M8 X 125 M9 X 125 M10 X 125 M12 X 125 M13 X 125 Insulated to 1000V VDE.	1
	New 0-706-10	7 piece insulated screwdriver set. Magnetic tip. Slotted head: 1.2 X 6.5 X 150 Slotted head: 1.0 X 5.5 X 125 Slotted head: 0.8 X 4.0 X 100 Slotted head: 0.4 X 2.5 X 75 Phillips head: PH1 X 80 Phillips head: PH2 X 100 Voltage Tester: For 12V use only Insulated to 1000V VDE.	1
	New 0-706-50	14 piece insulated socket set. Contains; 3/8" DR.8mm Sockets, 44.5mm length 3/8" DR.10mm Sockets, 44.5mm length 3/8" DR.12mm Sockets, 44.5mm length 3/8" DR.13mm Sockets, 44.5mm length 3/8" DR.14mm Sockets, 44.5mm length 3/8" DR.17mm Sockets, 46mm length 3/8" DR.19mm Sockets, 46mm length 3/8" DR.22mm Sockets, 46mm length 3/8" DR.4mm Hex Bits Sockets, 60mm length 3/8" DR.5mm Hex Bits Sockets, 60mm length 3/8" DR.6mm Hex Bits Sockets, 60mm length 3/8" DR.8mm Hex Bits Sockets, 60mm length 3/8" DR.Ratchets 200mm, 200mm length 3/8" DR.Extensions 150mm, 200mm length Insulated to 1000V VDE.	1
	New 0-706-20	3 piece VDE insulated pier set. Contains; 180mm Combination piers. 160mm Diagonal Cutting Piers 200mm Long Nose piers Insulated to 1000V VDE.	1
	New 0-706-40	10 piece insulated open ended spanner set. 7mm open ended spanners, 88.4mm length 8mm open ended spanners, 104.0mm length 9mm open ended spanners, 104.0mm length 10mm open ended spanners, 114.4mm length 11mm open ended spanners, 124.5mm length 12mm open ended spanners, 124.5mm length 13mm open ended spanners, 154.0mm length 14mm open ended spanners, 154.0mm length 17mm open ended spanners, 154.0mm length 19mm open ended spanners, 154.0mm length Insulated to 1000V VDE.	1









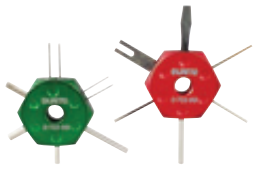

WORKSHOP AND TEST EQUIPMENT

Crimping tools

Product	Part No	Description	Quantity
	0-702-00	Crimping too for the three sizes of pre insulated terminals and ignition terminals. Will also cut or strip six sizes of cable.	1
	0-703-00	Crimping too for three sizes of un insulated terminals and ignition terminals. Will also cut or strip six sizes of cable.	1
	0-702-10	Crimping too for pre insulated, un insulated terminals and ignition terminals. Will also cut or strip six sizes of cable.	1
	0-702-50	Ratchet crimping too for pre insulated terminals. The crimp must be complete before the too ratchet can be released. Pressure can be adjusted.	1
	0-703-50	Ratchet crimping too for medium to large un insulated terminals. The crimp must be complete before the too ratchet can be released. Pressure can be adjusted.	1
	0-703-51	Ratchet crimping too for 'Econosea' and 'Supersea' terminals, wire sizes 0.5 to 2.0mm ² . The crimp must be completed before the too ratchet can be released. Pressure can be adjusted.	1
	0-703-52	Ratchet crimping too for 'Junior Power Timer' terminals, wire sizes 0.5 to 2.0mm ² . The crimp must be completed before the too ratchet can be released. Pressure can be adjusted.	1
	0-703-53	Ratchet crimping too for 'Junior Timer' terminals, wire sizes 0.5 to 2.0mm ² . The crimp must be completed before the too ratchet can be released. Pressure can be adjusted.	1
	0-703-60	Ratchet crimping too for 4 sizes of un insulated and tube terminals from 10mm ² to 35mm ² cable. The crimp must be complete before the too ratchet can be released. Pressure can be adjusted.	1

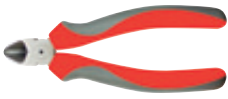








WORKSHOP AND TEST EQUIPMENT

Crimping tools | Stripping tools | Terminal connector demounting tools

Product	Part No	Description	Quantity
	0-703-80	Large crimping tool for uninsulated and tube terminals. Adjustable crimp for 10mm ² to 120mm ² cable.	1
	0-703-85	Heavy duty crimping tool for uninsulated tube terminals. Creates hexagonal crimps for 10, 16, 20, 25, 40, 50, 60, 70 and 95mm ² conductors. Tool length 660mm.	1
	0-703-90	Heavy duty crimping tool, sprung loaded punch, crimping can be achieved in vice or with hammer. Suitable for our copper tube connectors up to cable CSA of 95mm ² .	1
	0-004-00	Snip snap tool for insert solder or crimp nipples into connectors.	1
	0-004-50	Crimping tool for brass nipples.	1
	0-704-00	Stripping tool for cable up to 4mm ² . Incorporates cable cutter and crimper.	1
	0-704-05	Stripping tool for 6 cable sizes up to 5mm ² . Incorporates cable cutter.	1
	0-704-10	Stripping tool for 6 cable sizes up to 6mm ² . Automatic stripping action and length gauge facility to ensure stripped ends are uniform.	1
	0-703-99	Terminal connector demounting tools.	1
	0-706-99	Terminal connector demounting tools. Universal applications, contains 31 tools and a handle, supplied in foam storage tray.	1
	0-706-98	European vehicle application version of above with 26 tools.	1

WORKSHOP AND TEST EQUIPMENT

Cable cutters | 'Weller' soldering irons

Product	Part No	Description	Quantity
	0-704-20	Wire side cutters for automotive cables up to 10mm ² . For soft copper cable only. Spring loaded handles with soft touch insulated grips. 13mm jaw opening, 160mm long.	1
	0-704-21	Heavy duty wire side cutters for automotive cables up to 16mm ² . For soft copper cable only. Spring loaded handles with soft touch insulated grips. 22mm jaw opening, 200mm long.	1
	0-704-50	Cable cutter for automotive cables up to 70mm ² . For soft copper cable only.	1
	0-704-55	Cable cutter for automotive cables up to 100mm ² . For soft copper cable only.	1
<p>Conforms to BS EN60/335 and BS EN60/335-2.45. With moulded thermo-plastic handles designed for comfort and grip. The tips are nickel-plated solid copper and mains leads are made to BS 6500 with a strain relief to protect the lead where it enters the handle.</p>			
	0-448-25	230 volt, 25 watt, temp 400°C, with 3 LED illumination amps. CE approved.	1
	0-448-27	Replacement copper tip for the above.	1
	0-448-40	230 volt, 40 watt, temp 482°C, with 3 LED illumination amps. CE approved.	1
	0-448-41	Replacement copper tip for the above.	1
	0-448-75	230 volt, 80 watt, temp 482°C, with 3 LED illumination amps. CE approved.	1
	0-448-76	Replacement copper tip for the above.	1
	0-449-20	230 volt, 120 watt, temp 482°C. CE approved.	1
	0-449-21	Replacement copper tip for the above.	1
	0-449-75	230 volt, 175 watt, temp 482°C. CE approved.	1
	0-449-76	Replacement copper tip for the above.	1






WORKSHOP AND TEST EQUIPMENT

'Weller' soldering irons | Butane torch

Product	Part No	Description	Quantity
<p>Conforms to BS EN60/335 and BS EN60/335-2.45. With moulded thermo-plastic handles designed for comfort and grip. The tips are nickel-plated solid copper and mains leads are made to BS 6500 with a strain relief to protect the lead where it enters the handle.</p>			
	0-450-10	230 volt, 100 watt Magnastat temperature controlled soldering iron. Maintains a tip temperature of 370° C. Conforms to 89/336/EEC and 73/23/EEC. CE approved.	1
	0-450-11	Replacement copper tip for above.	1
	0-450-20	230 volt, 200 watt Magnastat temperature controlled soldering iron. Maintains a tip temperature of 370° C. Conforms to 89/336/EEC and 73/23/EEC. CE approved.	1
	0-450-21	Replacement copper tip for above.	1
	0-450-70	Self-igniting butane 'Pyropen' soldering iron. Temperature controlled by adjusting gas flow, heat up time 30 seconds. Approximately 1 hour operation per charge of gas. Supplied with hot blow nozzle, for small heat shrink applications, and protective cap.	1
	0-450-71	Replacement copper chisel tip for above.	1
	0-450-80	Heavy duty self-igniting butane 'Pyropen' soldering iron. Temperature controlled by adjusting gas flow, heat up time 30 seconds. Approximately 3 hours operation per charge of gas. Supplied with hot blow nozzle for heat shrink applications, torch ejector for small hard soldering tasks, and protective cap.	1
	0-450-81	Replacement copper chisel tip for above.	1
	0-450-99	Butane lighter/blow torch. For low temperature soldering on 000190 to 93 terminals and heat shrinking of terminals and heat shrink sleeving. Refillable from standard butane gas lighter refill can.	1
	0-450-50	230 volt, 100 watt instant soldering gun. Supplied with cutting and smoothing tips, rosin core solder, soldering aid, 24 page information booklet and carrying case. Conforms to 73/23/EEC, 93/68/EEC and 89/336/EEC. CE approved.	1
	0-450-51	Replacement soldering tips for above.	2







WORKSHOP AND TEST EQUIPMENT

Solders | Fluxes

Product	Part No	Description	Quantity
	0-455-58	Wood resin cored so der, ISO 12224 1 and ISO 9453, 60% , 40% ead. 18 SWG (1.25mm), 0.5kg.	1
 	0-455-18 0-455-00 0-460-00 0-470-00	Wood resin cored so der, ISO 12224 1 and ISO 9453, 40% , 60% ead. 18 SWG (1.25mm), 0.5kg. 13 SWG (2.50mm), 0.5kg. 13 SWG (2.50mm), 2.5kg. 18 SWG (1.25mm), 1.8m.	1 1 1 1
	0-455-63 0-455-68	Wood resin cored ead free so der, ISO 12224 1 and ISO 9453. 13 SWG (2.50mm), 97% 3% copper, 0.5kg. 18 SWG (1.25mm), 97% 3% copper, 0.5kg.	1 1
	0-470-68	Wood resin cored ead free so der, ISO 12224 1 and ISO 9453. 18 SWG (1.25mm), 96.5% 3.0% si ver 0.5% copper, 0.5kg. reel	1
	0-469-00	B owpipe so der BS219, grade D, 30% , 70% ead. Approximate y 560mm ong sticks.	10
	0-468-00	Tinmans so der BS219, grade D, 30% , 70% ead. Approximate y 350mm ong sticks.	5
	0-613-00	"Fluxite" soldering paste. Contains zinc and ammonium chlorides in petroleum grease. 100g .	1
	0-620-00 0-664-25	"Baker s' No 3" so dering fuid. Contains zinc and ammonium chlorides in a water base. 125m bott e. As above but 250m .	1 1
	0-620-01	"A uf ux" a uminium so dering f ux. Contains ethano amines, ammonium fuoborate and zinc oxide. 150gms. For use with a uminium so der.	1

WORKSHOP AND TEST EQUIPMENT

Bench power supply units | Battery chargers

Product	Part No	Description	Quantity
	0-649-10	Bench power supply units, designed to produce a stable voltage supply for workshop bench testing. Input 100 240vac, 50 60Hz. 12 volt 10 amp	1
	0-649-55	24 volt 5 amp	1
	0-647-01	Automatic automotive battery charger for lead/acid batteries, including sealed for life, gel and maintenance free. Features: micro chip controlled three stage charging, allowing the charger to be left permanently connected without harming the battery. Supplied with crocodile clips and leads. Input 100 240vac, 50 60Hz. 12 volt 1.0 amp.	1
	0-647-02	12 volt 2.7 amp.	1
	0-647-03	6/12 volt 2.7 amp.	1
	0-647-04	24 volt 1.5 amp.	1
	0-647-96	1.75m hard wire lead kit with 6mm ring terminals.	1
	0-647-97	1.75m lead kit with cigarette lighter/DIN plug.	1
	0-647-99	1.75m hard wire lead kit with 8mm ring terminals. 1.75m spare lead kit with crocodile clips.	1
	0-647-15	Automatic automotive battery charger for lead/acid batteries, including sealed for life, gel and maintenance free. Features: micro chip controlled five stage charging, allowing the charger to be left permanently connected without harming the battery. Supplied with crocodile clips and leads. 12 volt 5.0 amp	1
	0-647-96	1.75m hard wire lead kit with 6mm ring terminals.	1
	0-647-97	1.75m lead kit with cigarette lighter/DIN plug.	1
	0-647-98	1.75m hard wire lead kit with 8mm ring terminals.	1
	0-647-99	1.75m spare lead kit with crocodile clips.	1
	0-648-13	Automatic automotive battery charger 12 volt 7 amp for lead/acid batteries, including sealed for life, gel and maintenance free. Features: micro chip controlled three stage charging, allowing the charger to be left permanently connected without harming the battery. Supplied with crocodile clips and leads.	1
	0-648-14	12 volt 7 amp charger for deep cycle and leisure batteries	1
	0-648-17	Automatic automotive battery charger 12 volt 12 amp for lead/acid batteries, including sealed for life, gel and maintenance free. Features: micro chip controlled three stage charging, allowing the charger to be left permanently connected without harming the battery. Supplied with crocodile clips and leads.	1
	0-647-06	Automatic automotive battery charger for lead/acid batteries, including sealed for life, gel and maintenance free. Features: micro chip controlled three stage charging, allowing the charger to be left permanently connected without harming the battery. On/off switch, detachable wall mount brackets, supplied with crocodile clips and leads. 12 volt 6 amp	1
	0-647-10	12 volt 10 amp	1
	0-647-55	24 volt 5 amp	1
	0-647-20	12 volt 20 amp, input 100 240 vac 50 60Hz	1
	0-647-60	24 volt 10 amp, input 100 240 vac 50 60Hz	1

WORKSHOP AND TEST EQUIPMENT

Battery chargers | Battery back-up supplies | OBD code scanners

Product	Part No	Description	Quantity
	0-647-14	12 volt 2 15 amp, automatic automotive battery charger for lead/acid batteries, including sealed for life, gel and maintenance free. Microprocessor controlled multi stage charging, allowing the charger to be left permanently connected to maintain a fully charged status without harming the battery. Touch panel with selectable charge rate selection, supplied with crocodile clips and leads.	1
	0-648-30	12/24 volt, 30 amp heavy duty bench start assist/charger with charge timer for professional use. 'Automatic' or 'Manual' and 'Hi' or 'Low' charge rate options with 100 amp 'Start Assist' and thermal auto reset overload protection. Powder coated steel case. Supplied with crocodile clips and leads.	1
	0-648-31	110vac input version of above.	1
	0-648-60	6/12 volt, 60 amp trolley start assist/charger with charge timer for professional use. 'Hi', 'Medium' and 'Low' charge rate options with 12 volt 150 amp 'Start Assist', voltmeter, ammeter and thermal auto reset overload protection. Powder coated steel case, rubber wheels and chromium plated handle. Supplied with crocodile clips and leads.	1
	0-648-80	6/12/24 volt, 60 amp trolley heavy duty start assist/charger with charge timer for professional use. 'Hi', 'Medium' and 'Low' charge rate options with 12 V, 175 amp 'Start Assist', voltmeter, ammeter and thermal auto reset overload protection. Powder coated steel case, rubber wheels and chromium plated handle. Supplied with crocodile clips and leads.	1
	New 0-534-13	12V memory saver. Used to avoid the loss of memory during the battery replacement. Clear LED indicators. Low power warning when the power is low. Short circuit and polarity protection. Fits OBDII sockets. Supplied with crocodile clips and lead for 9V alkaline battery.	1
	New 0-797-01	EOBD code scanner for translation of error codes for vehicles. 320 x 240 QVGA LCD display. Detect systems: J1850 VPW, J1850PWM, ISO15765 4 CAN11Bit, ISO15765 4 CAN29Bit, ISO14230 KWP, ISO14230 KWP5BPS ISO9141 2	1

WORKSHOP AND TEST EQUIPMENT

Battery testers

Product	Part No	Description	Quantity
	0-524-08	'Durite' discharge tester for use on 6 and 12 volt lead acid automotive batteries, up to 120 amp hours, discharging them at 275 amps at 8 volts. Legs adjust to most sizes of battery. Instructions for safe use are on the heat shield, which is a non asbestos material.	1
	0-524-23	Replacement meter for the above.	1
	0-524-16	Replacement heat shield plate for the above.	1
	0-524-10	'No ten' discharge tester for use on 12 volt lead acid automotive batteries up to 120 amp hours, discharging them at 250 amps at 9 volts. Legs adjust to most sizes of battery. Instructions for safe use are on the heat shield. Adjustable meter for easy reading.	1
	0-524-12	Replacement meter for the above.	1
	0-524-19	'No ten' spark arresting discharge tester for use on 12 volt lead acid automotive batteries up to 120 amp hours, discharging them at 250 amps at 9 volts. Legs feature a spring loaded connector which prevents sparking when used in accordance with the instructions on the heat shield. Adjustable meter for easy reading.	1
	0-524-12	Replacement meter for the above.	1
	0-524-50	'No ten' heavy duty discharge tester, for use on large 12 volt lead acid automotive batteries, discharging them at 500 amps at 9 volts. Legs adjust to most sizes of battery. Tests batteries 90 amp hours and above. Instructions for safe use are on the heat shield. Adjustable meter for easy reading.	1
	0-524-12	Replacement meter for the above.	1
	0-524-02	Single cell discharge tester for use on 2 volt traction cells, discharging them at 250 amps. Legs adjust to most sizes of battery.	1
	0-524-75	A heavy duty 375 amp version of above.	1
	0-524-13	Replacement meter for the above.	1




WORKSHOP AND TEST EQUIPMENT

Battery testers | Battery shop sundries

Product	Part No	Description	Quantity
	0-524-70	<p>Digital battery tester with start/charge analyzer for 12 volt starter batteries and systems. A 4 digit LED display, microprocessor controlled, for use on lead acid automotive batteries including; Wet Cell, Lead/Calcium, Sealed, Deep cycle, AGM, GEL and Maintenance Free.</p> <p>Suitable for CCA capacity: SAE 200 to 1200 DIN 110 to 670 IEC 130 to 790 EN 185 to 1125 CA 240 to 1440</p>	1
	0-524-71	<p>Digital battery tester for 6 and 12 volt lead acid starter batteries with 12 and 24 volt start/charge analyzer. A 2 line 16 character LCD display, microprocessor controlled, for use on lead acid automotive batteries including: Wet Cell, Lead/Calcium, Sealed, Deep cycle, AGM, GEL and Maintenance Free.</p> <p>Suitable for CCA capacity: SAE 40 to 2000 DIN 25 to 1300 IEC 30 to 1500 EN 40 to 2100</p>	1
	0-524-72	<p>Digital battery tester for 6 and 12 volt lead acid starter batteries with 12 and 24 volt start/charge analyzer. A 2 line 16 character LCD display, with built in 37mm thermal printer, microprocessor controlled, for use on lead acid automotive batteries including: Wet Cell, Lead/Calcium, Sealed, Deep cycle, AGM, GEL and Maintenance Free.</p> <p>Suitable for CCA capacity: SAE 40 to 2000 DIN 25 to 1300 IEC 30 to 1500 EN 40 to 2100</p>	1
	0-524-99	Spare 7.5m rolls of 37mm thermal paper for the above.	2
	0-524-00	Discharge tester for 12 volt lead acid automotive batteries. Selectable load set to 125 or 250 amps, and an automatic 10 second test period indicator.	1
	0-226-02	Cantiever battery carrier. The heavier the battery, the harder it grips. Designed for lifting batteries from confined spaces. Constructed from painted steel with PVC handle.	1








WORKSHOP AND TEST EQUIPMENT

Battery shop sundries

Product	Part No	Description	Quantity
	0-226-00	Two arm battery carrier. Acid resisting Ba ata be g, 25mm wide, with quick fix grips to fit termina posts, and hooks for f at battery posts.	1
	0-471-00	A universa battery carrier with suspension straps fitted to a rigid insu ated bar. Acid resisting Ba ata be g, 25mm wide, with quick fix grips to fit termina posts, and hooks for f at battery posts.	1
	0-087-50	Battery box, mou ded in grey p astic, to accommodate most sizes of batteries. 380 x w 180 x h 270mm interna .	1
	0-087-75	Battery ho d down c amp, punched ang e bracket 348mm and two threaded J bo ts 385mm with wing nuts. Tin p ated. Adjusts to fit a popu ar sizes of battery.	1
	0-314-00	Wire brush with hardwood hand e and 3 rows of 35mm ong stee brist es.	1
	0-314-50	Brush for c eaning standard battery posts and termina s.	1
	0-370-00	Commutator brush seating stone, 75 x w 16 x h 10mm.	1
	0-555-00	180mm diameter mou ded po ythene funne .	1







WORKSHOP AND TEST EQUIPMENT

Battery shop sundries

Product	Part No	Description	Quantity
	0-149-50	Automatic battery filler. Dispenses distilled water and automatically stops when the correct level of electrolyte is reached in each battery cell. 1 litre capacity.	1
	0-149-00	Battery filler, 140 ml capacity bulb, on a 305 mm long PVC tube. Ministry Ref. 6140.99.805.4417.	1
	0-146-20	Acid pump for dilute acid and distilled water. Rubber pipe with lead sinker, PVC bulb and valves. Fits most carboys and is suitable for sulphuric acid with a specific gravity not exceeding 1.400. Ministry Ref. 4320 99 9006318	1
	0-146-14	'Stratgrip' control	1
	0-146-09	Pipe, delivery long	1
	0-146-25	Centre piece	1
	0-146-07	Bulb and bellows	1
	0-146-21	'Ebonite' tightening nut	1
	0-146-22	Collar	1
	0-146-45	Expander, 50-57mm	1
	0-146-46	Expander, 54-61mm	1
	0-146-41	Expander, 63-70mm	1
	0-146-47	Expander, 76-82mm	1
	0-146-81	Locknut, cover	1
	0-146-03	Pipe, short	1
	0-515-00	Pump for dilute acid and distilled water. Rubber pipe with lead sinker, PVC bulb and valves. Fits most carboys and is suitable for sulphuric acid with a specific gravity not exceeding 1.400. Registered Design No. 880987. Ministry Ref. 6140.99.805.4423.	1
	0-107-00	Hollow post driver for removing bars leaving a 13mm location post. Outer diameter 19mm.	1
	0-136-00	Battery post moulds, negative and positive, manufactured from mild steel hexagon bar. The centre probe provides the screw hole for four potential lead terminals.	1 pair
	0-330-00	Hand stamps made from nickel plated chromium steel. Supplied in a padded plastic. 5.00mm character size.	1
	0-264-00	27 letters, A-Z and &. 10 figures, 0-9.	1

WORKSHOP AND TEST EQUIPMENT

Battery shop sundries | Battery hydrometers

Product	Part No	Description	Quantity
	0-316-01	Chlorinated rubber paint, full gloss black. To protect metal work against battery acid. 0.5 litre.	1
	0-316-05	5 litre.	1
	0-144-00	Acid resistant insertion rubber apron, 880 x 1070 mm.	1
	0-151-09	Natural black rubber latex, unlined gloves to BS1651:1986, EEC/89/686, CE0086, EN374, EN388 and EN420. Size 8.5	1 pr
	0-151-10	Size 9.5	1 pr
	0-151-11	Size 10.5	1 pr
	0-286-00	Clear safety spectacles to EN166.1F.	1
	0-040-00	'Gravity battery' for automotive and cycle lead acid batteries, functioning with less than 5cc of electrolyte. Gives a simple and quick check of battery state of charge. No battery...SG less than 1.175 Flat 1 battery...SG between 1.200 1.225 1/4 charged 2 battery...SG between 1.225 1.250 1/2 charged 3 battery...SG between 1.250 1.280 3/4 charged 4 battery...SG higher than 1.280 4/4 charged Specific gravity range.....1.175 1.280° SG at 15°C	1
	0-059-00	'Popar', designed for the smaller automotive lead acid battery, functioning with less than 10cc of electrolyte. Ministry ref. 6630.99.957.5058 Specific gravity range 1.150 1.350° Accuracy to tolerance ± 0.010° SG	1
	0-059-02	Bubble for the above.	1
	0-059-06	Foat for the above.	1
	0-059-10	Jacket for the above.	1
	0-059-19	Spout for the above.	1





WORKSHOP AND TEST EQUIPMENT

Battery hydrometers

Product	Part No	Description	Quantity
	0-070-00	'Durite', designed for medium automotive lead acid batteries. Specific gravity range1.150 1.400° Accuracy to range± 0.010° SG	1
	0-070-02	Bu b for the above.	1
	0-070-06	F oat for the above.	1
	0-070-10	Jacket for the above.	1
	0-070-19	Spout for the above.	1
	0-060-00	'Heavy duty', designed for large automotive lead acid batteries. Specific gravity range1.100 1.400° Accuracy to range± 0.010° SG	1
	0-060-02	Bu b for the above.	1
	0-060-06	F oat for the above.	1
	0-060-10	Jacket for the above.	1
	0-060-19	Spout for the above.	1
	0-472-50	'Refractometer', for Sulphuric battery acid and Ethylene / Propylene Glycol anti freeze, designed for use under conditions varying significantly from 15°C, An integral temperature scale with correction chart enables adjusted readings to be quickly taken. Specific gravity range1.150 1.400° Accuracy to range± 0.010° SG Ethylene/Propylene Glycol12 66% Thermometer range0 50°C	1
	0-363-00	'Duritherm', designed for use under conditions varying significantly from 15°C, the temperature at which the hydrometer float is accurately calibrated. An integral thermometer with correction chart enables adjusted float readings to be quickly taken. Specific gravity range1.150 1.400° Accuracy to range± 0.010° SG Thermometer range0 50°C	1
	0-363-02	Bu b for the above.	1
	0-363-06	F oat for the above.	1
	0-363-10	Jacket for the above.	1
	0-363-19	Spout for the above including thermometer.	1




WORKSHOP AND TEST EQUIPMENT

Battery hydrometers | Anti-freeze hydrometers

Product	Part No	Description	Quantity
	0-472-00	'Precision', designed for very accurate work in the battery workshop. Incorporates integral thermometer and special hydrometer float, 1.220 - 1.300° which is the critical range for battery servicing. Specific gravity range 1.220 - 1.300° Accuracy to range ± 0.002° SG Thermometer range 0 - 50°C	1
	0-472-02	Bu b for the above.	1
	0-472-06	F oat for the above.	1
	0-472-10	Jacket for the above.	1
	0-472-19	Spout for the above including thermometer.	1
	0-363-50	'A katherm', designed for mixing alkalis where conditions vary significantly from 15°C, the temperature at which the hydrometer float is accurately calibrated. An integral thermometer with correction chart enables adjusted float readings. Specific gravity range 1.150 - 1.400° Accuracy to range ± 0.010° SG Thermometer range 0 - 50°C	1
	0-363-02	Bu b for the above.	1
	0-363-56	F oat for the above.	1
	0-363-10	Jacket for the above.	1
	0-440-00	'Gravity bar' for mixtures of Ethylene Glycol on y, functioning with less than 5cc of coolant. Gives a simple and quick check of anti freeze content and protection. No base float. Less than > 15% AF Unprotected 1 base float...between 15 - 20% AF Protected to 7°C 2 base float...between 20 - 30% AF Protected to 10°C 3 base float...between 30 - 40% AF Protected to 15°C 4 base float...between 40 - 50% AF Protected to 25°C 5 base float...higher than < 50% AF Protected to 36°C % AF and protection calculated at 15°C.	1
	0-550-00	For ethylene glycol solutions on y. Integral thermometer and drum calculator enables correct % anti freeze to be determined accurately over a wide temperature range. Specific gravity range 0 - 25% A.F. Accuracy to range ± 2% A.F. Thermometer range 0 - 70°C. NOT suitable for methanol or propylene mixtures.	1
	0-550-02	Bu b for the above.	1
	0-550-03	Calculator for the above.	1
	0-550-06	F oat for the above.	1
	0-550-10	Jacket for the above.	1
	0-550-19	Spout for the above including thermometer.	1

WORKSHOP AND TEST EQUIPMENT

Anti-freeze hydrometers

Product	Part No	Description	Quantity
	0-711-00	'Po armaster', designed for the U.K. Government, takes the accuracy of a laboratory to the vehicle. Ensures accurate determination of % ethylene glycol at any temperature, and indicates the amount of undiluted anti freeze to add to obtain the correct degree of frost protection. Ministry ref. H6/HF 10997. Specific gravity range5 - 60% A.F Accuracy to tolerance± 2% A.F Thermometer range0 - 70°C NOT suitable for methanol or propylene mixtures.	1
	0-711-02	Bu b for the above.	1
	0-711-06	F oat for the above.	1
	0-711-10	Jacket for the above including thermometer.	1
	0-711-19	Spout for the above.	1
	0-711-50	'Propy enmaster', takes the accuracy of a laboratory to the vehicle. Ensures accurate determination of % propylene glycol at any temperature, and indicates the amount of undiluted anti freeze to add to obtain the correct degree of frost protection. Specific gravity range5 - 60% A.F Accuracy to tolerance± 2% A.F Thermometer range0 - 70°C NOT suitable for methanol or ethylene mixtures.	1
	0-711-02	Bu b for the above.	1
	0-711-56	F oat for the above.	1
	0-711-60	Jacket for the above including thermometer.	1
	0-711-19	Spout for the above.	1
	New 0-440-50	Anti freeze tester for ethylene glycol solutions. Rubber bumper and hose, glass jar and L type float. Temperature range: 5 - 70 degrees Celsius, gravity range: 0 - 53% anti freeze. Total height 602 mm.	1

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0 684 00 range	9.3 9.5	0 833 00 range	8.2 8.3		
0 686 00	3.3	0 834 10	4.37		
0 687 00 range	3.1 3.2, 3.7 3.8	0 843 15	8.2		
0 688 00	4.14	0 845 03	8.2		
0 689 00	4.14	0 852 00 range	6.16, 6.40 6.42		

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