



# DURITE PRODUCT CATALOGUE

JANUARY 2016

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# DURITE PRODUCT CATALOGUE

JANUARY 2016



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# About Durite

Durite is the UK's leading brand in auto electrical parts for the commercial and general vehicle aftermarkets and manufacturers 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.



**"WE ARE COMMITTED TO PROVIDING OUR CUSTOMERS WITH AN EXCEPTIONAL LEVEL OF SERVICE AND A WIDER RANGE OF PRODUCTS."**

## Our Products:

- + Lighting – rear lighting, marker lamps, warning lights, work and spot lamps and interior lighting
- + Switches and indicators
- + Cables 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
- + Modified wave and Sine Wave inverters from 125W to 3000W
- + 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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# 1

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NEW PRODUCTS

## 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 150 products have been added to our catalogue!**

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## CCTV Kits and Vehicle Safety

Product	Part No	Description	Quantity
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## Durite CCTV reversing kits

Durite CCTV kits allow drivers to reverse more safely by improving visibility and reducing blind spots. health and safety is our priority.

**High performance 5" and 7" reversing kits**

- Dual voltage 12V/24V kits fit most vehicles
- High resolution TFT LCD monitor
- Short-circuit protected
- Waterproof 4-pin screw connectors

**User-friendly solution**

- Audio function
- Automatic Day/Night mode
- Side or Rear view automatic switch
- Wireless and Mirror kits also available



12V/24V 0-776-25

12V/24V 5" CCTV kit, Colour TFT I/R w/sound. Inputs for 2 cameras or 1 camera plus 1 AV input.

1

Supplied with 1 single CCD rear view camera only, remote control and 20m shielded cable.

Additional cameras are available from our camera section.



12V/24V 0-776-27

12V/24V 7" CCTV kit, Colour TFT I/R w/sound. Inputs for 2 cameras or 1 camera plus 1 AV input

1

Supplied with 1 single CCD rear view camera only, remote control and 20m shielded cable.

Additional cameras are available from our camera section.



12V/24V 0-776-37

12V/24V 7" CCTV kit, quad Colour TFT I/R w/sound. Inputs for up to 4 cameras.

1

Supplied with 1 single CCD rear view camera only, remote control and 20m shielded cable.

Additional cameras are available from our camera section.





12V/24V 0-776-39

Wireless 12V/24V 5" CCTV kit, Colour TFT I/R w/sound. Can receive signals from up to 2 cameras.

1



Supplied with 1 single CMOS rear view camera only.

## CCTV Kits and Vehicle Safety


Product	Part No	Description	Quantity
	12V/24V 0-776-41	<p>Wireless 12V/24V 7" CCTV kit, Colour TFT I/R w/sound. Can receive signals from up to 2 cameras.</p> <p>Supplied with 1 single CMOS rear view camera only.</p>	1
	12V/24V 0-776-47	<p>12V/24V Clip-on wired mirror monitor with 7" high resolution Colour TFT I/R w/sound. Inputs for 2 cameras or 1 camera plus 1 AV input.</p> <p>Fits mirrors from 63.5mm high up to 82mm high.</p> <p>Supplied with 1 single rear view camera only.</p>	1

## Durite 12V CCTV reversing kits

Durite 12V CCTV kits are ideal for vans, cars, trailers, leisure vehicles and horse boxes.

	0-776-43	<p>12V 4.3" LCD Monitor, CMOS image sensor. Inputs for 2 cameras or 1 camera plus 1 AV input.</p> <ul style="list-style-type: none"> <li>• Auto reversing switch</li> <li>• Automatic Gain Control (AGC)</li> <li>• Camera protected to IP67</li> </ul> <p>Supplied with 1 single rear view camera only.</p>	1
	0-776-85	Wireless sender/receiver connects to RCA connectors for 0-776-30 and 0-776-43.	1
	0-776-86	Voltage dropper to use kit on 24V vehicles.	1
	0-776-30	<p>12V 3.5" LCD Kit, CMOS image sensor. Inputs for 2 cameras or 1 camera plus 1 AV input.</p> <ul style="list-style-type: none"> <li>• Auto reversing switch</li> <li>• Automatic Gain Control (AGC)</li> <li>• Camera protected to IP67</li> </ul> <p>Supplied with 1 single rear view camera only.</p>	1
	0-776-85	Wireless sender/receiver connects to RCA connectors for 0-776-30 and 0-776-43.	1
	0-776-86	Voltage dropper to use kit on 24V vehicles.	1

## Durite Digital Video Recorders






	12V/24V 0-776-80	<p>Mobile Digital Video Recorder, 12V/24V, stores up to 4 cameras video onto 2 SD cards (128GB each, not included).</p> <ul style="list-style-type: none"> <li>• Full HD Real time recording</li> <li>• Lockable cover and Password protected</li> <li>• In-built G Force sensor and GPS</li> <li>• Motion detection / theft prevention</li> <li>• Speed monitoring and warning</li> </ul> <p>Supplied with connecting cables and remote control.</p>	1
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## CCTV Kits and Vehicle Safety




Product	Part No	Description	Quantity
	<b>0-776-60</b>	<p>Mobile Digital Video Recorder, 12V, stores single camera video onto 32 GB micro SD (not included).</p> <ul style="list-style-type: none"> <li>• Full HD Real time recording</li> <li>• In-built G Force sensor and GPS</li> <li>• Motion detection / theft prevention</li> <li>• Speed monitoring</li> </ul> <p>2 fitting options: Stick-on windscreen or suction pad (supplied).</p>	<b>1</b>
	<b>12V/24V 0-776-26</b>	12V/24V 5" Colour CCTV TFT monitor. Inputs for 2 cameras or 1 camera plus 1 AV input.	<b>1</b>
	<b>12V/24V 0-776-28</b>	12V/24V 7" Colour CCTV TFT monitor. Inputs for 2 cameras or 1 camera plus 1 AV input.	<b>1</b>
	<b>0-778-38</b>	12V/24V 7" Quad colour CCTV TFT monitor. Inputs for up to 4 cameras.	<b>1</b>
	<b>12V/24V 0-776-40</b>	12V/24V Wireless 5" colour CCTV TFT 2-channel Monitor.	<b>1</b>
	<b>12V/24V 0-776-42</b>	12V/24V Wireless 7" colour CCTV TFT 2-channel Monitor.	<b>1</b>
	<b>12V/24V 0-776-48</b>	<p>12V/24V Clip-on wired mirror monitor with 7" high resolution Colour TFT I/R w/sound.</p> <p>Bracket size of 82mm &gt; x &gt; 63.5mm</p>	<b>1</b>



## CCTV Kits and Vehicle Safety

Product	Part No	Description	Quantity
	12V/24V 0-776-21	<p>Rear-mount Infra-Red Colour CCTV Camera with microphone.</p> <ul style="list-style-type: none"> <li>• CCD image sensor</li> <li>• Automatic gain control (AGC)</li> <li>• 18 Infra-red LEDs</li> <li>• Protected to IP66</li> </ul> <p>Compatible with 0-776-25, 0-776-27, 0-776-37 and 0-776-47 CCTV kits.</p>	1
	12V/24V 0-776-22	<p>Side-mount Infra-Red Colour CCTV Camera with microphone.</p> <ul style="list-style-type: none"> <li>• CCD image sensor</li> <li>• Automatic gain control (AGC)</li> <li>• 10 Infra-red LEDs</li> <li>• Protected to IP69K</li> </ul> <p>Compatible with 0-776-25, 0-776-27, 0-776-37 and 0-776-47 CCTV kits.</p>	1
	12V/24V 0-776-23	<p>Wireless Rear-mount Infra-Red Colour CCTV Camera with microphone.</p> <ul style="list-style-type: none"> <li>• CMOS image sensor</li> <li>• Automatic gain control (AGC)</li> <li>• 18 Infra-red LEDs</li> <li>• Protected to IP66</li> </ul> <p>Compatible with 0-776-39 and 0-776-41 wireless CCTV kits.</p>	1
	0-776-07	<p>Overdoor camera. Infra-Red Colour CCTV Camera.</p> <ul style="list-style-type: none"> <li>• CCD image sensor</li> <li>• Automatic gain control (AGC)</li> <li>• 10 Infra-red LEDs</li> <li>• Protected to IP69K</li> </ul> <p>Compatible with 0-776-25, 0-776-27, 0-776-37 and 0-776-47 CCTV kits.</p>	1
	0-776-77	Stainless steel extension bracket. 203mm x 119mm.	1
	0-776-95	<b>Suzi cable kit</b> comprising of 1 x suzi cable 3.5 metres working length and 2 vehicle connectors (10 metre FEMALE end for vehicle and 0.3 metre MALE end for trailer).	1
	0-776-93	1 x Suzi cable trailer connector with 0.3m lead and MALE connector	1
	0-776-94	1 x Suzi cable vehicle cab connector with 10m lead and FEMALE connector	1
	0-776-96	1 x Suzi cable 3.5 metre working length. 6 metre total length. Designed for use with CCTV system.	1

## CCTV Kits and Vehicle Safety

Product	Part No	Description	Quantity
	0-776-87	Main Harness Loom, S-Video, for 0-776-25 & 0-776-27	1
	0-775-10	10m Screened CCTV lead.	1
	0-775-14	15m Screened CCTV lead.	1
	0-775-19	20m Screened CCTV lead.	1
	0-776-98	Fan style bracket for 0-776-25, 0-776-27, 0-776-37, 0-776-39 and 0-776-41	1

## “FORS &amp; CLOCS Guidelines compliance”

Under the Safer Lorry Scheme London and according to CLOCS guideline 3.2.3 Blind Spot minimisation, vehicles over 3.5T must have front, side and rear blind spots completely eliminated or minimised as far as practical. CLOCS guideline 3.2.1 requires prominent signage to be displayed on the rear of vehicles.

Durite offers a comprehensive range of CCTV reversing kits, a six-sensor Blind Spot detection system, Class V and Class VI mirrors and warning signs to help you stay compliant.



0-870-00







24V Blind spot detection system. For vehicles up to 8 m ion length

1

Includes;



- 6 BSA sensors. 6 Sensor holders.
- 1 control box
- 1 LED display
- 2 buzzers
- 1 pair of A pillar warning lights
- 1 set of harnesses and an installation kit.

## CCTV Kits and Vehicle Safety

Product	Part No	Description	Quantity
	0-770-07	Mirror head (240 x 155mm), to EEC specification class V. Comes with mirror arm fitted with 2 x 6mm slots at 40-60mm.	1
	0-770-08	Mirror head (293 x 210mm), to EEC specification Class VI with unbreakable lens. Comes with mirror arm 440mm long, 19mm diameter with clamp that fits 16-28mm diameter arms.	1
	0-770-09	Circular mirror head (255mm diameter) to EEC specification class VI. Comes with mirror arm 440mm long, 19mm diameter with clamp that fits 16-28mm diameter arms.	1
	0-870-52	Self-adhesive vinyl safety sign landscape. 300 x 200mm.	1
	0-870-50	Self-adhesive vinyl safety sign, landscape 300 x 200mm.	1
	0-870-51	Portrait version of the above. 200 x 300mm.	1
			

## Lighting

Product	Part No	Description	Quantity
<b>Durite Beacons</b> Durite Beacons provide excellent all-round visibility in all weather conditions. They are R65 approved, IP rated and EMC compliant; ideal for commercial vehicles and equipment.			
<b>A wide range of options</b> <ul style="list-style-type: none"> <li>Rotating, LED or Xenon beacons</li> <li>Wide range of shapes and sizes</li> <li>1-Bolt, 3-Bolt, Magnet or Spigot Fixing</li> <li>Suitable for a wide range of vehicles and moving equipment</li> </ul>		<b>Why Durite beacons?</b> <ul style="list-style-type: none"> <li>Great value for money</li> <li>Ultra-high intensity</li> <li>3-year warranty on LED beacons*</li> <li>Rotating Beacons are Direct-drive as opposed to Belt-driven</li> </ul>	
	<div>LED</div> <div>R65</div> <div>IP56</div> <div>12V/24V</div>	<b>0-445-16</b> 12V/24V single flash LED beacon with amber lens and single bolt fixing. 132 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
		<b>0-445-99</b> Replacement Lens for LED Beacon	1
	<div>LED</div> <div>R65</div> <div>IP56</div> <div>12V/24V</div>	<b>0-445-18</b> 12V/24V single flash LED beacon with amber lens and three bolt fixing on 130mm P.C.D.. 132 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
		<b>0-445-99</b> Replacement Lens for LED Beacon	1
	<div>LED</div> <div>R65</div> <div>IP56</div> <div>12V/24V</div>	<b>0-445-70</b> 12V/24V single flash LED beacon with amber lens and Magnetic base. 132 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
		<b>0-445-99</b> Replacement lens for LED Beacon	1
	<div>LED</div> <div>R65</div> <div>IP56</div> <div>12V/24V</div>	<b>0-445-34</b> 12V/24V single flash LED beacon with amber lens and Flexi DIN fixing. 132 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
		<b>0-445-99</b> Replacement lens for LED Beacon	1

Product	Part No	Description	Quantity	
	LED	0-445-77	12V-80V Mini LED beacon with amber lens and 2-bolt fixing. Double flash rate. CE approved. Protected to IP65. Ideal for warehouses, forklifts and work equipment.	1
	IP65			
	12V-80V			
<hr/>				
*3-year warranty on LED beacons*: Warranty on LED beacons exclude lenses, and other defects caused by normal wear and tear.				
	R65	0-444-21	12V/24V Rotating Halogen beacon, H1 55W / H1 70W with amber lens and single bolt fixing. 160 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	IP56			
	12V/24V			
		0-444-99	Replacement lens for Halogen beacon	1
<hr/>				
	R65	0-444-23	12V/24V Rotating Halogen beacon, H1 55W / H1 70W with amber lens and three bolt fixing on 130mm P.C.D.. 160 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	IP56			
	12V/24V			
		0-444-99	Replacement lens for Halogen beacon	1
<hr/>				
	R65	0-444-75	12V/24V Rotating Halogen beacon, H1 55W / H1 70W with amber lens and Magnetic base. 160 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	IP56			
	12V/24V			
		0-444-99	Replacement lens for Halogen beacon	1
<hr/>				
	R65	0-444-39	12V/24V Rotating Halogen beacon, H1 55W / H1 70W with amber lens and Flexi DIN fixing. 160 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	IP56			
	12V/24V			
		0-444-99	Replacement lens for Halogen beacon	1

\*3-year warranty on LED beacons\*: Warranty on LED beacons exclude lenses, and other defects caused by normal wear and tear.



## Lighting

Product	Part No	Description	Quantity
<b>Durite Truck &amp; Trailer Lights</b>			
Durite has added a new selection of high quality LED Lighting; R65 Warning lights, Rear combination lamps, Side and Outline marker lamps, Number plate lamps and Reflectors, all great for trucks, trailers and recreational vehicles.			
	<div>LED</div> <div>R65</div> <div>IP68</div> <div>12V/24V</div>	<b>0-441-00</b> 12V/24V High intensity amber 6 x 3W LED warning light unit with 20 programmable flash sequences. Can be synchronised with other units from the same family. Low profile fixing and protected to IP68. CE, ECE R65 Class 1 and SAE class 1 approved. l113 x w28.4 x h6.6mm	1
		<b>0-441-02</b> Blue version of the above.	1
		<b>0-441-05</b> Red Version of the above	1
	<div>LED</div> <div>IP67</div> <div>12V/24V</div>	<b>0-767-80</b> 12V/24V LED rear lamp. Stop/tail and D.I. functions. Supplied with 230mm cable and 2 x M6 fixing bolts. 122mm diameter. ECE approved. Protected to IP67.	1
	<div>LED</div> <div>IP67</div> <div>12V/24V</div>	<b>0-767-85</b> 12V/24V LED rear lamp. Tail/reverse and fog functions. Supplied with 230mm cable and 2 x M6 fixing bolts. 122mm diameter. ECE approved. Protected to IP67.	1
	<div>LED</div> <div>IP67</div>	<b>0-097-45</b> Commercial 24V LED trailer rear lamp, left hand. Stop/tail/D.I./fog/reverse/reflector and side marker functions. Also features interchangeable modules. ECE approved. Protected to IP67. l438.9 x w66.6 x h152.5mm	1
		<b>0-097-46</b> Right hand version of the above.	1
	<div>LED</div> <div>IP67</div>	<b>0-097-40</b> Commercial 24V LED trailer rear lamp, left hand. Stop/tail/D.I./fog/reverse/reflex/reflector and side marker functions. Also features interchangeable modules. ECE approved. Protected to IP67. l457.3 x w63 x h160.9mm	1
		<b>0-097-41</b> Right hand version of the above.	1

Product	Part No	Description	Quantity
 <div> <div>LED</div> <div>IP67</div> <div>12V/24V</div> </div>	<b>0-071-50</b>	12V/24V LED Trailer rear lamp, left hand. Stop/Tail/ D.I./ Reverse/Fog and Reflex functions. 2000mm cable. ECE and R10 approved. Protected to IP67. l385 x w33.5 x h150mm.	1
	<b>0-071-51</b>	Right hand version of the above.	1
 <div> <div>LED</div> <div>IP67</div> <div>12V/24V</div> </div>	<b>0-300-80</b>	12V/24V LED rear lamp. Stop/tail/D.I. and reflex reflector functions. Supplied with 300mm cable and 2 x M6 fixing bolts. ECE approved. Protected to IP67. l150 x w26.5 x h80mm	1
 <div> <div>LED</div> <div>IP67</div> <div>12V/24V</div> </div>	<b>0-300-20</b>	12V/24V LED rear lamp. Stop/tail/D.I./reverse and reflex reflector functions. ECE approved. Supplied with 280mm flying leads. Protected to IP67. l 129 x w 30 x h94mm	1
 <div> <div>LED</div> <div>IP67</div> <div>12V/24V</div> </div>	<b>0-300-25</b>	12V/24V LED rear lamp. Stop/tail/D.I. and reflex reflector functions. ECE approved. Supplied with 280mm flying leads. Protected to IP67. l195 x w30 x h94mm	1
 <div> <div>LED</div> <div>IP67</div> <div>12V/24V</div> </div>	<b>0-300-75</b>	12V/24V LED rear lamp. Stop/tail/D.I. and reflex reflector functions. ECE approved. Supplied with 400mm flying lead. Protected to IP67. l245 x w31.5 x h109mm	1
 <div> <div>LED</div> <div>IP67</div> </div>	<b>0-079-50</b>	24V LED Commercial rear lamp, left hand. Stop/tail/D.I./ fog/reflex reflector/ reverse and side marker functions. Low profile design. ECE approved and protected to IP67. l450 x w38.5 x h155mm	1
	<b>0-079-51</b>	Right hand version of the above.	1

## Lighting

Product	Part No	Description	Quantity
	<div>LED</div> <div>IP67</div> <div>12V/24V</div>	<b>0-300-10</b> 12V/24V LED rear lamp. Stop/tail/D.I./ and reflex reflector functions. ECE approved. Supplied with 400mm flying leads. Protected to IP67. I157.5 x w30.9 x h81.2mm	1
	<div>LED</div> <div>IP67</div> <div>12V/24V</div>	<b>0-300-15</b> 12V/24V LED rear lamp, left hand. Stop/tail/D.I. and reverse functions. Supplied with 800mm flying leads. ECE approved. Protected to IP67. I200 x w50 w h25mm	1
		<b>0-300-14</b> Right hand version of the above.	1
	<div>LED</div> <div>IP67</div> <div>12V/24V</div>	<b>0-453-70</b> 12V/24V Black plastic number plate lamp. ABS housing with polycarbonate lens. Protected to IP67. ECE approved. I120 x w58.5 x h45mm	1
		<b>0-453-80</b> 12V/24V Small black plastic LED Universal number plate lamp. ECE approved. I93 x w30 x h47mm	1
	<div>LED</div> <div>IP67</div>	<b>0-171-30</b> 24V LED Amber side marker lamp with reflex reflector and plug. Protected to IP67. ECE approved. I130 x w13 x h34.7mm	1
		<b>0-171-25</b> Red version of the above	1
		<b>0-171-20</b> Clear version of the above	1
		<b>0-665-20</b> Red reflex reflector. 2 x 5mm screw holes. ECE approved. Ideal for vehicles fitted with 95mm diameter lights. 95mm diameter	1
		<b>0-505-30</b> Amber Reflector with black frame. Acrylic lens. 2 x 4mm screw holes. ECE approved. I85 x w31 x h5.5mm	10
		<b>0-505-25</b> Red version of above	10
		<b>0-505-20</b> Clear version of above	10

Product		Part No	Description	Quantity
	LED IP68 12V/24V	0-172-20	Red and White 12V/24V LED outline marker lamp with universal fitting short straight arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I90 x w32 x h85mm	1
	LED IP68 12V/24V	0-172-25	Red and White 12V/24V LED outline marker lamp with universal fitting long straight arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I131 x w32 x h85	1
	LED IP68 12V/24V	0-172-31	Red and White 12V/24V LED outline marker lamp, left hand angled short arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I109 x w32 x h138mm	1
		0-172-30	Right Hand version of the above.	1
	LED IP68 12V/24V	0-172-36	Red and White 12V/24V LED outline marker lamp, left hand angled long arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I168 x w32 x h134mm	1
		0-172-35	Right hand version of the above.	1
	LED IP68 12V/24V	0-172-41	Red and White 12V/24V LED outline marker lamp, left hand short bent arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I146 x w32 x h145mm	1
		0-172-40	Right Hand version of the above.	1
	LED IP68 12V/24V	0-172-46	Red and White 12V/24V LED outline marker lamp, left hand long bent arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I182 x w32 x h143mm	1
		0-172-45	Right Hand version of the above.	1
	LED IP68 12V/24V	0-172-76	Red, White and Amber 12V/24V LED outline triple marker lamp, left hand long arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I179 x w42 x h167mm	1
		0-172-75	Right Hand version of the above.	1
	LED IP68 12V/24V	0-172-70	Red, White and Amber 12V/24V LED universal outline triple marker lamp. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I106 x w42 x h86mm	1

## Lighting

Product	Part No	Description	Quantity
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## Durite LED Work Lamps

Durite offers a wide range of high quality LED Flood and Spot work lamps.

**SPOT** beam pattern



**FLOOD** beam pattern



**A wide range of shapes, sizes & light output**

- 3-year warranty on LED work lamps
- Weatherproof and robust housing and lens
- High quality LED work lamps to suit any budget
- Suitable for all vehicle-mounted applications
- Dual voltage - at least 12V/24V
- Low power consumption and long-lasting LED technology



**LED**  
**1500 Lm**  
**IP68**  
**12V/24V**

**0-420-78**

A compact 12V/24V work lamp. 1500 Lumens, 6 x 3W CREE LEDs. Black powder coated die cast aluminium case, polycarbonate lens supplied with stainless steel adjustable bracket. Protected to IP68. CE Approved. I76 x w42 x h90mm

**1**



**LED**  
**7050 Lm**  
**IP67**  
**12V/24V**

**0-420-82**

A very powerful 6in 12V/24V LED work lamp. 7050 Lumens, 9 x 10W CREE LEDs 6000K. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket supplied with 400mm flying leads. Protected to IP67. EMC and CE Approved. I145 x w115 x h147mm

**1**



**LED**  
**1000 Lm**  
**IP68**  
**10V-60V**

**0-420-75**

10V-60V, 2 x 5W CREE LED work lamp emitting a blue super spotlight ideal for forklifts. 1000 lumens. Diecast aluminium housing, supplied with stainless steel bracket. Protected to IP68. CE approved. I98 x w80 x h70mm

**1**



**LED**  
**2600 Lm**  
**IP67**  
**12V/24V**

**0-420-79**

A powerful 12V/24V LED work lamp. 2600 Lumens, 12 x 3W LEDs. Black powder coated die cast aluminium case, PMMA lens, supplied with magnet base, handle, switch, cable and cigarette plug. Protected to IP67. Diameter 140mm, Depth 70mm

**1**




**LED**  
**1150 Lm**  
**IP67**

**0-541-30**

5x3W Epistar LED Rechargeable Li-ion Work light comes with handle and powerful magnetic base. 3 alternative light modes, full, half and SOS. Supplied with 230V UK charger and 12V cigarette plug charger. Protected to IP67. 1150 Lumens. 5V 2.1A USB port for external charging of mobile phone etc. Colour Temperature 6000K. CE approved. I85 x w40 x h190mm



**1**



Product	Part No	Description	Quantity
	<b>LED</b> <b>900 Lm</b> <b>IP67</b> <b>12V/24V</b>	<b>0-541-20</b> 12V/24V 5 x 3W LED work light, comes with handle stand, 3 metres of cable and cigarette plug. Protected to IP67. 900 Lumens. CE approved. Lamp: l109 x w41 x h109mm. Stand: l200 x w170 x h270mm	1
	<b>LED</b> <b>2x900 Lm</b> <b>IP67</b> <b>12V/24V</b>	<b>0-541-25</b> Twin version of the above. Includes two 12/24V 5 x 3W 900 Lumens LED work lamps. Comes with tripod stand, 4 metres of cable and cigarette plug. Twin mount can be removed from tripod to allow floor standing of lamps. Lamp: l109 x w41 x h109mm Stand: l770 x w670 x h1770mm	1

## Durite LED Interior Lamps

Offering several shapes, light outputs and fixtures, the Durite range is one of the most flexible and versatile on the market.

	<b>LED</b> <b>210 Lm</b> <b>12V/24V</b>	<b>0-668-32</b> 12V/24V LED roof lamp. 18 white LEDs, aluminium base. 210 Lumens. l160 x w40 x h24mm	1
	<b>430 Lm</b>	<b>0-668-33</b> 36 LEDs, 430 Lumens. l260 x w40 x h24mm	1
	<b>1120 Lm</b>	<b>0-668-34</b> 94 LEDs, 1120 Lumens. l560 x w40 x h24mm	1
	<b>LED</b> <b>R10</b> <b>1200 Lm</b> <b>IP67</b> <b>12V/24V</b>	<b>0-668-80</b> Slim 12V/24V LED linear roof lamp with integral switch, 18 SMD LEDs, white bezel. 1200 Lumens and protected to IP67. EMC R10 approved and comes with a 100mm cable. l400 x w25 x h17mm	1
	<b>600 Lm</b>	<b>0-668-81</b> As above, 9 SMD LEDs, 600 lumens. l245.1 x w25 x h17mm	1
	<b>LED</b> <b>R10</b> <b>410 Lm</b> <b>12V/24V</b>	<b>0-668-06</b> Slim 12V/24V LED circular roof lamp. 21 bright white SMD LEDs, white plastic bezel. 410 Lumens and protected to IP67. EMC R10 approved. Diameter 155mm, Depth 15.7mm	1
		<b>0-668-99</b> White plastic mounting bezel for the above	1
	<b>LED</b> <b>R10</b> <b>665 Lm</b> <b>IP67</b> <b>12V/24V</b>	<b>0-668-11</b> Slim 12V/24V LED Roof Lamp. 10 SMD LEDs, 665 Lumens, white plastic bezel. Protected to IP67. EMC R10 approved. Diameter 75mm, Depth 8.7mm	1
	<b>LED</b> <b>R10</b> <b>1400 Lm</b> <b>IP67</b> <b>12V/24V</b>	<b>0-668-18</b> Slim 12V/24V LED roof lamp with built-in PIR sensor, 21 bright white SMD LEDs, white plastic bezel. 1400 Lumens and protected to IP67. EMC R10 approved. Diameter 160.2mm, Depth 14.1mm	1
		<b>0-668-99</b> White plastic mounting bezel for the above	1

## Switches and Indicators | Inverters | Equipment and Accessories

Product	Part No	Description	Quantity
<b>Durite Switches and Indicators</b>			
	0-687-20	Momentary ON, single pole switch biased to off, with plastic paddle style lever. 6.3mm blade terminals. 13mm panel hole. 10A at 12/24V DC rating	1
	0-530-02	12/24V On/Off changeover, single pole switch and plastic rocker. 4.8mm blade terminals. 10A at 12V DC rating.	1
<b>Durite Inverters</b>			
	0-856-00	140W Mini Can Modified Sine wave inverter, input 10-15V DC to 230V AC 50 Hz output. <ul style="list-style-type: none"> <li>Rated at 140W continuous with a quiescent current &lt;0.45A.</li> <li>Protected against overload, over temperature, low battery and short circuit</li> <li>Supplied with a standard UK three pin socket outlet, on/off switch, USB port rated at 1A and a cigarette plug with 80cm of cable.</li> </ul>	1
<b>Durite Equipment and Accessories</b>			
	0-693-98	Caravan socket gasket for 13-pin sockets.	10
	0-642-31	12V Electric trumpet horn. 500Hz High tone.	1
	0-642-33	24V version of the above.	1
	0-642-32	12V Electric trumpet horn. 420Hz Low tone.	1
	0-642-34	24V version of the above.	1

## Cables and Wiring accessories

Product

Part No

Description

Quantity

## Durite Cables and Wiring accessories

With over **1700 cables and wiring accessories**, Durite is your one stop shop. We supply high quality products at affordable prices. Save money, don't compromise on quality!



Flexible starter cable 905/0.30mm. 70mm<sup>2</sup>. 485A,  
15.8mm nominal OD

0-977-01

Black

10m reel

0-977-05

Red

10m reel



Copper core PVC starter cable. 684/0.40mm. 500A,  
95mm<sup>2</sup>, 17.9mm nominal OD.

0-990-00

Black

10m reel

0-990-05

Red

10m reel



0-008-20

10mm<sup>2</sup> Heavy Duty Butt Splice Connector.  
Used to connect or splice two wires to lengthen, change  
or repair an electrical circuit. Suitable for Automotive,  
Marine, Commercial and Industrial applications. Made of  
Tin plated copper.

10

0-008-30

16mm<sup>2</sup> Heavy Duty Butt Splice Connector.

10

0-008-40

25mm<sup>2</sup> Heavy Duty Butt Splice Connector.

10

0-008-50

35mm<sup>2</sup> Heavy Duty Butt Splice Connector.

10

0-008-60

50mm<sup>2</sup> Heavy Duty Butt Splice Connector.

10

0-008-70

70mm<sup>2</sup> Heavy Duty Butt Splice Connector.

10

0-008-80

95mm<sup>2</sup> Heavy Duty Butt Splice Connector.

10



Male terminal

Female terminal

0-011-50

1.5mm Superseal Terminal - Male

10

0-011-60

1.5mm Superseal Terminal - Female

10






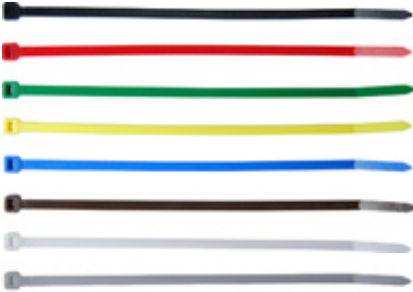



0-534-29

Fuse tester puller. Tests different size fuses. LED light  
helps identify working fuses. Tweezer end helps pull out  
faulty fuse.

10

10

## Cables and Wiring accessories

Product	Part No	Description	Quantity
	0-697-20	8-Way Junction Box in rubber. 50V DC, 15A max load per circuit, Max total current 120A if all 8 connectors are used. 50A for any single way where no other terminals are used.	1
	0-599-00	Nylon cable connector strip with steel screws and insert. 15A for up to 8mm <sup>2</sup> cable. Box of 10 x strips of 12	1
	0-005-57	Heavy-duty modular design bus bar. With 4 terminal studs. For up to 48V, 300A.	1
	0-005-58	With 6 terminal studs. For up to 48V, 300A.	1
	0-005-59	With 12 terminal studs. For up to 48V, 100A.	1
	0-005-60	With 4 insulated terminal studs. For up to 48V, 200A.	1
	0-002-12	Standard nylon 6.6 cable ties. Blue 200 x 4.8mm	100
	0-002-13	Brown 200 x 4.8mm	
	0-002-14	Green 200 x 4.8mm	
	0-002-15	Red 200 x 4.8mm	
	0-002-18	Yellow 200 x 4.8mm	
	0-002-20	Silver 300 x 4.8mm	
	0-002-21	Silver 370 x 4.8mm	
	0-002-28	White 200 x 4.8mm	
	0-002-29	White 300 x 4.8mm	
	0-002-40	Black 140 x 3.6mm	
	0-002-46	Black 200 x 4.8mm	
	0-002-47	Black 300 x 4.8mm	
	0-002-48	Black 300 x 7.6mm	
	0-002-49	Black 370 x 7.6mm	
	0-557-09	PVC adhesive tape in Grey. 19mm x 5m Pack of 12.	12
	5-557-09	PVC adhesive tape in Grey. 19mm x 5m. Pack of 1.	1
	0-557-48	PVC adhesive tape in Green/Yellow. 19mm x 5m. Pack of 12.	12
	5-557-48	PVC adhesive tape in Green/Yellow. 19mm x 5m. Pack of 1.	1
	0-023-00	Quick Release Battery Terminals - Positive and Negative. Made of natural brass. Pack of 2 (1 Positive and 1 negative). For vehicle battery up to 50mm <sup>2</sup> .	1
Negative terminal	1-023-00	Quick release battery terminal. Positive only.	1
Positive terminal	2-023-00	Quick release battery terminal. Negative only	1

## Cables and Wiring accessories

Product	Part No	Description	Quantity
	5-028-01	Metric Solderless Battery Terminal to fit up to 40mm <sup>2</sup> cable. Positive	1
	1-028-01	As above, in a pack of 10.	10
	1-028-10	As above, in a sack of 100.	100
	6-028-01	Metric Solderless Battery Terminal to fit up to 40mm <sup>2</sup> cable. Negative	1
	2-028-01	As above, in a pack of 10.	10
	2-028-10	As above, in a sack of 100	100
	5-038-01	Metric Solderless Battery Terminal to fit up to 60mm <sup>2</sup> cable. Positive	1
	1-038-01	As above, in a pack of 10.	10
	1-038-10	As above, in a sack of 100.	100
	6-038-01	Metric Solderless Battery Terminal to fit up to 60mm <sup>2</sup> cable. Negative	1
	2-038-01	As above, in a pack of 10.	10
	2-038-10	As above, in a sack of 100	100
	5-048-01	Metric Solderless Battery Terminal to fit up to 120mm <sup>2</sup> cable. Positive	1
	1-048-01	As above, in a pack of 10.	10
	1-048-10	As above, in a sack of 100.	100
	6-048-01	Metric Solderless Battery Terminal to fit up to 120mm <sup>2</sup> cable. Negative	1
	2-048-01	As above, in a pack of 10.	10
	2-048-10	As above, in a sack of 100	100
	5-102-01	Metric Battery Terminal with 8mm stud. Positive	1
	1-102-01	As above, in a pack of 10.	10
	1-102-10	As above, in a sack of 100.	100
	6-102-01	Metric Battery Terminal with 8mm stud. Negative	1
	2-102-01	As above, in a pack of 10.	10
	2-102-10	As above, in a sack of 100.	100
	5-103-01	Metric Battery Terminal with 10mm stud. Positive	1
	1-103-01	As above, in a pack of 10.	10
	1-103-10	As above, in a sack of 100.	100
	6-103-01	Metric Battery Terminal with 10mm stud. Negative	1
	2-103-01	As above, in a pack of 10.	10
	2-103-10	As above, in a sack of 100.	100

## Workshop and Test equipment

Product	Part No	Description	Quantity
<b>Durite Workshop and Test equipment</b>			
	0-535-20	Automotive Noise Finder. <ul style="list-style-type: none"> <li>Quickly detects noise emanating from, for example; bearing, gear, valve body, crankshaft, cylinder, gearbox, car body etc after starting the engine.</li> <li>Features include sound amplification with volume control and battery voltage indication.</li> <li>1 x 9V battery required.</li> </ul>	1
	0-534-40	Circuit Tracer Detector. <ul style="list-style-type: none"> <li>Finds open circuits quickly and easily.</li> <li>Designed so there is no need to open cables therefore preventing damage to the circuit.</li> <li>Sender and Receiver included.</li> <li>Suitable for all DC circuits up to 42V and features battery voltage indication. 2 x 9V batteries required.</li> </ul>	1
	0-798-80	Pen type Multimeter. Uses a large scale of integrated circuit with professional multimeter IC at its core and has full range overload protection.	1
	0-649-07	Power pack converter. <ul style="list-style-type: none"> <li>230V to 12V DC.</li> <li>12V 7Amps, 84W</li> <li>Supplied with 12V DC cigarette plug socket and UK AC plug cord</li> <li>Over Voltage/Current/Temperature Protection.</li> </ul>	1
 <div> <div>LED</div> <div>410 Lm</div> </div>	0-699-86	15W Super Bright rechargeable LED COB inspection lamp. <ul style="list-style-type: none"> <li>410 Lumens.</li> <li>Comes with variable brightness adjustment Switch.</li> <li>Powerful magnetic base and 360 degree rotation.</li> <li>Comes with swivel hanging hook and a built-in 2200mAh Lithium Ion rechargeable battery.</li> <li>With 5V 1A, USB cable and UK plug adaptor.</li> </ul>	1
	0-674-00	12V Portable twin Piston Air Compressor. <ul style="list-style-type: none"> <li>150 PSI max inflation</li> <li>Product size: 20 x 24.5 x 9.5cm</li> <li>Max voltage: 13.8V. Max Amperage: 23A</li> <li>Output volume: 65L/pm, Inflates ordinary car tyre in 3 minutes (&gt;30 PSI). Max duty cycle: 40 minutes.</li> </ul> Includes; <ul style="list-style-type: none"> <li>3m battery cord with clamp</li> <li>5m PU retractable cable and 25cm rubber hose with pressure gauge</li> <li>2 nozzle adapters and 1 sports needle</li> <li>Comes with robust carry case</li> </ul>	1



## Battery Chargers and Maintenance

Product

Part No

Description

Quantity

## Durite Battery Chargers and Maintenance

Building on to the proven and extensive Durite Battery chargers and Maintenance range.

## Discover our latest additions

- New compact Jump packs, ideal for vans and cars.
- A new range of great value, high quality battery chargers which cover most applications.
- Perfect for both Professional and DIY use.



0-649-20

12V Jump Starter with Lithium-Ion battery.

1

- Capacity: 12,000Ah / 44.4Wh.
- Start current: 200A, Peak current: 400A.
- Cycle life: 1,000 times.
- Will retain full charge for up to 6 months.
- Powerful LED light.
- Comes with emergency hammer for breaking glass.



0-649-25

12V Jump Starter with Lithium-Ion battery.

1

- Capacity: 13,600Ah / 50.32Wh.
- Start current: 250A, Peak current: 500A.
- Cycle life: 1,000 times.
- Will retain full charge for up to 6 months
- Two 5V x 2.1A USB ports.
- Comes with smart cable for reverse polarity protection, short circuit protection and overheat protection



0-647-16

Automatic battery charger/maintainer for all types of lead acid batteries including wet, MF, AGM and most gel types. 6/12V 4A output.

1

- Features 9-stage charging and micro processor control allowing the unit to be left permanently connected without harming the battery.
- Supplied with 3 DC leads; ring terminals, crocodile clips, and a cigarette plug.



0-648-35

12/24V Heavy duty bench start assist/charger. 30A charger, 75A jump starter. Suitable for all types of lead acid batteries. Features 9-stage charging and processor control. Powder coated steel housing. Supplied with crocodile clips and leads.

1



0-648-16

3-stage automatic 12V battery charger, 2/6/12A output. Includes LED display, fault code reading, over charge protection, fault protection and digital diagnostics. Micro control allows the unit to be left permanently connected without harming the battery. Supplied with crocodile clips and leads.

1

## Merchandising

### Durite Merchandising

Merchandising can increase the amount of customers who notice Durite products in your store increasing sales and success. Durite merchandise is of a high quality, bright, clear and will improve your customers buying experience.

#### A variety of tools available

- Stands and Display units
- Catalogue, Brochures and Flyers
- Signs and Posters



**STAND03**

Durite Red card merchandising counter stand.  
Dimensions h210 x w80mm.

1

\*Products pictured not included.



**STAND05**

Durite Counter stand for CCTV.  
Dimensions h210 x w80mm.  
**0-649-07** power pack included.

1

\*Products pictured not included.



**STAND08**

Durite Counter stand for work LED lamps  
Dimensions h210 x w80mm.  
**0-649-07** power pack included.

1

\*Products pictured not included



**STAND04**

Durite Powered counter stand  
Dimensions h210 x w80mm.  
**0-649-07** power pack included.

1

\*Products pictured not included.



## Merchandising

Product	Part No	Description	Quantity
	CATALOG04	Durite CCTV Brochure	1
	CATALOG06	Durite Mini Jump Starter Brochure	1
	CATALOG07	Durite LED Marker Lamp Brochure	1
	CATALOG08	Durite LED Interior Lamp Brochure	1
	CATALOG09	Durite Power Inverter Brochure	1
	CATALOG10	Durite 4.3" CCTV Kit	1
	CATALOG11	Durite LED work light and Blue spot light	1
	CATALOG12	Durite Beacon brochure	1
	CATALOG13	Durite LED warning lights and Portable lamp 0-429-79	1
	CATALOG14	Durite Booster cables	1
	CATALOG16	Durite LED work lamps	1
	SIGN01	Durite Aluminium composite wall sign. Dimensions 900 x 600mm	1
	SIGN02	Durite Aluminium composite wall sign. Size A4.	1
	SIGN03	Durite Cling plastic window sign. Size A4.	1
	STAND07	Short Durite White standalone merchandising stand, in powder-coated metal. Includes 1 shelf and 40 hooks. Dimensions h170 x w80mm  *Products pictured not included	1
	STAND06	Tall Durite White standalone merchandising stand in powder-coated metal. Includes 1 shelf and 50 hooks. Dimensions h210 x w80mm  *Products pictured not included	1

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# 2

## LIGHTING



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## LED Beacons

Product		Part No	Description	Quantity
	NEW	0-445-16	12V/24V single flash LED beacon with amber lens and single bolt fixing. 132 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	LED			
	R65			
	IP56	0-445-99	Replacement Lens for LED Beacon	1
	12V/24V			
	NEW	0-445-18	12V/24V single flash LED beacon with amber lens and three bolt fixing on 130mm P.C.D.. 132 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	LED			
	R65			
	IP56	0-445-99	Replacement Lens for LED Beacon	1
	12V/24V			
	NEW	0-445-70	12V/24V single flash LED beacon with amber lens and Magnetic base. 132 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	LED			
	R65			
	IP56	0-445-99	Replacement lens for LED Beacon	1
	12V/24V			
	NEW	0-445-34	12V/24V single flash LED beacon with amber lens and Flexi DIN fixing. 132 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	LED			
	R65			
	IP56	0-445-99	Replacement lens for LED Beacon	1
	12V/24V			
	NEW	0-445-77	12V-80V Mini LED beacon with amber lens and 2-bolt fixing. Double flash rate. CE approved. Protected to IP65. Ideal for warehouses, forklifts and work equipment.	1
	LED			
	IP65			
	12V-80V			

## LED Beacons

Product	Part No	Description	Quantity
	<div>LED</div> <div>12-110V</div>	<b>0-445-75</b> Mini LED beacon, 12-110V dc with polycarbonate amber lens and 2 bolt fixing, 45 quad flashes per minute, 5 high intensity LED's. l 98 x w 72 x h 130mm. CE approved.	1
		<b>0-445-76</b> A magnetic based version of above with retractable cable and cigarette lighter plug.	1
		<b>0-446-97</b> Replacement lens for the above.	1
		<b>0-446-74</b> Spare tube for both 0-446-75 and 0-446-76.	1
	<div>LED</div> <div>12-110V</div>	<b>0-445-85</b> Low profile LED beacon, 12-110V dc with polycarbonate amber lens and 3 bolt fixing, 45 quad flashes per minute, 5 high intensity LEDs. l 130 x w 130 x h 95mm. CE and ECE approved.	1
		<b>0-445-86</b> A magnetic based version of above with 6 LEDs and retractable cable and cigarette lighter plug.	1
		<b>0-445-87</b> Green LED beacon, as above.	1
		<b>0-445-97</b> Replacement amber lens for the above.	1
	<div>LED</div> <div>IP65</div> <div>12V/24V</div>	<b>0-445-11</b> 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
		<b>0-445-13</b> As above with three bolt fixing, h 143 x dia 153mm.	1
		<b>0-445-29</b> As above with flexible DIN spigot fixing, h 214 x dia 134mm.	1
		<b>0-445-65</b> As above with magnetic base (50mph), h 150 x dia 166mm.	1
		<b>0-445-90</b> Replacement amber lens for the above.	1
		<b>0-444-29</b> 12V Rotating beacon with spigot fixing and polycarbonate amber lens. Approx. 140rpm. Supplied with H1 bulb. 12V 55W. ECE R65 approved Dimensions: 130 x 130 x 235.5mm	1
		<b>0-444-01</b> 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
		<b>0-444-03</b> As above with three bolt fixing, h 143 x dia 153mm.	1
		<b>0-444-19</b> As above with flexible DIN spigot fixing, h 214 x dia 134mm.	1
		<b>0-444-55</b> As above with magnetic base (50mph), h 150 x dia 166mm.	1
		<b>0-444-90</b> Replacement amber lens for the above.	1
		<b>0-444-91</b> Replacement blue lens for the above.	1
		<b>0-444-92</b> Replacement green lens for the above.	1
		<b>0-444-93</b> Replacement red lens for the above.	1

## Rotating Beacons and Other Beacons

Product	Part No	Description	Quantity
	<b>NEW</b> R65 IP56 12V/24V	<b>0-444-21</b> 12V/24V Rotating Halogen beacon, H1 55W / H1 70W with amber lens and single bolt fixing. 160 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	<b>0-444-99</b>	Replacement lens for Halogen beacon	1
	<b>NEW</b> R65 IP56 12V/24V	<b>0-444-23</b> 12V/24V Rotating Halogen beacon, H1 55W / H1 70W with amber lens and three bolt fixing on 130mm P.C.D.. 160 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	<b>0-444-99</b>	Replacement lens for Halogen beacon	1
	<b>NEW</b> R65 IP56 12V/24V	<b>0-444-75</b> 12V/24V Rotating Halogen beacon, H1 55W / H1 70W with amber lens and Magnetic base. 160 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	<b>0-444-99</b>	Replacement lens for Halogen beacon	1
	<b>NEW</b> R65 IP56 12V/24V	<b>0-444-39</b> 12V/24V Rotating Halogen beacon, H1 55W / H1 70W with amber lens and Flexi DIN fixing. 160 single flashes per minute. ECE R65, ECE R10 and CE approved. Protected to IP56.	1
	<b>0-444-99</b>	Replacement lens for Halogen beacon	1
	<b>0-445-01</b>	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
	<b>0-445-55</b>	As above with magnetic base (70mph), h 156 x dia 200mm.	1
	<b>0-445-90</b>	Replacement amber lens for the above.	1
	<b>0-445-91</b>	Replacement blue lens for the above.	1
	<b>0-445-92</b>	Replacement green lens for the above.	1
	<b>0-445-93</b>	Replacement red lens for the above.	1



## Xenon Beacons

Product	Part No	Description	Quantity
	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
	0-446-75	Mini xenon beacon, 12-110V dc with polycarbonate amber lens and 2 bolt fixing, 70 flashes per minute, 1.7 joules. l 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 lens 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 lens and 3 bolt fixing, 70 flashes per minute, 1.7 joules. l 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 lens for the above.	1
	0-446-92	Replacement green lens for the above.	1
	0-446-84	Spare tube for both 0-446-85 and 0-446-86.	1
	0-446-95	Large xenon beacon, 12-24V dc with polycarbonate amber lens and 3 bolt fixing. 70 double or quadruple flashes per minute (programmable), 16 joules. l 164 x w 164 x h 170mm. CE approved.	1
	0-446-99	Replacement amber lens for the above.	1
	0-446-94	Spare tube for the above.	1



## Beacon Lightbars

Product	Part No	Description	Quantity
	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
 <div>LED 12V/24V</div>	0-443-20	LED light bar, 12/24V with 32 x 1W amber LEDs, rapid flash pattern. Four bolt fixing with 600mm flying lead. l 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
 <div>LED 12V-48V</div>	0-443-70	LED lightbar 12/48V with 16 head LEDs, 65 flashes per minute. Two bolt fixing. ECE and EMC approved. l 410 x w 205 x h 122.	1
	0-443-75	Magnetic version of the above, with cable and cigarette/DIN plug.	1
	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. l 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
	0-443-10	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. l 1000 x w 210 x h 140mm. ECE R65 and CE approved. Supplied without bulbs.	1
	0-443-91	Replacement amber lens for the above.	1
	0-443-12	Light bar 12/24V 1.2m. l 1200 x w 210 x h 140mm.	1
	0-443-92	Replacement amber lens for the above.	1
	0-443-15	Light bar 12/24V 1.5m. l 1500 x w 210 x h 140mm.	1
	0-443-95	Replacement amber lens for the above.	1








## LED warning lights

Product	Part No	Description	Quantity
	<b>NEW</b> <b>LED</b> <b>R65</b> <b>IP68</b> <b>12V/24V</b>	<b>0-441-00</b> 12V/24V High intensity amber 6 x 3W LED warning light unit with 20 programmable flash sequences. Can be synchronised with other units from the same family. Low profile fixing and protected to IP68. CE, ECE R65 Class 1 and SAE class 1 approved. I113 x w28.4 x h6.6mm	1
		<b>0-441-02</b> Blue version of the above.	1
		<b>0-441-05</b> Red Version of the above.	1
	<b>LED</b> <b>12V/24V</b>	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. I 99 x w 41 x h 35mm. CE and ECE approved.	
		<b>0-442-02</b> Blue LEDs	1
		<b>0-442-04</b> Green LEDs	1
		<b>0-442-05</b> Red LEDs	1
		<b>0-442-07</b> White LEDs	1
		<b>0-442-10</b> Amber LEDs	1
		<b>0-442-93</b> Black plastic bezel.	1
		<b>0-442-98</b> Black rubber through panel mount.	1
	<b>LED</b> <b>12V/24V</b>	High intensity LED horizontal warning light with chrome bezel. 12/24V 4-LED unit with 19 programmable flash sequences, can be synchronised with other units, two bolt fixing. I 122 x w 41 x h 35mm. CE and ECE approved.	
		<b>0-442-12</b> Blue LEDs	1
		<b>0-442-14</b> Green LEDs	1
		<b>0-442-15</b> Red LEDs	1
		<b>0-442-17</b> White LEDs	1
		<b>0-442-20</b> Amber LEDs	1
		<b>0-442-94</b> Black plastic bezel.	1
		<b>0-442-99</b> Black rubber through panel mount.	1
	<b>LED</b> <b>12V/24V</b>	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. I 35 x w 41 x h 99mm. CE and ECE approved.	
		<b>0-442-22</b> Blue LEDs	1
		<b>0-442-25</b> Red LEDs	1
		<b>0-442-30</b> Amber LEDs	1
		<b>0-442-93</b> Black plastic bezel.	1
		<b>0-442-98</b> Black rubber through panel mount.	1
	<b>LED</b> <b>12V/24V</b>	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. I 35 x w 41 x h 122mm. CE and ECE approved.	
		<b>0-442-32</b> Blue LEDs	1
		<b>0-442-35</b> Red LEDs	1
		<b>0-442-37</b> White LEDs	1
		<b>0-442-40</b> Amber LEDs	1
		<b>0-442-94</b> Black plastic bezel.	1
		<b>0-442-99</b> Black rubber through panel mount.	1




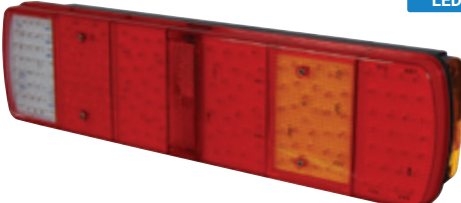



## LED warning lights | Rear combination lamps

Product	Part No	Description	Quantity
 	<div>LED</div> <div>R65</div> <div>IPX8</div> <div>12V/24V</div>	<b>0-442-11</b> High intensity, amber LED horizontal warning light with black aluminium housing. 12/24V 3 amber LED unit with 12 flash patterns. I89 x w25 x h33mm. R65 and ECE approved. Protected to IPX8	1
	<b>0-442-91</b>	Black plastic bezel for double mount. R65 class 2.	1
 	<div>LED</div> <div>R65</div> <div>IPX8</div> <div>12V/24V</div>	<b>0-442-21</b> High intensity, amber LED horizontal warning light with black aluminium housing. 12/24V 4 amber LED unit with 19 flash patterns. I110 x w25 x h33mm. R65 and ECE approved. Protected to IPX8.	1
	<b>0-442-92</b>	Black plastic bezel for double mount. R65 class 2.	1
	<div>LED</div> <div>12V/24V</div>	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. I 152 x w 31 x h 59mm. CE and ECE approved.	
	<b>0-442-52</b>	12/24V blue 6 LED	1
	<b>0-442-60</b>	12/24V amber 6 LED	1
	<b>0-442-62</b>	12/24V blue 9 LED	1
	<b>0-442-70</b>	12/24V amber 9 LED	1
	<div>NEW</div> <div>LED</div> <div>IP67</div> <div>12V/24V</div>	<b>0-767-80</b> 12V/24V LED rear lamp. Stop/tail and D.I. functions. Supplied with 230mm cable and 2 x M6 fixing bolts. 122mm diameter. ECE approved. Protected to IP67.	1
	<div>NEW</div> <div>LED</div> <div>IP67</div> <div>12V/24V</div>	<b>0-767-85</b> 12V/24V LED rear lamp. Tail/reverse and fog functions. Supplied with 230mm cable and 2 x M6 fixing bolts. 122mm diameter. ECE approved. Protected to IP67.	1

## Rear combination lamps




Product	Part No	Description	Quantity
	<b>NEW</b> <b>LED</b> <b>IP67</b>	<b>0-097-45</b> Commercial 24V LED trailer rear lamp, left hand. Stop/tail/D.I./fog/reverse/reflector and side marker functions. Also features interchangeable modules. ECE approved. Protected to IP67. I438.9 x w66.6 x h152.5mm	1
		<b>0-097-46</b> Right hand version of the above.	1
	<b>NEW</b> <b>LED</b> <b>IP67</b>	<b>0-097-40</b> Commercial 24V LED trailer rear lamp, left hand. Stop/tail/D.I./fog/reverse/reflex/reflector and side marker functions. Also features interchangeable modules. ECE approved. Protected to IP67. I457.3 x w63 x h160.9mm	1
		<b>0-097-41</b> Right hand version of the above.	1
	<b>NEW</b> <b>LED</b> <b>IP67</b> <b>12V/24V</b>	<b>0-071-50</b> 12V/24V LED Trailer rear lamp, left hand. Stop/Tail/ D.I./ Reverse/Fog and Reflex functions. 2000mm cable. ECE and R10 approved. Protected to IP67. I385 x w33.5 x h150mm.	1
		<b>0-071-51</b> Right hand version of the above.	1
	<b>NEW</b> <b>LED</b> <b>IP67</b> <b>12V/24V</b>	<b>0-300-80</b> 12V/24V LED rear lamp. Stop/tail/D.I. and reflex reflector functions. Supplied with 300mm cable and 2 x M6 fixing bolts. ECE approved. Protected to IP67. I150 x w26.5 x h80mm	1
	<b>NEW</b> <b>LED</b> <b>IP67</b> <b>12V/24V</b>	<b>0-300-20</b> 12V/24V LED rear lamp. Stop/tail/D.I./reverse and reflex reflector functions. ECE approved. Supplied with 280mm flying leads. Protected to IP67. I 129 x w 30 x h94mm	1
	<b>NEW</b> <b>LED</b> <b>IP67</b> <b>12V/24V</b>	<b>0-300-25</b> 12V/24V LED rear lamp. Stop/tail/D.I. and reflex indicator functions. ECE approved. Supplied with 280mm flying leads. Protected to IP67. I195 x w30 x h94mm	1
	<b>NEW</b> <b>LED</b> <b>IP67</b> <b>12V/24V</b>	<b>0-300-75</b> 12V/24V LED rear lamp. Stop/tail/D.I. and reflex reflector functions. ECE approved. Supplied with 400mm flying lead. Protected to IP67. I245 x w31.5 x h109mm	1

## Rear combination lamps

Product	Part No	Description	Quantity
 <div> <div>NEW</div> <div>LED</div> <div>IP67</div> </div>	<b>0-079-50</b>	24V LED Commercial rear lamp, left hand. Stop/tail/D.I./ fog/reflex reflector/ reverse and side marker functions. Low profile design. ECE approved and protected to IP67. 1450 x w38.5 x h155mm	1
	<b>0-079-51</b>	Right hand version of the above.	1
 <div> <div>NEW</div> <div>LED</div> <div>IP67</div> <div>12V/24V</div> </div>	<b>0-300-10</b>	12V/24V LED rear lamp. Stop/tail/D.I./ and reflex reflector functions. ECE approved. Supplied with 400mm flying leads. Protected to IP67. 1157.5 x w30.9 x h81.2mm	1
 <div> <div>NEW</div> <div>LED</div> <div>IP67</div> <div>12V/24V</div> </div>	<b>0-300-15</b>	12V/24V LED rear lamp, left hand. Stop/tail/D.I. and reverse functions. Supplied with 800mm flying leads. ECE approved. Protected to IP67. 1200 x w50 w h25mm	1
	<b>0-300-14</b>	Right hand version of the above.	1
 <div> <div>LED</div> </div>	<b>0-069-50</b>	Commercial rear lamp, right hand. 24V LED stop/tail/ fog/ side marker/direction indicator/reflex reflector/reverse/ number plate illumination. Supplied with 1 metre flying leads. 1 515 x w 80 x h 130mm. ECE approved.	1
	<b>0-069-51</b>	Left hand version of the above, without number plate illumination.	1
	<b>0-069-98</b>	Replacement lens for all above.	1
	<b>0-097-74</b>	Current loading ballast for 24V LED indicator lamp.	1
 <div> <div>LED</div> </div>	<b>0-085-50</b>	Commercial rear lamp, universal. 24V LED stop/tail/ fog/ direction indicator/reflex reflector/reverse, pre-wired. 1 341 x w 61 x h 132mm. ECE approved.	1
	<b>0-086-50</b>	As above with number plate lamp.	1
	<b>0-097-74</b>	Current loading ballast for 24V LED indicator lamp.	1
	<b>0-294-50</b>	Rear lamp, stop/tail/direction indicator/number plate illumination. Supplied without bulbs. 1 110 x w 55 x h 104mm. ECE and EEC approved.	1
 <div> <div>LED</div> <div>12V/24V</div> </div>	<b>0-294-75</b>	Rear lamp, 12/24V LED, stop/tail/direction indicator. 1 95 x w 32 x h 95mm. ECE and EEC approved.	1
	<b>0-097-62</b>	Current loading ballast for 12V LED indicators.	1
	<b>0-097-74</b>	Current loading ballast for 24V LED indicators.	1



## Rear combination lamps

Product	Part No	Description	Quantity
	<b>LED</b> <b>0-300-75</b> <b>12V/24V</b>	Rear lamp, 12/24V LED, stop/tail/direction indicator/ reflex reflector. I 291 x w 31 x h 105mm. ECE approved.	1
	<b>0-097-62</b>	Current loading ballast for 12V LED indicator lamp.	1
	<b>0-097-74</b>	Current loading ballast for 24V LED indicator lamp.	1
	<b>LED</b> <b>0-300-50</b> <b>12V/24V</b>	Rear lamp, 12/24V LED, stop/ tail/ direction indicator/ reflex reflector. I 170 x w 33 x h 92mm. ECE approved.	1
	<b>0-097-62</b>	Current loading ballast for 12V LED indicator lamp.	1
	<b>0-097-74</b>	Current loading ballast for 24V LED indicator lamp.	1
	<b>LED</b> <b>0-097-60</b> <b>12V/24V</b>	Commercial rear lamp, 12/24V LED, universal fitting. Stop/tail/direction indicator. 140mm dia. x w 82mm. ECE approved.	1
	<b>0-097-98</b>	Mounting bezel for surface mounting of the above.	1
	<b>0-097-70</b>	Commercial rear lamp, 24V LED, universal fitting. Stop/ tail/direction indicator. 140mm dia x w 80mm. ECE approved.	1
	<b>0-097-62</b>	Current loading ballast for 12V LED indicators.	1
	<b>0-097-74</b>	Current loading ballast for 24V LED indicators.	1
 	<b>LED</b> <b>0-767-60</b> <b>IP67</b> <b>12V/24V</b>	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
	<b>0-767-70</b>	Tail/fog/reverse version of above.	1
	<b>0-767-97</b>	Mounting bezel for the above, 30mm deep	1
	<b>LED</b> <b>0-294-70</b>	Trailer rear lamp, 12V LED with bulb type Fog lamp, right hand. stop/tail/fog/direction indicator/reflex reflector. I 157 x w 54 x h 217mm. ECE approved.	1
	<b>0-294-71</b>	Left hand version of the above.	1
	<b>0-097-62</b>	Current loading ballast for 12V LED indicators.	1
  	<b>0-076-00</b>	Commercial rear lamp, right hand. Stop/tail/direction indicator/fog. Supplied without bulbs. Replaces Iveco 50, 55, 65, 75, 80, 90 Daily. I 300 x w 105 x h 128mm. ECE approved.	1
	<b>0-076-01</b>	Left hand version of above with reverse lamp.	1
	<b>0-077-00</b>	Lamp right hand as above for Iveco Eurocargo.	1
	<b>0-077-01</b>	Left hand version of above with reverse lamp.	1
	<b>0-076-98</b>	Replacement lens for right hand lamps with fog lamp.	1
	<b>0-076-99</b>	Replacement lens for left hand lamps with reverse lamp.	1







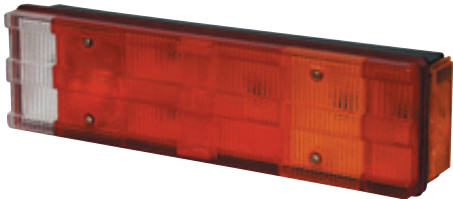





Daily




Eurocargo

## 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. l 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 Schlemmer connector.	1
	0-072-03	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 lens 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
	0-072-98	Replacement lens for MAN and Iveco lamps 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 lens for DAF II, MAN II, R II lamps above.	1
      Schlemmer Volvo DAF Iveco MAN MAN II			
	0-069-00	Commercial rear lamp, right hand. Stop/tail/fog/side marker/direction indicator/reflex reflector/reverse/number plate illumination. Supplied without bulbs. l 515 x w 80 x h 130mm. ECE approved. Application Scania.	1
	0-069-01	Left hand version of the above.	1
	0-069-99	Replacement lens 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. l 464 x w 88 x h 130mm. ECE approved.	1
	0-073-01	Left hand version of the above without n/p illumination.	1
	0-073-99	Replacement lens 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. l 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 lens for right hand of all above.	1
	0-074-99	Replacement lens for left hand of all above.	1
  Actros SK			










## 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. I 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 lens for above.	1
	0-097-00	Commercial rear lamp, universal fitting. Stop/tail/direction indicator/number plate illumination. Supplied without bulbs. I 140mm dia x w 80mm. ECE approved.	1
	0-097-50	As above but without number plate illumination.	1
	0-097-99	Replacement lens for both above.	1
 	0-077-02	Commercial rear lamp, right hand. Stop/tail/direction indicator/fog/reflex reflector/reverse. Supplied without bulbs. Replaces Iveco Daily, 6 pin plug. I 303 x w 85 x h 130. ECE approved.	1
	0-077-03	Left hand version of above lamp.	1
	0-077-98	Replacement lens for right hand lamp.	1
	0-077-99	Replacement lens for left hand lamp.	1
	0-639-50	Commercial rear lamp lens, universal. Stop/single tail/direction indicator/fog/reflex reflector. Replaces Ford and Leyland. I 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
 	0-295-00	Waterproof rear lamp, stop/tail/direction indicator/reflex reflector. Protected to IP67. Supplied with 12V bulbs and waterproof cable gland. I 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
	0-294-00	Rear lamp, stop/tail/direction indicator/number plate illumination. Supplied without bulbs. I 124 x w 54 x h 124mm. ECE and EEC approved.	1
	0-294-99	Replacement lens for above.	1
	0-300-00	Rear lamp, stop/tail/direction indicator/number plate illumination. Supplied with 12V bulbs. I 167 x w 50 x h 82.5mm. EEC approved.	1
	0-300-97	Replacement lens for above.	1





## Rear combination lamps

Product	Part No	Description	Quantity
	0-071-00	Commercial rear lamp, universal. Stop/tail/direction indicator/fog/reverse/number plate illumination, pre-wired. Supplied without bulbs. I 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 lens with reflex reflector.	1
	0-071-99	Replacement lens without reflex reflector.	1
	0-085-00	Commercial rear lamp, right hand. Stop/tail/fog/direction indicator/reflex reflector/reverse/number plate illumination. Suitable replacement for MAN. I 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 lens 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. I 418 x w 90 x h 148mm. ECE approved.	1
	0-080-98	Replacement lens for above.	1
	0-080-01	Left hand version of the above.	1
	0-080-99	Replacement lens for above.	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
	0-098-00	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




## Stop and tail lamps

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

## Direction indicator lamps

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

## Rear fog lamps

Product	Part No	Description	Quantity
	<div>LED</div> <div>12V/24V</div>	<b>0-097-78</b> Commercial 12/24V LED rear fog lamp with stud fixing. Black plastic body. 141mm dia x d 88mm. ECE approved	1
		<b>0-097-98</b> Mounting bezel for surface mounting of the above LED version, 20mm deep.	1
	<div>LED</div>	<b>0-767-56</b> Rear 12V LED fog lamp with 'Econoseal' plug. Supplied with sealing gasket. 95mm dia, requires connector 0-012-52. ECE approved.	1
	<div>LED</div>	<b>0-767-66</b> 24V LED version of the above.	1
		<b>0-767-06</b> Rear fog lamp with 'Econoseal' plug. Supplied with 12V 21W SCC bulb and sealing gasket. 95mm dia, requires connector 0-012-52. ECE approved.	1
		<b>0-767-99</b> Optional mounting bezel for all of above, 24mm deep.	1
		<b>0-767-16</b> Rear fog lamp with optically textured reflector, plug and sealing gasket, 95mm dia, requires connector 0-012-92. Supplied without bulb. Protected to IP67. ECE approved.	1
		<b>0-767-99</b> Optional mounting bezel for above, 24mm deep.	1
		<b>0-064-02</b> Rear fog lamp with adjustable fixing bolt. Supplied without SCC bulb. l 146 x w 79 x h 70mm. ECE and EEC approved.	1
		<b>0-063-02</b> Rear fog lamp, surface mount, with adjustable pad to vary angle. Supplied without SCC bulb. l 106 x w 57 x h 98mm. ECE and EEC approved.	1
		<b>0-063-99</b> Replacement lens for the above.	1



## Reversing lamps

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

## High level stop lamps | Front marker lamps | Side lamps

Product	Part No	Description	Quantity
	<b>LED</b> 0-099-02	Universal high level 12V LED adhesive stop light, for high rake rear screens. Supplied with cable. l 210 x w 80 x h 47mm. ECE approved.	1
	<b>LED</b> 0-099-50	Universal high level 12V LED stop lamp, for rear parcel shelf or spoiler. l 320 x w 36 x h 20mm. ECE approved.	1
	0-311-00	Front side lamp and direction indicator. Supplied without bulbs. l 180 x w 51.5 x h 60mm. ECE approved.	1
	0-311-99	Replacement lens 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 'Econoseal' plug. Supplied with 12V 5W SCC bulb, 73.5mm dia, requires 'Econoseal' female connector 0-012-52. Replaces Land Rover AMR 6514. ECE approved.	1
	0-769-06	Front side lamp with 'Econoseal' plug. Supplied with 12V 5W SCC bulb and gasket, 95mm dia. x l 91mm, requires 'Econoseal' 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 lens 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 lens for the above.	1



## Bulb and LED number plate lamps

Product	Part No	Description	Quantity
	<b>NEW</b> 0-453-70 LED IP67 12V/24V	12V/24V Black plastic number plate lamp. ABS housing with polycarbonate lens. Protected to IP67. ECE approved. 1120 x w58.5 x h45mm	1
	<b>NEW</b> 0-453-80 LED 12V/24V	12V/24V Small black plastic LED Universal number plate lamp. ECE approved. 193 x w30 x h47mm	1
	LED 0-453-04 12V/24V	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
	LED 0-453-75 12V/24V	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
	0-453-01	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
			

## LED marker lamps

Product	Part No	Description	Quantity
	<div>NEW</div> <div>LED</div> <div>IP67</div>	0-171-30 24V LED Amber side marker lamp with reflex reflector and plug. Protected to IP67. ECE approved. l130 x w13 x h34.7mm	1
		0-171-25 Red version of the above	1
		0-171-20 Clear version of the above	1
	<div>LED</div> <div>12V/24V</div>	0-170-30 Amber LED side marker lamp, 12/24V, with leads. l 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
	<div>LED</div> <div>12V/24V</div>	0-170-10 Amber LED side marker lamp, with 'Superseal' plug, 12/24V, requires connector 0-011-62. l 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
	<div>LED</div> <div>12V/24V</div>	0-170-70 Amber LED side marker lamp, 12/24V, with leads. l 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
	<div>LED</div>	0-170-55 Red LED rear marker lamp, 24V with leads, pushes into 21mm hole. l 46 x w 26 x h 46mm. ECE approved.	1
		0-170-50 Clear front LED marker version of above.	1






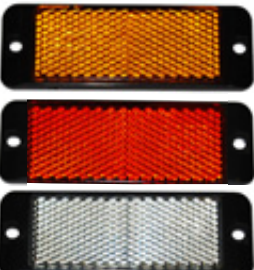
## LED marker lamps

Product	Part No	Description	Quantity
	<b>LED</b> 0-168-60	24V LED amber side marker lamp, with reflex reflector and 'Superseal' plug, requires connector 0-011-62. l 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
	<b>LED</b> 0-167-60	24V LED amber side marker lamp, with reflex reflector and leads. l 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
	<b>LED</b> 0-169-60	24V LED amber side marker lamp, with reflex reflector and screw cable connections. l 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
	<b>LED</b> <b>IP67</b> <b>12V/24V</b> 0-171-10	12/24V LED amber marker lamp, with reflex reflector and 'Superseal' plug, requires connector 0-011-62. Protected to IP67. l 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

## LED outline marker lamps







Product	Part No	Description	Quantity
 <div> NEW LED IP68 12V/24V </div>	0-172-20	Red and White 12V/24V LED outline marker lamp with universal fitting short straight arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I90 x w32 x h85mm	1
 <div> NEW LED IP68 12V/24V </div>	0-172-25	Red and White 12V/24V LED outline marker lamp with universal fitting long straight arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I131 x w32 x h85	1
 <div> NEW LED IP68 12V/24V </div>	0-172-31	Red and White 12V/24V LED outline marker lamp, left hand angled short arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I109 x w32 x h138mm	1
	0-172-30	Right Hand version of the above.	1
 <div> NEW LED IP68 12V/24V </div>	0-172-36	Red and White 12V/24V LED outline marker lamp, left hand angled long arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I168 x w32 x h134mm	1
	0-172-35	Right hand version of the above.	1
 <div> NEW LED IP68 12V/24V </div>	0-172-41	Red and White 12V/24V LED outline marker lamp, left hand short bent arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I146 x w32 x h145mm	1
	0-172-40	Right Hand version of the above.	1
 <div> NEW LED IP68 12V/24V </div>	0-172-46	Red and White 12V/24V LED outline marker lamp, left hand long bent arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. I182 x w32 x h143mm	1
	0-172-45	Right Hand version of the above.	1

## LED outline marker lamps | Reflectors

Product		Part No	Description	Quantity
	<div>NEW</div> <div>LED</div> <div>IP68</div> <div>12V/24V</div>	0-172-76	Red, White and Amber 12V/24V LED outline triple marker lamp, left hand long arm. Supplied with 50cm flying leads. Protected to IP68. ECE approved. l179 x w42 x h167mm	1
		0-172-75	Right Hand version of the above.	1
	<div>NEW</div> <div>LED</div> <div>IP68</div> <div>12V/24V</div>	0-172-70	Red, White and Amber 12V/24V LED universal outline triple marker lamp. Supplied with 50cm flying leads. Protected to IP68. ECE approved. l106 x w42 x h86mm	1
	LED	0-172-00	Red and white LED outline marker lamp, 24V, universal. l 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. l 83 x w 68 x h 100mm. EEC and ECE approved.	1
	LED	0-172-50	Red and white LED outline marker lamp, right hand, 24V. l 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. l 191 x w 68 x h 130mm. EEC and ECE approved.	1
	LED	0-172-60	Red and white LED outline marker lamp, right hand, 24V. l 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. l 191 x w 68 x h 170mm. EEC and ECE approved.	1
	NEW	0-665-20	Red reflex reflector. 2 x 5mm screw holes. ECE approved. Ideal for vehicles fitted with 95mm diameter lights. 95mm diameter	1
	NEW	0-505-30	Amber Reflector with black frame. Acrylic lens. 2 x 4mm screw holes. ECE approved. l85 x w31 x h5.5mm	10
		0-505-25	Red version of above	10
		0-505-20	Clear version of above	10



## Reflectors

Product	Part No	Description	Quantity
	0-229-00	Moulded acrylic, red reflex reflector, two hole fixing. I 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. I 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. I 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
	0-507-10	Moulded acrylic, amber reflex reflector, two hole fixing on a black polypropylene base. I 91 x w 40 x h 5mm. ECE approved.	10
	5-507-10	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
	0-665-55	Moulded red reflex reflector, self-adhesive back, 80mm dia. ECE approved.	10
	5-665-55	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

## Work lamps








Product	Part No	Description	Quantity
 <div> NEW LED 1500 Lm IP68 12V/24V </div>	0-420-78	A compact 12V/24V work lamp. 1500 Lumens, 6 x 3W CREE LEDs. Black powder coated die cast aluminium case, polycarbonate lens supplied with stainless steel adjustable bracket. Protected to IP68. CE Approved. I76 x w42 x h90mm	1
 <div> NEW LED 7050 Lm IP67 12V/24V </div>	0-420-82	A very powerful 6in 12V/24V LED work lamp. 7050Lumens, 9 x 10W CREE LEDs 6000K. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket supplied with 400mm flying leads. Protected to IP67. EMC and CE Approved. I145 x w115 x h147mm	1
 <div> NEW LED 1000 Lm IP68 10V-60V </div>	0-420-75	10V-60V, 2 x 5W CREE LED work lamp emitting a blue super spotlight ideal for forklifts. 1000 lumens. Diecast aluminium housing, supplied with stainless steel bracket. Protected to IP68. CE approved. I98 x w80 x h70mm	1
 <div> NEW LED 2600 Lm IP67 12V/24V </div>	0-420-79	A powerful 12V/24V LED work lamp. 2600 Lumens, 12 x 3W LEDs. Black powder coated die cast aluminium case, PMMA lens, supplied with magnet base, handle, switch, cable and cigarette plug. Protected to IP67. Diameter 140mm, Depth 70mm	1
 <div> LED 800 Lm IP67 12V/24V </div>	0-420-50	A powerful, compact single 10W 12/24V LED work lamp. Low current draw, 0.7A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and flying lead, sealed connector socket/plug. The lamp can be linked with additional units. Protected to IP67. I 51 x w 61 x h 82mm.	1
 <div> LED 800 Lm IP67 12V/24V </div>	0-420-52	A powerful, compact single 10W 12/24V LED work lamp. Low current draw, 0.7A at 12V dc. White powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and flying lead, sealed connector socket/plug. The lamp can be linked with additional units. Protected to IP67. I 51 x w 61 x h 82mm.	1
 <div> LED 750 Lm IP67 10V-60V </div>	0-420-56	A powerful, compact single 10W 10-60V CREE LED work lamp. Low current draw, 0.7A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and flying lead. Protected to IP67. I 57 x w 65 x h 85mm.	1



## Work lamps

Product	Part No	Description	Quantity
	<div>LED</div> <div>1700 Lm</div> <div>IP68</div> <div>12V/24V</div>	<b>0-420-54</b> 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. I 76 x w 60 x h 83mm.	1
	<div>LED</div> <div>1733 Lm</div> <div>IP68</div> <div>12V/24V</div>	<b>0-420-58</b> 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. I 103 x w 105 x h 98mm.	1
	<div>LED</div> <div>2000 Lm</div> <div>IP67</div> <div>10V-60V</div>	<b>0-420-61</b> A powerful 2 x 10W 10-60V LED work lamp. Black powder coated die cast aluminium case with a polycarbonate lens. 2000 lumens. Protected to IP67. I 98 x w 80 x h 70mm.	1
	<div>LED</div> <div>1000 Lm</div> <div>IP67</div> <div>10V-60V</div>	<b>0-420-60</b> A powerful 2 x 5W 10-60V LED work lamp. Black powder coated die cast aluminium case with a polycarbonate lens. 1000 lumens. Protected to IP67. I 98 x w 80 x h 70mm.	1
	<div>LED</div> <div>900 Lm</div> <div>IP67</div> <div>12V/24V</div>	<b>0-420-68</b> A powerful 4 x 3W 12/24V LED work lamp. Low current draw, 1A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket, magnetic base and 2.5 metre working length retractable cable with a cigarette lighter plug. Protected to IP67. I 82 x w 71 x h 114mm.	1
	<div>LED</div> <div>900 Lm</div> <div>IP67</div> <div>12V/24V</div>	<b>0-420-69</b> A powerful 4 x 3W 12/24V LED work lamp. Low current draw, 1A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and 450mm flying lead. Protected to IP67. I 83 x w 78 x h 116mm.	1

## Work lamps

Product	Part No	Description	Quantity
 <div> NEW LED 1150 Lm IP67 </div>	0-541-30	5x3W Epistar LED Rechargeable Li-ion Work light comes with handle and powerful magnetic base. 3 alternative light modes, full, half and SOS. Supplied with 230V UK charger and 12V cigarette plug charger. Protected to IP67. 1150 Lumens. 5V 2.1A USB port for external charging of mobile phone etc... Colour Temperature 6000K. CE approved. 185 x w40 x h190mm	1
 <div> LED 3500 Lm IP67 12V/24V </div>	0-420-73	A powerful 4 x 10W 10-30V CREE LED work lamp. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel bracket. 3500 lumens. Protected to IP67. 190 x w 127 x h 160mm.	1
 <div> LED 1500 Lm IP67 12V/24V </div>	0-420-64	A powerful 5 x 3W 12/24V LED work lamp. Low current draw, 1.25A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and 450mm flying lead. Protected to IP67. 110 x w 53 x h 142mm.	1
 <div> LED 1800 Lm IP67 12V/24V </div>	0-420-65	A powerful 6 x 3W 12/24V LED work lamp. Low current draw, 1.5A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and 450mm flying lead. Protected to IP67. 115 x w 52 x h 140mm.	1
 <div> LED 2150 Lm IP67 12V/24V </div>	0-420-66	A powerful 9 x 3W 12/24V LED work lamp. Low current draw, 1.75A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and 2.5m flying lead. Protected to IP67. 110 x w 56 x h 135mm.	1
 <div> LED 2150 Lm IP67 12V/24V </div>	0-420-67	A powerful 9 x 3W 12/24V LED work lamp. Low current draw. 1.75A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and 2.5m flying lead. Protected to IP67. 116 x w 59 x h 135 mm.	1
 <div> LED 3800 Lm IP67 12V/24V </div>	0-420-76	A powerful 16 x 3W 10-30V CREE LED work lamp. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel bracket. 3800 lumens. Protected to IP67. 188 x w 125 x h 180mm.	1







## Work lamps

Product	Part No	Description	Quantity
 <div> <div>LED</div> <div>1350 Lm</div> <div>IP67</div> <div>12V/24V</div> </div>	<b>0-420-71</b>	A powerful 6 x 3W 12/24V LED work lamp. Low current draw, 1.4A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and 450mm flying lead. Protected to IP67. l 110 x w 56 x h 85mm.	1
	<b>0-420-97</b>	Extended bracket for vertical mount.	1
 <div> <div>LED</div> <div>1350 Lm</div> <div>IP67</div> <div>12V/24V</div> </div>	<b>0-420-72</b>	A powerful 6 x 3W 12/24V LED work lamp. Low current draw, 1.4A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket, magnetic base and 2.5 metre working length retractable cable with a cigarette lighter plug. Protected to IP67. l 112 x w 55 x h 105mm.	1
 <div> <div>LED</div> <div>2000 Lm</div> <div>IP67</div> <div>12V/24V</div> </div>	<b>0-420-80</b>	A powerful 10 x 3W 12/24V LED work lamp. Low current draw, 2.5A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and 350mm flying lead. Protected to IP67. l 220 x w 74 x h 77mm.	1
 <div> <div>LED</div> <div>1150 Lm</div> <div>IP67</div> <div>12V/24V</div> </div>	<b>0-420-63</b>	A powerful, compact 5 x 3W 12/24V LED work lamp. Low current draw, 1.2A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and 350mm flying lead. Protected to IP67. l 145 x w 78 x h 50mm.	1
 <div> <div>LED</div> <div>2700 Lm</div> <div>IP67</div> <div>10V-60V</div> </div>	<b>0-420-92</b>	A powerful 4 x 10W, 10-60V CREE LED work lamp. Black powder coated die cast aluminium case, polycarbonate lens. 2700 lumens. Protected to IP67. l 95 x w 203 x h 73mm.	1
 <div> <div>LED</div> <div>4050 Lm</div> <div>IP67</div> <div>12V/48V</div> </div>	<b>0-420-90</b>	A very powerful 6 x 10W 12/24V CREE LED flood light bar. Black die cast aluminium housing with polycarbonate lens, 2 bolt tilt fixing bracket and flying lead with sealed connector socket/plug. Protected to IP67. l 235 x w 95 x h 73mm	1
	<b>0-420-00</b>	A compact black plastic work lamp with glass lens and integral plug connector on a steel base. Single hole fixing. Supplied without H3 bulb. l 112 x w 97 x h 115mm.	1
	<b>0-420-99</b>	Wiring loom 2 metres long with two pole plug.	1
	<b>0-420-10</b>	Small rectangular work lamp with plastic body and glass lens. Supplied without H3 bulb. Single hole fixing. l 137 x w 65 x h 75mm.	1

## Work lamps

Product	Part No	Description	Quantity
	0-423-00	Rectangular work lamp incorporating a sealed glass lens and double reflector to accommodate two H3 bulbs which are not included. Four hole fixing bracket. l 156 x w 127 x h 160mm.	1
	0-538-82	Rectangular work lamp with plastic body and grill. with glass lens. Four hole fixing bracket. Supplied without H3 bulb. l 158 x w 73 x h 166mm.	1
	0-420-20	Rectangular work lamp with plastic body and glass lens. Supplied without H3 bulb. Single hole fixing. l 155 x w 86 x h 94mm.	1
	0-420-01	Worklamp with white water proof plastic body. Stainless steel single bolt fixing. With rubber anti-vibration bush on base and integral two pin plug connector. Supplied without H3 bulb. l 112 x w 97 x h 115mm.	1
	0-420-99	Wiring loom 2 metres long with two pole plug.	1
	0-423-50	Worklamp with white water proof plastic body. Stainless steel single bolt fixing. Supplied without H3 bulb. l 154 x w 95 x h 93mm.	1
	0-538-01	Work lamp with black plastic body and polycarbonate lens, mounted on a metal base. Integral toggle switch with rubber cover. Supplied without H3 bulb. 130mm dia. 55W max. l 147 x w 110 x h 215mm.	1
	0-420-40	Rectangular work lamp with black plastic body and glass lens. Supplied without H3 bulb. Single bolt fixing. l 139 x w 95 x h 139mm.	1

## Work lamps

Product	Part No	Description	Quantity
	0-538-00	Work lamp with black plastic body and glass lens, mounted on a metal base. Integral rocker switch with PVC cover. Suitable for food industry with P/C lens and plastic body. Supplied without H3 bulb. 147mm dia. l 162 x w 120 x h 255mm.	1
	0-425-00	Work lamp with black rubber body, glass lens and single fixing bracket. Supplied without H3 bulb. 132mm dia. l 164 x w 101 x h 171mm.	1
	0-425-01	Compact work lamp with black rubber body, glass lens and single fixing bracket. Supplied without H3 bulb. 110mm dia. l 130 x w 78 x h 154mm.	1
	0-539-20	Work lamp with black painted metal body and single fixing bracket. Supplied without H3 bulb. 140mm dia. l 162 x w 99 x h 168mm.	1
	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. l 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. l 180 x w 77 x h 212mm.	1
	0-538-99	Replacement light unit for the above.	1

## Work lamps | Spot lamps

Product	Part No	Description	Quantity
	<b>0-538-12</b>	Work lamp with black plastic body and glass lens, mounted on a steel base, with integral rotary switch. Supplied without H3 bulb. 147mm dia. l 180 x w 77 x h 212mm.	1
	<b>0-538-99</b>	Replacement light unit for the above.	1
	<b>0-538-55</b>	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. l 200 x w 77 x h 212mm.	1
	<b>0-538-99</b>	Replacement light unit for the above.	1
	<b>0-538-56</b>	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. l 162 x w 145 x h 245mm.	1
	<b>0-420-05</b>	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
	<b>0-420-51</b>	<div>LED</div> <div>800 Lm</div> <div>IP67</div> <div>12V/24V</div> A powerful, compact single 10W 12/24V LED spot lamp. Low current draw, 0.7A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and flying lead, sealed connector socket/plug. The lamp can be linked with additional units. Protected to IP67. l 51 x w 61 x h 82mm.	1
	<b>0-420-53</b>	<div>LED</div> <div>800 Lm</div> <div>IP67</div> <div>12V/24V</div> A powerful, compact single 10W 12/24V LED spot lamp. Low current draw, 0.7A at 12V dc. White powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and flying lead, sealed connector socket/plug. The lamp can be linked with additional units. Protected to IP67. l 51 x w 61 x h 82mm.	1



## Spot lamps

Product	Part No	Description	Quantity
	<div>LED</div> <div>750 Lm</div> <div>IP67</div> <div>10V-60V</div>	<b>0-420-57</b> A powerful, compact single 10W 10-60V CREE LED spot lamp. Low current draw, 0.7A at 12V dc. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel adjustable bracket and flying lead. Protected to IP67. l 57 x w 65 x h 85mm.	1
	<div>LED</div> <div>1700 Lm</div> <div>IP68</div> <div>12V/24V</div>	<b>0-420-55</b> A powerful 25W 9-36V CREE LED spot lamp. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel bracket. 1700 lumens. Protected to IP68. l 76 x w 60 x h 83mm.	1
	<div>LED</div> <div>1700 Lm</div> <div>IP68</div> <div>12V/24V</div>	<b>0-420-59</b> A powerful 25W 9-36V CREE LED spot lamp. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel bracket. 1700 lumens. Protected to IP68. l 103 x w 105 x h 98mm.	1
	<div>LED</div> <div>3800 Lm</div> <div>IP67</div> <div>12V/24V</div>	<b>0-420-77</b> A powerful 16 x 3W 10-30V CREE LED spot lamp. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel bracket. 3800 lumens. Protected to IP67. l 88 x w 125 x h 180mm.	1
	<div>LED</div> <div>2700 Lm</div> <div>IP67</div> <div>10V-60V</div>	<b>0-420-93</b> A powerful 4 x 10W, 10-60V CREE LED spot lamp. Black powder coated die cast aluminium case, polycarbonate lens, supplied with stainless steel bracket. 2700 lumens. Protected to IP67. l 95 x w 203 x h 73mm.	1
	<div>LED</div> <div>4050 Lm</div> <div>IP67</div> <div>12V/24V</div>	<b>0-420-91</b> A very powerful 6 x 10W 12/24V CREE LED spot light bar. Black die cast aluminium housing with polycarbonate lens, 2 bolt tilt fixing bracket and flying lead with sealed connector socket/plug. Protected to IP67. l 235 x w 95 x h 73mm	1
		<b>0-537-62</b> Spot lamp with white plastic body and glass lens, mounted on a steel base, with integral rotary switch. Supplied without H3 bulb, 147mm dia. l 180 x w 77 x h 212mm.	1
		<b>0-537-99</b> Replacement light unit for the above.	1



## Spot lamps

Product	Part No	Description	Quantity
	0-537-12	Spot lamp with black plastic body and glass lens, mounted on a steel base, with integral rotary switch. Supplied without H3 bulb, 147mm dia. l 180 x w 77 x h 212mm.	1
	0-537-99	Replacement light unit for the above.	1
	0-537-55	Spot lamp with black 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. l 180 x w 77 x h 200mm.	1
	0-537-99	Replacement light unit for the above.	1
	0-421-00	Black 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. l 158 x w 127 x h 160mm.	1
	0-538-53	A powerful 35W 12/24V HID Xenon work lamp with internal ballast. Black nylon plastic body and a glass lens with stainless steel bracket and 250mm flying lead. Supplied with Xenon bulb. Protected to IP65. l 120 x w 135 x h 160mm.	1
	0-537-72	A very powerful 55W 12V HID Xenon search light with internal ballast. Black 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. l 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 flat glass lens dip/beam and sidelight housed in a black rubber body with single fixing bracket. P43t and Ba9s bulbs not supplied. l 160 x w 120 x h 175mm.	1



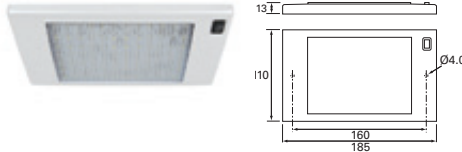
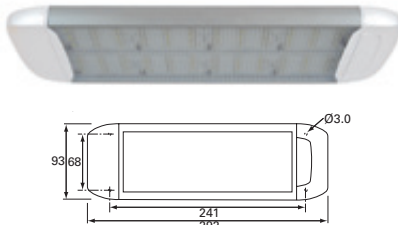
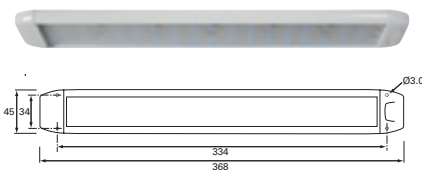
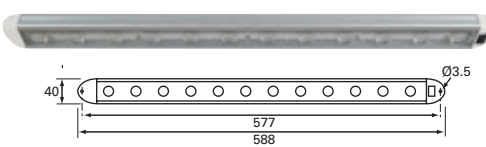

## Headlamps | Awning lamps

Product	Part No	Description	Quantity
	0-422-50	Headlamp unit, 7" domed lens dip/beam with sidelight, P43t and Ba9s bulbs not supplied. ECE approved.	1
	0-422-51	As above with 7" flat lens.	1
	0-422-75	Headlamp unit, 5 3/4" flat raised lens dip/beam with sidelight, 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 headlamp 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. l 156 x w 143 x h 170mm. ECE approved.	1
	0-424-00	Headlamp unit with moulded housing incorporating direction indicator and a 5 3/4" headlight unit with side light. Single bolt fixing. P43t and Ba9s bulbs not supplied. l 155 x w 132 x h 212mm. ECE approved. Replaces JCB 700/17900 & Case E46742.	1
	0-424-98	Replacement lens for direction indicator.	1
	0-537-51	Commercial vehicle driving lamp with sidelight, chromium plated steel body, glass lens and chromium plated bezel. Supplied without H3 bulb. l 200 x w 100 x h 260mm. ECE and EEC approved.	1
 <div>LED</div>	0-668-48	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 in-line switch and cigarette lighter plug. Can be daisy chained to additional units. CE approved. l 515 x w 19 x h 10mm.	1
 <div>LED IP66</div>	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. l 256 x w 25 x h 30mm.	1
	0-668-47	Longer version of above with 24 LEDs, length 456mm.	1
 <div>LED IP65</div>	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. l 325 x w 100 x h 35mm.	1
 <div>LED 400 Lm 12V/24V</div>	0-668-66	10-30V, 6-LED exterior lamp. Polycarbonate housing and lens. Approximately 400 lumens. l 202 x w 72 x h 35mm.	1





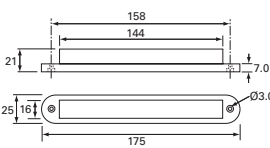

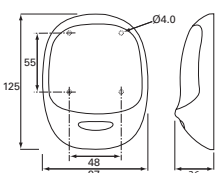
## LED interior lamps

Product	Part No	Description	Quantity
	<b>NEW</b> <b>LED</b> <b>R10</b> <b>410 Lm</b> <b>12V/24V</b>	<b>0-668-06</b> Slim 12V/24V LED circular roof lamp. 21 bright white SMD LEDs, white plastic bezel. 410 Lumens and protected to IP67. EMC R10 approved. Diameter 155mm, Depth 15.7mm	1
		<b>0-668-99</b> White plastic mounting bezel for the above	1
	<b>NEW</b> <b>LED</b> <b>R10</b> <b>665 Lm</b> <b>IP67</b> <b>12V/24V</b>	<b>0-668-11</b> Slim 12V/24V LED Roof Lamp. 10 SMD LEDs, 665 Lumens, white plastic bezel. Protected to IP67. EMC R10 approved. Diameter 75mm, Depth 8.7mm	1
	<b>NEW</b> <b>LED</b> <b>R10</b> <b>1400 Lm</b> <b>IP67</b> <b>12V/24V</b>	<b>0-668-18</b> Slim 12V/24V LED roof lamp with built-in PIR sensor, 21 bright white SMD LEDs, white plastic bezel. 1400 Lumens and protected to IP67. EMC R10 approved. Diameter 160.2mm, Depth 14.1mm	1
		<b>0-668-99</b> White plastic mounting bezel for the above	1
	<b>LED</b> <b>12V/24V</b>	<b>0-668-40</b> Slim 12/24V LED roof lamp, 72 bright white LEDs, surface mounting, in white plastic, splashproof. CE approved. 197 Diameter. 197mm dia x h 10mm	1
	<b>LED</b> <b>12V/24V</b>	<b>0-668-30</b> Slim 12/24V LED roof lamp, with integral switch, 96 bright white LEDs and 6 red LED night light facility, surface mounting, in white plastic. l 175 x w 175 x h 9.0mm	1
	<b>LED</b> <b>12V/24V</b>	<b>0-668-14</b> Slim 12/24V roof lamp, 120 white LEDs, surface mount. White polycarbonate housing and lens with integral rocker switch and flying leads. l 129 x w 77 x h 21mm.	1
	<b>LED</b> <b>340 Lm</b> <b>12V/24V</b>	<b>0-668-13</b> Small 12/24V round LED interior lamp. 117 white LEDs, surface mount, white polycarbonate housing and lens with integral rocker switch and flying leads. 340 lumens. 107mm dia x h 23mm.	1
	<b>LED</b> <b>IP66</b> <b>12V/24V</b>	<b>0-668-10</b> Slim 12/24V LED roof lamp, 72 bright white LEDs, surface mounting, in white plastic. Protected to IP 66. CE approved. 129mm dia x h 9mm.	1

## Interior lamps





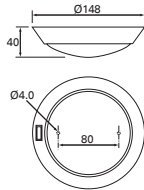

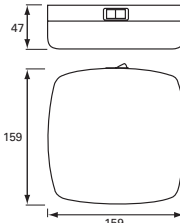

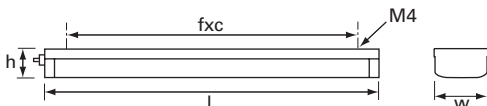

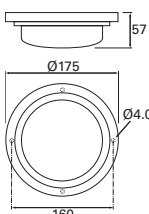
Product	Part No	Description	Quantity
	<b>NEW</b>	<b>0-668-32</b> 12V/24V LED roof lamp. 18 white LEDs, aluminium base. 210 Lumens. l160 x w40 x h24mm	<b>1</b>
	<b>LED</b>		
	<b>210 Lm</b>		
	<b>12V/24V</b>		<b>1</b>
	<b>430 Lm</b>	<b>0-668-33</b> 36 LEDs, 430 Lumens. l260 x w40 x h24mm	
	<b>1120 Lm</b>	<b>0-668-34</b> 94 LEDs, 1120 Lumens. l560 x w40 x h24mm	<b>1</b>
	<b>NEW</b>	<b>0-668-80</b> Slim 12V/24V LED linear roof lamp with integral switch, 18 SMD LEDs, white bezel. 1200 Lumens and protected to IP67. EMC R10 approved and comes with a 100mm cable. l400 x w25 x h17mm	<b>1</b>
	<b>LED</b>		
	<b>R10</b>		
	<b>1200 Lm</b>		
	<b>IP67</b>		
	<b>12V/24V</b>		
	<b>600 Lm</b>	<b>0-668-81</b> As above, 9 SMD LEDs, 600 lumens. l245.1 x w25 x h17mm	<b>1</b>
	<b>LED</b>	<b>0-668-15</b> Slim 12/24V LED roof lamp, with integral switch, 84 bright white LEDs and 12 red LED night light facility, surface mounting, in white plastic. CE approved.	<b>1</b>
	<b>12V/24V</b>		
	<b>LED</b>	<b>0-668-25</b> Slim 12/24V LED roof lamp with integral switch, 96 bright white LEDs, surface mounting, aluminium body with white plastic ends. 15mm deep. CE approved.	<b>1</b>
	<b>12V/24V</b>		
	<b>LED</b>	<b>0-668-37</b> Slim 12/24V LED roof lamp, 72 bright white LEDs, integral on/off switch, surface mounting, low current draw 0.4A at 12V dc, white aluminium housing, splashproof. 10mm deep. CE approved.	<b>1</b>
	<b>12V/24V</b>		
	<b>LED</b>	<b>0-668-35</b> Slim 12/24V LED batten roof lamp with integral switch, 12 x 1W bright white LEDs, surface mounting, aluminium body with white plastic ends. 22mm deep. CE approved.	<b>1</b>
	<b>12V/24V</b>		
	<b>LED</b>	<b>0-668-70</b> 12/24V LED mood lamp with frosted lens, 42 indirect square LEDs and an on/off switch. Aluminium body. ECE R10 approved. l 178 x w 90 x h 12mm.	<b>1</b>
	<b>R10</b>	<b>0-668-71</b> 72-LED version, l 266 x w 90 x h 12mm.	<b>1</b>
	<b>12V/24V</b>	<b>0-668-72</b> 108-LED version, l 374 x w 90 x h 12mm.	<b>1</b>
		<b>0-668-73</b> 138-LED version, l 465 x w 90 x h 12mm.	<b>1</b>

## Interior lamps


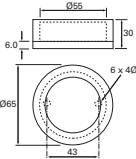








Product	Part No	Description	Quantity
	<b>LED</b> <b>R10</b> <b>12V/24V</b>	<b>0-668-74</b> 12/24V LED mood lamp with frosted lens, 42 indirect square LEDs and an on/off switch. Aluminium body. ECE R10 approved. l 178 x w 145 x h 12mm.	1
		<b>0-668-75</b> 72-LED version, l 266 x w 145 x h 12mm.	1
		<b>0-668-76</b> 108-LED version, l 374 x w 145 x h 12mm.	1
		<b>0-668-77</b> 138-LED version, l 465 x w 145 x h 12mm.	1
	<b>LED</b> <b>12V/24V</b>	<b>0-668-01</b> Mini 12/24V LED downlighter, 12 bright white LEDs, recessed mounting, plastic, splashproof. CE approved. l 43 x w 13 x h 43mm	1
	<b>LED</b> <b>IP66</b> <b>12V/24V</b>	<b>0-668-05</b> 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. l 69 x w 9.6 x h 69mm	1
	<b>LED</b> <b>12V/24V</b>	<b>0-668-03</b> 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. l 77 x w 26 x h 77mm	1
		<b>0-668-04</b> Silver version of above	1
 	<b>LED</b> <b>12V/24V</b>	<b>0-680-10</b> LED mood/step light, 12/24V, 4 white LEDs, recess fit.	1
		<b>0-680-15</b> Red LED version of above.	1
		<b>0-680-97</b> Surface mount bezel for the above, 11mm deep.	1
		<b>0-680-20</b> LED mood/step light, 12/24V, 10 white LEDs, recess fit.	1
		<b>0-680-25</b> Red LED version of above.	1
		<b>0-680-98</b> Surface mount bezel for the above, 18mm deep.	1
	<b>LED</b>	<b>0-669-13</b> 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
		<b>0-669-25</b> 24V version of above.	1
 	<b>LED</b> <b>12V/24V</b>	<b>0-668-12</b> LED locker lamp, 12/24V, 48 bright white LEDs, integral on/off switch, surface mounting, low current draw 0.3A at 12V dc, white plastic housing. CE approved.	1








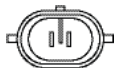

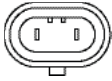

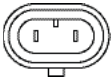
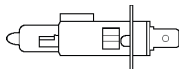
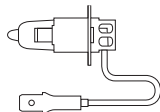
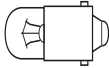
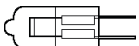

## Interior lamps | Flexible light strips

Product	Part No	Description	Quantity																																																							
 <div>LED 100 Lm</div>	0-668-09	12V decorative mini ceiling lamp with 3-position switch. 6 bright 2W LEDs and night light function. Aluminium base with flying leads. 100 lumens. CE approved. I 70 x w 70mm x h 36mm.	1																																																							
 <div>LED 400 Lm</div>	0-668-08	Decorative 12V ceiling lamp with switch, 12W super bright LEDs with night light function, aluminium base with flying leads. 400 lumens. CE approved. I 253 x w 253 x h 37mm.	1																																																							
	0-668-44	Low profile 12V ceiling lamp with 3-position switch and night function. ABS base with polycarbonate lens, with flying leads. 1150 lumens. CE approved. I 250 x w 250 x h 55 mm.	1																																																							
 	0-680-16	Modern slim-line roof 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 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																																																							
 		Low profile fluorescent lamp in white stove enamelled steel with a plastic lens, incorporating a switch. Supplied with a fluorescent tube. CE approved.																																																								
<table><thead><tr><th>part no</th><th>length</th><th>width</th><th>height</th><th>fix centre</th><th>volts dc</th><th>watts</th><th>Quantity</th><th>tubes (qty 5)</th><th>tubes (qty 1)</th><th>lens (qty 1)</th></tr></thead><tbody><tr><td>0-408-00</td><td>355</td><td>56</td><td>29</td><td>319</td><td>12 - 15</td><td>8</td><td>1</td><td>0-408-20</td><td>5-408-20</td><td>0-408-99</td></tr><tr><td>0-414-00</td><td>355</td><td>56</td><td>29</td><td>319</td><td>24 - 32</td><td>8</td><td>1</td><td>0-408-20</td><td>5-408-20</td><td>0-408-99</td></tr><tr><td>0-413-00</td><td>590</td><td>56</td><td>29</td><td>548</td><td>12 - 15</td><td>13</td><td>1</td><td>0-413-20</td><td>5-413-20</td><td></td></tr><tr><td>0-415-00</td><td>590</td><td>56</td><td>29</td><td>548</td><td>24 - 32</td><td>13</td><td>1</td><td>0-413-20</td><td>5-413.20</td><td></td></tr></tbody></table>				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	
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																																																	
 	0-667-50	Traditional "jelly mould" style commercial roof lamp. Plastic lens on a grey plastic base. Supplied without SCC bulb.	1																																																							
	0-667-13	Chrome finish base with guard.	1																																																							

## Interior lamps | Bulb holders

Product	Part No	Description	Quantity
 	<b>0-668-16</b>	Downlighter for recessed or surface mounting, in white with detachable steel housing. Supplied with 12V 10W G4 halogen bulb. CE approved.	<b>1</b>
	<b>LED 0-669-12</b>	LED flexible light strip, 12V, adhesive backed. 60 bright white LEDs per metre, can be cut and wired every 3 LEDs (requires soldering), waterproof.	<b>1 m</b>
	<b>3-669-12</b>	As above, longer length.	<b>5 m</b>
	<b>0-669-14</b>	Blue LED version of above.	<b>1 m</b>
	<b>0-669-15</b>	Green LED version of above.	<b>1 m</b>
	<b>0-669-17</b>	Red LED version of above.	<b>1 m</b>
	<b>0-669-20</b>	Amber LED version of above.	<b>1 m</b>
	<b>0-669-24</b>	24V white LED version of above, cut every 6 LEDs.	<b>1 m</b>
	<b>3-669-24</b>	As above, longer length.	<b>5 m</b>
	<b>0-669-26</b>	Blue LED version of above.	<b>1 m</b>
	<b>0-669-27</b>	Green LED version of above.	<b>1 m</b>
	<b>0-669-28</b>	Red LED version of above.	<b>1 m</b>
	<b>0-669-30</b>	Amber LED version of above.	<b>1 m</b>
	<b>LED 0-669-52</b>	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.	<b>1m</b>
	<b>0-669-54</b>	Blue LED version of above.	<b>1m</b>
	<b>0-669-55</b>	Green LED version of above.	<b>1m</b>
	<b>0-669-57</b>	Red LED version of above.	<b>1m</b>
	<b>0-669-60</b>	Amber LED version of above.	<b>1m</b>
	<b>0-669-74</b>	24V white LED version of above, cut every 6 LEDs.	<b>1m</b>
	<b>0-669-76</b>	Blue LED version of above.	<b>1m</b>
	<b>0-669-78</b>	Red LED version of above.	<b>1m</b>
	<b>0-669-80</b>	Amber LED version of above.	<b>1m</b>
	<b>0-705-11</b>	T10 wedge single bulb holder, plastic with 100mm lead, twist fit.	<b>1</b>
	<b>0-705-12</b>	T10 wedge single bulb holder with 100mm lead, push fit 12.5mm hole.	<b>1</b>
	<b>0-705-01</b>	Ba9s bulb holder, metal, 130mm flying lead.	<b>1</b>
	<b>0-705-02</b>	BA15s bulb holder, metal, 130mm flying lead.	<b>1</b>
	<b>0-705-03</b>	BAY15d bulb holder, metal, 130mm flying leads.	<b>1</b>
	<b>0-705-00</b>	SBC batten lamp holder with spring loaded contacts. Three hole fixing.	<b>1</b>

## Bulb holders | Hand-held spot lamp

Product	Part No	Description	Quantity
	<b>0-705-21</b>	H1 bulb holder, ceramic with 100mm lead.	<b>1</b>
	<b>0-705-22</b>	H4 bulb holder, ceramic with 100mm lead.	<b>1</b>
	<b>0-539-51</b> <b>5-539-51</b>	H4 bulb holder, plastic complete with terminals. Single unit, as above.	<b>5</b>
	<b>0-705-23</b>	H7 bulb holder, ceramic with 100mm lead.	<b>1</b>
 	<b>0-705-24</b>	H8 bulb holder, ceramic with 100mm lead.	<b>1</b>
 	<b>0-705-25</b>	H10 and HB3 bulb holder, ceramic with 100mm lead.	<b>1</b>
 	<b>0-705-26</b>	HB4 bulb holder, ceramic with 100mm lead.	<b>1</b>
	<b>0-454-02</b>	12V, 55W quartz halogen H1 bulb.	<b>1</b>
	<b>0-454-04</b>	24V, 70W quartz halogen H1 bulb.	<b>1</b>
	<b>0-539-01</b>	12V, 55W quartz halogen H3 bulb.	<b>1</b>
	<b>0-539-02</b>	24V, 70W quartz halogen H3 bulb.	<b>1</b>
	<b>0-601-02</b>	12V, 2W 9mm Ba9s bulb.	<b>1</b>
	<b>0-601-04</b>	24V version of the above. Suitable for our 0-609-51 to 70 range of warning lights and 0-601-00 cigarette lighter.	<b>1</b>
	<b>0-669-02</b>	12V, 10W quartz halogen G4 bulb.	<b>1</b>
	<b>0-669-04</b>	24V version of the above. Suitable for our 0-668-xx, 0-669-xx and 0-680-16.	<b>1</b>
	<b>0-537-36</b>	Hand held spot lamp powered via a 6 metre cable with cigarette lighter plug. Incorporates a switch. Supplied with a soft storage and without H3 bulb, 147mm dia. l 152 x w 75 x h 235mm.	<b>1</b>

## 3

**SWITCHES &  
INDICATORS**

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

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 0-603-04 0-603-05 0-603-10	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. Blue LED. Green LED. Red LED. Amber LED.	1 1 1 1
 	<b>NEW</b> 0-687-20	Momentary ON, single pole switch biased to off, with plastic paddle style lever. 6.3mm blade terminals. 13mm panel hole. 10A at 12/24V DC rating	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
 	0-687-01	Momentary on, single pole switch, with nickel plated brass lever and 6.3mm blade terminals, 13mm panel hole. 10A at 28V dc rating.	1



## Toggle switches

Product	Part No	Description	Quantity																				
 <table border="1" data-bbox="383 358 598 430"><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	■		0-658-00	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											
TERMS	0	1																					
A-B		■																					
A-C	■																						
 <table border="1" data-bbox="383 568 598 642"><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	■		0-658-01	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											
TERMS	0	1																					
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TERMS	0	1																					
A-B		■																					
A-C	■																						
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D-F	■																						
 <table border="1" data-bbox="375 985 588 1059"><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	■		0-603-60	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											
TERMS	0	1																					
A-B		■																					
A-C	■																						
 <table border="1" data-bbox="375 1187 588 1261"><tr><td>TERMS</td><td>1</td><td>0</td><td>2</td></tr><tr><td>A-B</td><td></td><td></td><td>■</td></tr><tr><td>A-C</td><td>■</td><td></td><td></td></tr></table>	TERMS	1	0	2	A-B			■	A-C	■			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								
TERMS	1	0	2																				
A-B			■																				
A-C	■																						
 <table border="1" data-bbox="375 1384 588 1458"><tr><td>TERMS</td><td>1</td><td>0</td><td>2</td></tr><tr><td>A-B</td><td></td><td></td><td>■</td></tr><tr><td>A-C</td><td>■</td><td></td><td></td></tr></table>	TERMS	1	0	2	A-B			■	A-C	■			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								
TERMS	1	0	2																				
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A-C	■																						
 <table border="1" data-bbox="375 1585 588 1704"><tr><td>TERMS</td><td>1</td><td>0</td><td>2</td></tr><tr><td>A-B</td><td></td><td></td><td>■</td></tr><tr><td>A-C</td><td>■</td><td></td><td></td></tr><tr><td>D-E</td><td></td><td></td><td>■</td></tr><tr><td>D-F</td><td>■</td><td></td><td></td></tr></table>	TERMS	1	0	2	A-B			■	A-C	■			D-E			■	D-F	■			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
TERMS	1	0	2																				
A-B			■																				
A-C	■																						
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TERMS	0	1	2																				
A-B		■	■																				
A-C			■																				
 <table border="1" data-bbox="375 2002 588 2089"><tr><td>TERMS</td><td>1</td><td>0</td><td>2</td></tr><tr><td>A-B</td><td></td><td>←</td><td>■</td></tr><tr><td>A-C</td><td>■</td><td></td><td></td></tr></table>	TERMS	1	0	2	A-B		←	■	A-C	■			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								
TERMS	1	0	2																				
A-B		←	■																				
A-C	■																						

## Toggle switches | Toggle switch panels

Product	Part No	Description	Quantity
 	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
	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
 	0-349-50	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
	<b>NEW</b> 0-530-02	12/24V On/on changeover, single pole switch and plastic rocker. 4.8mm blade terminals. 10A at 12V DC rating.	1






























## Rotary switches

Product	Part No	Description	Quantity																														
 <table><tr><td>TERMS</td><td>1</td><td>0</td><td>2</td></tr><tr><td>30-56a</td><td>■</td><td></td><td></td></tr><tr><td>30-57</td><td></td><td></td><td>■</td></tr></table>	TERMS	1	0	2	30-56a	■			30-57			■	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																		
TERMS	1	0	2																														
30-56a	■																																
30-57			■																														
 <table><tr><td>TERMS</td><td>0</td><td>1</td><td>2</td><td>3</td></tr><tr><td>30-58</td><td></td><td>■</td><td>■</td><td>■</td></tr><tr><td>30-56b</td><td></td><td></td><td>■</td><td></td></tr><tr><td>30-56a</td><td></td><td></td><td></td><td>■</td></tr><tr><td>30-57</td><td>■</td><td></td><td></td><td></td></tr></table>	TERMS	0	1	2	3	30-58		■	■	■	30-56b			■		30-56a				■	30-57	■				0-484-00	As above, but with illuminated green plastic lever.	1					
TERMS	0	1	2	3																													
30-58		■	■	■																													
30-56b			■																														
30-56a				■																													
30-57	■																																
 <table><tr><td>TERMS</td><td>0</td><td>1</td><td>2</td><td>3</td></tr><tr><td>30-58</td><td></td><td>■</td><td>■</td><td>■</td></tr><tr><td>30-56b</td><td></td><td></td><td>■</td><td></td></tr><tr><td>30-56a</td><td></td><td></td><td></td><td>■</td></tr><tr><td>30-57</td><td>■</td><td></td><td></td><td></td></tr></table>	TERMS	0	1	2	3	30-58		■	■	■	30-56b			■		30-56a				■	30-57	■				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					
TERMS	0	1	2	3																													
30-58		■	■	■																													
30-56b			■																														
30-56a				■																													
30-57	■																																
	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																														
 <table><tr><td>TERMS</td><td>0</td><td>1</td><td>2</td></tr><tr><td>B-P</td><td>■</td><td></td><td></td></tr><tr><td>B-L</td><td></td><td>■</td><td></td></tr><tr><td>B-H</td><td></td><td></td><td>■</td></tr></table>	TERMS	0	1	2	B-P	■			B-L		■		B-H			■	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														
TERMS	0	1	2																														
B-P	■																																
B-L		■																															
B-H			■																														
 <table><tr><td>TERMS</td><td>0</td><td>1</td><td>2</td><td>3</td><td>Push</td></tr><tr><td>30-57/58</td><td></td><td>■</td><td>■</td><td>■</td><td></td></tr><tr><td>30-56b</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></tr><tr><td>30-49</td><td></td><td></td><td></td><td></td><td>■</td></tr></table>	TERMS	0	1	2	3	Push	30-57/58		■	■	■		30-56b			■			30-56a				■		30-49					■	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
TERMS	0	1	2	3	Push																												
30-57/58		■	■	■																													
30-56b			■																														
30-56a				■																													
30-49					■																												
 <table><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		■	0-656-02	On/off, rotary switch, splash proof to DIN40 050, IP 53, 12mm diameter panel hole. 15A at 12V dc rating.	1																								
TERMS	0	1																															
A-B		■																															
 <table><tr><td>TERMS</td><td>0</td><td>1</td></tr><tr><td>A-B</td><td></td><td>■</td></tr><tr><td>E: F</td><td>■</td><td></td></tr></table>	TERMS	0	1	A-B		■	E: F	■		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																					
TERMS	0	1																															
A-B		■																															
E: F	■																																
 <table><tr><td>TERMS</td><td>0</td><td>1</td><td>2</td></tr><tr><td>A-B</td><td></td><td>■</td><td></td></tr><tr><td>A-C</td><td></td><td></td><td>■</td></tr></table>	TERMS	0	1	2	A-B		■		A-C			■	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																		
TERMS	0	1	2																														
A-B		■																															
A-C			■																														
 <table><tr><td>TERMS</td><td>1</td><td>0</td><td>2</td></tr><tr><td>A-B</td><td>■</td><td>→</td><td></td></tr><tr><td>A-C</td><td></td><td>←</td><td>■</td></tr></table>	TERMS	1	0	2	A-B	■	→		A-C		←	■	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																		
TERMS	1	0	2																														
A-B	■	→																															
A-C		←	■																														
 <table><tr><td>TERMS</td><td>0</td><td>1</td><td>2</td></tr><tr><td>+ -1</td><td></td><td>■</td><td>■</td></tr><tr><td>+ -2</td><td></td><td></td><td>■</td></tr><tr><td>+ -3</td><td></td><td></td><td>■</td></tr><tr><td>+ -4</td><td colspan="3">NO CONNECTION</td></tr></table>	TERMS	0	1	2	+ -1		■	■	+ -2			■	+ -3			■	+ -4	NO CONNECTION			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										
TERMS	0	1	2																														
+ -1		■	■																														
+ -2			■																														
+ -3			■																														
+ -4	NO CONNECTION																																

## 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 0-531-02 0-531-04 0-531-05 0-531-10	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. Non-illuminated Blue LED Green LED Red LED Amber LED	1 1 1 1 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.	1
 	0-531-52 0-531-54 0-531-55 0-531-60	On/off, single pole switch, plastic toggle. 12/24V LED indicator, 4.8mm blade terminals. Snap fits into 20mm diameter panel hole. 10A at 12V dc rating. Blue LED Green LED Red LED Amber LED	1 1 1 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 0-597-05 0-597-07 0-597-10	On/off, single pole push-pull switch, with 12V illumination and 6.3 mm blade terminals 13mm diameter panel hole. 10A at 12V dc rating. Green Red White Amber	1 1 1 1

## Push button switches










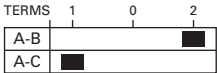

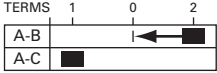

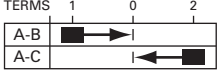




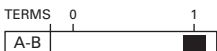

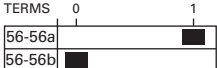
Product	Part No	Description	Quantity												
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TERMS	0	1													
R-W															
R- 															
R- 															
 <table border="1" data-bbox="389 548 606 598"><tr><td>TERMS</td><td>0</td><td>1</td></tr><tr><td>A-B</td><td></td><td></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="389 649 606 743"><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="389 925 606 1001"><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="389 1193 606 1270"><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 24V Red LED 24V Amber LED 24V	1 1 1 1 1 1			
TERMS	0	1													
A-B															
A- 															
 <table border="1" data-bbox="389 1404 606 1458"><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="389 1552 606 1606"><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															
 <table border="1" data-bbox="389 1686 606 1740"><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			0-485-02	Push button single pole switch, push to momentarily make, screw terminals, 14mm panel hole. 10A at 12V dc rating.	1						
TERMS	0	1													
A-B															
 <table border="1" data-bbox="389 1807 606 1861"><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			0-485-03	Push button switch, stainless steel button and nickel plated brass body, push to momentarily make, screw terminals, 19mm panel hole. 6A at 12V dc rating. Intermittent amps is 16A for 5 seconds.	1						
TERMS	0	1													
A-B															
 <table border="1" data-bbox="389 1933 606 1986"><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="389 2076 606 2119"><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															

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

Product	Part No	Description	Quantity
 	<b>0-485-05</b>	Momentary on, single pole, push button switch, 12V red LED illumination, screw terminals, 22mm panel hole. 20A at 12V dc rating.	1
 	<b>0-485-75</b>	Momentary on, push button horn switch, single pole with screw terminals. 5A at 12V dc rating. Replaces SPB160.	1
 	<b>0-364-11</b>	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
 	<b>0-658-11</b>	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
 	<b>0-687-11</b>	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
 	<b>0-349-11</b>	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
 	<b>0-645-11</b>	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
 	<b>0-486-00</b>	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
 	<b>0-486-01</b>	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
 	<b>0-486-02</b>	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
 	<b>0-579-50</b>	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
 	<b>0-579-51</b>	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



## 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

## 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	
Blue	<b>0-609-02</b>	<b>0-609-12</b>	<b>1</b>
Green	<b>0-609-04</b>	<b>0-609-14</b>	<b>1</b>
Red	<b>0-609-05</b>	<b>0-609-15</b>	<b>1</b>
Amber	<b>0-609-10</b>	<b>0-609-20</b>	<b>1</b>



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.	
Blue	<b>0-609-62</b>	<b>1</b>
Green	<b>0-609-64</b>	<b>1</b>
Red	<b>0-609-65</b>	<b>1</b>
Amber	<b>0-609-70</b>	<b>1</b>



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	
Red	<b>0-609-51</b>		<b>1</b>
Red	<b>0-609-53</b>		<b>1</b>
Red	<b>0-609-54</b>		<b>1</b>
Red	<b>0-609-56</b>		<b>1</b>
Green	<b>0-609-57</b>		<b>1</b>
Amber	<b>0-609-59</b>		<b>1</b>



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

Colours	Part No.	
Blue	<b>0-607-32</b>	<b>1</b>
Green	<b>0-607-34</b>	<b>1</b>
Red	<b>0-607-35</b>	<b>1</b>
Amber	<b>0-607-40</b>	<b>1</b>



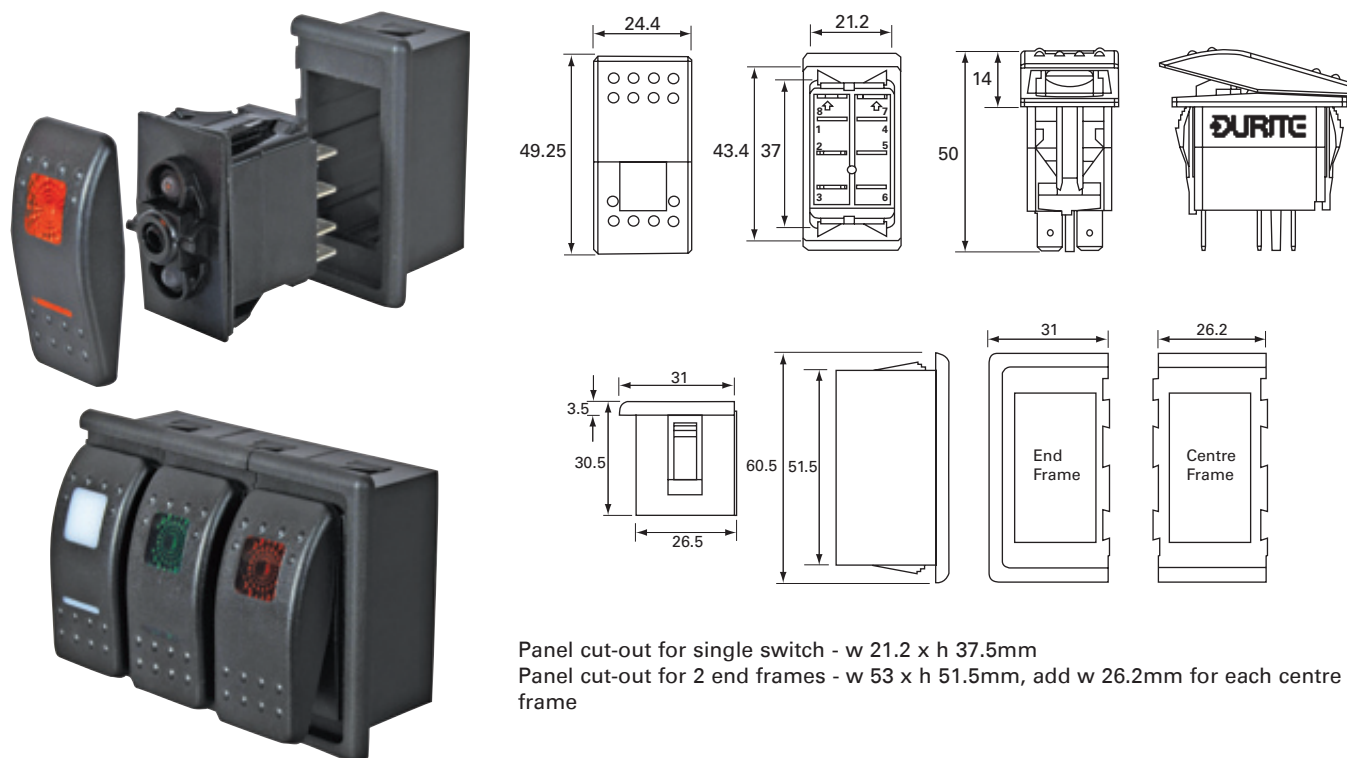
Warning light, 12/24V LED, for push fit into 8.2mm panel hole. Supplied with 300mm leads.

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

Colours	12V	24V	
Green	<b>0-607-04</b>	<b>0-607-24</b>	<b>1</b>
Red	<b>0-607-05</b>	<b>0-607-25</b>	<b>1</b>
Amber	<b>0-607-10</b>	<b>0-607-30</b>	<b>1</b>
Red - Flashing	<b>0-607-55</b>	<b>0-607-75</b>	<b>1</b>

## 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	x		x		0-780-51
Off/On		x	x		0-780-61
Off/On*	x		x		0-781-51
Off/On*		x	x		0-781-61
* = momentary					
Change Over	x			x	0-782-52
Change Over		x		x	0-782-62

## Three position switch bodies

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

## Switch components

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
















































## Switch tools

Rocker switch removal tool	0-798-95
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## 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		left	0-79X-50
	headlamp washer	0-79X-05		heated seat	0-79X-23		right	0-79X-51
	side lights	0-79X-06		windscreen demist	0-79X-24		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			

## Air switches

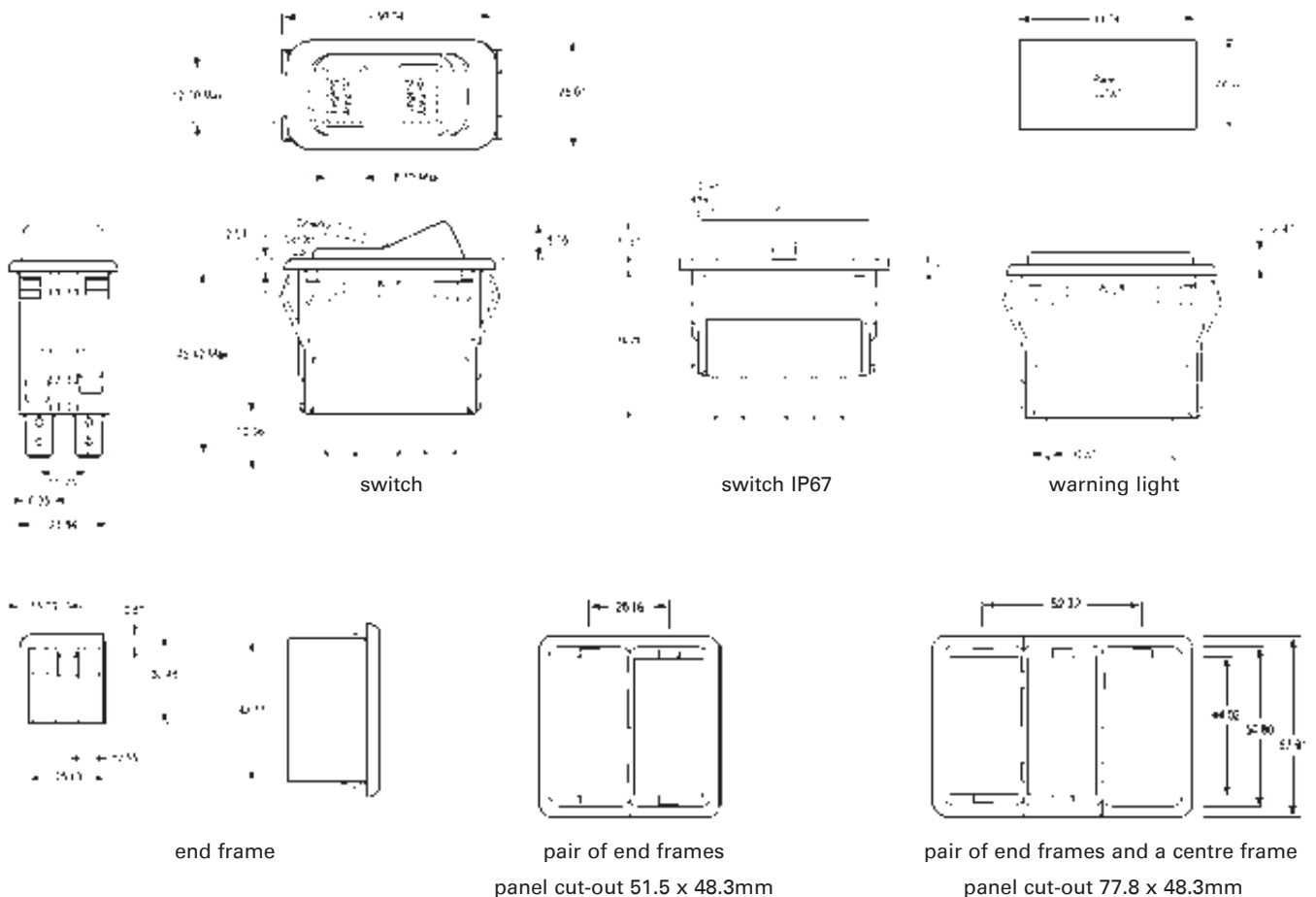
Product	Part No	Description	Quantity
	<b>0-577-20</b>	72.5psi / 5.0bar, M12 x 1.5. Replaces Wabco 441 014 015 0.	<b>1</b>
	<b>0-580-00</b>	60psi / 4.136bar, 1/4 NPTF. Replaces Wabco APSA7282/6.	<b>1</b>
	<b>0-579-00</b>	Stop light switches for vehicle air systems. 5psi / 0.344bar, 1/4 NPTF. Rated 10A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

## 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 gang mounted on a choice of frames.



All switches are rated 15A at 28V dc.





## Rocker switches with warning lights

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

## Switch and warning light components

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

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

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

























































## 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.


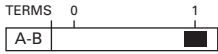

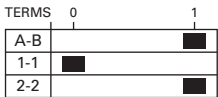



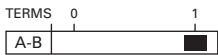




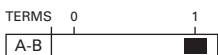

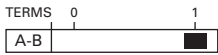
5-791-XX / 5-792-XX

Single unit, as above.


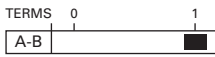

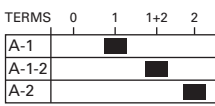

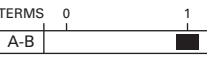


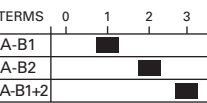

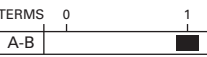


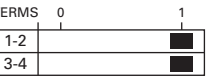

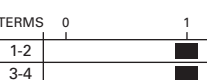


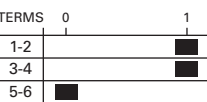
qty

	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








## 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.	1
	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.	1
	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.	1
	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.	1
	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.	1
	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.	1
	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.	1

## Battery isolators

Product	Part No	Description	Quantity
 	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
 	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
 	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
	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\" data-bbox="488 393 857 428"/>	1
 	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
 	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
	0-605-97	Replacement blank key for above.	1
 	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
 	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
	0-605-55	Replacement key for above.	1
 	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

## Battery isolators


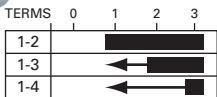

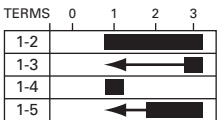

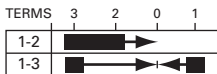

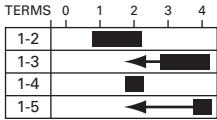

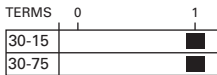

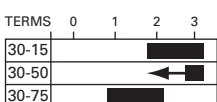
Product	Part No	Description	Quantity												
 <table><tr><td>TERMS</td><td>0</td><td>1</td></tr><tr><td>A-B</td><td></td><td>■</td></tr><tr><td>A-C</td><td>■</td><td></td></tr></table>	TERMS	0	1	A-B		■	A-C	■		0-605-70	Battery change over switch with fixed handle, 2 position on/on for switching from 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><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		■													
	0-495-99	Replacement key for above.	1												
 <table><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><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><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><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><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		■													

## Battery isolators | Remotely switched battery isolators

Product	Part No	Description	Quantity
 	0-605-33	Battery isolator, 12V, single pole 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
 	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
 	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
	0-605-44	24V version of above.	
 	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
	0-605-95	Additional emergency switch with integral LED indicator.	1



## Ignition switches

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

## 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><tr><td>TERMS</td><td>P</td><td>0</td><td>1</td><td>2</td></tr><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></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><tr><td>TERMS</td><td>P</td><td>0</td><td>1</td><td>2</td></tr><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></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																																				
<table><tr><td>TERMS</td><td>P</td><td>0</td><td>1</td><td>2</td><td>3</td></tr><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></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><tr><td>TERMS</td><td>P</td><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><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></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					■																																		

## 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

## 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. Schneider Electric reference ZEN-L1111.	1
	0-657-21	Switch block, single pole normally closed, rated at 0.4A at 24V dc. Schneider 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

# CABLES & WIRING ACCESSORIES





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## Single core thin wall cables



## Single core PVC thin wall auto cable to ISO6722:2006 Class B.

Product	Part No	Description	Quantity
<b>24/0.20mm 0.75mm<sup>2</sup> 14A, nominal OD 1.9mm.</b>			
	0-931-01	black	reel 100 metres
	0-931-02	blue	
	0-931-03	brown	
	0-931-04	green	
	0-931-05	red	
	0-931-06	purple	
	0-931-07	white	
	0-931-08	yellow	
	0-931-09	grey	
	0-931-10	orange	
	0-931-11	pink	
	0-931-40	light green	
<b>32/0.20mm 1.00mm<sup>2</sup> 16.5A, nominal OD 2.1mm.</b>			
	0-932-01	black	reel 100 metres
	0-932-02	blue	
	0-932-03	brown	
	0-932-04	green	
	0-932-05	red	
	0-932-06	purple	
	0-932-07	white	
	0-932-08	yellow	
	0-932-09	grey	
	0-932-10	orange	
	0-932-11	pink	
	0-932-12	black/blue	
	0-932-14	black/green	
	0-932-15	black/red	
	0-932-18	black/yellow	
	0-932-21	blue/black	
	0-932-23	blue/brown	
	0-932-24	blue/green	
	0-932-25	blue/red	
	0-932-27	blue/white	
	0-932-28	blue/yellow	
	0-932-31	brown/black	
	0-932-34	brown/green	
	0-932-35	brown/red	
	0-932-37	brown/white	
	0-932-38	brown/yellow	
	0-932-40	light green	
	0-932-41	green/black	
	0-932-42	green/blue	
	0-932-43	green/brown	
	0-932-45	green/red	
	0-932-46	green/purple	
	0-932-47	green/white	
	0-932-48	green/yellow	
	0-932-51	red/black	
	0-932-54	red/green	
	0-932-57	red/white	
	0-932-58	red/yellow	
	0-932-61	purple/black	
	0-932-67	purple/white	
	0-932-71	white/black	
	0-932-72	white/blue	
	0-932-73	white/brown	
	0-932-74	white/green	
	0-932-75	white/red	
	0-932-81	yellow/black	
	0-932-82	yellow/blue	
	0-932-87	yellow/white	
<b>21/0.30mm 1.5mm<sup>2</sup> 21A, nominal OD 2.4mm.</b>			
	0-930-01	black	reel 100 metres
	0-930-02	blue	
	0-930-03	brown	
	0-930-04	green	
	0-930-05	red	
	0-930-06	purple	
	0-930-07	white	
	0-930-08	yellow	
	0-930-09	grey	
	0-930-10	orange	
<b>28/0.30mm 2.00mm<sup>2</sup> 25A, nominal OD 2.8mm.</b>			
	0-933-01	black	reel 100 metres
	0-933-02	blue	
	0-933-03	brown	
	0-933-04	green	
	0-933-05	red	
	0-933-06	purple	
	0-933-07	white	
	0-933-08	yellow	
	0-933-09	grey	
	0-933-10	orange	
	0-933-11	pink	
	0-933-15	black/red	
	0-933-25	blue/red	
	0-933-27	blue/white	
	0-933-40	light green	
	0-933-41	green/black	
	0-933-45	green/red	
	0-933-75	white/red	
<b>35/0.30mm 2.5mm<sup>2</sup> 29A, nominal OD 3.0mm.</b>			
	0-934-01	black	reel 50 metres
	0-934-03	brown	
	0-934-05	red	
<b>44/0.30mm 3.0mm<sup>2</sup> 33A, nominal OD 3.4mm.</b>			
	0-935-01	black	reel 30 metres
	0-935-03	brown	
	0-935-05	red	
<b>65/0.30mm 4.5mm<sup>2</sup> 42A, nominal OD 4.1mm.</b>			
	0-936-01	black	reel 30 metres
	0-936-03	brown	
	0-936-05	red	
<b>84/0.30mm 6.0mm<sup>2</sup> 50A, nominal OD 4.3mm.</b>			
	0-937-01	black	reel 30 metres
	0-937-03	brown	
	0-937-05	red	
<b>97/0.30mm 7.0mm<sup>2</sup> 57A, nominal OD 5.1mm.</b>			
	0-939-01	black	reel 30 metres
	0-939-03	brown	
	0-939-05	red	
<b>120/0.30mm 8.5mm<sup>2</sup> 63A, nominal OD 5.6mm.</b>			
	0-938-01	black	reel 30 metres
	0-938-03	brown	
	0-938-05	red	
<b>80/0.40mm 10.0mm<sup>2</sup> 70A, nominal OD 6.0mm.</b>			
	0-940-01	black	reel 30 metres
	0-940-03	brown	
	0-940-05	red	

## Single core auto cables



Product	Part No	Description	Quantity
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Single core PVC auto cable to BS6862.

9/0.30mm 0.65mm<sup>2</sup> 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 1.00mm<sup>2</sup> 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 2.00mm<sup>2</sup> 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 2.50mm<sup>2</sup> 21.75A, nominal OD 3.8mm.

reel 50 metres

0-944-01	black	0-944-05	red
0-944-03	brown		

44/0.30mm 3.00mm<sup>2</sup> 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 4.50mm<sup>2</sup> 35A, nominal OD 5.1mm.

reel 30 metres

0-946-01	black	0-946-05	red
0-946-03	brown		

84/0.30mm 6.00mm<sup>2</sup> 42A, nominal OD 5.9mm.

reel 30 metres

0-947-01	black	0-947-05	red
0-947-03	brown		

97/0.30mm 7.00mm<sup>2</sup> 50A, nominal OD 6.2mm.

reel 30 metres

0-949-01	black	0-949-05	red
0-949-03	brown		

120/0.30mm 8.50mm<sup>2</sup> 60A, nominal OD 7.0mm.

reel 30 metres

0-948-01	black	0-948-05	red
0-948-03	brown		

80/0.40mm 10.00mm<sup>2</sup> 70A, nominal OD 7.5mm.

reel 30 metres

0-950-01	black	0-950-05	red
0-950-03	brown		

## Twin core 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 0.65mm<sup>2</sup> 5.75A, nominal OD 6.1 x 3.8mm.

reel 30 metres

0-951-00 red/black, sheathed black

2 x 14/0.30mm 1.00mm<sup>2</sup> 8.75A, nominal OD 6.5 x 4.0mm.

reel 30 metres

0-952-51 red/black, sheathed black

reel 100 metres

3-952-51 red/black, sheathed black

2 x 32/0.20mm 1.00mm<sup>2</sup> 16.5A (thin wall), nominal OD 5.0 x 3.0mm.

reel 30 metres

0-951-50 red/black, sheathed black

2 x 28/0.30mm 2.00mm<sup>2</sup> 17.50A, nominal OD 7.9 x 4.8mm.

reel 30 metres

0-953-00 red/black sheathed black

reel 100 metres

3-953-00 red/black sheathed black

2 x 28/0.30mm 2.00mm<sup>2</sup> 25.0A (thin wall), nominal OD 6.1 x 3.5mm.

reel 30 metres

0-953-50 red/black, sheathed black

2 x 44/0.30mm 3.00mm<sup>2</sup> 27.50A, nominal OD 9.5 x 5.7mm.

reel 30 metres

0-953-51 red/black, sheathed black

2 x 65/0.30mm 4.50mm<sup>2</sup> 35.00A, nominal OD 11.9 x 7.0mm.

reel 30 metres

0-955-00 red/black, sheathed black

Twin core round PVC auto cable to BS6862.

2 x 9/0.30mm 0.65mm<sup>2</sup> 5.75A, nominal OD 6.5mm.

reel 30 metres

0-951-51 red/black, sheathed black

2 x 14/0.30mm 1.00mm<sup>2</sup> 8.75A, nominal OD 7.0mm.

reel 30 metres

0-952-00 red/black, sheathed black



2 core PVC speaker cable.

2 x 12/0.20mm 0.38mm<sup>2</sup> 2A, nominal OD 3.6 x 1.7mm.

reel 100 metres

0-954-17 black and black/white

2 x 24/0.20mm 0.75mm<sup>2</sup> 6A, nominal OD 4.3 x 2.1mm.

reel 100 metres

0-954-15 black and black/red

Multicore PVC auto cable to BS6862/ISO6722:2006 Class B (thin wall).



4 core, 4 x 9/0.30mm 0.65mm<sup>2</sup> 5.75A, nominal OD 7.5mm.

reel 30 metres

0-993-00 brown, red, green and white, sheathed black

4 core, 4 x 14/0.30mm 1.00mm<sup>2</sup> 8.75A, nominal OD 8.0mm.

reel 30 metres

0-993-01 brown, red, green and white, sheathed black

4 core, 4 x 32/0.20mm 1.00mm<sup>2</sup> 16.5A (thin wall), nominal OD 5.8mm.

reel 30 metres

0-993-50 brown, red, green and white, sheathed black



5 core, 4 x 14/0.30mm 1.00mm<sup>2</sup> and 1 x 28/0.30mm 2.00mm<sup>2</sup>, OD 8.9mm.

reel 30 metres


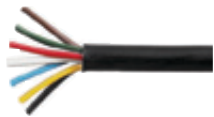
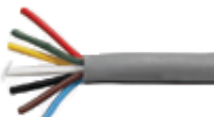






0-995-00 brown, red, green, yellow and white, sheathed black.

5 core, 5 x 32/0.20mm 1.00mm<sup>2</sup> 16.5A (thin wall), OD 6.3mm.

reel 30 metres

0-995-50 brown, red, green, yellow and white, sheathed black.

## Multicore cables | Battery cables

Product	Part No	Description	Quantity
	<b>7 core, 7 x 9/0.30mm 0.65mm<sup>2</sup> 5.75A (light duty), OD 8.9mm.</b> <b>0-997-10</b>	brown, red, green, yellow, blue, black, white.	reel 100 metres
	<b>7 core, 7 x 24/0.20mm 0.75mm<sup>2</sup> 14.0A (thin wall), OD 6.8mm.</b> <b>0-997-60</b>	brown, red, green, yellow, blue, black, white.	reel 30 metres
	<b>7 core, 6 x 14/0.30mm 1.00mm<sup>2</sup> and 1 x 28/0.30mm 2.00mm<sup>2</sup>, OD 10.2mm.</b> <b>0-997-00</b>	brown, red, green, yellow, blue, black and white.	reel 30 metres
	<b>0-997-05</b>	brown, red, green, yellow, blue, black and white.	coil 10 metres
	<b>3-997-00</b>	brown, red, green, yellow, blue, black and white.	reel 100 metres
	<b>7 core, 6 x 32/0.20mm and 1 x 28/0.30mm (thin wall), OD 8.3mm.</b> <b>0-997-65</b>	brown, red, green, yellow, blue, black and white.	reel 30 metres
	<b>7 core, ISO, 6 x 21/0.30mm 1.50mm<sup>2</sup> and 1 x 35/0.30mm 2.50mm<sup>2</sup>, OD 11.2mm.</b> <b>0-997-15</b>	brown, red, green, yellow, blue, black and white.	reel 30 metres
	<b>7 core, EBS, 5 x 21/0.30mm 1.50mm<sup>2</sup> and 2 x 56/0.30mm 4.00mm<sup>2</sup>, OD 10.8mm.</b> <b>0-997-20</b>	black, yellow, white, white/green, white/brown, red and brown	reel 30 metres
	<b>8 core, 7 x 32/0.20mm and 1 x 28/0.30mm (thin wall), OD 8.5mm.</b> <b>0-998-01</b>	brown, red, green, yellow, blue, black, purple and white.	coil 10 metres
	<b>13 core, 12 x 21/0.30mm and 1 x 35/0.30mm (thin wall), OD 12.0mm.</b> <b>0-999-13</b>	brown, green, yellow, blue, black, purple, pink, grey, light brown, red/black, red, orange and white.	coil 10 metres
	<b>13 core, 8 x 30/0.25mm and 5 x 50/0.25mm (thin wall), OD 12.8mm.</b> <b>0-999-63</b>	red, brown, green, yellow, blue, black, pink, grey, white/blue, orange, white, white/red, white/black.	coil 10 metres
<b>PVC sheathed copper, PVC insulated ignition cable, to BS6862.</b>			
	<b>21/0.30mm 1.50mm<sup>2</sup>, nominal OD 7.0mm.</b> <b>0-961-01</b>	black	reel 30 metres
	<b>0-961-05</b>	red	
<b>Silicon sheathed, silicon insulated suppressed carbon ignition cable.</b>			
	<b>0-961-57</b>	black, 7mm OD	reel 30 metres
	<b>0-961-58</b>	black, 8mm OD	reel 30 metres
<b>Copper core PVC starter cable to BS6862.</b>			
	<b>266/0.30mm 20.0mm<sup>2</sup>, 135A, nominal OD 9.0mm.</b> <b>0-980-01</b>	black	coil 10 metres
	<b>0-979-05</b>	red	
	<b>37/0.90mm 25.0mm<sup>2</sup>, 170A, nominal OD 9.7mm.</b> <b>0-981-00</b>	black	coil 10 metres
	<b>0-981-05</b>	red	
	<b>61/0.90mm 40.0mm<sup>2</sup>, 300A, nominal OD 11.8mm.</b> <b>0-982-00</b>	black	coil 10 metres
	<b>0-982-05</b>	red	
	<b>61/1.13mm 60.0mm<sup>2</sup>, 415A, nominal OD 14.1mm.</b> <b>0-983-00</b>	black	coil 10 metres
	<b>0-983-05</b>	red	
<b>NEW</b>	<b>684/0.4mm 95.0mm<sup>2</sup>, 500A, nominal OD 17.9mm.</b> <b>0-990-00</b>	black	coil 10 metres
	<b>0-990-05</b>	red	

## Battery cables | Starter cables | Mains cables

## Product

## Part No

## Description

## Quantity



Copper core PVC flexible starter cable to BS6862.

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

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

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

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

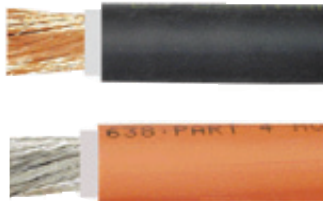
315/0.40mm 40.0mm<sup>2</sup>, 300A, nominal OD 12.2mm. coil 10 metres  
 0-982-10 black 0-982-15 red

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

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

NEW

905/0.30mm 70.0mm<sup>2</sup>, 485A, nominal OD 15.8mm. coil 10 metres  
 0-977-01 black 0-977-05 red



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

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

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



3 core round flexible mains cable to BS6500, PVC insulated. reel 30 metres  
 Blue, brown, green/yellow, sheathed white PVC.

0-988-00 3 x 1.00mm<sup>2</sup> 32/0.20mm 10A  
 0-989-00 3 x 1.50mm<sup>2</sup> 30/0.25mm 15A













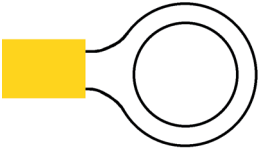







3 core round flexible mains cable to BS6500, TRS insulated. reel 30 metres  
 Blue, brown, green/yellow, sheathed black rubber.

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












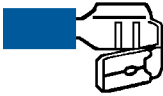





## Pre-insulated terminals

For crimping tools see page 9.9

	conductor size 0.5 - 1.5mm <sup>2</sup> 9 - 21/0.30mm		conductor size 1.5 - 2.5mm <sup>2</sup> 21 - 35/0.30mm		conductor size 3.0 - 6.0mm <sup>2</sup> 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.					

















## Pre-insulated terminals

For crimping tools see page 9.9

	conductor size 0.5 - 1.5mm <sup>2</sup> 9 - 21/0.30mm	conductor size 1.5 - 2.5mm <sup>2</sup> 21 - 35/0.30mm	conductor size 3.0 - 6.0mm <sup>2</sup> 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.			

## Pre-insulated terminals | Adhesive heat shrink terminals















For crimping tools see page 9.9

	conductor size 0.5 - 1.5mm <sup>2</sup> 9 - 21/0.30mm	conductor size 1.5 - 2.5mm <sup>2</sup> 21 - 35/0.30mm	conductor size 3.0 - 6.0mm <sup>2</sup> 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 Special size for ford applications 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 25	 0-001-50 qty 25	 0-001-51 qty 25

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



Multiple connectors

For crimping tools see page 9.9

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

Terminals are not supplied with connectors and must be ordered separately














For crimping tools see page 9.9

<b>0-013-21</b> 2.00mm pin with locking tag for 0.50-2.50mm <sup>2</sup> cable. <b>qty 50</b>				<b>0-013-23</b> 2.00mm receptacle with locking tag for 0.50-2.50mm <sup>2</sup> cable. <b>qty 50</b>			
							

## Multiple connectors

6.3mm male blade housing				6.3mm female receptacle housing			
	<b>0-011-01</b>	1 way	<b>qty 5</b>		<b>0-011-10</b>	1 way	<b>qty 5</b>
	<b>0-011-02</b>	2 way	<b>qty 5</b>		<b>0-011-12</b>	2 way	<b>qty 5</b>
	<b>0-011-03</b>	2 way	<b>qty 5</b>		<b>0-011-13</b>	2 way	<b>qty 5</b>
	<b>0-011-04</b>	3 way	<b>qty 5</b>		<b>0-011-14</b>	3 way	<b>qty 5</b>
	<b>0-011-05</b>	4 way	<b>qty 5</b>		<b>0-011-15</b>	4 way	<b>qty 5</b>
	<b>0-011-06</b>	6 way	<b>qty 5</b>		<b>0-011-16</b>	6 way	<b>qty 5</b>
	<b>0-011-07</b>	8 way	<b>qty 5</b>		<b>0-011-17</b>	8 way	<b>qty 5</b>
	<b>0-011-08</b>	11 way	<b>qty 5</b>		<b>0-011-18</b>	11 way	<b>qty 5</b>
<b>Terminals are not supplied with connectors and must be ordered separately</b> <b>For crimping tools see page 9.9</b>							
	<b>0-011-21</b>	6.30mm blade with locking tag for 0.65-1.00mm <sup>2</sup> cable.	<b>qty 50</b>		<b>0-011-23</b>	6.30mm push-on with locking tag for 0.65-1.00mm <sup>2</sup> cable.	<b>qty 50</b>
	<b>0-011-22</b>	6.30mm blade with locking tag for 1.00-2.50mm <sup>2</sup> cable.	<b>qty 50</b>		<b>0-011-24</b>	6.30mm push-on with locking tag for 1.00-2.50mm <sup>2</sup> cable.	<b>qty 50</b>

## Multiple connectors

Product	Part No	Description	Quantity
	0-012-42	'Econoseal' 2 way waterproof male connector. Supplied with seals and terminals.  use crimping tool 0-703-51 for this connector	1
	0-012-52	'Econoseal' 2 way waterproof female connector. Supplied with seals and terminals.  use crimping tool 0-703-51 for this connector	1
	0-012-43	'Econoseal' 3 way waterproof male connector. Supplied with seals and terminals.  use crimping tool 0-703-51 for this connector	1
	0-012-53	'Econoseal' 3 way waterproof female connector. Supplied with seals and terminals.  use crimping tool 0-703-51 for this connector	1
	0-012-61	'Junior timer' 2 way male connector. Supplied with terminals.  use crimping tool 0-703-53 for this connector	1
	0-012-71	'Junior timer' 2 way connector. Supplied with cable boot and terminals.  use crimping tool 0-703-53 for this connector	1
	0-012-62	'Junior power timer' 2 way male connector. Supplied with cable seals and terminals.  use crimping tool 0-703-52 for this connector	1
	0-012-72	'Junior power timer' 2 way connector. Supplied with cable seals and terminals.  use crimping tool 0-703-52 for this connector	1
	0-012-73	'Junior power timer' 3 way connector. Supplied with cable seals and terminals.  use crimping tool 0-703-52 for this connector	1
	0-012-74	'Junior power timer' 4 way connector. Supplied with cable seals and terminals.  use crimping tool 0-703-52 for this connector	1
	0-012-75	'Junior power timer' 5 way connector. Supplied with cable seals and terminals.  use crimping tool 0-703-52 for this connector	1
	0-012-76	'Junior power timer' 6 way connector. Supplied with cable seals and terminals.  use crimping tool 0-703-52 for this connector	1
	0-012-77	'Junior timer' 7 way connector. Supplied with cable boot and terminals.  use crimping tool 0-703-52 for this connector	1



## Multiple connectors

use crimping tool 0-703-51 for these connectors. spares terminals see p4.15

1.5mm male blade housing supplied with terminals and seals.



**0-011-51** 1 way **qty 1**  
'Superseal'



**0-011-52** 2 way **qty 1**  
'Superseal'



**0-011-53** 3 way **qty 1**  
'Superseal'



**0-011-54** 4 way **qty 1**  
'Superseal'



**0-011-55** 5 way **qty 1**  
'Superseal'



**0-011-56** 6 way **qty 1**  
'Superseal'

2.8mm male blade housing supplied with terminals and seals.



**0-011-71** 1 way **qty 1**  
'Delphi'



**0-011-72** 2 way **qty 1**  
'Delphi'



**0-011-73** 3 way **qty 1**  
'Delphi'

1.5mm female receptacle housing supplied with terminals and seals.



**0-011-61** 1 way **qty 1**  
'Superseal'



**0-011-62** 2 way **qty 1**  
'Superseal'



**0-011-63** 3 way **qty 1**  
'Superseal'



**0-011-64** 4 way **qty 1**  
'Superseal'



**0-011-65** 5 way **qty 1**  
'Superseal'



**0-011-66** 6 way **qty 1**  
'Superseal'

2.8mm female receptacle housing supplied with terminals and seals.



**0-011-81** 1 way **qty 1**  
'Delphi'



**0-011-82** 2 way **qty 1**  
'Delphi'
















**0-011-83** 3 way **qty 1**  
'Delphi'

## Multiple connectors








Product	Part No	Description	Quantity
	0-012-92	'Packard' timer connector 2 way. Supplied with cable seals and terminals.	1
	0-012-93	'Packard' timer connector 3 way. Supplied with cable seals and terminals.	1
	0-326-51	M24 DIN Schlemmer 2 way connector, black and grey nylon 90°. Supplied with terminals and seals for use on 10NW tubing.	1
	0-326-52	M27 version of above.	1
	0-326-53	In-line DIN Schlemmer 4 way socket connector, black nylon for use with 10NW tubing. Supplied with terminals and seals.	1
	0-326-54	90° version of above.	1
	0-326-55	Male DIN Schlemmer 5 way plug connector, black nylon for use with 10NW tubing. Supplied with terminals and seals.	1
	0-326-56	Female socket of above.	1
	0-326-57	Schlemmer type 7 way socket connector, black nylon, for use with 10NW tubing. Supplied with terminals and seals. (fits some Volvo and Mercedes lamps).	1
	0-326-58	Schlemmer type 8 pole version of above, (fits some MAN lamps).	1

## Terminals | Insulators | Connectors

For crimping tools see page 9.9

	<b>0-003-40</b> Cable entry 6mm. Terminal hole 11mm diameter. <b>qty 25</b>		<b>0-003-50</b> Cable entry 8mm. Terminal hole 15mm diameter. <b>qty 25</b>		<b>0-003-60</b> Cable entry 8 x 14mm. Terminal hole 21mm diameter. <b>qty 10</b>
	<b>0-003-70</b> Black, cable 8mm. Terminal 17mm. <b>0-003-75</b> Red version <b>qty 10</b>		<b>0-003-80</b> Black, cable 13mm. Terminal 17mm. <b>0-003-85</b> Red version <b>qty 10</b>		<b>0-001-90</b> Solder adhesive lined heat shrink butt connector. 0.20 - 0.75mm <sup>2</sup> . <b>qty 10</b>
	<b>0-001-91</b> Solder adhesive lined heat shrink butt connector. 0.60 - 2.00mm <sup>2</sup> . <b>qty 10</b>		<b>0-001-92</b> Solder adhesive lined heat shrink butt connector. 1.80 - 2.50mm <sup>2</sup> . <b>qty 10</b>		<b>0-001-93</b> Solder adhesive lined heat shrink butt connector. 2.40 - 4.50mm <sup>2</sup> . <b>qty 10</b>
	<b>0-560-04</b> "Scotchlok" for 0.65 - 1.5mm <sup>2</sup> cables. <b>qty 50</b>		<b>0-560-02</b> "Scotchlok" for 1.00 - 2.00mm <sup>2</sup> cables. <b>qty 50</b>		<b>0-005-61</b> "Scotchlok" for 3.00 - 4.50mm <sup>2</sup> 0.65 - 2.00mm <sup>2</sup> cable. <b>qty 25</b>
	<b>NEW</b> <b>0-008-20</b> 10mm <sup>2</sup> Heavy Duty Butt Splice Connector. <b>qty 10</b>		<b>NEW</b> <b>0-008-30</b> 16mm <sup>2</sup> Heavy Duty Butt Splice Connector. <b>qty 10</b>		<b>NEW</b> <b>0-008-40</b> 25mm <sup>2</sup> Heavy Duty Butt Splice Connector. <b>qty 10</b>
	<b>NEW</b> <b>0-008-50</b> 35mm <sup>2</sup> Heavy Duty Butt Splice Connector. <b>qty 10</b>		<b>NEW</b> <b>0-008-60</b> 50mm <sup>2</sup> Heavy Duty Butt Splice Connector. <b>qty 10</b>		<b>NEW</b> <b>0-008-70</b> 70mm <sup>2</sup> Heavy Duty Butt Splice Connector. <b>qty 10</b>
	<b>NEW</b> <b>0-008-80</b> 95mm <sup>2</sup> Heavy Duty Butt Splice Connector. <b>qty 10</b>				






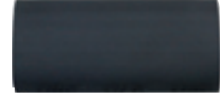



























Tinned solid copper cable sockets. Select cable diameter and stud size from the table below. Supplied in **pk10**.

	Cable dia	Cable CSA	Stud sizes in mm						
			5	6	8	10	12	14	16
	4.4mm	10mm <sup>2</sup>	0-008-21	0-008-22	0-008-23	0-008-24	0-008-25		
	5.6mm	16mm <sup>2</sup>		0-008-32	0-008-33	0-008-34	0-008-35		
	7.0mm	25mm <sup>2</sup>		0-008-42	0-008-43	0-008-44	0-008-45		
	8.2mm	35mm <sup>2</sup>		0-008-52	0-008-53	0-008-54	0-008-55		
	9.5mm	50mm <sup>2</sup>		0-008-62	0-008-63	0-008-64	0-008-65	0-008-66	
	11.5mm	70mm <sup>2</sup>			0-008-73	0-008-74	0-008-75	0-008-76	0-008-77
	13.5mm	95mm <sup>2</sup>				0-008-84	0-008-85	0-008-86	0-008-87
For crimping tools see page 9.9 or 9.10									

For crimping tools see page 9.9 or 9.10

## Terminals

For crimping tools see page 9.9

	<b>0-005-39</b> Crimp nipple for 0.65mm <sup>2</sup> cable.		<b>0-005-40</b> Crimp nipple for 1.00mm <sup>2</sup> cable.		<b>0-005-41</b> Crimp nipple for 2.00mm <sup>2</sup> cable.
crimping tool 0-004-50	qty 100	crimping tool 0-004-50	qty 100	crimping tool 0-004-50	qty 100
	<b>0-004-70</b> Solder nipple for 3.00mm <sup>2</sup> cable.		<b>0-004-71</b> Single connector for nipples.		<b>0-004-72</b> Double connector for nipples.
crimping tool 0-004-50	qty 100	assembly tool 0-004-00	qty 50	assembly tool 0-004-00	qty 25
	<b>0-005-16</b> 2.80mm push-on with locking tag for 0.50 - 1.00mm <sup>2</sup> cable.		<b>0-005-18</b> 4.80mm push-on with locking tag for 1.00 - 2.50mm <sup>2</sup> cable.		<b>0-005-28</b> 6.30mm blade, 5.00mm hole.
	qty 50		qty 50		qty 50
	<b>0-011-21</b> 6.30mm blade with locking tag for 0.65 - 1.00mm <sup>2</sup> cable.		<b>0-011-22</b> 6.30mm blade with locking tag for 1.00 - 2.50mm <sup>2</sup> cable.		<b>0-005-27</b> 6.30mm blade for 0.50 - 2.00mm <sup>2</sup> cable.
	qty 50		qty 50		qty 50
	<b>0-011-23</b> 6.30mm push-on with locking tag for 0.65 - 1.00mm <sup>2</sup> cable.		<b>0-011-24</b> 6.30mm push-on with locking tag for 1.00 - 2.50mm <sup>2</sup> cable.		<b>0-005-20</b> 6.30mm push-on for 1.00 - 2.50mm <sup>2</sup> cable.
	qty 50		qty 50		qty 50
	<b>0-005-29</b> 6.30mm push-on with high current shoe for 2.50 - 4.00mm <sup>2</sup> cable.		<b>0-005-12</b> 6.30mm piggy-back push-on for 2.00 - 2.50mm <sup>2</sup> cable.		<b>0-005-32</b> 6.30mm blade adaptor.
	qty 50		qty 50		qty 50
	<b>0-005-22</b> 9.50mm push-on for 4.00 - 6.00mm <sup>2</sup> cable.		<b>0-005-24</b> 9.50mm push-on with locking tag for 6.00 - 10.00mm <sup>2</sup> cable.		<b>0-005-34</b> 6.30mm double blade. 3.70mm hole.
	qty 50		qty 50		qty 50
	<b>0-005-30</b> 6.30mm push-on 1.00 - 2.50mm <sup>2</sup> cable.		<b>0-005-13</b> 8.00mm push-on with locking tag for 1.50 - 2.50mm <sup>2</sup> cable.		<b>0-005-35</b> 6.30mm blade x 6. 4.10mm holes.
	qty 50		qty 50		qty 50
	<b>NEW</b> <b>0-011-50</b> 15mm Superseal Terminal Male		<b>NEW</b> <b>0-011-60</b> 15mm Superseal Terminal Female		<b>0-006-03</b> Terminal for distributor cap.
	qty 10		qty 10		qty 25
	<b>0-006-10</b> Terminal for spark plug.		<b>0-006-13</b> Terminal for distributor cap.		<b>0-009-03</b> Insulator for 0-006-10.
	qty 25		qty 25		qty 25
	<b>0-009-10</b> Insulator for 0-006-13.		<b>0-009-11</b> Insulator for distributor cap.		<b>0-009-12</b> Insulator for coil.
	qty 25		qty 25		qty 25

## Terminals | Insulators | Connectors

For crimping tools see page 9.9 &amp; 9.10

	<b>0-005-19</b> Clear insulator 4.80mm.  <b>qty 50</b>		<b>0-005-21</b> Clear insulator 6.30mm.  <b>qty 50</b>		<b>0-005-26</b> White post-fit insulator 6.30mm.  <b>qty 50</b>
	<b>0-005-23</b> Clear insulator 9.50mm.  <b>qty 25</b>		<b>0-005-31</b> Clear insulator for 6.30mm flag.  <b>qty 50</b>		<b>0-005-37</b> Clear insulator for 9.50mm flag.  <b>qty 50</b>
	<b>0-005-14</b> 3.00mm bulkhead female socket for 1.00 - 2.50mm² cable. <b>qty 50</b>		<b>0-005-10</b> 3.00mm bulkhead male pin for 1.00 - 2.50mm² cable. <b>qty 50</b>		<b>0-004-74</b> 4.70mm terminal with sleeve for Ford coil.  <b>qty 50</b>
	<b>0-005-15</b> 2.00mm bulkhead female socket for 1.00 - 2.50mm² cable. <b>qty 50</b>		<b>0-005-11</b> 2.00mm bulkhead male pin for 1.00 - 2.50mm² cable. <b>qty 50</b>		<b>0-005-47</b> 4.70mm terminal 0.5 - 1.00mm² cable  <b>0-005-48</b> 1.0 - 2.50mm² cable <b>qty 50</b>
	<b>0-010-47</b> 3.80mm ring for 6.00mm² cable.  <b>qty 50</b>		<b>0-010-41</b> 5.00mm ring for 3.00mm² cable.  <b>qty 50</b>		<b>0-010-51</b> 5.30mm ring for 4.50mm² cable.  <b>qty 50</b>
	<b>0-010-52</b> 5.50mm ring for 10.00mm² cable.  <b>qty 50</b>		<b>0-010-53</b> 6.50mm ring for 7.00mm² cable.  <b>qty 50</b>		<b>0-010-55</b> 8.00mm ring for 10.00mm² cable.  <b>qty 50</b>
	<b>0-010-40</b> 9.80mm ring for 10.00mm² cable.  <b>qty 50</b>		<b>0-010-54</b> 9.50mm ring for 10.00mm² cable.  <b>qty 50</b>		<b>0-003-61</b> 10.10mm hole for 9.5mm diameter conductor.  <b>qty 10</b>
	<b>0-002-62</b> 9.50mm hole for 7.9mm diameter conductor. MOD 5940.99.400.8491. <b>qty 25</b>		<b>0-003-51</b> 13.50mm hole. 9.50mm diameter conductor.  <b>qty 25</b>		<b>0-003-53</b> Ford type 6.30mm hole for 9.5mm diameter conductor. <b>qty 25</b>
	<b>0-003-52</b> 7.90mm hole. 7.10mm diameter conductor.  <b>qty 25</b>		<b>0-003-57</b> 10.00mm hole. 8mm diameter conductor.  <b>qty 25</b>		<b>0-003-54</b> 6.00mm hole. 7.10mm diameter conductor.  <b>qty 25</b>

**0-466-00**

Cable connector, solid brass body, with four grub screws and heat shrinkable, polyolefin sleeving. For cables up to 25mm².

**10****0-466-01**

As above, for cables up to 40mm².

**10**

## Bus bars | Junction boxes

Product	Part No	Description	Quantity
	<b>NEW</b>	Heavy-duty modular design bus bar.	
	<b>0-005-57</b>	With 4 terminal studs. For up to 48V, 300A.	<b>1</b>
	<b>0-005-58</b>	With 6 terminal studs. For up to 48V, 300A.	<b>1</b>
	<b>0-005-59</b>	With 12 terminal studs. For up to 48V, 100A.	<b>1</b>
	<b>0-005-60</b>	With 4 insulated terminal studs. For up to 48V, 200A.	<b>1</b>
	<b>0-466-50</b>	Black moulded insulated housing for cables up to 25mm <sup>2</sup> . Contains 2 x M8 studs.	<b>1</b>
	<b>0-005-38</b>	Terminal block 7 way, 2 x 5.4mm diameter, 5 x 4mm diameter. Single fixing hole, 3.2mm diameter.	<b>1</b>
	<b>0-005-52</b>	Terminal block, phenolic base, 25A, 2 x 4 way, 6.3mm common plated brass blade terminals. I 12 x w 50 x h 22mm.	<b>1</b>
	<b>0-005-53</b>	Terminal block, phenolic base, 25A, 3 x 6 way, 6.3mm common plated brass blade terminals. I 28 x w 50 x h 22mm.	<b>1</b>
	<b>0-005-50</b>	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.	<b>1</b>
	<b>0-005-55</b>	As above but 150A, with 10 screws.	<b>1</b>
	<b>0-005-51</b>	Bus bar, 100A, tin plated copper bar with 4 stainless steel 3/16" UNF studs. ABS insulating base with recessed 5mm mounting holes.	<b>1</b>
	<b>0-005-56</b>	As above but 150A, with 4 stainless steel 1/4" UNF studs.	<b>1</b>
	<b>0-697-00</b>	Junction , 8 way, black phenolic body and lid, with waterproof cable glands at each end. Lid has waterproof gasket all round, and is secured by a single knurled screw. I 147 x w 73 x h 43mm.	<b>1</b>
	<b>NEW</b> <b>0-697-20</b>	8 Way Junction Box. 50V DC, 15A max load per circuit, Max total current 120A if all 8 connectors are used. 50A for any single way where no other terminals are used.	<b>1</b>
	<b>0-697-10</b>	Universal junction box, moulded in grey plastic with removable lid and 'O' ring seal. Protected to IP56.	<b>1</b>
	<b>0-697-15</b>	150 x 110 x 70mm, accepts all glands.	<b>1</b>



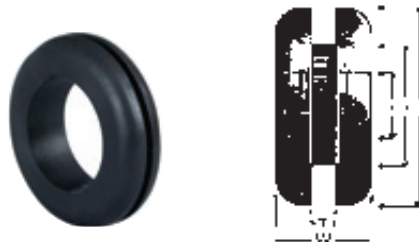
## High current connectors

Product	Part No	Description	Quantity
		High current connector, Grey polycarbonate housing with silver plated solid copper terminals.	
	0-431-05	Rated 50A.	1
	0-431-75	Rated 175A.	1
	0-431-35	Rated 350A.	1
		High current connector, Red polycarbonate housing with silver plated solid copper terminals.	
	0-432-05	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
		High current 30A connector, polycarbonate with silver plated solid copper terminals. Can be ganged together.	
	0-014-01	Black.	10
	0-014-02	Blue.	10
	0-014-05	Red.	10
	0-014-08	Yellow.	10
		High current 75A connector, polycarbonate with silver plated solid copper terminals. Can be ganged together.	
	0-014-51	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

## Connectors | Chassis clips | Cable clips

Product	Part No	Description	Quantity
		Nylon cable connector strip with steel screws and insert.	10
	0-598-00	5A for 2.5mm <sup>2</sup> cable. Strip of 12.	
	0-596-00	10A for 4-6mm <sup>2</sup> cable. Strip of 12.	
	0-599-00	15A for 8mm <sup>2</sup> cable. Strip of 12.	
	0-688-00	25A for 10mm <sup>2</sup> cable. Strip of 12.	
	0-689-00	50A for 16mm <sup>2</sup> cable. Strip of 12.	
NEW			
	0-675-00	Nylon 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 liner, 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.	
		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.	

## Cables ties | Grommets

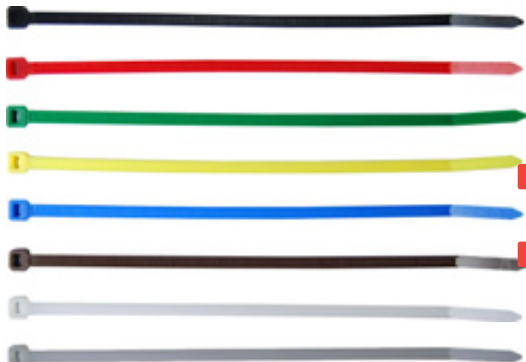
Product	Part No	Description	Quantity				
	Black PVC wiring grommets (sizes in mm).						
		Z	Y	X	T	W	
	0-447-01	9.52	6.36	3.96	1.57	6.35	100
	0-447-02	9.52	6.36	4.74	1.57	7.13	100
	0-447-03	11.09	7.92	5.53	1.57	5.53	100
	0-447-04	14.27	9.25	6.35	1.57	6.35	100
	0-447-05	15.87	12.70	7.92	1.57	6.35	100
	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	Assorted sized wiring grommets. Each contains:					100
	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				

Black PVC blanking grommets (sizes in mm).





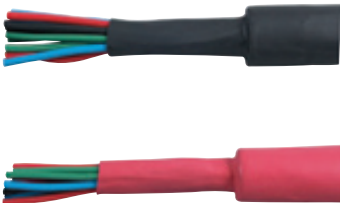


	Z	Y	T	W	
0-452-23	9.52	6.35	1.57	4.74	100
0-452-24	15.87	9.52	1.57	7.13	100
0-452-25	19.05	12.70	1.57	7.13	100
0-452-26	22.22	15.87	1.57	7.92	100
0-452-16	25.40	19.05	1.57	7.92	25
0-452-18	28.57	22.22	1.57	9.52	25
0-452-19	31.75	25.40	1.57	8.71	25
0-452-20	38.10	31.75	1.57	7.14	10
0-452-21	44.45	38.10	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		

Standard nylon 6.6 cable ties.

100

	White	Black	Silver	
	0-002-30	0-002-52		100 x 2.5mm.
	0-002-31	0-002-50		120 x 4.8mm.
		NEW 0-002-40		140 x 3.6mm.
	0-002-32	0-002-53		160 x 2.5mm.
	0-002-33	0-002-54		200 x 2.5mm.
	NEW 0-002-28	NEW 0-002-46		200 x 4.8mm.
	0-002-34	0-002-65		250 x 4.8mm.
	0-002-35	0-002-55		295 x 3.6mm.
	NEW 0-002-29	NEW 0-002-47	NEW 0-002-20	300 x 4.8mm.
		NEW 0-002-48		300 x 7.6mm.
	0-002-36	0-002-56	NEW 0-002-21	370 x 4.8mm.
		NEW 0-002-49		370 x 7.6mm.
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.	
	NEW Blue	0-002-12	200 x 4.8mm.	
	NEW Brown	0-002-13	200 x 4.8mm.	
	NEW Green	0-002-14	200 x 4.8mm.	
	NEW Red	0-002-15	200 x 4.8mm.	
	NEW Yellow	0-002-18	200 x 4.8mm.	

## Sleeving

Product	Part No	Description	Quantity		
		Adhesive backed fixing base for cable ties up to 5mm wide. Base 28 x 28mm.	25		
	0-002-41 0-002-51	Moulded black nylon. Moulded white nylon.			
		Fixing base for cable ties up to 5mm wide.	25		
	0-002-42 0-002-43	Moulded black nylon, 19 x 9.5mm. Moulded white nylon, 19 x 9.5mm.			
		Fixing base for cable ties up to 9mm wide.	25		
	0-002-44 0-002-45	Moulded black nylon, 23 x 15mm. Moulded white nylon, 23 x 15mm.			
	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	
	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

## Convuluted tubing | Connectors

Product	Part No	Description	Quantity
		Polyethylene spiral binding, ideal for electrical harnesses and wiring looms. Protects cables against chafing.	
	<b>Black</b>	<b>White</b>	<b>O/D</b>
	<b>0-332-60</b>		3.1 mm
	<b>0-332-61</b>	<b>0-332-51</b>	6.0 mm
	<b>0-332-62</b>	<b>0-332-52</b>	11.8 mm
			10.0 - 100.00 mm
			1.2 mm
			coil 30 metre
			
		<b>NW</b>	<b>I/D</b>
	<b>0-330-07</b>	7.5	6.7mm
	<b>0-330-10</b>	10	9.9mm
	<b>0-330-13</b>	13	12.7mm
	<b>0-330-17</b>	17	16.6mm
	<b>0-330-22</b>	22	21.3mm
			
		<b>NW</b>	<b>I/D</b>
	<b>0-331-07</b>	7.5	6.7mm
	<b>0-331-10</b>	10	9.9mm
	<b>0-331-13</b>	13	12.7mm
	<b>0-331-17</b>	17	16.6mm
	<b>0-331-22</b>	22	21.3mm
	<b>0-331-26</b>	26	25.8mm
			
		<b>NW</b>	<b>I/D</b>
	<b>0-328-07</b>	7.5	6.9mm
	<b>0-328-10</b>	10	8.5mm
	<b>0-328-13</b>	13	11.1mm
	<b>0-328-17</b>	17	15.0mm
	<b>0-328-22</b>	22	19.1mm
	<b>0-328-26</b>	26	26.3mm
			
		<b>I/D</b>	<b>O/D</b>
	<b>0-331-63</b>	14.5mm	22.2mm
	<b>0-331-69</b>	19.4mm	26.7mm
			
	<b>0-331-98</b>		
	<b>0-331-99</b>		
			
		<b>I/D</b>	
	<b>0-334-63</b>	12.7mm	
	<b>0-334-75</b>	25.0mm	
			
		<b>NW</b>	<b>A</b>
	<b>0-327-10</b>	7.5	7.5
	<b>0-327-11</b>	10	10
	<b>0-327-12</b>	13	7.5
	<b>0-327-13</b>	13	10
	<b>0-327-14</b>	13	10
	<b>0-327-15</b>	13	13
	<b>0-327-16</b>	17	13
	<b>0-327-17</b>	17	13
	<b>0-327-18</b>	22	10
	<b>0-327-19</b>	22	13
	<b>0-327-20</b>	26	22

## Connectors | Interfaces

Product

Part No

Description

Quantity



Black nylon unsealed 'T' piece connectors.

	NW	A	B	C	
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



Black nylon unsealed interfaces for AMP connectors.

	NW	Type	Connector	
0-326-11	7.5	in-line	Superseal 2-way	1
0-326-12	10	in-line	Superseal 2-way	1
0-326-13	10	in-line	Superseal 3-way	1
0-326-14	10	90°	Superseal 3-way	1
0-326-15	10	in-line	Superseal 4-way	1
0-326-16	10	in-line	Superseal 5-way	1
0-326-17	10	in-line	Superseal 6-way	1



Black polycarbonate sealed 'T' fitting with nylon cap nuts. Comes with sealing rings to provide protection to IP67, use with un-split tubing.

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



Black nylon sealed connection gland. Comes with sealing rings to provide protection to IP67, use with un-split tubing.

	NW	
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



Black nylon unsealed 90° elbow connectors.








	NW	
0-327-01	10	1
0-327-02	13	1
0-327-03	17	1
0-327-04	22	1








## Chassis clips | Tube reducer | Tape

Product	Part No	Description	Quantity
	Black nylon clamping chassis 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
	NW13 with 6 cable outlets		0-326-91
	NW17 with single cable outlet		0-326-92
	NW22 with single cable outlet		0-326-93
	Black PVC adhesive tape, 19mm x 20 metre roll.		qty 10
			0-615-00
	Black PVC non-adhesive loom tape, 19mm x 40 metre roll.		qty 1
			5-615-00
	Coloured PVC adhesive tape, 19mm x 5 metre roll.		
	Black.	qty 12	qty 1
	Blue.	0-557-01	5-557-01
	Green.	0-557-02	5-557-02
	Grey	0-557-04	5-557-04
	Red.	0-557-05	5-557-05
	White.	0-557-07	5-557-07
	Yellow.	0-557-08	5-557-08
	Green/Yellow.	0-557-48	5-557-48
	NEW		
	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 guideline.		
	13mm x 50 metre roll.	qty 5	qty 1
	16mm x 50 metre roll.	0-527-00	5-527-00
		0-528-00	5-528-00

## Tape | Charging clips and insulators

Product	Part No	Description	Quantity
	0-557-38	Aluminium covered woven fibreglass adhesive tape. Protects cables and looms 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
	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
	0-140-01	Insulating sleeves, red and black, moulded in soft PVC, for use on part 0-140-05 and 0-261-00 clips.	5 pair
	0-186-00	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 terminals.	1 pair
	0-187-01	Black.	10
	0-187-05	Red.	10

## Charging clips | Battery leads

Product	Part No	Description	Quantity
	<b>0-187-50</b>	50A crocodile clip, plated steel. 102mm long. Jaw opening 50mm.	<b>25</b>
	<b>0-263-50</b>	As above.	<b>10</b>
	<b>0-153-00</b>	2 red, 2 black.	<b>2 pair</b>
	<b>0-153-01</b>	Black only.	<b>1</b>
	<b>0-153-05</b>	Red only.	<b>1</b>
	<b>0-153-50</b>	2 red 2 black.	<b>2 pair</b>
	<b>0-153-51</b>	Black only.	<b>1</b>
	<b>0-153-55</b>	Red only.	<b>1</b>
	<b>0-154-00</b>	Universal battery jumper, Silicon insulated 10A cable with 25A clips. 600mm long overall.	<b>10</b>
<b>Battery to battery leads, 37/0.90mm, 25mm<sup>2</sup>, 170A.</b>			
	as illustrated		reverse of illustration
		<b>qty 5</b>	<b>qty 5</b>
	150mm	<b>0-622-06</b>	150mm <b>0-622-56</b>
	225mm	<b>0-622-09</b>	225mm <b>0-622-59</b>
	300mm	<b>0-622-12</b>	300mm <b>0-622-62</b>
<b>Battery to battery leads, 61/0.90mm, 40mm<sup>2</sup>, 300A.</b>			
	as illustrated		reverse of illustration
		<b>qty 5</b>	<b>qty 5</b>
	150mm	<b>0-621-06</b>	150mm <b>0-621-56</b>
	225mm	<b>0-621-09</b>	225mm <b>0-621-59</b>
	300mm	<b>0-621-12</b>	300mm <b>0-621-62</b>
<b>Battery to battery leads, 61/1.13mm, 60mm<sup>2</sup>, 415A.</b>			
	as illustrated		reverse of illustration
		<b>qty 5</b>	<b>qty 5</b>
	150mm	<b>0-623-06</b>	150mm <b>0-623-56</b>
	225mm	<b>0-623-09</b>	225mm <b>0-623-59</b>
	300mm	<b>0-623-12</b>	300mm <b>0-623-62</b>

## Battery leads

Universal battery leads, 266/0.30mm, 20mm<sup>2</sup>, 135A, 8mm terminal.

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

Starter to switch leads, 37/0.90mm, 25mm<sup>2</sup>, 170A, 8mm terminals.

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

Starter to switch leads, 61/0.90mm, 40mm<sup>2</sup>, 300A, 10mm terminals.

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

Starter to switch leads, 61/1.13mm, 60mm<sup>2</sup>, 415A, 10mm terminals.

	300mm	qty 5	0-663-12
	450mm		0-663-18

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

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


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

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

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

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

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

	225mm	qty 5	0-232-09
	300mm		0-232-12
	375mm		0-232-15
	450mm		0-232-18
	525mm		0-232-21
	600mm		0-232-24

## Earth straps | Braids

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



positive

	qty 5
225mm	1-404-09
375mm	1-404-15
450mm	1-404-18

negative

	qty 5
225mm	2-404-09
375mm	2-404-15
450mm	2-404-18

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



positive

	qty 5
300mm	1-742-12
375mm	1-742-15
450mm	1-742-18
525mm	1-742-21

negative

	qty 5
300mm	2-742-12
375mm	2-742-15
450mm	2-742-18
525mm	2-742-21

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



	qty 5
300mm	0-710-12
450mm	0-710-18
525mm	0-710-21

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



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

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



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

**Tinned copper braids.**



**0-190-00** 8mm wide, 24/5/0.20mm, 4.0mm<sup>2</sup>, 35A.

**coil 5 metres**



**0-189-00** 24mm wide, 32/16/0.20mm, 16.0mm<sup>2</sup>, 110A.

**coil 10 metres**



**0-288-00** 10mm diameter, 24/9/0.30mm, 16.0mm<sup>2</sup>, 110A.

**coil 10 metres**



**0-566-00** 13mm diameter, 16/32/0.30mm, 37.0mm<sup>2</sup>, 260A.

**coil 10 metres**

## Stamped hot brass battery terminals


Product	Part No	Description	Quantity
	1-020-01	Standard S.M.M.T. positive terminals drilled 7.5mm for 25mm <sup>2</sup> cable.	10
	1-020-10	As above.	100
	5-020-01	Single unit, as above.	1
	2-020-01	Standard S.M.M.T. negative terminals, details as above.	10
	2-020-10	As above.	100
	6-020-01	Single unit, as above.	1
	1-155-01	Standard S.M.M.T. positive terminals drilled 9.5mm for 40mm <sup>2</sup> cable.	10
	1-155-10	As above.	100
	5-155-01	Single unit, as above.	1
	2-155-01	Standard S.M.M.T. negative terminals, details as above.	10
	2-155-10	As above.	100
	6-155-01	Single unit, as above.	1
	1-388-01	Commercial S.M.M.T. positive terminals drilled 11.1mm for 60mm <sup>2</sup> cable.	10
	1-388-10	As above.	100
	5-388-01	Single unit, as above.	1
	2-388-01	Commercial negative terminals, details as above.	10
	2-388-10	As above.	100
	6-388-01	Single unit, as above.	1
	1-224-01	Heavy duty S.M.M.T. positive terminals drilled 14.3mm for cable of extra large size.	10
	1-224-10	As above.	100
	5-224-01	Single unit, as above.	1
	2-224-01	Heavy duty S.M.M.T. negative terminals, details as above.	10
	2-224-10	As above.	100
	6-224-01	Single unit, as above.	1
	1-018-01	Solderless positive terminals drilled 8.9mm for 37/0.90mm 25mm <sup>2</sup> and 61/0.90mm 40mm <sup>2</sup> cable.	10
	1-018-10	As above.	100
	5-018-01	Single unit, as above.	1
	2-018-01	Solderless negative terminals, details as above.	10
	2-018-10	As above.	100
	6-018-01	Single unit, as above.	1
	1-558-01	Commercial solderless positive terminals drilled 11.1mm for 61/1.13mm 60mm <sup>2</sup> cable.	10
	1-558-10	As above.	100
	5-558-01	Single unit, as above.	1
	2-558-01	Commercial solderless negative terminals, as above.	10
	2-558-10	As above.	100
	6-558-01	Single unit, as above.	1
	1-559-01	Heavy duty solderless positive terminals drilled 14.3mm for cable of extra large size.	10
	1-559-10	As above.	100
	5-559-01	Single unit, as above.	1
	2-559-01	Heavy duty solderless negative terminals, as above.	10
	2-559-10	As above.	100
	6-559-01	Single unit, as above.	1



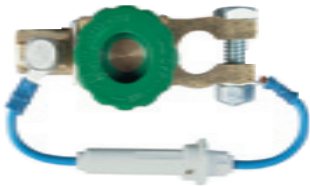







## Metric battery terminals

Product	Part No	Description	Quantity
	<b>NEW</b> 5-028-01	Metric Solderless Battery Terminal to fit up to 40mm <sup>2</sup> cable. Positive	1
	1-028-01	As above, in a pack of 10.	10
	1-028-10	As above, in a sack of 100.	100
	6-028-01	Metric Solderless Battery Terminal to fit up to 40mm <sup>2</sup> cable. Negative	1
	2-028-01	As above, in a pack of 10.	10
	2-028-10	As above, in a sack of 100	100
	<b>NEW</b> 5-038-01	Metric Solderless Battery Terminal to fit up to 60mm <sup>2</sup> cable. Positive	1
	1-038-01	As above, in a pack of 10.	10
	1-038-10	As above, in a sack of 100.	100
	6-038-01	Metric Solderless Battery Terminal to fit up to 60mm <sup>2</sup> cable. Negative	1
	2-038-01	As above, in a pack of 10.	10
	2-038-10	As above, in a sack of 100	100
	<b>NEW</b> 5-048-01	Metric Solderless Battery Terminal to fit up to 120mm <sup>2</sup> cable. Positive	1
	1-048-01	As above, in a pack of 10.	10
	1-048-10	As above, in a sack of 100.	100
	6-048-01	Metric Solderless Battery Terminal to fit up to 120mm <sup>2</sup> cable. Negative	1
	2-048-01	As above, in a pack of 10.	10
	2-048-10	As above, in a sack of 100	100
	<b>NEW</b> 5-102-01	Metric Battery Terminal with 8mm stud. Positive	1
	1-102-01	As above, in a pack of 10.	10
	1-102-10	As above, in a sack of 100.	100
	6-102-01	Metric Battery Terminal with 8mm stud. Negative	1
	2-102-01	As above, in a pack of 10.	10
	2-102-10	As above, in a sack of 100.	100
	<b>NEW</b> 5-103-01	Metric Battery Terminal with 10mm stud. Positive	1
	1-103-01	As above, in a pack of 10.	10
	1-103-10	As above, in a sack of 100.	100
	6-103-01	Metric Battery Terminal with 10mm stud. Negative	1
	2-103-01	As above, in a pack of 10.	10
	2-103-10	As above, in a sack of 100.	100

## Battery terminals

Product	Part No	Description	Quantity
	1-016-01	Pressed brass positive terminals for 25mm² 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
	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
		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
	2-100-04	S.M.M.T. negative terminals, details as above.	10
	6-100-04	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. Replaces 24188360/1.	2
	1-017-01	Small Japanese positive terminals drilled 9.4mm for 266/0.30mm 20mm² and 37/0.90mm 25mm² cable.	10
	5-017-01	Single unit, as above.	1
	2-017-01	Small 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
 <div> <div>Negative terminal</div> <div>Positive terminal</div> </div>	0-023-00	Quick Release Battery Terminals - Positive and Negative. Made of natural brass. Pack of 2 (1 Positive and 1 negative). For vehicle battery up to 50mm².	1
	1-023-00	Quick release battery terminal. Positive only.	1
	2-023-00	Quick release battery terminal. Negative only	1

## Battery terminals | Battery terminals 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 all side entry battery terminals.	10
	5-558-99	Single unit, red, as above.	1
	2-558-99	As above in black.	10
	6-558-99	Single unit, black, 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 black.	10
	6-100-99	Single unit, black, 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-tin plated.	10
	0-456-19	Battery terminal self-tapping screws, No. 10 x 16mm pan head, electro-tin plated.	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-tin plated steel.	10
	0-745-14	Hexagon full nut for above.	10
	0-394-02	Battery terminal clamping bolt, 5/16" Whitworth x 38mm long, 13mm square head, electro-tin plated steel.	10
	0-394-14	Hexagon full nut for above.	10

32mm flat ended glass. Note: Blow rating is specified as double the continuous rating.



part no.	continuous	qty
0-374-01	1A	10
0-374-02	2A	10
0-374-03	3A	10
0-374-04	4A	10
0-374-05	5A	10
0-374-07	7.5A	10
0-374-10	10A	10
0-374-15	15A	10
0-374-25	12.5A	10
0-374-30	15A	10
0-374-35	17.5A	10
0-374-40	20A	10
0-374-50	25A	10

29mm flat ended glass. Note: Blow rating is specified as double the continuous rating.



part no.	continuous	qty
0-355-10	5A	10
0-355-20	10A	10
0-355-30	15A	10
0-355-40	20A	10
0-355-50	25A	10

25mm flat ended glass. Note: Blow rating is specified as double the continuous rating.



part no.	continuous	qty
0-354-02	1A	10
0-354-03	1.5A	10
0-354-05	2.5A	10
0-354-08	4A	10
0-354-10	5A	10
0-354-15	7.5A	10
0-354-20	10A	10
0-354-25	12.5A	10
0-354-30	15A	10

20mm radio glass, rapid blow.



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

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



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

Mains to BS1362.



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

## 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 puller	10
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## 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

## Product

## Part No

## Description

## Quantity



Strip link fuses, 36V dc rated, DIN 72581/2. Fitting fuseholder 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 fuseholders 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	yellow	1
0-378-17	70A	brown	1
0-378-18	80A	white	1
0-378-20	100A	blue	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 fuseholder 0-376-85.

part no.	rating	colour	qty
0-376-10	100A	yellow	1
0-376-12	125A	green	1
0-376-15	150A	orange	1
0-376-17	175A	white	1
0-376-20	200A	blue	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	purple	1
0-376-45	450A	d/yellow	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	yellow	1
0-379-67	70A	tan	1
0-379-68	80A	black	1
0-379-70	100A	blue	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	yellow	1
0-379-77	70A	brown	1
0-379-78	80A	black	1
0-379-80	100A	blue	1
0-379-82	120A	white	1

## Fuses

Product	Part No	Description	Quantity
	<b>PAL type male fuses, 32 volt dc rated, JASO 0612.</b>		
	<b>part no.</b>	<b>rating</b>	<b>colour</b>
	0-379-53	30A	pink
	0-379-54	40A	green
	0-379-55	50A	red
	0-379-56	60A	yellow
	0-379-57	70A	tan
	0-379-58	80A	black
	0-379-60	100A	blue
	0-379-62	120A	white
	<b>PAL type female fuses, 32 volt dc rated, JASO 0612.</b>		
	<b>part no</b>	<b>rating</b>	<b>colour</b>
	0-379-02	20A	blue
	0-379-03	30A	pink
	0-379-04	40A	green
	0-379-05	50A	red
	0-379-06	60A	yellow
	<b>PAL type female fuses, 32 volt dc rated, JASO 0612.</b>		
	<b>part no.</b>	<b>rating</b>	<b>colour</b>
	0-379-44	45A	red
	0-379-46	65A	black
	0-379-47	75A	grey
	<b>PAL type female fuses, 32 volt dc rated, JASO 0612.</b>		
	<b>part no.</b>	<b>rating</b>	<b>colour</b>
	0-379-13	30A	pink
	0-379-14	40A	green
	<b>PAL type female fuses, 32 volt dc rated, JASO 0612.</b>		
	<b>part no.</b>	<b>rating</b>	<b>colour</b>
	0-379-25	25A	brown
	0-379-30	30A	green
	<b>JCASE female cartridge fuses, 32 volt dc rated.</b>		
	<b>part no.</b>	<b>rating</b>	<b>colour</b>
	0-379-32	20A	blue
	0-379-33	30A	pink
	0-379-34	40A	green
	0-379-35	50A	red
	0-379-36	60A	yellow
	<b>Low Profile JCASE female cartridge fuses, 58 volt dc rated.</b>		
	<b>part no.</b>	<b>rating</b>	<b>colour</b>
	0-379-15	20A	blue
	0-379-16	25A	white
	0-379-17	30A	pink
	0-379-18	40A	green
	0-379-19	50A	red
	0-379-20	60A	yellow



## Diodes | In-line fuse holders

Product	Part No	Description	Quantity
	0-372-00	Diode, mini fuse size, 1A 150 volt.	10
	0-834-10	Universal in-line diode, 10A 50 volt dc, with male (-) and female (+) 6.30mm Lucar terminals.	10
	0-584-00	In-line fuseholder for 32mm fuses. Moulded in white nylon. Cable connections to 6.3mm terminals on 2.00mm <sup>2</sup> cable. Supplied without fuse.	5
	0-591-00	In-line fuseholder for 32mm fuses. Moulded in black phenol, screw terminal cable connections. Supplied with 35A fuse.	5
	0-591-50	Panel mount fuseholder for 32mm fuses up to 10A rating, for mounting into 13mm diameter hole. Bayonet retaining cap for fuse. 6.3mm blade terminal cable connections. Length 60mm.	5
	5-591-50	Single unit, as above.	1
	0-584-90	Splash proof in-line fuseholder protected to IP66. For 32mm fuses up to 10A rating. Moulded in polybutylene with PVC grommets and a nitrile "O" ring. Nickel plated brass screw terminal cable connection.	5
	0-584-10	In-line fuseholder for continental fuses. Moulded black phenol, bayonet fixing, with 6.3mm blade terminal cable connections. Supplied with 8A rated ceramic fuse.	5
	0-584-20	In-line fuseholder for 20mm radio fuses. Moulded black phenol, with 0.65mm <sup>2</sup> flying leads and 6.3mm blade terminals. Supplied with 2A rated fuse.	5
	0-584-02	In-line fuseholder for 20mm radio fuses. Moulded black phenol, bayonet fixing, with cable connections to screw terminals. Supplied with 2A rated fuse.	5
	0-372-90	Mini blade fuse holder with flying leads and snap-on splash-proof cover. Maximum fuse rating 15A continuous.	5
	5-372-90	Single unit, as above.	1
	0-372-99	'Add a Circuit' mini blade fuse holder, adds one extra fuse when use to replace a blade fuse in a fuse . Maximum fuse rating 10A continuous.	5
	5-372-99	Single unit, as above.	1

## Fuse holders

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






## 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 100A. 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 100A. 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







## Fuse boxes | Circuit breakers

Product	Part No	Description	Quantity
	0-234-18	Blade fuse box, 8-way through panel mounting. 6.3mm blade terminals cable connections. Supplied without fuses.	1
	0-234-60	Splashproof blade 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 blade terminals. 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 panel mounting, 6.3mm blade terminals. 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 blade terminals. 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
	0-234-00 0-236-00	Continental type fuse box with screw terminals. Supplied with 8A ceramic fuses. 4-way fuse 6-way fuse	1 1
	0-380-55 0-380-60 0-380-65	Circuit breaker, for 12/24 volt dc systems. Thermal with manual re-set. Will replace standards mini blade fuses in many fuseholders and boxes.  Rated at 5A 10A 15A colour tan red blue	1

## Circuit breakers






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

## Circuit breakers | Fuse sets

Product	Part No	Description	Quantity
		Circuit breaker, for 12/24 volt dc systems. Thermal bi-metallic with manual re-set and manual trip. For mounting on pin base, part numbers 0-385-98 blade or 0-385-99 screw connectors.	1
	0-385-05	Rated at 5A	
	0-385-10	10A	
	0-385-20	20A	
		Circuit breaker, for 12/24 volt dc systems. Thermal bi-metallic with manual re-set. For panel mounting in 12mm diameter hole.	1
	0-388-20	Rated at 20A	
	0-388-30	30A	
	0-388-40	40A	
	0-388-50	50A	
	0-388-60	60A	
	0-388-70	70A	
	0-388-97	Splash proof cover for the above.	1
		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.	1
	0-386-80	Rated at 80A	
	0-386-10	100A	
	0-386-12	125A	
		Moulded plastic mounting bases accommodating circuit breakers. Can be joined together to form a bank.	2
	0-384-98	Accepts 6.3mm blades, cable connection 6.3mm blade.	
	0-385-98	Accepts 4.4mm pins, cable connection 6.3mm blade.	
	0-384-99	Accepts 6.3mm blades, cable connection screw terminal.	
	0-385-99	Accepts 4.4mm pins, cable connection screw terminal.	
	0-235-00	Kit of assorted fuses in a sectionalised plastic box.	1
		Comprises:  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	
	0-203-00	Pre-insulated terminal kit and tool in a sectionalised plastic box.	1
		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	



Terminal kits | Slave leads

Product	Part No	Description	Quantity
	0-208-00	Pre-insulated terminal kit in a sectionalised plastic box.  Comprises:  <div> 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 </div>	1
	0-204-00	Set of two slave leads, 2.5 metres long, 266/0.30mm, 20mm <sup>2</sup> , 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 <sup>2</sup> , 170A PVC insulated cable. Fitted with plated steel crocodile clips.	1 set
	0-205-10	As above but 5 metres long.	1 set
	0-205-11	Set of two heavy duty slave leads, 5 metres long, 322/0.30mm, 25mm <sup>2</sup> , 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 <sup>2</sup> , 300A PVC insulated cable. Fitted with plated steel crocodile clips with copper braid bonded jaws.	1 set
	0-205-20	As above but 5 metres long.	1 set



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## 5

VOLTAGE  
INVERTERS

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## Sine wave voltage inverters

Product	Part No	Description	Quantity
		<b>125W, 230V AC output.</b>	
	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
		<b>250W, 230V AC output.</b>	
	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
		<b>500W, 230V AC output.</b>	
	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
		<b>800W, 230V AC output.</b>	
	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 standard UK 3-pin socket outlet and on/off switch.	1
	0-857-58	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
		<b>2200W, 230V AC output.</b>	
	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 standard UK 3-pin socket outlet and on/off switch.	1
	0-857-72	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1
		<b>2700W, 230V AC output.</b>	
	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 2 standard UK 3-pin socket outlet and on/off switch.	1
	0-857-77	24V version of the above.	1
	0-856-98	Remote control unit for above with 5 metres of cable.	1







## 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 (l 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 (l 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

## Modified wave voltage inverters

Product	Part No	Description	Quantity
		<b>125W, 230V AC output</b>	1
	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.	
	<b>NEW</b> 0-856-00	<b>140W, 230V AC output</b> 140W Mini Can Modified wave inverter, input 10-15V DC to 230V AC 50 Hz output. <ul style="list-style-type: none"> <li>Rated at 140W continuous with a quiescent current &lt;0.45A.</li> <li>Protected against overload, over temperature, low battery and short circuit</li> <li>Supplied with a standard UK three pin socket outlet, on/off switch, USB port rated at 1A and a cigarette plug with 80cm of cable.</li> </ul>	1
		<b>250W, 230V AC output</b>	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
		<b>500W, 230V AC output</b>	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
		<b>1000W, 230V AC output</b>	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.	
		<b>1500W, 230V AC output</b>	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

## Modified wave voltage inverters

Product	Part No	Description	Quantity
	<b>1500W, 110V AC output</b>		
	<b>0-856-16</b>	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.	<b>1</b>
	<b>0-856-66</b>	24V version of the above.	<b>1</b>
	<b>0-856-98</b>	Remote control unit for above with 5 metres of cable.	<b>1</b>
	<b>2200W, 230V AC output</b>		
	<b>0-856-22</b>	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 standard UK 3-pin socket outlet, on/off switch and cigarette lighter plug and cable.	<b>1</b>
	<b>0-856-72</b>	24V version of the above.	<b>1</b>
	<b>0-856-98</b>	Remote control unit for above with 5 metres of cable.	<b>1</b>
	<b>3000W, 230V AC output</b>		
	<b>0-856-30</b>	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 standard UK 3-pin socket outlet, on/off switch and cigarette lighter plug and cable.	<b>1</b>
	<b>0-856-80</b>	24V version of the above.	<b>1</b>
	<b>0-856-98</b>	Remote control unit for above with 5 metres of cable.	<b>1</b>

## 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	2200W	2500W	3000W
Radio / Laptop / Television	√	√	√	√	√	√	√	√
Video / Fax machine		√	√	√	√	√	√	√
Small power tool / 500W halogen lamp			√	√	√	√	√	√
Drill / Coffee maker / Hair dryer				√	√	√	√	√
Microwave (>600W) / Kettle					√	√	√	√
Large power tool						√	√	√
Small fridge / Freezer							√	√
Electric heater / Sauna stove								√



## 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	110V
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
Overload protection	Yes	Yes	Yes	Yes	Yes	Yes
Short circuit protection	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions (l 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	110V
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
Overload protection	Yes	Yes	Yes	Yes	Yes	Yes
Short circuit protection	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions (l 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

## Modified wave voltage inverters

## Specifications

Part Number	0-856-22 (12V)	0-856-30 (12V)	0-856-00 (12V)
Output power	2200W	3000W	140W
Output surge (5 sec)	4400W	6000W	280W
AC outputV	230V	230V	230V
Regulation	±5%	±5%	±5%
Output waveform	Modified wave	Modified wave	Modified wave
DC inputV	10-15V	10-15V	10-15V
Low battery alarm	11V ±0.5V	10.5V ±0.5V	10V ±0.5V
LowV shutdown	10.5V ±0.5V	10V ±0.5V	9.5V ±0.5V
Frequency ±1%	50 Hz	50 Hz	50 Hz
Efficiency	90%	90%	85%
No-load current	< 1.2A	< 1A	< 0.45A
Overtemp protection	55°C ± 5°C	55°C ± 5°C	60° + 10°C
Cooling fan	Yes	Yes	No
Overload protection	Yes	Yes	Yes
Short circuit protection	Yes	Yes	Yes
Dimensions (l x w x h)	470 x 203 x 116mm	400 x 135 x 148mm	160 x 70 x 70mm
Net weight	4.9 Kg	5.9 Kg	0.428 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 (l x w x h)	470 x 203 x 116mm	400 x 135 x 148mm
Net weight	4.9 Kg	5.9 Kg

# 6

## CCTV KITS & VEHICLE SAFETY



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Product	Part No	Description	Quantity
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## Durite CCTV reversing kits


Durite CCTV kits allow drivers to reverse more safely by improving visibility and reducing blind spots. health and safety is our priority for all businesses.


### High performance 5" and 7" reversing kits


- Dual voltage 12V/24V kits fit most vehicles
- High resolution TFT LCD monitor
- Short-circuit protected
- Waterproof 4-pin screw connectors


### User-friendly solution

- Audio function
- Automatic Day/Night mode
- Side or Rear view automatic switch
- Wireless and Mirror kits also available



	<b>NEW</b>	<b>0-776-25</b>	12V/24V 5" CCTV kit, Colour TFT I/R w/sound. Inputs for 2 cameras or 1 camera plus 1 AV input.	<b>1</b>
	12V/24V		Supplied with 1 single CCD rear view camera only, remote control and 20m shielded cable.	
			Additional cameras are available from our camera section.	

	<b>NEW</b>	<b>0-776-27</b>	12V/24V 7" CCTV kit, Colour TFT I/R w/sound. Inputs for 2 cameras or 1 camera plus 1 AV input	<b>1</b>
	12V/24V		Supplied with 1 single CCD rear view camera only, remote control and 20m shielded cable.	
			Additional cameras are available from our camera section.	

	<b>NEW</b>	<b>0-776-37</b>	12V/24V 7" CCTV kit, quad Colour TFT I/R w/sound. Inputs for up to 4 cameras.	<b>1</b>
	12V/24V		Supplied with 1 single CCD rear view camera only, remote control and 20m shielded cable.	
			Additional cameras are available from our camera section.	



	<b>NEW</b>	<b>0-776-39</b>	Wireless 12V/24V 5" CCTV kit, Colour TFT I/R w/sound. Can receive signals from up to 2 cameras.	<b>1</b>
	12V/24V		Supplied with 1 single CMOS rear view camera only.	

## CCTV kits | DVRs


Product	Part No	Description	Quantity
	<b>NEW</b> 12V/24V <b>0-776-41</b>	Wireless 12V/24V 7" CCTV kit, Colour TFT I/R w/sound. Can receive signals from up to 2 cameras.  Supplied with 1 single CMOS rear view camera only.	1
	<b>NEW</b> 12V/24V <b>0-776-47</b>	12V/24V Clip-on wired mirror monitor with 7" high resolution Colour TFT I/R w/sound. Inputs for 2 cameras or 1 camera plus 1 AV input.  Fits mirrors from 63.5mm high up to 82mm high.  Supplied with 1 single rear view camera only.	1

## Durite 12V CCTV reversing kits

Durite 12V CCTV kits are ideal for vans, cars, trailers, leisure vehicles and horse boxes.

	<b>NEW</b> <b>0-776-43</b>	12V 4.3" LCD Monitor, CMOS image sensor. Inputs for 2 cameras or 1 camera plus 1 AV input. <ul style="list-style-type: none"> <li>• Auto reversing switch</li> <li>• Automatic Gain Control (AGC)</li> <li>• Camera protected to IP67</li> </ul> Supplied with 1 single rear view camera only.	1
	<b>NEW</b> <b>0-776-85</b>	Wireless sender/receiver connects to RCA connectors for 0-776-30 and 0-776-43.	1
	<b>NEW</b> <b>0-776-86</b>	Voltage dropper to use kit on 24V vehicles.	1
	<b>NEW</b> <b>0-776-30</b>	12V 3.5" LCD Kit, CMOS image sensor. Inputs for 2 cameras or 1 camera plus 1 AV input. <ul style="list-style-type: none"> <li>• Auto reversing switch</li> <li>• Automatic Gain Control (AGC)</li> <li>• Camera protected to IP67</li> </ul> Supplied with 1 single rear view camera only.	1
	<b>NEW</b> <b>0-776-85</b>	Wireless sender/receiver connects to RCA connectors for 0-776-30 and 0-776-43.	1
	<b>NEW</b> <b>0-776-86</b>	Voltage dropper to use kit on 24V vehicles.	1

## Durite Digital Video Recorders

	<b>NEW</b> <b>0-776-80</b>	Mobile Digital Video Recorder, 12V/24V, stores up to 4 cameras video onto 2 SD cards (128GB each, not included). <ul style="list-style-type: none"> <li>• Full HD Real time recording</li> <li>• Lockable cover and Password protected</li> <li>• In-built G Force sensor and GPS</li> <li>• Motion detection / theft prevention</li> <li>• Speed monitoring and warning</li> </ul> Supplied with connecting cables and remote control.	1
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## DVRs | Monitors


Product	Part No	Description	Quantity
	<b>NEW</b> <b>0-776-60</b>	Mobile Digital Video Recorder, 12V, stores single camera video onto 32 GB micro SD (not included). <ul style="list-style-type: none"> <li>• Full HD Real time recording</li> <li>• In-built G Force sensor and GPS</li> <li>• Motion detection / theft prevention</li> <li>• Speed monitoring</li> </ul> 2 fitting options: Stick-on windscreen or suction pad (supplied).	1
	<b>NEW</b> <b>0-776-26</b> <b>12V/24V</b>	12V/24V 5" Colour CCTV TFT monitor. Inputs for 2 cameras or 1 camera plus 1 AV input.	1
	<b>NEW</b> <b>0-776-28</b> <b>12V/24V</b>	12V/24V 7" Colour CCTV TFT monitor. Inputs for 2 cameras or 1 camera plus 1 AV input.	1
	<b>0-778-38</b>	12V/24V 7" Quad colour CCTV TFT monitor. Inputs for up to 4 cameras.	1
	<b>NEW</b> <b>0-776-40</b> <b>12V/24V</b>	12V/24V Wireless 5" colour CCTV TFT 2-channel Monitor.	1
	<b>NEW</b> <b>0-776-42</b> <b>12V/24V</b>	12V/24V Wireless 7" colour CCTV TFT 2-channel Monitor.	1
	<b>NEW</b> <b>0-776-48</b> <b>12V/24V</b>	12V/24V Clip-on wired mirror monitor with 7" high resolution Colour TFT I/R w/sound.  Bracket size of 82mm > x > 63.5mm	1



## Cameras

Product	Part No	Description	Quantity
	<b>NEW</b> 12V/24V	<b>0-776-21</b> Rear-mount Infra-Red Colour CCTV Camera with microphone. <ul style="list-style-type: none"> <li>• CCD image sensor</li> <li>• Automatic gain control (AGC)</li> <li>• 18 Infra-red LEDs</li> <li>• Protected to IP66</li> </ul> Compatible with 0-776-25, 0-776-27, 0-776-37 and 0-776-47 CCTV kits.	1
	<b>NEW</b> 12V/24V	<b>0-776-22</b> Side-mount Infra-Red Colour CCTV Camera with microphone. <ul style="list-style-type: none"> <li>• CCD image sensor</li> <li>• Automatic gain control (AGC)</li> <li>• 10 Infra-red LEDs</li> <li>• Protected to IP69K</li> </ul> Compatible with 0-776-25, 0-776-27, 0-776-37 and 0-776-47 CCTV kits.	1
	<b>NEW</b> 12V/24V	<b>0-776-23</b> Wireless Rear-mount Infra-Red Colour CCTV Camera with microphone. <ul style="list-style-type: none"> <li>• CMOS image sensor</li> <li>• Automatic gain control (AGC)</li> <li>• 18 Infra-red LEDs</li> <li>• Protected to IP66</li> </ul> Compatible with 0-776-39 and 0-776-41 wireless CCTV kits.	1
	<b>NEW</b> 12V/24V	<b>0-776-07</b> Overdoor camera. Infra-Red Colour CCTV Camera. <ul style="list-style-type: none"> <li>• CCD image sensor</li> <li>• Automatic gain control (AGC)</li> <li>• 10 Infra-red LEDs</li> <li>• Protected to IP69K</li> </ul> Compatible with 0-776-25, 0-776-27, 0-776-37 and 0-776-47 CCTV kits.	1
		<b>0-776-77</b> Stainless steel extension bracket. 203mm x 119mm.	1
		<b>0-776-04</b> Colour internal dome camera with 6.0mm F2.0, 55° horizontal view lens. Ø 100mm	1
		<b>0-776-03</b> Colour miniature camera with sun visor clip. Metal housing. F2.5 lens with 130° horizontal view. Protected to IP68. Ø 24 x w 42mm.	1

## Cameras | CCTV cables | CCTV bracket

Product	Part No	Description	Quantity
	0-776-13	Colour infra red camera for side or rear mounting. Metal housing. F2.0 lens with 94° vertical view. Protected to IP68. I 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 panel mounting. Protected to IP67. Housing I 36 x w 45 x h 33mm.	1
	<b>NEW</b> 0-776-95	<b>Suzi cable kit</b> comprising of 1 x suzi cable 3.5 metres working length and 2 vehicle connectors (10 metre FEMALE end for vehicle and 0.3 metre MALE end for trailer).	1
	0-776-93	1 x Suzi cable trailer connector with 0.3m lead and MALE connector	1
	0-776-94	1 x Suzi cable vehicle cab connector with 10m lead and FEMALE connector	1
	0-776-96	1 x Suzi cable 3.5 metre working length. 6 metre total length. Designed for use with CCTV system.	1
	<b>NEW</b> 0-776-87	Main Harness Loom, S-Video, for 0-776-25 & 0-776-27	1
	<b>NEW</b> 0-775-10	10m Screened CCTV lead.	1
	0-775-14	15m Screened CCTV lead.	1
	0-775-19	20m Screened CCTV lead.	1
	<b>NEW</b> 0-776-98	Fan style bracket for 0-776-25, 0-776-27, 0-776-37, 0-776-39 and 0-776-41	1

## Blind spot detection | Warning signs

Product

Part No

Description

Quantity

**FORS & CLOCS Guidelines compliance**

Under the Safer Lorry scheme London and according to CLOCS guideline 3.2.3 Blind Spot minimisation, vehicles over 3.5T must have front, side and rear blind spots completely eliminated or minimised as far as practical. CLOCS guideline 3.2.1 requires prominent signage to be displayed on the rear of vehicles.

Durite offers a comprehensive range of CCTV reversing kits, a six-sensor Blind Spot detection system, Class V and Class VI mirrors and Warning signs to help you stay compliant.

**NEW** 0-870-00

24V Blind spot detection system. For vehicles up to 8 m ion length

1

Includes;

- 6 BSA sensors. 6 Sensor holders.
- 1 control box
- 1 LED display
- 2 buzzers
- 1 pair of A pillar warning lights
- 1 set of harnesses and an installation kit.

**NEW** 0-870-52

Self-adhesive vinyl safety sign landscape. 300 x 200mm.

1

**NEW** 0-870-50

Self-adhesive vinyl safety sign, landscape 300 x 200mm.

1








0-870-51

Portrait version of the above. 200 x 300mm.

1



## Mirrors

Product	Part No	Description	Quantity
	<b>NEW</b> 0-770-07	Mirror head (240 x 155mm), to EEC specification class V. Comes with mirror arm fitted with 2 x 6mm slots at 40-60mm.	1
	<b>NEW</b> 0-770-08	Mirror head (293 x 210mm), to EEC specification Class VI with unbreakable lens. Comes with mirror arm 440mm long, 19mm diameter with clamp that fits 16-28mm diameter arms.	1
	<b>NEW</b> 0-770-09	Circular mirror head (255mm diameter) to EEC specification class VI. Comes with mirror arm 440mm long, 19mm diameter with clamp that fits 16-28mm diameter arms.	1
	0-770-04	Commercial vehicle flat glass mirror heads. 7" x 5" (177 x 127 mm) heads. Clamps 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. Clamps to 5/8" (13-16mm) arms. ECE approved.	2
	0-770-00	Commercial vehicle wide angle glass mirror head, 193 x 193mm. Clamps to 16-28mm arms. ECE approved, class IV.	1
	0-771-00	Commercial vehicle convex glass mirror head, 362 x 174mm. Clamps to 16-28mm arms. ECE approved, class II.	1

## B buzzers | Back up alarms

Product	Part No	Description	Quantity
	0-562-12	Buzzer, 12V black case, single hole fixing, two terminal. 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 terminal.	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 left on . Two tone 72dB warning sound. OE on Nissan and Renault.	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

## 7

# EQUIPMENT & ACCESSORIES



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



## 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. Ideal 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
	0-673-63	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
	0-673-64	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
	0-673-25	24V self-priming up to 1.5m transfer pump for corrosive liquids. Helicoidal PTFE gears, stainless steel AISI 316 body and shaft with Fluoroelastomer 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
	0-673-12	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	Petrol pump contact assembly - dual contact. SU AUA / 6021.	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

## Voltage converters

Product	Part No	Description	Quantity
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.			
	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
	0-578-55	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
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.			
	0-578-20	12 to 24V, 10A continuous, 15A intermittent. Switch mode non-isolated return. Quiescent current consumption 190mA. I 150 x w 85 x h 38mm.	1

## 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.



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

## 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

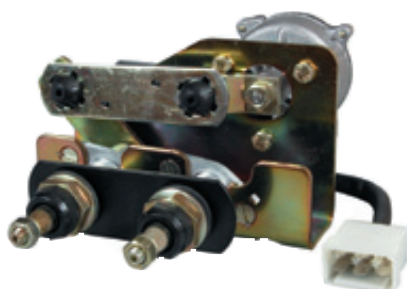
	Angle	Volts	Arm Fixing	Shaft Length
0-866-80	80°	12	A8 x M6 + M8	58
0-866-90	90°	12	A8 x M6 + M8	58
0-866-10	110°	12	A8 x M6 + M8	58
0-886-80	80°	24	A8 x M6 + M8	58
0-886-90	90°	24	A8 x M6 + M8	58
0-886-10	110°	24	A8 x M6 + M8	58



Unswitched slim line, 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

## 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
		<b>Length</b> <b>Blade Fixing</b> <b>Shaft Fixing</b>	
	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
		<b>Length</b> <b>Blade Fixing</b> <b>Shaft Fixing</b>	
	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
		<b>Length</b> <b>Blade Fixing</b> <b>Shaft Fixing</b>	
	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
		<b>Length</b> <b>Arm Fixing</b>	
	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
		<b>Length</b> <b>Arm Fixing</b>	
	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
		<b>Length</b> <b>Arm Fixing</b>	
	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
		<b>N.B. Must not be run dry.</b>	

## Windscreen washer pumps

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








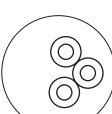










## Windscreen washer pumps

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




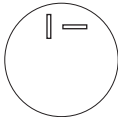





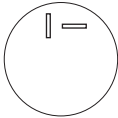









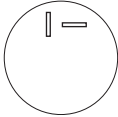
## Windscreen washer pumps

Product	Part No	Description	Quantity
		<b>0-594-19</b> 12V vane type twin outlet pump. Push fit into bottle. Ford, Peugeot applications.  <b>N.B. Must not be run dry.</b>	<b>1</b>
		<b>0-594-20</b> 12V vane type twin outlet pump. Push fit into bottle. Ford, Volvo applications.  <b>N.B. Must not be run dry.</b>	<b>1</b>
		<b>0-594-21</b> 12V vane type twin outlet pump. Push fit into bottle. Renault applications.  <b>N.B. Must not be run dry.</b>	<b>1</b>
		<b>0-594-22</b> 12V vane type single outlet pump. Push fit into bottle. BMW, Mercedes applications.  <b>N.B. Must not be run dry.</b>	<b>1</b>
		<b>0-594-23</b> 12V vane type single outlet pump. Push fit into bottle. Audi, Fiat, Vauxhall, Volkswagen applications.  <b>N.B. Must not be run dry.</b>	<b>1</b>
		<b>0-594-24</b> 12V vane type twin outlet pump. Push fit into bottle. Audi applications.  <b>N.B. Must not be run dry.</b>	<b>1</b>
		<b>0-594-25</b> 12V vane type single outlet pump. Push fit into bottle. Bedford, Ford, Isuzu, Nissan, Rover, Yugo applications.  <b>N.B. Must not be run dry.</b>	<b>1</b>
		<b>0-594-26</b> 12V vane type twin outlet pump. Push fit into bottle. Honda, Rover, Subaru, Toyota applications.  <b>N.B. Must not be run dry.</b>	<b>1</b>





## Windscreen washer pumps

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












## Windscreen washer pumps

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









## Windscreen washer pumps

Product	Part No	Description	Quantity
 	0-594-61	12V vane type pump for push fit into bottle. Replaces some popular Austin / Rover cars.  <b>N.B. Must not be run dry.</b>	1
 	0-594-62	12V vane type pump. Push fit into bottle. Replaces Renault.  <b>N.B. Must not be run dry.</b>	1
 	0-594-64	24V vane type single outlet pump. Screw fit into bottle. ERF, Foden, Leyland, Seddon applications.  <b>N.B. Must not be run dry.</b>	1
 	0-594-65	24V vane type single outlet pump. Push fit into bottle. Austin applications.  <b>N.B. Must not be run dry.</b>	1
 	0-594-66	24V vane type twin outlet pump. Push fit into bottle. DAF, MAN, Scania, Volvo applications.  <b>N.B. Must not be run dry.</b>	1
 	0-594-67	24V vane type single outlet pump. Push fit into bottle. DAF, MAN, Scania, Volvo applications.  <b>N.B. Must not be run dry.</b>	1
 	0-594-68	24V vane type dual outlet pump. Push fit into bottle. DAF, MAN, Scania applications.  <b>N.B. Must not be run dry.</b>	1
 	0-594-69	24V vane type single outlet pump with plastic fixing bracket. Scania, Volvo and universal applications.  <b>N.B. Must not be run dry.</b>	1

## Windscreen washer pumps | Washer bottles | Windscreen washer components

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

## Windscreen washer components

Product	Part No	Description	Quantity
	0-593-53	Low profile twin, individually adjustable, washer jet for 4mm windscreen washer tubing. Through panel fitting by a back nut.	1
	0-593-52	Wide angle twin, individually adjustable, washer jet for 4mm windscreen washer tubing. Through panel fitting by a back nut.	1
	0-593-51	Tall twin, individually adjustable, washer jet for 4mm windscreen washer tubing. Through panel 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 panel 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 in-line connector for 4mm diameter tubing.	10
	0-593-04	Plastic T piece connector for 4mm diameter tubing.	10
	0-593-07	Plastic in-line 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

## Electric horns






Product	Part No	Description	Quantity
		Disc horn, 2 pole, 114dB(A) at 2m. Diaphragm type with passivated and painted steel body. Supplied with mounting strap. 91mm diameter. ECE approved.	
	0-642-16	12V 430Hz high tone.	1
	0-642-17	12V 340Hz low tone.	1
	0-642-26	24V 430Hz high tone.	1
	0-642-27	24V 340Hz low tone.	1
	0-642-36	36V 430Hz high tone.	1
	0-642-48	48V 430Hz high tone.	1
	0-642-30	24-48V 410Hz high tone.	1
	0-642-18	12V 430Hz high tone.	1
	0-642-19	12V 340Hz low tone.	1
	NEW	Trumpet horn, 2-pole. 109DB(A) at 2m. Black plastic body and red plastic cover. Supplied with mounting strap 83mm dia.	
	0-642-31	12V Electric trumpet horn. 500Hz High tone.	1
	0-642-33	24V version of the above.	1
	0-642-32	12V Electric trumpet horn. 420Hz Low tone.	1
	0-642-34	24V version of the above.	1
	0-642-14	12V 475Hz high tone.	1
	0-642-15	12V 410Hz low tone.	1
	0-642-24	24V 475Hz high tone.	1
	0-642-25	24V 410Hz low tone.	1
	0-642-52	12V 390Hz high tone, 430mm long.	1
	0-642-53	12V 340Hz low tone, 500mm long.	1
	0-642-66	24V 390Hz high tone, 430mm long.	1
	0-642-67	24V 340Hz low tone, 500mm long.	1




## Air horns | Air horns valves

Product	Part No	Description	Quantity
	<b>0-642-65</b>	Single commercial air horn, chromium plated brass trumpet. Supplied with hand valve/fixings. ECE approval.  Length 770 mm Sound level 118 dB(A) Frequency 176 Hz Pressure 2-10 bar	1
	<b>0-642-60</b>	Shorter version of above  Length 700 mm Sound level 118 dB(A) Frequency 190 Hz Pressure 2-10 bar	1
	<b>0-642-51</b>	Dust cover for all above.	1
	<b>0-642-55</b>	Twin commercial air horn, chromium plated brass trumpet. Supplied with hand valve/fixings. ECE approval.  Length 630 mm Sound level 116 dB(A) Frequency 186/234 Hz Pressure 2-10 bar	1
	<b>0-642-50</b>	Shorter version of above  Length 440 mm Sound level 116 dB(A) Frequency 282/321 Hz Pressure 2-10 bar	1
	<b>0-642-70</b>	Commercial deep low tone air horn, with moulded black 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
	<b>0-642-62</b> <b>0-642-74</b>	Electric solenoid valve, for use with commercial air horns. Suitable for pressures from 2-10 bar. Uses 6mm tubing. 12V. 24V.	1 1
	<b>0-642-90</b>	Brass foot operated air valve for use with commercial air horns. Suitable for pressures from 2-10 bar. Uses 6mm	1
	<b>0-642-08</b> <b>0-642-28</b>	Twin electro-magnetic trumpet horns, 113 dB(A) at 2m. Black 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
	<b>0-642-01</b>	Electro-pneumatic "old style" trumpet horn, 12V. Makes "Arrroooughaaa" sound. Not ECE approved.  Sound level 102 dB(A) at 2m Frequency 500 Hz	1
	<b>0-642-00</b>	Twin tone air horns 115dB(A) at 2m, 750-800 Hz, with a 12V compact air compressor, relay, air pipe and fixing hardware.	1
	<b>0-642-04</b>	24V version of the above.	1

## 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. 156 x w 20 x h 66mm.	1
A range of illuminated 52mm electrical dashboard gauges. Matt black bezels and white figures. Bridge type fitting.			
	0-523-22	12V battery condition voltmeter, 90° sweep dial.	1
	0-523-91	Replacement 12V illumination lamp.	1
	0-523-72	24V version of the above, scale 18 - 32V.	1
	0-523-92	Replacement 24V illumination lamp.	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 lamp.	1
	0-533-92	Replacement 24V illumination lamp.	1
	0-523-23	12V water temperature gauge, 90° sweep dial. Supplied with 1/8" NPTF sender.	1
	0-523-91	Replacement 12V illumination lamp.	1
	0-523-73	24V version of the above.	1
	0-523-92	Replacement 24V illumination lamp.	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 lamp.	1
	0-523-65	24V version of the above.	1
	0-523-92	Replacement 24V illumination lamp.	1
	0-523-95	Replacement sender.	1

## 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 dial. Supplied with 1/8" NPTF sender.	1
	0-523-91	Replacement 12V illumination lamp.	1
	0-523-66	24V version of the above.	1
	0-523-92	Replacement 24V illumination lamp.	1
	0-523-94	Replacement sender.	1
	0-523-06	12V fuel gauge, 90° sweep dial. Supplied with adjustable sender.	1
	0-523-91	Replacement 12V illumination lamp.	1
	0-523-56	24V version of the above.	1
	0-523-92	Replacement 24V illumination lamp.	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 back illumination.	1
	0-523-20	12V tachometer 270° sweep dial, 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

## Dashboard gauges

Product	Part No	Description	Quantity
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.			
	0-533-16	Oil pressure gauge, 270° sweep dial. Supplied with 1/8" NPTF union and 12' copper capillary.	1
	0-533-91	Replacement 12V illumination lamp.	1
	0-533-92	Replacement 24V illumination lamp.	1
	0-533-98	12' copper capillary extension kit.	1
	0-533-01	Air pressure gauge, 270° sweep dial. Supplied with 1/8" NPTF union and 12' copper capillary.	1
	0-533-91	Replacement 12V illumination lamp.	1
	0-533-92	Replacement 24V illumination lamp.	1
	0-533-98	12' copper capillary extension kit.	1
	0-533-15	Oil temperature gauge, 270° sweep dial. Supplied with 5/8" UNF union and 12' capillary.	1
	0-533-91	Replacement 12V illumination lamp.	1
	0-533-92	Replacement 24V illumination lamp.	1
	0-533-23	Water temperature gauge, 270° sweep dial. 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 lamp.	1
	0-533-92	Replacement 24V illumination lamp.	1
	0-533-02	Turbo boost gauge, 270° sweep dial. Supplied with 5/8" UNF union and 5' of PVC tubing. Pressure -1 to +1.5 bar.	1
	0-533-91	Replacement 12V illumination lamp.	1
	0-533-92	Replacement 24V illumination lamp.	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

## Dashboard gauges and accessories | Marine gauges







Product	Part No	Description	Quantity
	0-523-58	Engine hour counter for 37 x 24mm rectangular panel hole. 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 hole. Selectable 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 hole. Selectable 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
		Solid 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 5/8UNF, 3/8NPTF, 1/8BSP, 1/2NPTF.	1
	0-533-99	5/8"UNF to M16 x 1.5, M18 x 1.5, 1/2NPTF.	1
	0-523-97	'T' piece 1/8"NPTF.	1
		Matt black steel panels for mounting 52 mm gauges.	
	0-243-01	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
A range of LED illuminated 52mm plastic cased electrical marine gauges. Matt black bezels and dials with white figures. Large screw collar type fitting.			
	0-525-22	12V battery condition voltmeter, 90° sweep dial.	1
	0-525-72	24V version of the above, scale 16 - 32v.	1

## Marine gauges

Product	Part No	Description	Quantity
	0-525-01	12/24V 80-0-80A ammeter, 90° sweep dial, uses inductive pick up coil.	1
	0-525-23	12/24V, 40° to 120°C water temperature gauge, 90° sweep dial. Supplied with 1/8" NPTF sender.	1
	0-525-85	Replacement sender.	1
	0-525-15	12/24V, 50° to 150°C oil temperature gauge, 90° sweep dial. Supplied with 1/8" NPTF sender.	1
	0-525-85	Replacement sender.	1
	0-525-16	12/24V, 0 to 10 bar oil pressure gauge, 90° sweep dial. Supplied with 1/8" NPTF sender.	1
	0-523-94	Replacement sender.	1
A range of LED illuminated 52mm plastic cased electrical marine gauges. Matt black bezels and dials with white figures. Large screw collar type fitting.			
	0-525-06	12/24V fuel level gauge, 90° sweep dial. Supplied without pole tank sender.	1
	0-525-92	250mm deep stainless steel pole tank sender.	1
	0-525-93	290mm deep stainless steel pole tank sender.	1
	0-525-94	350mm deep stainless steel pole tank sender.	1
	0-525-95	500mm deep stainless steel pole tank sender.	1
	0-525-96	600mm deep stainless steel pole tank sender.	1



## 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 pole tank sender.	1
	0-525-93	290mm deep stainless steel pole tank sender.	1
	0-525-94	350mm deep stainless steel pole tank sender.	1
	0-525-95	500mm deep stainless steel pole tank sender.	1
	0-525-96	600mm deep stainless steel pole 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



## Cigarette lighter

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 hole. 20A maximum.	1
	0-601-03	Power socket with cover, for 28mm panel hole. 100mm flying leads, 15A maximum.	1
	0-601-11	Power socket with cover and bracket. 100mm flying leads, 15A maximum.	1








## Sockets and mounting

Product	Part No	Description	Quantity
	0-601-08	Black 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	Black 12V power socket. 36.5mm diameter. Supplied with standard nut. For 28mm diameter panel hole.	1
	0-601-09	12V cigarette socket. Black 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






## 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 closed coil, with 1 x 230mm plain tail and 1 moulded waterproof socket to ISO1185(24N). 1 x 2.00mm <sup>2</sup> white + 6 x 1.00mm <sup>2</sup> black, brown, green, blue, red and yellow PVC insulated cores.	1
	0-717-10	As above but with 2 sockets.	1
	0-717-11	7 core retractable cable, black hytrel sheath. 3 metre maximum working length. 200 x 85mm closed coil, with 1 x 230mm plain tail and 2 moulded waterproof sockets to ISO1185(24N). 1 x 2.00mm <sup>2</sup> white + 6 x 1.00mm <sup>2</sup> black, brown, green, blue, red and yellow rubber insulated cores.	1

## Retractable cables

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

## Retractable cables | Trailer plugs

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

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

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

## 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

## 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 Clang range of metal plugs.	10
	0-477-03	Cover for the rear of the plastic 24V plugs.	10
<b>Heavy duty plugs and sockets for 24V trailers. Moulded in black thermoplastic with screw terminals.</b>			
	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
<b>Alloy plugs and sockets for 24V trailers. Zinc alloy case, nickel plated brass pins and socket tubes with screw terminals.</b>			
	0-477-89	7 pin socket to ISO 1185(24N).	1
	0-477-86	7 pin plug to ISO 1185(24N).	1



## 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
<b>Clang three pin plug and socket. Nickel plated brass case, self colour pins and socket tubes. Rated at 5A continuous.</b>			
	0-473-19	3 pin socket.	1
	0-473-16	3 pin plug.	1
<b>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.</b>			
	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
<b>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.</b>			
	0-365-19	3 pin socket.	1
	0-365-16	3 pin plug.	1




## 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






## 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

## Caravan plugs and sockets | Towing brackets | Trailer kits

Product	Part No	Description	Quantity
	0-695-66	13 pin plug adaptor, 7 pin socket (12N) to 13 pin plug.	1
	0-695-69	13 pin socket adaptor, 13 pin socket to 7 pin plug (12N).	1
	0-695-67	13 pin socket adaptor, 13 pin plug to 2 x 7 pin sockets (12N + 12S), 400mm cable.	1
Trailer socket brackets, 16swg galvanised mild steel.			
	0-521-00	7 pin single.	1
	0-521-03	13 pin single	1
Trailer socket bracket assemblies.			
	0-289-00	With 7 pin metal socket and 1 metre of 7 core cable.	1
	0-289-01	As above but with plastic socket.	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
	0-693-99	Caravan 7 pin socket gasket.	10
	5-693-99	Single unit, as above.	1
	0-693-98	Caravan socket gasket	10
	5-593-98	Single of the above.	1
	<b>NEW</b> 0-693-98	Caravan socket gasket for 13-pin sockets.	10

## Trailer kits | Sealed plugs and sockets

Product	Part No	Description	Quantity
	0-693-56	Plug	1
	0-693-59	Socket	1
<b>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. Rated at 32A at 600V ac or dc, supplied with cap.</b>			
	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
<b>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. 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).</b>			
	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 trailing socket.	1
	0-463-19	3 pin trailing socket.	1
	0-464-19	4 pin trailing socket.	1
	0-465-19	7 pin trailing 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

## Speakers | Fans | Aerials

Product	Part No	Description	Quantity
	0-315-53	40W, 4Ω dualcone pod loudspeaker in an angled . Suitable for mounting on a rear parcel shelf. Speaker 100mm diameter. Case 115 x 115mm.	1
	0-315-03	40W, 4Ω dualcone door loudspeaker with fixing screws. Speaker 100mm diameter. Case 108 x 108mm.	2
	0-563-00	In-line choke and fuseholder, supplied with 2A 20mm glass fuse.	1
	0-646-22	Interference capacitor rated at 110V dc. 2.2μF black.	1
	0-210-62	A powerful 8" oscillating fan, 12V. Supplied with a multi-angle swivel bracket and dual connection kit comprising, cigarette lighter plug with 1.1 metres of cable and on/off switch with 1.2 metres of cable. 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" all metal fan, 12V, two speed. Enclosed metal blades on a multi-angle swivel bracket with on/off switch. CE approved.	1
	0-210-94	24V version of the above.	1
	0-735-00	Single section, black rubber. Height 400 mm Cable 1200 mm 90° ball adjustment.	1
	0-650-01	2 section, roof mounted. Closed 470 mm Extended 800 mm Cable 2000 mm Adjustable angle.	1

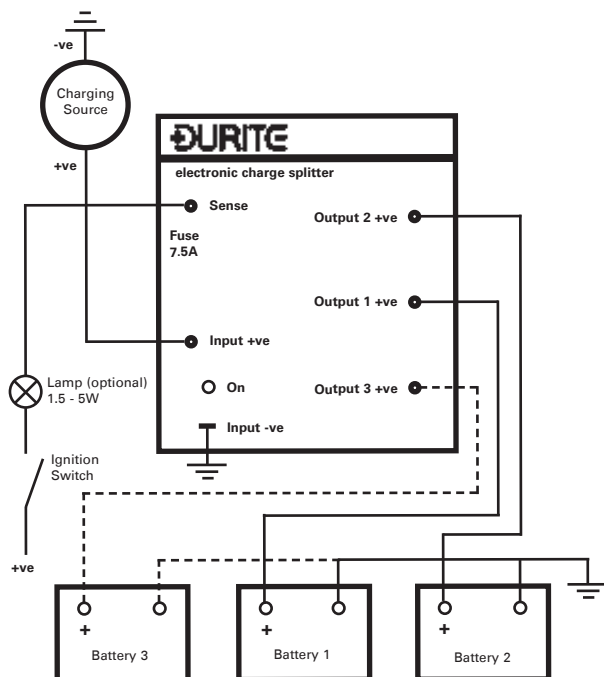
## Aerials

Product	Part No	Description	Quantity
	<b>0-724-00</b>	3 section, pillar mounted. Closed 460 mm Extended 1200 mm Cable 1200 mm	1
	<b>0-738-00</b>	A roof mount single piece aerial, single section fibreglass type, can be unscrewed from base. Length 440mm Cable 2650mm	1
	<b>0-650-00</b>	3 section, wing mounted. Closed 550 mm Extended 1250 mm Cable 1300 mm Stainless steel spring. 90° ball adjustment.	1
	<b>0-652-12</b>	5 section, 12V, automatic, wing mounted. Extended 1000 mm Cable 1200 mm Underhang 315 mm Extends and retracts when radio is switched on or off. Supplied with two sizes of head fitting, cable, connectors and full fitting instructions.	1
	<b>0-526-05</b>	600mm aerial extension lead.	1
	<b>0-526-00</b>	3000mm aerial extension lead.	1
	<b>0-737-00</b>	4 section, locking, wing mounted. Closed 25 mm Extended 980 mm Cable 1200 mm Underhang 220 mm Fully retractable.	1
	<b>0-651-00</b>	4 section, wing mounted, VW type. Closed 25 mm Extended 850 mm Cable 1600 mm Underhang 255 mm Fully retractable fitting. 58° acute angle.	1
	<b>0-736-00</b>	12V electronic windscreen, (includes amplifier). Height 340 mm Cable 2000 mm	1



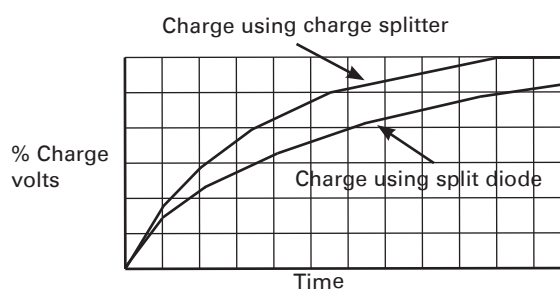
## Electronic charge splitters

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

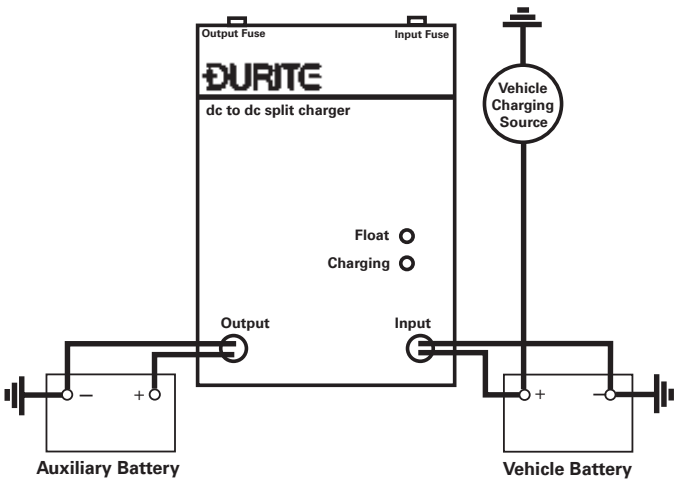
0-853-09

90A version of the above.

1

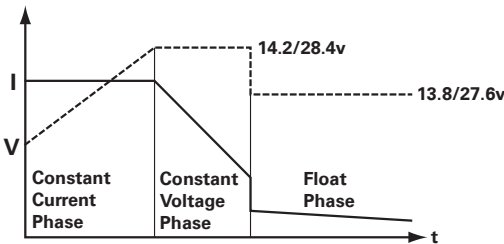
Electronic split charger | Split charge relay | Voltage sensitive relays

Product	Part No	Description	Quantity
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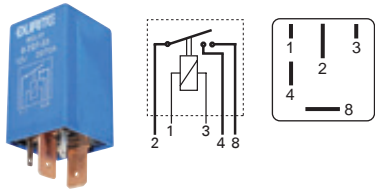


The Durite electronic split charger uses the latest technology to produce a split charging capability that allows an auxiliary battery system to be independently charged from a vehicle system.

- 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 vehicles 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



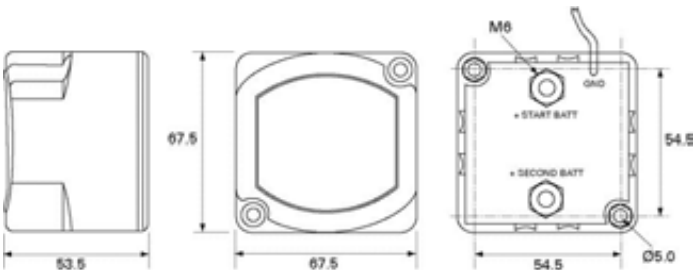
0-727-23	Split charge relay. 12V, 70/20A. Isolates fridge circuit separately. 2 x 2.8mm, 1 x 6.3mm and 2 x 9.5mm terminals. Replaces Lucas SRB 630.	1
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0-727-33	Voltage sensitive relay, 12V 140A with red LED indicator. Allows split charging of second battery bank without discharging the primary/start battery, relay makes at 13.3V and breaks at 12.65V. l 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

**Additional information**

A 5 second delay operates when the voltage falls below the cut-out voltage to prevent nuisance cut-out due to high intermittent loads on the battery. Supplied with self tapping screws and ring crimp terminal for ground lead.



## Battery isolators

Product	Part No	Description	Quantity
	<b>0-727-35</b>	Voltage sensitive battery isolator relay, 12V 80A with red LED indicator. Automatically disconnects non essential loads from the battery to prevent start battery being discharged, can be manually overridden. Relay makes at 12.8V and breaks at 11.0V. Current draw, contact open 8mA, contacts closed 320mA. I 68 x w 54 x h 68mm. CE approved.	1
	<b>0-727-85</b>	24V 40A version of above. Relay makes at 25.6V and breaks at 22.0V. Current draw, contact open 12mA, contacts closed 150mA.	1



12/24V, solid state battery guard, monitors the battery voltage and disconnect load when the battery voltage reaches a pre-determined level. The voltage level at which the device operates to disconnect or reconnect the load to the battery can be set to one of 10 different programmes by the installer using a simple bridge and integral LED indicator. The unit also has an alarm circuit to power an audio and/or visual indicator to warn of imminent disconnect, allowing the operator 50 secs to rectify the situation before disconnecting. A 10 second delay is built in prior to an alarm, to prevent spurious warnings. The alarm circuit is limited to 500mA maximum, if a higher current is required a relay with a diode must be used, 0-727-14 for 12V and 0-727-26 for 24V. Quiescent current is below 10mA for all versions. Appropriate terminals and insulating covers are provided with each unit. Protected to IP65. ECE and CE approved.

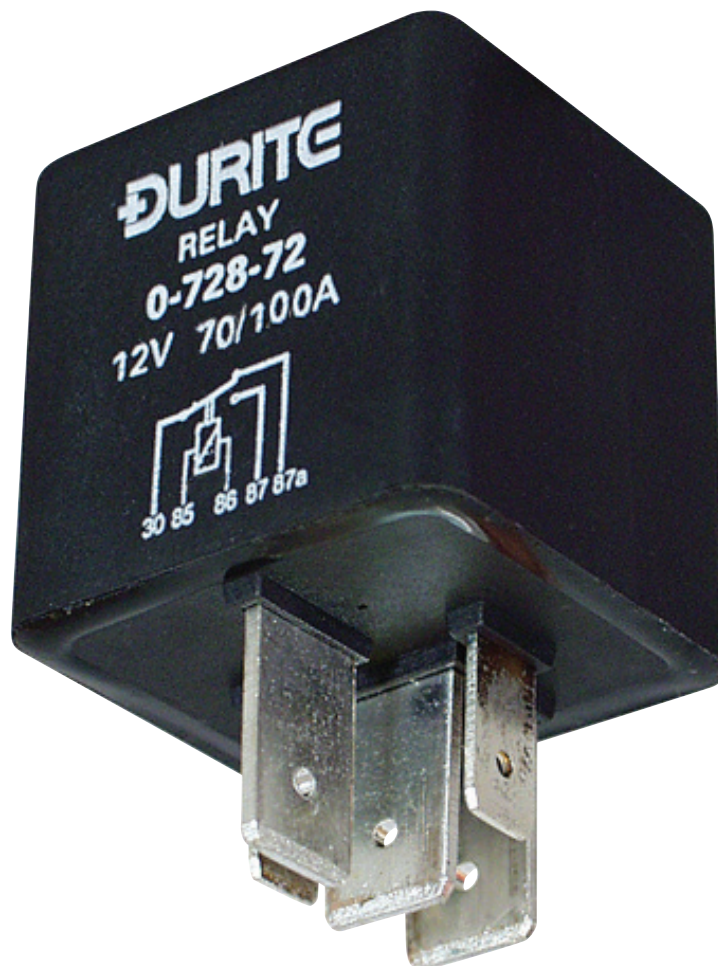
<b>0-852-02</b>	20A in-line version, I 155 x w 30 x h 15mm.	1
<b>0-852-04</b>	40A version, with provision for external on/off switch, I 76 x w 78 x h 33mm.	1
<b>0-852-10</b>	100A version with provision for external on/off switch and override switch, I 124 x w 97 x h 51mm.	1

Pre-programmed voltage 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

# 8


## RELAYS & FLASHER UNITS



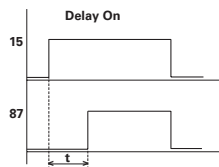
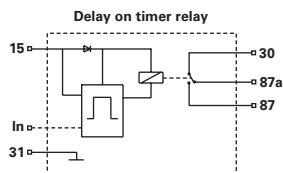
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## Programmable timer relay

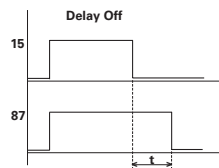
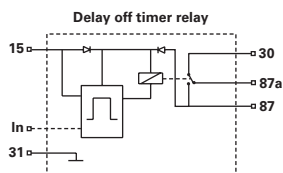
Product	Part No	Description	Quantity															
	<b>0-740-XX 12V</b>	Programmed timer relays, individually programmed 'PIC' controlled timers with five basic functions: Delay on, delay off, pulse, timer off and flip-flop. Available in 12 and 24V versions. Individually programmed for your requirements.	<b>1</b>															
	<b>0-741-XX 24V</b>		<b>1</b>															
	<div><div><div>87</div><div>15    31</div><div>87a</div><div>30</div><div>In</div></div><div><p>Specifications:</p><table><tr><td></td><td>12V</td><td>24V</td></tr><tr><td>Voltage</td><td>9 - 16</td><td>18 - 32</td></tr><tr><td>Current</td><td>20/25A</td><td>10/15A</td></tr><tr><td>Temperature</td><td>-40° to 80°C</td><td>-40° to 80°C</td></tr><tr><td>Protection</td><td>IP54</td><td>IP54</td></tr><tr><td>Dimensions</td><td colspan="2">l 30 x w 30 x h 40mm</td></tr></table></div></div>		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	l 30 x w 30 x h 40mm
	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	l 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 and are non returnable.**



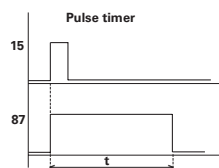
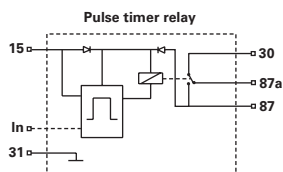
"Delay on" timer relay; timing starts at application of input trigger.

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.



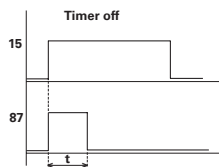
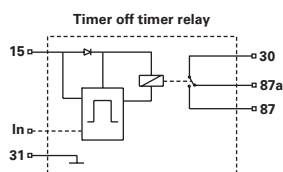
"Delay off" timer relay; timing starts after input trigger is removed.

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.



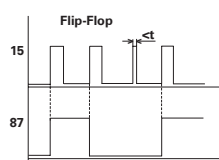
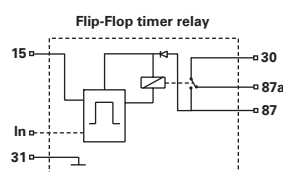
"Pulse timer" relay; pulse input triggers timed output.

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.


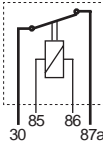
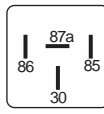

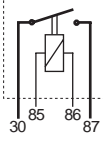
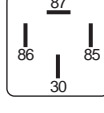

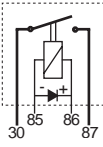
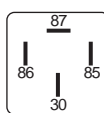

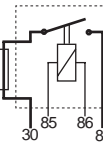
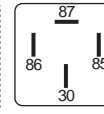

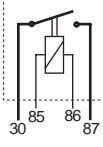
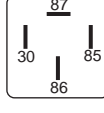

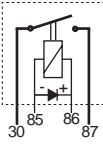
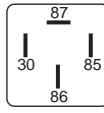

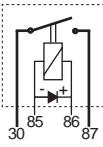
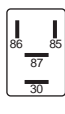

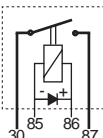
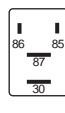
Typical timings in seconds: 0.6, 0.8, 1.3, 3.0, 3.5, 7.0, 9.0, 10.0, 15.0, 30.0, 120, 420, 600, 2,700.



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

Input can be positive or negative.

## Make and break relays

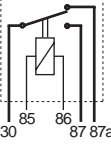
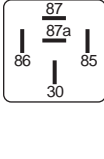

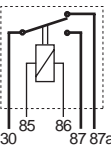
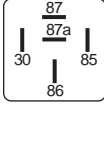

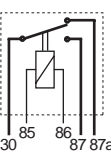
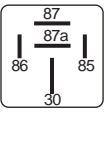

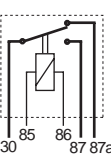
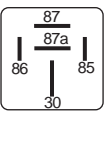

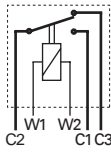
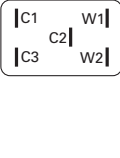

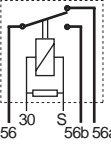
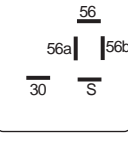

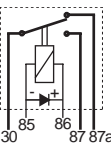
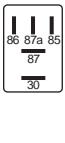
Product	Part No	Description	Quantity
  	0-727-02	<b>Mini normally closed.</b> 4 x 6.3mm terminals. 12V, 20A with bracket.	1
  	0-727-12	<b>Mini make and break.</b> 4 x 6.3mm terminals. 12V, 30A with bracket.	1
	0-727-14	As above, but with diode.	1
	0-727-15	As above, but sealed with resistor and without 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 sealed with resistor and without bracket.	1
  	0-727-16	<b>Mini make and break.</b> 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	<b>Mini fused make and break.</b> 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	<b>Mini make and break.</b> ('A' type termination). 4 x 6.3mm terminals. 12V, 30A with bracket.	1
	0-727-63	As above, but sealed with resistor and without bracket.	1
	0-727-74	24V, 20A with bracket.	1
	0-727-75	As above, but sealed with resistor and without bracket.	1
  	0-727-64	<b>Mini make and break.</b> ('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	<b>Micro make and break.</b> 2 x 6.3mm and 2 x 4.8mm terminals. 12V, 25A sealed with diode.	1
	0-727-25	24V, 10A sealed with diode.	1
  	0-727-19	<b>Micro make and break.</b> 2 x 6.3mm and 2 x 2.8mm terminals. 12V, 25A sealed with diode.	1
	0-727-29	24V, 10A sealed with diode.	1



## Make and break relays

Product	Part No	Description	Quantity
  	<b>0-727-50</b>	<b>Japanese type make and break.</b> 4 x 6.3mm terminals. 12V, 30A with bracket.	1
  	<b>0-727-32</b> <b>0-727-44</b>	<b>Mini twin make and break.</b> 5 x 6.3mm terminals. 12V, 30A with bracket. 24V, 20A with bracket.	1 1
  	<b>0-727-22</b> <b>0-727-34</b>	<b>Mini double make and break.</b> 5 x 6.3mm terminals. 12V, 2 x 20A with bracket. 24V, 2 x 10A with bracket.	1 1
  	<b>0-727-70</b> <b>0-727-71</b> <b>0-727-72</b> <b>0-727-40</b> <b>0-727-41</b> <b>0-727-42</b> <b>0-727-47</b>	<b>Mini heavy duty make and break.</b> 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
  	<b>0-727-20</b>	<b>6RA type make and break.</b> 5 x 6.3mm terminals, neoprene sealed. Replace SRB111, 113 12V, 30A with bracket.	1
  	<b>0-727-10</b> <b>0-727-06</b>	<b>Extra heavy duty make and break.</b> 2 x 6.3mm terminals and 2 x M6 stud. 12V, 100A with bracket. 24V, 60A with bracket.	1 1
  	<b>0-727-18</b> <b>0-727-08</b>	<b>Extra heavy duty make and break.</b> 2 x 6.3mm terminals and 2 x M6 stud. 12V, 120A with bracket. 24V, 100A with bracket.	1 1
  	<b>0-727-07</b> <b>0-727-17</b>	<b>Heavy duty make and break.</b> 2 x 6.3mm terminals, 2 x M5 screws. 12V, 75A with bracket. 24V, 40A with bracket.	1 1

## Change over relays

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

## Relays | Sockets | 12V flasher units

Product		Part No	Description	Quantity
		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	Bulkhead 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	Bulkhead 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	Bulkhead 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	Bulkhead 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
		0-606-12	12V 2 x 21 + 5W Popple flasher unit.	1
		0-606-11	12V 1-4 x 21W hazard/flasher unit. Negative earth only. <b>There is no bulb failure indication on this unit.</b>	1


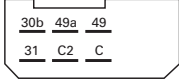

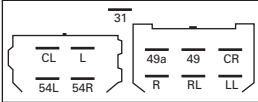
## 12V trailer flasher units

Product	Part No	Description	Quantity
		<b>0-606-50</b> 12V 4 x 21 + 5W Popple hazard unit.	1
		<b>0-606-00</b> 12V 2/4 x 21 + 5W hazard/flasher unit. Electronic unit replacing hot wire type, without earth.	1
		<b>0-744-22</b> 12V 2/4 x 21W hazard/flasher unit, low profile case. Negative earth only.	1
		<b>0-744-12</b> 12V 2/4 x 21W hazard/flasher unit. Negative earth only.	1
		<b>0-744-11</b> 12V 1-6 x 21W hazard/flasher unit. Negative earth only. <b>There is no bulb failure indication on this unit.</b>	1
		<b>0-744-38</b> 12V 2/4 x 21W hazard/flasher unit. Negative earth only.	1
		<b>0-744-13</b> 12V 2/4 x 21W hazard/flasher unit for Rover vehicles. Negative earth only.	1
		<b>0-744-16</b> 12V 2 + 1 + 1/8 x 21W hazard/flasher unit for tractors towing one or two trailers. Negative earth only.	1
		<b>0-744-63</b> 12V 2 + 1/6 x 21W caravan hazard/flasher unit. Negative earth only. C2 and 31 terminals on top.	1

## 12/24V and universal flasher units

Product	Part No	Description	Quantity
		<b>0-744-62</b> 12V 2 + 1/6 x 21W caravan hazard/flasher unit. Negative earth only.	1
		<b>0-744-37</b> 12V 2 + 1/6 x 21W caravan hazard/flasher unit. Negative earth only. C2 and 31 terminals on top.	1
		<b>0-744-36</b> 12V 2 + 1/6 x 21W caravan hazard/flasher unit. Negative earth only.	1
		<b>0-744-18</b> 12V 2 + 1/6 x 21W caravan hazard/flasher unit. Negative earth only. C2 and 31 terminals on top.	1
		<b>0-744-17</b> 12V 2 + 1/6 x 21W trailer hazard/flasher unit. Negative earth only.	1
		<b>0-744-24</b> 24V 2/4 x 21W hazard/flasher unit. Negative earth only.	1
		<b>0-744-23</b> 24V 1-6 x 21W hazard/flasher unit. Negative earth only. <b>There is no bulb failure indication on this unit.</b>	1
		<b>0-744-25</b> 24V 2/4 x 21W hazard/flasher unit. Negative earth only.	1
		<b>0-744-26</b> 24V 2 + 1/6 x 21W hazard/flasher unit. Negative earth only.	1

## Universal pulse generator

Product	Part No	Description	Quantity
 	<b>0-744-00</b>	Universal pulse generator, 12 or 24V, 1 to 8 x 21W. Negative earth only.  <b>There is no bulb failure indication on this unit.</b>	<b>1</b>
 	<b>0-744-34</b>	Universal pulse generator, 12 or 24V, 1 to 8 x 21W. Negative earth only.  <b>There is no bulb failure indication on this unit.</b>	<b>1</b>

## 9

# REPLACEMENT COMPONENTS





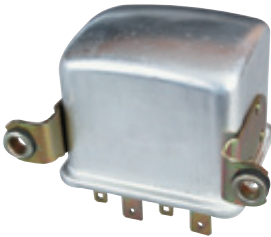




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## Alternators

Product	Part No	Description	Quantity
	<b>0-812-25</b> <b>Bosch</b>	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	<b>1</b>
	<b>0-831-55</b> <b>Lucas</b>	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	<b>1</b>
	<b>0-830-00</b> <b>CAV</b>	Electronic regulator for 24V alternator.  CAV 1697D520 440D24-2 Motorcraft EGR 205	<b>1</b>
	<b>0-830-12</b> <b>CAV</b>	Electronic regulator for 12V alternator.  CAV 1697D220 440D12-2 Motorcraft EGR 204	<b>1</b>
	<b>0-830-24</b> <b>CAV</b>	Electronic regulator for 24V alternator.  CAV 6317-31A,C,D,G,H, Q 546-R 529,1861 504,554	<b>1</b>
	<b>0-833-00</b> <b>Lucas</b>	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	<b>1</b>
	<b>0-845-03</b> <b>Lucas</b>	ACR alternator 3 pin connector supplied complete with terminals.  Lucas 54960402	<b>5</b>
	<b>0-833-06</b> <b>Lucas</b>	Mechanical regulator for 12V 25 amp generator.  Lucas RB106, 37066, 139, 179, 183, LRC105, NCB 101 Ford 105E-10505B	<b>1</b>

## Generators | Starters

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

## Starters

Product	Part No	Description	Quantity
	<b>0-335-09</b> Lucas	12V solenoid with manual rubber button, chassis return. Lucas 76415, 76417, 76425, 76426, 76445, 76450, 76460, 76464, 76465, 76470, 76471, 76485, 76486, 76703	1
	<b>0-335-05</b> Lucas	12V solenoid with manual button, isolated return. Lucas 76731, SRB319	1
	<b>0-335-04</b> Lucas	24V solenoid with manual button, isolated return. Lucas 76732, SRB321	1
	<b>0-341-35</b> Nippon Denso	Contact set. Servicing 1.4Kw gear reduction starters. Nippon Denso 028000-455 Honda 31200-657 004/071	1
	<b>0-341-36</b> Nippon Denso	Contact set. Servicing 2.4Kw gear reduction starters. Nippon Denso 028000-4990/5000/6250	1
	<b>0-341-37</b> Nippon Denso	Contact set. Servicing 1.4Kw gear reduction starters. Nippon Denso 28100-26041/45021 Toyota	1

## Universal Solenoids

Product	Part No	Description	Quantity
	<b>0-335-50</b>	Foot operated solenoid. Replaces SW-4001, 4005, 4010, 4015, 4201	<b>1</b>
	<b>0-335-38</b>	12V bulkhead 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.	<b>1</b>
	<b>0-335-39</b>	24V version of the above.	<b>1</b>
	<b>0-335-06</b>	12V bulkhead make and break solenoid. Isolated return. Rated at 150A continuous at 12Vs.	<b>1</b>
	<b>0-335-07</b>	24V version of the above. Rated at 100A.	<b>1</b>
	<b>0-335-46</b>	12V bulkhead make and break solenoid. Isolated return. Rated at 80A intermittent at 12Vs. This solenoid is not waterproof.	<b>1</b>
	<b>0-335-47</b>	24V version of the above. Rated at 50A.	<b>1</b>
	<b>0-335-56</b>	12V bulkhead change over/reversing solenoid. Isolated return. Rated at 80A intermittent at 12Vs. This solenoid is not waterproof.	<b>1</b>
	<b>0-335-57</b>	24V version of the above. Rated at 50A.	<b>1</b>
	<b>0-335-58</b>	12V bulkhead change over/reversing solenoid. Isolated return. Rated at 100 amp intermittent at 12Vs. M8 studs and 6.3mm blade terminals.	<b>1</b>
	<b>0-335-59</b>	24V version of above.	<b>1</b>

## Glow plug applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
<b>ALFA-ROMEO</b>					
Alfa 6 2.5TD	83 - 87	0-130-52	C3 1.4 16V HDI (8HY, DV4TED4)	02 >	0-132-43
Alfa 33 1.8TD	86 - 94	0-130-52	C3 Puriel 1.4HDI (8HX, DV4TD)	04 >	0-132-43
Alfa 75 2.0TD	85 - 92	0-130-52	C3 1.6 16V HDI (9HX, DV6ATED4)	05 > 06	0-132-43
Alfa 75 2.4TD	88 - 92	0-130-52	C3 1.6HDI 16V	06 >	0-132-51
Alfa 90 2.4TD SUPER	84 - 87	0-130-52	C3 1.6HDI Picasso (9HX, 9HZ, DV6TED4)	09 >	0-132-51
Alfa 147 1.9 JTDM	02 >	0-132-46	C4 1.6HDI (9HY, 9HZ, DV6TED4)	04 > 06	0-132-43
Alfa 156 1.9 (932)	02 - 06	0-132-46	C4 1.6HDI (9HY-Z, DV6TED4)	06 >	0-132-51
Alfa 156 (932) 2.4JTD	03 - 05	0-132-46	C4 1.6HDI Picasso (9HY-Z, DV6TED4)	06 >	0-132-51
Alfa 159 1.9JTDM, 2.4JTDM	05 >	0-132-46	C5 1.6HDI (9HY, DV6TED4)	04 >	0-132-43
Alfa 164 2.5TD	87 - 92	0-130-52	C5 1.6HDI (9HZ, DV6TED4)	08 >	0-132-51
Alfa 166 (936) 2.4JTD	03 >	0-132-46	C5 2.7HDI (DT17ED4)	08 >	0-132-45
Alfetta 2.0TD	79 - 83	0-130-52	C6 2.7HDI (DT17ED4)	05 >	0-132-45
Alfetta 2.4TD	83 - 84	0-130-52	Jumpy 1.6HDI 90	07 >	0-132-51
Bereta 2.4JTDM	06 >	0-132-46	Nemo 1.4HDI (8HS, DV4TD)	09 >	0-132-51
Guilietta 2.0TD	83 - 85	0-130-52	Xsara (N1) 1.4HDI (8HX, DV4TD)	03 - 05	0-132-43
Spider 2.4JTDM	07 >	0-132-46	Xsara 1.6HDI (N68, DV6TED4)	06 >	0-132-51
			Xsara Picasso (N68) 1.6HDI (DV6TED4)	04 >	0-132-43
<b>AUDI</b>			<b>DAIHATSU</b>		
A2 1.4TDi (AMF-BHC, ATL)	00 - 05	0-132-39	Charade 1.0D, CL30, CL50T, CL51, CL70	83 >	0-130-93
A3 1.9TDI (BKC)	03 >	0-132-39	Delta Truck 12V B, 3B, DG, DL40	77 >	0-130-93
A3 2.0TDI (BMM)	06 >	0-132-39	Delta Truck 12V 2C, 2C-T	88 >	0-130-93
A3 2.0TDI (AZV, BKD)	03 >	0-132-41	Delta 24V B, 3B	83 >	0-130-21
A3 Cabriolet 2.0TDI (CBAB)	08 >	0-132-42	Delta Wide 12V 1C, 2C, 2C-T	83 >	0-130-93
A4 1.9TDI (BKE-BRB)	04 >	0-132-39	Fourtrack 2.8D	85 - 93	0-130-93
A4 2.0TDI (BPW)	04 >	0-132-39	HIJET CL20 12V		0-130-93
A4 2.0TDI, 16V (BNA-BRF, BLB-BRE, BRD)	04 >	0-132-41	Rocky 4WD 2.8D/TD	84 >	0-130-93
A4 2.0TDI (CAGB, CAGA, CAHA)	07 >	0-132-42			
A4 2.7TDI (BPP,BSG)	04 >	0-132-42			
A4 2.7TDI (CAMB-CGKB,CAMA-CCWA)	07 >	0-132-42			
A4 3.0TDI (ASB, BKN)	04 >	0-132-42			
A4 3.0TDI (CAPA-CCWA)	07 >	0-132-42			
A4 Cabriolet 2.7TDI (BPP)	06 >	0-132-42			
A4 Cabriolet 3.0TDI (ASB, BKN)	05 >	0-132-42			
A5 2.7TCDI (CAMA-CGKA)	07 >	0-132-42			
A5 3.0TCDI (CAPA-CCWA)	07 >	0-132-42			
A6 1.9TDi	01 >	0-130-57			
A6 2.0TDI (BLB-BRE, BNA-BRF)	04 >	0-132-41			
A6 2.7TDI (BSG, BPP)	04 >	0-132-42			
A6 3.0TDI (BNG,BMK, ASB)	04 >	0-132-42			
A8 3.0TDI (ASB, BNG)	03 >	0-132-42			
A8 4.2TDI (BMC, BVN)	05 >	0-132-42			
Q7 3.0TDI (BUN,BUG,CASA), 4.2TDI (BTR)	06 >	0-132-42			
80 1.9TD/D	> 91	0-130-57			
80 1.9TD	91 - 95	0-130-57			
90 1.6TD	84 - 91	0-130-57			
100 2.0D, TD	78 - 80	0-130-57			
100 2.4D	89 >	0-130-57			
<b>BEDFORD</b>			<b>FIAT</b>		
Brava Pick-up 2.2D, 2.5D (Isuzi)	88 >	0-130-85	Bravo 1.9D Multijet (937A5.000)	07 >	0-132-46
KB Pick up 2.0D	80 - 89	0-130-85	Croma (194) 1.9 Multijet (939A2.000)	05 >	0-132-46
Midi Van 2.0D (Isuzi)	> 88	0-130-85	Croma (194) 2.4 Multijet (939A3.000)	05 >	0-132-46
Van 2.5D (Isuzi)	89 >	0-130-95	Doblo (119) 1.3D Multijet (223A9.000)	05 >	0-132-44
<b>BMW</b>			Doblo Cargo (223) 1.3JTD16V (188A9.000)	04 >	0-132-44
118d, 120d (E81, E87)	04 >	0-132-40	Doblo Cargo (223) 1.3D Multijet (199A2.000)	04 >	0-132-44
318d 2.0 (E46)	03 - 05	0-132-40	Ducato 10D 2.0	87 - 94	0-130-03
320d 2.0 (E46)	01 - 05	0-132-40	Idea 1.3JTD (188A9.000)	04 >	0-132-44
325d, 335d (E90)	06 >	0-132-40	Idea 1.3D Multijet (199A3.000)	04 >	0-132-44
330d, 330xd 3.0 (E46)	03 - 05	0-132-40	Linea 1.3D Multijet (199A3.000)	07 >	0-132-44
520d 3.0 (E60)	05 >	0-132-40	Panda (169) 1.3JTD (188A9.000)	03 >	0-132-44
525d 2.5 (E60)	04 >	0-132-40	Punto (188) 1.3JTD 16V (188A9.000)	03 >	0-132-44
525d, 525xd 3.0 (E60)	07 >	0-132-40	Punto Grande (199) 1.3D Multijet (199A2.000)	05 >	0-132-44
530d, 530xd 3.0 (E60)	03 >	0-132-40	Stilo (192) 1.9JTD (192A5.000,937A5.000)	04 >	0-132-46
535d 3.0 (E61)	04 >	0-132-40	Strada (178E) 1.3D Multijet (223A9.000)	06 >	0-132-44
635d 3.0 (E64)	07 >	0-132-40	240 12V	> 79	0-130-09
730d, 730Ld 3.0 (E65, E66)	02 >	0-132-40	500 1.3D Multijet (169A1.000)	07 >	0-132-44
X3 2.0d, 3.0d, 3.0sd (E83)	04 >	0-132-40	TRUCKS-BUS 24V		0-131-58
X5 3.0d (E53, E70)	03 >	0-132-40			
<b>CARBODIES (LTI CARBODIES)</b>			<b>FORD</b>		
FX4, TX4 Taxi 2.7 (Nissan)	89 - 01	0-130-17	Econovan 2.0D	85 >	0-130-26
<b>CATERPILLAR</b>			Fiesta V 1.4TDCI (F6JA-F6JB)	01 - 04	0-132-43
B15, 25FLT, B10,12FLT, 510PFLT	12V	0-131-54	Fiesta V 1.4TDCI (F6JA-F6JB)	04 >	0-132-51
<b>CHRYSLER/JEEP</b>			Fiesta V 1.6TDCI (HHJA-HHJB)	04 >	0-132-51
Renegade 2.1D (Isuzi)	83 >	0-130-85	Focus C-Max 1.6TDCI (HHDA-HHDB)	05 - 07	0-132-43
CJ5 - CJ7 (Isuzi)		0-130-85	Focus C-Max 1.6TDCI (G8DA-G8DB)	03 - 07	0-132-43
<b>CITROEN</b>			Focus C-Max 1.6TDCI (66, 80)	07 >	0-132-51
Berlingo 1.6HDI 90 (DV6ATED4)	05 > 06	0-132-43	Focus II (DA) 1.6TDCI (HHDA-HHDB)	05 >	0-132-43
Berlingo 1.6HDI 75 (9HT, DV6BTED4)	05 >	0-132-51	Focus II (DA) 1.6TDCI (G8DA-G8DB)	04 >	0-132-43
Berlingo 1.6HDI 90 (9HX, DV6ATED4)	06 >	0-132-51	Focus II 1.6TDCI (GPDA, C, HHDA, B)	05 >	0-132-51
Berlingo 1.6HDI 110 (9HZ, DV6TED4)	08 >	0-132-51	Focus II 1.6TDCI (G8DA, B, D, E, F)	04 >	0-132-51
C1 1.4HDI (DVD4)	05 >	0-132-51	Fusion (JU) 1.4TDCI (F6JA-F6JB)	02 - 04	0-132-43
C2 1.4HDI (8HX, DV4TD)	03 >	0-132-43	Fusion (JU) 1.6TDCI (HHJA-HHJB)	04 >	0-132-43
C2 1.4HDI (9HX, DV6TED4)	07 >	0-132-51	Fusion 1.4TDCI (F6JA-F6JB)	04 >	0-132-51
C2 1.6HDI (9HZ, DV6TED4)	05 > 07	0-132-43	Galaxy 1.9 TDi	95 >	0-130-98
			Maverick 2.7D (TD27, TD27T)	93 >	0-132-51
			Ranger 2.5D,4x4	99 - 02	0-132-47
			Ranger 2.5TD, 4x4	99 >	0-132-47
			<b>FREIGHT ROVER/LDV</b>		
			Boxer 12V		0-131-54
			Marina Van 1.5D	83 - 89	0-130-12
			Marina Van 1.8D	83 >	0-130-12
			Redline 340FG, 350FG		0-130-12
			Sherpa Van 1.5D	83 >	0-130-12
			Sherpa Van 1.8D	83 >	0-130-12
			Sherpa Van 200, 300 2.5D	85 - 89	0-131-52
			Tractor 1.5		0-130-12
			<b>HINO/RANGER</b>		
			Ranger 12V DG 2.5	78 - 80	0-130-93
			Ranger 24V B, 3B 3.0, 3.4	78 >	0-130-21
			<b>HYUNDAI</b>		
			Galloper 2.5TD, 2.5TCi, 2.7D	98 >	0-132-32
			H-1 2.5D	93 >	0-130-17
			H-100 2.5D	93 - 00	0-130-17
			Satellite 2.5TD	97 >	0-130-17
			Starex/Trajat 2.5TD	97 >	0-130-17
			Terracan 2.5TD, 2.9crdi	01 >	0-132-32



## Glow plug applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
<b>INTERNATIONAL</b>			<b>LEXUS</b>		
125, 454, 2454, 3400A, 474, 544, 574	70 >	0-131-50	IS220d (2AD-FHV)	05 >	0-132-50
2400, 2500, 3400	71 >	0-131-50			
3500 Loader, 3500GD	73 >	0-131-50			
<b>ISEKI (Mitsubishi-Kyoto Engines)</b>			<b>MAZDA</b>		
12, 13, 14, KA2S, 2B, 2C		0-130-75	323 1.7D	86 - 96	0-130-26
K3 A, B, C, D, E, F, H, M, K4 A, B, C, D, E, F		0-130-75	626 2.0D	82 - 96	0-132-47
KE55, 70, 70L, 75, 75L, 80, 85, 95, 130		0-130-75	626 2.0D (RF46, RFB)	82 - 89	0-132-47
			626 2.0D Wagon (RF, RF8)	88 - 92	0-132-47
			626 II 2.0D (RF46)	83 - 87	0-132-47
<b>ISUZU</b>			626 III 2.0D (RF-N)	87 - 91	0-132-47
Elf 150 C190, C240 12V	70 - 84	0-130-85	626 III 2.0D SW (RF-CX)	93 - 96	0-132-47
Elf 150 4JA1, 4JB1, 4JB1T 12V	84 >	0-130-95	626 V 2.0DITD (RF3F)	98 - 02	0-132-47
Elf 250 C240, 4BA1, 4BC1 12V	70 - 84	0-130-85	626 VI 2.0 D GLX (RF OHC)	93 - 97	0-132-47
Elf 250 4BJ1-2, 4JA1, 4JB1 12V	84 >	0-130-95	929	80 >	0-130-26
Fargo	81 - 82	0-130-85	B 2.2 12V	84 >	0-130-26
Hipack	83 - 87	0-130-85	B 2.5 4WD 12V	96 >	0-132-47
Rodeo C190, C223	79 >	0-130-85	Capella (RF)	83 >	0-130-26
Rodeo 4JB1	90 >	0-130-95	E 2.2 (R2)	84 - 88	0-130-26
Trooper 2.3TD	81 - 90	0-130-85	J80 (RF)	83 >	0-130-26
Trooper 2.8TD, 4JB1T	90 - 92	0-130-95	MPV 2.5TD	96 >	0-130-26
			MPV 2.5TD (WL-Turbo)	96 >	0-132-47
<b>IVECO</b>			Spectron (RF)	83 >	0-130-26
Trucks	24V	0-131-58	Titan 12V (XA)	80 >	0-130-26
			T 2.5, 3.0, 4.1 12V (XA)	80 >	0-130-26
<b>JOHN DEER</b>			Light Bus Parkway 12V (HA)	80 >	0-130-26
Tractors 2840, 3030, 3130 (6 Cyl)	12V	0-131-50	Mazda 2 1.4CD (F6JA, F6JB)	03 >	0-132-43
Combine MB955, 965, 975, 985 (6 Cyl)	12V	0-131-50			
<b>JAGUAR</b>			<b>MERCEDES BENZ</b>		
S-Type 2.7D (CCX)	04 >	0-132-45	170Da, Db, Ds, S-D	> 83	0-131-04
XF-Type 2.7D	08 >	0-132-45	220 2.2CDi	97 >	0-132-17
XJ-Type 2.7D	05 >	0-132-45	309D 3.0D, 409D 3.0D	82 - 89	0-132-01
			C200 2.2CDi	98 >	0-132-17
<b>KIA</b>			C220 2.2CDi	97 >	0-132-17
Besta 2.2D	96 >	0-132-47	C270 2.7CDi	00 >	0-132-17
Frontier 3.0D	98 >	0-130-36	CLK270 2.7CDi	02 >	0-132-17
K2700 2.7D	99 >	0-132-47	E200 2.2CDi	98 >	0-132-17
Pregio 2.7D	97 >	0-132-47	E220 2.2CDi	98 >	0-132-17
Pregio 3.0D	98 >	0-130-36	E270 2.7CDi	99 >	0-132-17
Rentona 2.0TD	99 >	0-132-47	E320 3.2CDi	99 >	0-132-17
Sportage 2.0TD	97 >	0-132-47	E400 4.0CDi	03 >	0-132-17
<b>KOMATSU</b>			ML270 2.7CDi	98 >	0-132-17
Bulldozer 4D105, 4D92 (4 Cyl)	24V	0-130-21	S320 3.2CDi	99 >	0-132-17
Payloader	12V	0-131-54	S400 4.0CDi	00 >	0-132-17
			Sprinter 208CDi, 211CDi, 213CDi 2.2	00 >	0-132-17
<b>KUBOTA</b>			Sprinter 308CDi, 311CDi, 313CDi 2.2	00 >	0-132-17
3602DT, KH-20, L2601, L4202 (4 Cyl)	12V	0-130-81	Sprinter 408CDi, 411CDi, 413CDi 2.2	00 >	0-132-17
KH-11H, KH-12FD, L235, L305 (3 Cyl)	12V	0-130-81	Sprinter 216CDi, 316CDi 2.7	00 >	0-132-17
RC 20 FD (3 Cyl)	12V	0-130-81	Sprinter 416CDi, 616CDi 2.7	00 >	0-132-17
B1902DT, B6100, B7001, B7100 (3 Cyl)	12V	0-130-65	V200 2.0CDi, V220 2.2CDi	99 >	0-132-17
B5100, NX1100, NX1300, NX1800(2 Cyl)	12V	0-130-65	Viano 2.0CDi, 2.2CDi	03 >	0-132-17
KH-8, L2002, L1802, L2202, L2402(3 Cyl)	12V	0-130-65	Vito 108CDi, 110CDi, 112CDi 2.2	98 >	0-132-17
L2602, L2802, L3202, L4202DT (4 Cyl)	12V	0-130-65	Vito 2.0CDi, 2.2CDi	03 >	0-132-17
L275, NX1500, RC-15FD (3 Cyl)	12V	0-130-65	Unimog U34 1.8, 421 2.0	65 - 75	0-131-04
M4950 (6 Cyl)	12V	0-130-65			
RC-20, RC-25, RC-8FD (2 Cyl)	12V	0-130-65			
<b>LANCIA</b>			<b>MINI</b>		
Musa 1.3D Multijet (188A9.000/A3.000)	04 >	0-132-44	Mini Cooper D 1.6D (9HZ DV6TED4)	07 >	0-132-51
Thesis 2.4JTD (841G.000)	03 >	0-132-46	Mini Clubman 1.6D (9HZ DV6TED4)	07 >	0-132-51
Ypsilon 1.3JTD, 1.3D Multijet (199A9.00/A2.00)	03 >	0-132-44			
<b>LAND ROVER</b>			<b>MITSUBISHI</b>		
88 2.2D	77 - 83	0-131-02	Bobcat MM35	12V	0-130-75
109 2.6D	77 - 83	0-131-02	Colt Lancer 1.8D, GLD	83 - 88	0-130-17
88 2.5D	86 - 90	0-130-52	Colt Lancer 2.0TD	93 - 96	0-132-32
90, 110 County 2.5TD	89 >	0-130-52	Delica (4D55, 4D56)	82 >	0-130-17
Defender 2.5TDi 200, 300TDi	89 >	0-130-92	Delica (4D56)	93 - 94	0-130-26
Discovery 2.5TDi 200, 300 TDi	89 - 98	0-130-92	Delica (4D56T)	97 >	0-132-32
Discovery III 2.7TD (276DT)	04 >	0-132-45	Delica (4M40T)	94 >	0-132-48
Range Rover 2.4TD	86 - 89	0-130-52	Dump truck 24V (6DR5)	76 >	0-130-17
Range Rover 2.5TDi	89 - 93	0-130-92	Eterna 12V 1.8D, TD, 2.3D, TD Not QGS	80 - 87	0-130-17
Range Rover 2.7DVM (276DT)	05 >	0-132-45	Galant 12V 1.8TD, 2.3D, TD	80 - 87	0-130-17
Range Rover 3.6TD8 (368DT)	06 >	0-132-45	Galant 2.0TD (4D68)	93 - 00	0-132-32
			Galant Wagon 2.0TD (4D68)	96 - 00	0-132-32
<b>LEYLAND</b>			Galloper 2.5D (D4BH)	98 >	0-132-32
245 2.5	73 >	0-131-57	Grandis 2.0DI-D (BSY)	05 >	0-132-41
Boxer Bx	12V	0-131-54	L200D 2.3D, L300D 2.5D	83 - 86	0-130-17
FK tractor shovel	12V	0-131-54	L200D 2.5D (4D56 SOHC)	94 - 96	0-132-32
Ford truck	12V	0-131-54	L300D 2.5D	87 >	0-130-17
Fairway 2.7TD	93 >	0-132-49	L300D 2.5TD, L400 2.5TD (4D56T)	94 >	0-132-32
Readline 220, 240, 340FG, 350	12V	0-130-12	Liberio (4D68T)	97 >	0-132-32
Road Roller GC4, GN, GR	12V	0-131-54	Lancer 2.0D, TD (4D68, 4D68T)	93 >	0-132-32
Road Roller GRY, GRT	12V	0-131-57	Lancer Station Wagon 2.0D	93 - 96	0-132-32
Road Roller PR2, PR15, PRT	12V	0-131-54	Mirage (4D68T)	97 >	0-132-32
Sherpa 1.5D, 1.8D	12V	0-130-12	Montero 2.5TD	83 - 88	0-130-17
Dumper SY4, 5, 6, 7	12V	0-131-57	Montero 2.8TD (4M40)	94 - 00	0-132-48
TR Range, TR3	12V	0-131-54	Outlander 2.0DI-D (BSY)	07 >	0-132-41
TS 200 Tractor shovel	12V	0-131-57	Pajero 2.3D, TD, 2.5TD	82 - 93	0-130-17
			Pajero 2.5TD Intercooler	93 - 99	0-130-26
			Pajero Sport 2.5TD	98 - 02	0-132-32
			Pajero II 2.5TD (4D56TD)	90 - 00	0-132-32
			Pajero II 2.8TD (4M40)	94 - 00	0-132-48



## Glow plug applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
Shogun 2.3D, TD	82 >	0-130-17	H01, H02, 12V (SD25)		0-130-65
Shogun 2.5TD	93 - 98	0-132-32	NH02 12V (SD15T)		0-130-65
Shogun 2.7TD (4M40)	94 - 00	0-132-48	QF01, 02, QGF02 Series 12V (SD22, SD25)		0-130-65
Space Runner 2.0D (4D68)	93 >	0-132-32	<b>NISSAN General Purpose Engines:</b>		
Space Wagon 1.8TD	89 >	0-130-17	Condol 12V (SD22)		0-130-65
Space Wagon 2.0TD 4WD	93 >	0-132-32	12V (SD23)		0-130-65
Sigma 2.3D/TD 4D55T	80 - 84	0-130-17	12V (SD25)		0-130-65
Strada (4D68T)	97 >	0-132-32	<b>NISSAN Marine Engines:</b>		
1300 Van, Minibus 12V (4D56)		0-130-17	12V (SD33)		0-130-65
<b>MITSUBISHI Industrial Engines</b>			<b>OPEL</b>		
Dump truck 24V (6DR5)	76 >	0-130-17	Agila 1.3CDTI (Z13DT, Z13DTJ)	03 >	0-132-44
12, 13, 14, KA2(S), 2B, 2C		0-130-75	Campo 1.7D, 2.2D Pick-up	96 >	0-130-63
K3A, B, C, D, E, F, G, H, M		0-130-75	Combo Tour 1.3CDTI 16V (Y13DT, Z13DT/J)	04 >	0-132-44
K3, K4, KE55, 80, 85, 95, 130		0-130-75	Combo 1.7Di (4EE1 OHC)	94 >	0-132-63
KE70, 70L, 75, 75L		0-130-75	Kadett E 1.5D Isuzu	84 - 91	0-130-85
<b>NEW HOLLAND</b>			Mervia 1.3CDTI (Z13DT/J)	03 >	0-132-44
Clayson SP818, 1530, 1540-1550	68 >	0-131-54	Senator 2.3D, 2.3TD	81 >	0-132-01
Clayson M140, M133, M135, M89	68 >	0-131-54	Signum 1.9CDTI (Z19DTH)	04 >	0-132-46
<b>NISSAN</b>			Vivaro 2.5DTi	03 >	0-132-31
QGS type 1 = twin relay			<b>PERKINS</b>		
220C 2.0D, 2.2D, 2.3D	68 >	0-130-65	4-108 12V		0-131-54
280C 2.0D, 2.2D	68 >	0-130-65	Fork Lift Truck D3-152, 4-107	70 >	0-131-54
819 2.0D, 910 2.0D (LD20, LD20T)	87 >	0-130-36	Beet Harvester P3-359, P4-459, P6-659	70 - 71	0-131-53
Atlas 12V (SD23, SD25)	82 >	0-130-65	4-99, -107, -108, -192, -203, -236	70 - 71	0-131-54
B11 1.7D	86 >	0-130-36	3-144, -152, 6Pf288, 305, 6-354	70 - 71	0-131-54
Bluebird 2.0D	85 - 90	0-130-36	6-372 (TA)	70 - 71	0-131-54
Brougham 2.3D	93 >	0-130-17	Fork Lift Truck/Industrial DFG4L 4-236	70 >	0-131-54
Caball/C340, Civilan 2.2D	67 >	0-130-65	General 6-354, T6-354, 6-354(1), 4-108(V)	69 >	0-131-54
Caball/C340, Clipper 3.0D	80 - 81	0-130-65	Inc. Marine H6-354(M), 4-108(M)	69 >	0-131-54
Cabstar, Homer 2.2D	76 >	0-130-65	Industrial 4-248(1), 6-372	71 >	0-131-54
Cabstar, Homer 2.3D, 2.5D, 2.7D	87 >	0-130-17	Industrial 6-354.2	70 - 71	0-131-54
Cedric, Gloria (SD20)	68 - 83	0-130-65	Industrial A4-248, D4-203(1)	70 >	0-131-54
Cedric, Gloria 2.3D (SD23)	84 >	0-130-65	Refrigeration Unit 4-107(A)	69 >	0-131-54
Cedric, Gloria 2.3D (TD23)	86 >	0-130-17	<b>PEUGEOT</b>		
Datsun Truck 12V (SD22, 23, 33)	68 >	0-130-65	106 1.5D (TUD5) 2.1, 2.3	94 >	0-130-85
D21 2.5D, 2.7D (TD25, 27)	93 >	0-130-17	107 1.4HDI	05 >	0-132-51
E20, E23, E24 2.2D 12V	78 >	0-130-65	206 1.4HDI eco 70 (8HX, 8HZ)	01 >	0-132-43
E20, E23, E24 2.3D (SD23 QGS Type1) 12v82 >		0-130-65	206 1.4HDI (8HX, 8HZ, DV4TD)	01 >	0-132-51
E20, E23, E24 2.3D (TD23) 12V		0-130-17	206 1.6HDI 110 FAP (9HY, 9HZ)	04 >	0-132-43
E20, E23, E24 2.7D, E24 2.5D 12V		0-130-17	206 1.6HDI 110 (9HY, 9HZ, DV6TED4)	04 >	0-132-51
F22 2.3D, 2.5D, 2.7D 12V		0-130-17	207 1.4HDI (DV4TD)	06 >	0-132-51
F22 2.5D 12V (SD25)	81 >	0-130-65	207 1.6HDI (9HX, 9HY, 9HZ, DV6TED4)	06 >	0-132-51
H40 12V (SD25)	> 81	0-130-24	307 1.4HDI (8HX, 9HZ)	01 >	0-132-43
Junier 12V (SD22, 25)	68 >	0-130-65	307 1.6HDI 110 (9HY)	04 - 05	0-132-43
Laurel 2.0D (SD20)	78 - 80	0-130-65	307 1.6HDI (9HX, 9HY, DV6ATED4)	04 >	0-132-51
N12 (CD17)	86 >	0-130-36	308 1.6HDI (9HZ DV6TED4)	07 >	0-132-51
Pathfinder 2.5D21, 2.7D21 (TD27ETi)	81 >	0-130-17	407 1.6HDI 110 (9HY)	04 - 06	0-132-43
Pathfinder 2.7D21 (TD27T)	81 >	0-132-49	407 1.6HDI (9HY DV6TED4)	06 >	0-132-51
Patrol 2.7TD	93 >	0-130-17	407 2.7HDI (UHZ)	05 >	0-132-45
Patrol 3.2D, TD	82 >	0-130-65	607 2.7HDI 24V (DT17TED4))	04 >	0-132-45
Patrol 4.2TD 12V	87 >	0-130-17	1007 1.4HDI (8HX, 8HZ, DV4TD)	05 >	0-132-51
Pick-up 2.2D 2.3D	78 >	0-130-65	1007 1.6HDI (9HZ, DV6TED4)	07 >	0-132-51
Pick-up 2.5D (SD25)	83 >	0-130-65	3008 1.6HDI (9HZ, DV6TED4)	09 >	0-132-51
Pick-up 2.7D (TD25)	87 - 96	0-130-17	Bipper 1.4HDI (8HS, DV4TD)	08 >	0-132-51
Pick-up 2.7D (TD27)	87 - 98	0-130-17	Expert 1.6HDI 90	07 >	0-132-51
Pulsar 1.7D (CD17)	86 >	0-130-36	Ranch 1.6HDI (9HX, DV6ATED4)	08 >	0-132-43
Serena 2.0D	94 >	0-130-36	Ranch 1.6HDI 75, 90 (9HX, DV6ATED4)	06 >	0-132-51
Serena 2.3D (LD20)	92 - 94	0-130-36	<b>PROTON</b>		
Serena 2.3D (LD23)	94 >	0-132-48	Persona 400/420 2.0D	96 >	0-130-17
Sentra 1.7D	87 >	0-130-36	<b>RENAULT</b>		
Stanza 2.0D	86 >	0-130-36	Avantime 2.2DCI	02 >	0-132-31
Sunny 1.7D	86 - 98	0-130-36	Espace III 2.2DCI	00 >	0-132-31
Sunny wagon 12V (CD17)	83 >	0-130-36	Espace IV 2.2DCI	02 >	0-132-31
Terrano 2.5TD, 2.7TD (TD25, TD27)	87 >	0-130-17	Laguna II 2.2DCI	01 >	0-132-31
Terrano 2.7TD (TD27T)	89 - 93	0-132-48	Master 2.2DCI	00 >	0-132-31
Terrano II 2.7TDI (TD27TI)	96 - 97	0-132-48	Master 2.5DCI	01 >	0-132-31
Urvan 2.2D 12V	78 >	0-130-65	Trafic 1.9DCI	01 >	0-132-31
Urvan 2.3D 12V (SD23) QGS Type1	82 >	0-130-65	Trafic 2.5D	03 >	0-132-31
Urvan 2.3D, 2.5D, 2.7D (TD23, 25, 27)	87 >	0-130-17	Vel Satis 2.2DCI	02 >	0-132-31
Vanette 2.0D (LD20)	87 >	0-130-36	<b>ROVER</b>		
Vanette 2.0D (LD2011, L)	87 - 94	0-130-36	825 2.5D	88 - 91	0-130-52
Vanette Cargo 2.0D (LD20 OHC)	92 - 94	0-130-36	Marina 1.5D	71 - 82	0-130-12
Wagon 1.7D	93 >	0-130-36	SDI 2.4STD	82 - 86	0-130-52
<b>NISSAN Fork Lift:</b>			<b>SAAB</b>		
NSF01A, SF01A Series 12V (SD15)		0-130-65	9-3 1.9TID (Z19DT, Z19DTH)	04 >	0-132-46
CEF02A Series 12V (SD22, SD25)		0-130-65	<b>SEAT</b>		
QF01A, QF02A Series 12V (SD22)	> 80	0-130-65	Alhambra 1.9TDi (cooling water heater)	95 >	0-132-02
QF01A, QF02A Series 12V (SD22)	81 >	0-130-65	Alhambra 2.0TDi (BRT)	05 >	0-132-39
EF02 Series 12V (SD25)		0-130-65	Altea 1.9TDi, XL (BJB, BKC, BLS, BXE)	04 >	0-132-39
EF02A Series 12V (SD25)		0-130-65	Altea 2.0TDi, XL (AZV, BMM)	04 >	0-132-39
FD005, 006, 007 Series 12V (SD33)		0-130-65			
F02, 03 Series 12V (SD33)		0-130-65			
F22, H40 12V (SD25)		0-130-65			
H01, NH01 12V (SD15)		0-130-65			

## Glow plug applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
Altea 2.0TDI 16V, XL (BKD, AZV)	04 >	0-132-41	Meriva 1.3CDTI (Z13DTJ)	03 >	0-132-44
Cordoba 1.9D	93 >	0-130-57	Movano 2.2DTi	00 >	0-132-31
Ibiza 1.9D, TD	93 >	0-130-57	Nova 1.5D Isuzu 804795>	87 - 93	0-130-85
Ibiza IV Cupra R 1.9TDI (BPX)	04 >	0-132-39	Signum 1.9CDTI (Z19DTH)	04 >	0-132-46
Ibiza V 1.9TDI, Sportcoupe (BXJ, BLS)	08 >	0-132-39	Tigra Twin Top 1.3CDTI (Z13DT)	04 >	0-132-44
Inca 1.7D, 1.9D	95 >	0-130-57	Vectra 1.7 TD (isuzu)	95 >	0-130-63
Leon 1.9TDI, 2.0TDI (AXR, BXF, BMM)	05 >	0-132-39	Vectra C 1.9CDTI, C GTS (Z19DTH)	04 >	0-132-46
Leon 1.9TDI (1P1)	07 >	0-132-39	Zafira 1.9CDTI (Z19DTH)	05 >	0-132-46
Leon 2.0TDI, 2.0TDI 16V (AZV, BKD)	05 >	0-132-41			
Terra 1.3D, 1.4D	90 - 95	0-130-57	<b>VM</b>		
Toledo 1.9D, TD	91 >	0-130-57	HR294HP	87 >	0-130-52
Toledo III 1.9TDI (BJB, BKC, BLS, BXE)	04 >	0-132-39	HR392SHTR	86 - 87	0-130-52
Toledo III 2.0TDI (BMM)	06 >	0-132-39	HR394H, HT, HPT	84 - 87	0-130-52
Toledo III 2.0TDI, 2.0TDI 16V (AZV, BKD)	04 >	0-132-41	HR488H12R	85 >	0-130-52
			HR488HT2R	79 - 85	0-130-52
<b>SKODA</b>			HR492HIM, HR492HIR	84 - 87	0-130-52
Fabia 1.9TDI, Combi (BLS, BSW)	07 >	0-132-39	HR492HIRR	86 >	0-130-52
Felicia 1.9D	96 >	0-130-57	HR492HT9	80 >	0-130-52
Octavia 1.9D, Pick-up	96 >	0-130-57	HR494H	84	0-130-52
Octavia 1.9TDI (BJB, BKC, BLS, BXE)	04 >	0-132-39	HR494HPT	85 >	0-130-52
Octavia 2.0TDI (BMM)	05 >	0-132-39	HR494HT	84 - 86	0-130-52
Octavia 2.0TDI 16V, Combi (BKD)	04 >	0-132-41	HR494HT10	86 >	0-130-52
Roomster 1.9TDI (BLS, BSW)	09 >	0-132-39	HR588HTT, HR588HIW	85 >	0-130-52
Superb 1.9TDI, 2.0TDI (BSV, BPZ, BSS)	05 >	0-132-39	HR594H, HT	84 >	0-130-52
Superb 2.5TDi	02 >	0-133-38	HR692HIW	85 >	0-130-52
			HR692HT9	81 >	0-130-52
<b>SSANG YONG</b>			HR694HT	84 >	0-130-52
Korando 2.2D	88 - 96	0-130-85	HR694HT10	86 >	0-130-52
			492.4 SHIR	87 >	0-130-52
<b>SUZUKI</b>			<b>VOLKSWAGEN</b>		
Ignis II 1.3DDIS (Z13DT)	03 >	0-132-44	Bus 1.6D, TD, 1.8D, 1.9D, TD	81 - 98	0-130-57
Liana (ER) 1.4DDIS (8HY)	05 >	0-132-43	Bus 2.4D, TD	90 - 98	0-130-57
Swift III (SG) 1.3DDIS (Z13DT)	05 >	0-132-44	Caddy 1.6 D	> 92	0-130-57
Vitara 2.0TD	94 - 98	0-130-26	Caddy 1.9 D	95 >	0-130-57
Grand Vitara 2.0TD	98 >	0-132-47	Caddy III 1.9TDI (BSU, BJB, BLS)	04 >	0-132-39
Wagon R + (MM) 1.3DDIS (Z13DT)	03 >	0-132-44	Caddy III 2.0TDI (BMM)	07 >	0-132-39
<b>TOYOTA</b>			Caravelle 1.9D, TD, 2.4D, Syncro	90 >	0-130-57
Avensis 2.0TD	97 - 00	0-130-93	Dasher 1.5D	> 80	0-130-57
Avensis 2.2D (2AD-FHV)	05 >	0-132-50	Dasher 1.6D	80 >	0-130-57
Aygo 1.4HDI	05 >	0-132-43	EOS 2.0TDI (BMM)	06 >	0-132-39
Bus 24V (2D)	73 - 77	0-130-46	Eurovan 2.4D	92 >	0-130-57
Camry 1.8D, 2.0TD Combi	83 - 91	0-130-93	Golf I 1.5D, 1.6D, TD	> 84	0-130-57
Carina 1.8D	82 - 83	0-130-93	Golf II 1.6D, TD	88 - 92	0-130-57
Carina E 2.0D, TD	92 >	0-130-93	Golf III 1.9D, TD	91 - 98	0-130-57
Carina II 2.0D	83 >	0-130-93	Golf V 1.9TDI (BKC, BLS, BXE, BRU, BXF, BXJ)	03 >	0-132-39
Coaster 12V (B, 2B, 3B)	72 - 82	0-130-93	Golf V Variant 1.9TDI (BKC, BLS, BXE)	07 >	0-132-39
Coaster 12V (13B)	93 >	0-130-93	Golf V Variant 2.0TDI (BMM)	07 >	0-132-39
24V (2H)	82 >	0-130-21	Golf V 2.0SDI, TDI (BDK, BMM)	04 >	0-132-39
24V (13B)	93 >	0-130-21	Golf V 2.0TDI, 2.0TDI 16V (AZV, BKD)	03 >	0-132-41
24V (B, 2B, 3B)	72 - 89	0-130-21	Golf V Plus 1.9TDI (BRU, BXF, BXJ)	05 >	0-132-39
24V (1HZ)	94 >	0-130-21	Golf V Plus 2.0TDI (BMM)	05 >	0-132-39
24V (3B, 1HD-T)	98 >	0-130-21	Jetta 1.6D, TD	80 - 92	0-130-57
Corolla 1.8D	82 - 92	0-130-93	Jetta III 1.9TDI (BKC, BLS, BXE)	05 >	0-132-39
Corolla 2.0D	92 - 00	0-130-93	Jetta III 2.0TDI (BMM)	05 >	0-132-39
Corolla 2.2D-4D (2AD-FHV, FTV)	05 >	0-132-50	Jetta III 2.0TDI, 2.0TDI 16V (AZV, BKD)	05 >	0-132-41
Dyna 2.0D 24V	80 >	0-130-21	LT 2.4D, TD	78 - 95	0-130-57
Dyna 3.0D 24V (B/11B)	93 >	0-130-21	Multivan 1.9D, TD, 2.4D	90 >	0-130-57
Dyna 3.7D 24V (141B)	93 >	0-130-21	Multivan V 1.9TDI (BRR, BRS)	06 >	0-132-39
Hiace 3.0D, 3.7D 24V (B/11B, 14B)	93 >	0-130-21	New Beetle 1.9TDI (BSW)	05 >	0-132-39
Hi-Lux Surf (2C-III T)	88 >	0-130-93	Passat 1.5D	> 80	0-130-57
Landcruiser 2.4D 24V	79 - 81	0-130-21	Passat 1.6D, TD	80 - 93	0-130-57
Landcruiser 3.4D 12V	80 >	0-130-93	Passat 1.9D, TD	89 - 96	0-130-57
Landcruiser 3.4D 24V	80 - 88	0-130-21	Passat 1.9TDI (BKC, BLS, BXE)	05 >	0-132-39
Landcruiser 4.0D, TD 12V	80 - 90	0-130-93	Passat 2.0TDI (BMP, BUZ, BMR)	05 >	0-132-41
Landcruiser 4.0D 24V	82 - 89	0-130-21	Passat 2.0TDI (BMA, CBAA)	05 >	0-132-42
Landcruiser 4.2D, TD 12V	90 >	0-130-93	Passat Variant 2.0TDI (BVD, BVEBMP, BMR)	05 >	0-132-41
Landcruiser 4.2D, TD 24V	95 >	0-130-21	Phaeton 3.0 V6TDI (BMK)	04 >	0-132-42
Lit-Ace 1.8D, 2.0D	82 - 96	0-130-93	Phaeton 3.2 V6 (AYT, BKL)	02 >	0-132-39
Rav-4 III 2.2D	06 >	0-132-50	Polo 1.3D, 1.4D, 1.9D	85 >	0-130-57
Toyoto-Ace 2.5D 24V (2J)	82 >	0-130-21	Quantum 1.6TD	82 - 91	0-130-57
Toyoto-Ace 24V (B)	80 - 82	0-130-21	Santana 1.6D, TD	81 >	0-130-57
Truck 24V (D, 2D)	77 >	0-130-46	Tiguan 2.0TDI	07 >	0-132-42
<b>VAUXHALL</b>			Touareg 2.5 R5TDI (BAC, BPE)	03 >	0-132-39
Astra MkV 1.3CDTI (Z13DTH)	05 >	0-132-44	Touareg 3.0 V6TDI (BKS, CASA)	04 >	0-132-42
Astra 1.5E D Isuzu 4 EC 1	84 - 91	0-130-85	Touran 1.9TDI (BSW, AVQ, BKC, BXE)	03 >	0-132-39
Astra 1.7D 17TD/TC4 EE1 OHC956633>	91 - 98	0-130-63	Touran 2.0TDI (BMM)	05 >	0-132-39
Astra MkV 1.9CDTI, 16V (Z19DTH/DTJ)	04 >	0-132-46	Touran 2.0TDI (AZV, BKD)	03 >	0-132-41
Brava 2.2D Pick-up (Isuzu)	91 - 97	0-130-85	Transporter 1.6D, TD, 1.7D, 1.9D, TD	81 >	0-130-57
Cavalier 1.7TD Isuzu	95 >	0-130-63	Transporter V 1.9TDI (BRR, BRS)	06 >	0-132-39
Cavalier 1.7TD (III) 17TD/TC4 EE1 OHC	92 - 95	0-130-63	Transporter 2.4D, TD	90 - 98	0-130-57
Combo 1.7D	96 >	0-130-63	Vento 1.9D, TD	91 - 97	0-130-57
Combo 1.3CDTI 16V (Z13DTJ)	05 >	0-132-44			
Corsa MkII 1.3CDTI 16V (Z13DT)	04 >	0-132-44	<b>VOLVO</b>		
Corsa MkIII 1.3CDTI (Z13DTJ/DTH)	06 >	0-132-44	240 2.0D, 2.4D	79 - 93	0-130-57
Corsa 1.5D Isuzu 15D/4 EC1 AAD	87 - 93	0-130-85	244 D6		0-130-57
Corsa 1.5D 15D 4EC1 OHC	93 - 00	0-130-63	245 D6		0-130-57
Corsa 1.5TD, XD, XTD	93 - 00	0-130-63	740 2.4D, TD, Intercooler	84 - 92	0-130-57
Corsa 1.7D	96 - 00	0-130-63			

## Glow plug applications

Model/Engine	Year	Part No
760 2.4TD, Intercooler	82 - 92	<b>0-130-57</b>
780 2.4TD	85 - 91	<b>0-130-57</b>
940 2.4 GL, GLE, TD, Intercooler	90 - 97	<b>0-130-57</b>
960 2.4 TD Intercooler	91 - 97	<b>0-130-57</b>
S40 II 1.6D	05 >	<b>0-132-43</b>
S60 2.4D, 2.4D5 (D5244T2, D544T)	01 >	<b>0-132-45</b>
V50 1.6D	05 >	<b>0-132-43</b>
V70 II 2.4D, 2.4D5 (D5244T2, D5244T)	01 >	<b>0-132-45</b>
V90 3.6F407/408	78 - 86	<b>0-130-52</b>
XC70 2.4 D5 (D5244T)	02 >	<b>0-132-45</b>
XC90 2.4 D5 (D5244T)	02 >	<b>0-132-45</b>
<b>YANMAR</b>		
Combine (3 Cyl)	12V	<b>0-130-65</b>
Construction machine (3 Cyl)	12V	<b>0-130-65</b>
Generator (3 Cyl)	12V	<b>0-130-65</b>
Tractors (3, 4 Cyl)	12V	<b>0-130-65</b>

## Glow plug cross references

Part No	BERU	BOSCH	CHAMPION	LUCAS	MARELLI	NGK	NIPPON DENSO	HKT
<b>0-130-12</b>	112M, GV112	0.250.200.035	CH 32	HDS227		Y-302		B-055
<b>0-130-17</b>	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
<b>0-130-21</b>	895, 969MJ, GV895, 969	0.250.202.012, 076, 097, 119	CH104	HDS236 HDS237 HDS238 HDS242		Y-178, T Y-197R, T	067100-1161 1220, 1340, 1360 1460, 1700	PT94, 101, 108 109, 141, 149 153
<b>0-130-26</b>	705MJ, GN023, GV705, 819	0.250.202.007, 056, 088, 089, 092, 106	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
<b>0-130-31</b>	887MJ, GV887	0.250.202.064	CH117	HDS246		Y-177-1		CP 01
<b>0-130-36</b>	853MJ, GN853 GV728	0.250.202.121 0.250.312.001				CY-01, 51 Y-509J		PM165
<b>0-130-52</b>	657MJ, GV657	0.250.200.049, 053 0.250.201.012, 014, 034	CH62 CH70	HDS266 HDS267 HDS278	TIX6A, 7A UX7A	Y-909R		B 049
<b>0-130-57</b>	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
<b>0-130-63</b>	GN103	0.250.312.003				CY-03, 53 8ZNA		CP 50
<b>0-130-65</b>	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
<b>0-130-75</b>			CH144			Y-110, Y-114T		PM 79
<b>0-130-81</b>						Y-102, 106V, -1 Y-720U		PM 62
<b>0-130-85</b>	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
<b>0-130-92</b>	783MJ, GV783	0.250.202.040	CH178	HDS303		Y-729U		
<b>0-130-93</b>	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
<b>0-131-02</b>	220G, 219CG GD220	0.250.002.009	CH45	HDS317				
<b>0-131-04</b>	214, 348, 382GK GD214, 348, 368	0.250.001.001, 005, 010	CH28	HDS319				
<b>0-131-50</b>				1854106				
<b>0-131-53</b>				1854040				
<b>0-131-54</b>	154GS, 154GSF GF154	0.257.100.009	CH139	1854050	CTZ5U			
<b>0-131-55</b>				1854060				
<b>0-131-56</b>				1854080				
<b>0-131-57</b>		0.257.100.010	CH139	1854102	CTZ 6U			
<b>0-131-58</b>	166GS, GF166	0.257.100.006		1854103 1854030 1854112	CTZ 3U			
<b>0-132-17</b>	GN003	0.250.202.029, 039, 045	CH218	HDS377	UC17A	Y-745U		
<b>0-132-31</b>	GN026	0.250.202.128	CH232					
<b>0-132-32</b>	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
<b>0-132-39</b>	GE100	0.250.402.001	CH700	HDS413	UC01F	Y607AS	DG-177	
<b>0-132-40</b>	GE102	0.250.402.002	CH701		UC02F	Y547AS	DG-178	
<b>0-132-41</b>	GE101	0.250.403.002	CH702	HDS414	UC03F	YE14	DG190	
<b>0-132-42</b>	GE108		CH705			Y-609AS	DG-193	
<b>0-132-43</b>	GN047	0.250.204.001	CH200	HDS399	UY1A	YE-04	DG-113	
<b>0-132-44</b>	GN053	0.250.203.002	CH223		UY2A		DG-171	
<b>0-132-45</b>	GN045	0.250.203.004	CH240	HDS404	UY4A	YE-12	DG-140	
<b>0-132-46</b>	GN059	0.250.203.001	CH224	HDS409	UY3A		DG-195	

## Glow plug cross references

Part No	BERU	BOSCH	CHAMPION	LUCAS	MARELLI	NGK	NIPPON DENSO	HKT
<b>0-132-47</b>	GN005	0.250.202.089	CH242	NDS394		CZ-27, DP39 Y-701J	DG-114, 146 067100-1850	
<b>0-132-48</b>						CY-05, 55		CP-04, 05
<b>0-132-50</b>	GN108					DP65 Y-1012J		CP23
<b>0-132-51</b>	GN056	0.250.204.002	CH201	HDS416	UY5A	YE-05	DG-180	

## Glow plug specifications | Heater plug


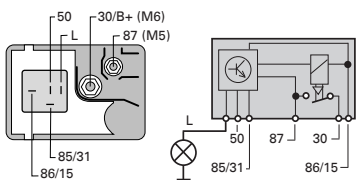

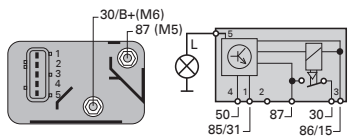
Part No	Nut	Thread	Pre-heat (s)	Volts	Body L	Element L
0-130-12	17 mm	M10 x 1.00	17	12	97	28
0-130-17	12 mm	M10 x 1.25	6	12	88	22
0-130-21	12 mm	M10 x 1.25	6	24	95	28
0-130-26	12 mm	M10 x 1.25	6	12	81.5	22.5
0-130-31	12 mm	M10 x 1.25	6	24	71.5	19
0-130-36	12 mm	M10 x 1.25	6	11	80	18.5
0-130-52	12 mm	M12 x 1.25	6	11	74	28
0-130-57	12 mm	M12 x 1.25	6	11	59.5	20
0-130-63	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
0-131-02	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
0-132-31	10 mm	M10 x 1.00	5	11	150	24
0-132-32	12 mm	M10 x 1.25	6	11	85	18
0-132-39	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
0-132-50	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 <sup>3</sup> /min	Volts	Termination	OEM
0-131-50	24 mm	7/8" X 14 UNF	7-10	12	3/8" blade	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" blade	Lucas
0-131-57	24 mm	7/8" X 14 UNF	3.5-5	11.5	3/8" blade	Lucas
0-131-58	24 mm	1/2" BSP	11-15	23	3/8" blade	Lucas


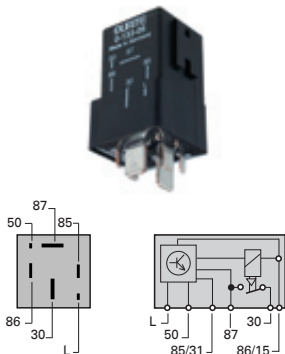


## Glow plug controllers


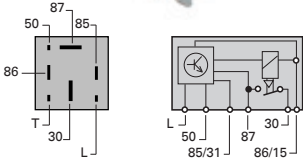

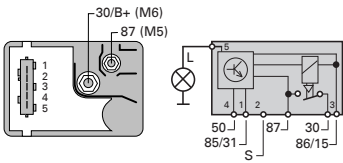
Product	Part No	Description	Quantity
 	<b>0-133-01</b> <b>12V</b>	Pre-heat time < 14 seconds. Bosch 0333402501 Cartier 02386 Citroen 598113, 9549299580, 95534787 Ferrari 311609 Hella 4RV008188081 Lucas HDC101 Magnet-Marelli REP1A Nagares TPD1212 Paris Rhone 102180M, 105857 Peugeot 598110, 598113, 7920076593, 9250883280, 9250888280 Rover PRC5020 Seim 0587900 Valeo 245600, 73100122, 73101002	1
	<b>0-133-02</b> <b>12V</b>	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
 	<b>0-133-29</b> <b>12V</b>	Pre-heat relay, time < 11 seconds with post heat. Replacing:-  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
	<b>0-133-30</b> <b>12V</b>	Pre-heat relay, with post heat. Replacing:-  GM 91167210, 9201699 Nagares BED712 Opel 4409990, 4506156 Renault 7700115078	1



## Glow plug controllers

Product	Part No	Description	Quantity
	<b>0-133-31</b> <b>12V</b>	Pre-heat relay, with post heat. Replacing:- GM 93862497 Nagares FGRP/8-12 Opel 4419200, 2523080A0A Renault 8200859243 Nissan 11067JD50C	<b>1</b>
	<b>0-133-32</b>	Pre-heat relay, with post heat. Replacing PSA 2.0HDi, Jaguar, Landrover 2.2 TD4, SD4 Huco 132120 Jaguar AV6112A343BA Land Rover AV6112A343BA Nagares PBC1/8-12 PSA 592144, 9663824880	<b>1</b>
	<b>0-133-33</b>	Pre-heat relay, with post heat. Replacing Ford 2.0 TDCi Ford 1693301, 9M5Q12A343AA Huco 132119 Nagares PBC1F/8-12	<b>1</b>
	<b>0-133-05</b> <b>12V</b>	Pre heat time < 12 seconds with post heat. Ford 1630363, 1630263, 6132248, 6171402, 84FB6M092BA, CA, CB, 84FB006M092BA, CA, CB Hella 4RV008188211	<b>1</b>
	<b>0-133-08</b> <b>12V</b>	Pre heat time < 8 seconds. Ford 6143688, 83BB6M092AA, A1A, 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	<b>1</b>
	<b>0-133-09</b> <b>12V</b>	Pre heat time < 6 seconds with post heat. Bosch 0281003098 Ford 1652479, 6194291, 6756611, 6756612, 89FB6M092AA, 90BB6M092AA, BA, BB, CA Lucas HDC111, DSC11	<b>1</b>

## Glow plug controllers

Product	Part No	Description	Quantity
 	<b>0-133-04</b> <b>12V</b>	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
	<b>0-133-14</b> <b>12V</b>	Pre heat time < 7 seconds with post heat. Audi/VW 191911261A, C, 443911261C, 867911261C  Beru 0201010031 Bosch 0281003099, 0333402512 Hella 4RV008188181	1
 	<b>0-133-19</b> <b>12V</b>	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
	<b>0-133-23</b> <b>12V</b>	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

## Glow plug controller applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
<b>ALFA ROMEO</b>					
AR 8 30	78 - 89	0-133-19	Jumpy, Kasten, 2.0HDI	10 >	0-133-32
AR 8 35	78 - 89	0-133-19	Saxo 1.5D	96 >	0-133-29
AR 8 35	87 - 89	0-133-01	Visa 1.7D (1.7)	83 - 86	0-133-02
AR 8 40	78 - 88	0-133-19	Visa 1.7D (1.8 161A)	84 - 91	0-133-01
AR 8 40	78 - 89	0-133-02	Xantia 1.9D (WY)	94 - 96	0-133-23
AR 8 40	87 - 89	0-133-01	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
<b>AUDI</b>			Xantia 1.9iD	93 - 96	0-133-01
80 1.6D	80 >	0-133-04	Xantia 2.1TD	95 >	0-133-19
80 1.6D	82 - 86	0-133-14	Xantia VSX 1.9 DHX/DJY	93 >	0-133-23
80 1.6TD	82 >	0-133-04	Xantia AX	93 >	0-133-23
80 1.6TD	91 >	0-133-14	Xantia SX 1.9 DHX/DJY	94 >	0-133-23
80 1.9D	89 >	0-133-04	Xantia X	93 >	0-133-23
90 1.6TD	84 - 91	0-133-04	Xantia X1, X2 1.9TD	94 - 03	0-133-29
100 2.0D	78 - 84	0-133-04	Xantia X1, X2 1.9SD	97 - 03	0-133-29
100 2.0TD	81 >	0-133-04	Xantia X2 2.0HDI 109	99 - 03	0-133-29
100 2.4D	89 >	0-133-04	XM 11TD (2.1 P8A)	92 - 94	0-133-01
100 2.5TDI	90 >	0-133-04	XM 2.1D/TD (P9A, PIZ, P8A, PHZ)	89 - 94	0-133-01
			XM 2.1D/TD (PJZ, P8A, P8B)	89 - 94	0-133-19
<b>BEDFORD</b>			XM 2.1TD (P8C)	94 >	0-133-23
Astra Van 1.6D	82 - 84	0-133-08	XM TD 2.1 SX D12	94 >	0-133-23
Astra 2 Van 1.6D	84 - 89	0-133-08	XM TD 2.1 VSX D12	94 >	0-133-23
Astramax 1.6D	85 - 89	0-133-08	XM 2.5TD (THY)	94 - 00	0-133-29
CF2/230 2.3D	84 - 87	0-133-08	Xsara 1.5D	97 >	0-133-23
CF2/250 2.3D	84 - 87	0-133-08	Xsara 1.8D	91 >	0-133-23
CF2/280 2.3D	84 - 87	0-133-08	Xsara 1.9D	97 >	0-133-23
CF2/350 2.3D	84 - 87	0-133-08	Xsara 1.9TD	97 >	0-133-19
			Xsara 1.9D, SD	98 - 05	0-133-29
<b>CITROEN</b>			Xsara 1.9SD (N1)	99 - 02	0-133-29
AX 14D	88 >	0-133-02	Xsara 1.9TD	98 >	0-133-29
AX 15D	94 >	0-133-23	Xsara 2.0HDI 90	99 - 05	0-133-29
Berlingo 1.9D	98 >	0-133-29	Xsara 2.0HDI 109	05 >	0-133-29
Berlingo 2.0HDI	99 >	0-133-29	Xsara Picasso 2.0HDI	99 >	0-133-29
BX17D	85 >	0-133-02	ZX 1.9D	91 - 94	0-133-01
BX17D (161A)	85 >	0-133-01	Zx 1.9D (D8B)	91 >	0-133-29
BX17TD (ABA, AJZ)	88 >	0-133-01	ZX 1.9TD	92 >	0-133-19
BX17TD	88 >	0-133-02	ZX 1.5D	96 >	0-133-23
BX17TD (AM)	88 >	0-133-19			
BX19D	89 >	0-133-01	<b>FIAT</b>		
BX19D (DM)	89 >	0-133-19	127D	81 - 86	0-133-02
BX19D (DJZ, D9B)	87 >	0-133-01	127D Panorama, ED	83 - 86	0-133-19
BX19D (162)	83 - 87	0-133-19	131 2.4	82 - 84	0-133-02
BX19D	88 >	0-133-02	131 2.5	83 - 84	0-133-01
C4 Picasso 2.0HDI	07 - 10	0-133-29	Argenta 2500D	83 - 85	0-133-01
C4 Picasso, Grand Picasso 2.0HDI	11 >	0-133-32	Argenta 2500TD (M8144A1)	83 - 85	0-133-01
C5 2.0HDI, 2.2HDI	01 - 09	0-133-29	Argenta 2500TD (8144.81)	83 - 85	0-133-19
C5, Break, 2.0HDI	09 >	0-133-32	Croma 2.5D/TD (8144.67, 8144.91.2200)	85 - 89	0-133-01
C8 2.0HDI	06 >	0-133-32	Croma 2.5	89 >	0-133-02
C15D	87 >	0-133-02	Ducato 10D	86 - 90	0-133-02
C15D 1.8 (161A)	87 >	0-133-02	Ducato 14D (8144.67.220)	86 - 90	0-133-01
C25 D (CDR93L)	81 >	0-133-01	Ducato 14D 4x4	89 - 94	0-133-02
C25 D (C9B)	87 >	0-133-19	Ducato 18 Maxi D	86 - 90	0-133-01
C25 D1.9	84 - 91	0-133-02	Ducato 18 Maxi TD	86 - 90	0-133-01
C25D 2.5	87 >	0-133-01	Ducato 2.0JTD	01 >	0-133-29
C25D 2.5 turbo	79	0-133-01	Fiorino 1.3D	82 - 98	0-133-01
C25D 2.5TD	87 >	0-133-01	Fiorino 1.3D	87 - 93	0-133-19
C32D	80 >	0-133-01	Fiorino 1.7D (149B 4.046)	88 - 91	0-133-01
C35D	80 >	0-133-01	Fiorino 1.7D (149B 3.000)	87 - 90	0-133-19
C45D	79 >	0-133-01	Panda 1.3D	86 - 89	0-133-02
C8 2.0HDI	02 - 06	0-133-29	Panda 1.3iD	86 - 89	0-133-19
C8 2.0HDI	06 >	0-133-32	Regata 1.7D	83 - 89	0-133-02
CX2500D	78 - 82	0-133-01	Regata 1.7D	83 - 89	0-133-19
CX25D	82 - 92	0-133-01	Regata 1.9D	84 - 89	0-133-02
CX 25 TD	87 - 92	0-133-01	Regata 1.9D	84 - 89	0-133-19
DS4 2.0HDI	11 >	0-133-32	Regata 1.9TD	86 - 89	0-133-02
DS5 2.0HDI	11 >	0-133-32	Regata 1.9TD	86 - 89	0-133-19
Evasion 1.9TD DSX	94 >	0-133-19	Ritmo 1.7D	82 - 87	0-133-02
Evasion 1.9TD (D8B, DHX)	94 - 02	0-133-29	Ritmo 1.7D	82 - 87	0-133-19
Evasion 2.0HDI	99 - 02	0-133-29	Scudo 1.9TD	96 >	0-133-29
Evasion 2.1TD DSX	96 >	0-133-19	Scudo 2.0JTD	95 >	0-133-29
Evasion Turbo DSX	94 >	0-133-19	Scudo 2.0D Multijet	06 >	0-133-29
Jumper 1.9TD	94 >	0-133-19	Tempra 1.9D	90 - 96	0-133-19
Jumper 2.2HDI	02 >	0-133-29	Tempra 1.9D S.W.	90 - 96	0-133-19
Jumper 2.5D	94 >	0-133-23	Tempra 1.9TD	90 - 96	0-133-19
Jumper 2.5TD	94 >	0-133-23	Tempra 1.9TD S.W.	90 - 96	0-133-19
Jumpy 1.9D	98 >	0-133-29	Tipo 1.7D	87 - 93	0-133-19
Jumpy 1.9TD	95 >	0-133-19	Tipo 1.9D	89 - 93	0-133-19
Jumpy 1.9TD (U6U)	95 >	0-133-29	Tipo 1.9TD	87 - 93	0-133-19
Jumpy 1.9TD (D8B)	96 >	0-133-29	Ulysse 1.9TD, 2.0JTD	95 >	0-133-29
Jumpy 2.0HDI	99 - 10	0-133-29			

## Glow plug controller applications

Model/Engine	Year	Part No	Model/Engine	Year	Part No
Ulysse 2.0D Multijet	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			
<b>FORD</b>			<b>PEUGEOT</b>		
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
Galaxy 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
<b>IVECO</b>			306 2.0HDI 90	99 - 04	0-133-29
Daily, Grinta 30-8 (8140.61.2)	78 - 89	0-133-02	307 2.0HDI	00 >	0-133-29
Daily, Grinta 30-8 (8140.61.200)	78 - 89	0-133-19	308 2.0HDI	07 >	0-133-29
Daily, Grinta 35-8	78 - 89	0-133-02	308 CC, SW, 2.0HDI	09 >	0-133-32
Daily, Grinta 40-8	83 - 89	0-133-02	3008 2.0HDI	09 >	0-133-32
			309 1.7D	86 - 93	0-133-02
<b>LANCIA</b>			309 1.7TD	89 - 93	0-133-19
Dedra 1.9 TD	95 >	0-133-22	309 1.9D	86 - 93	0-133-19
Delta	95 >	0-133-22	309 1.9D	86 - 93	0-133-02
Phedra 2.0JDT	02 >	0-133-29	405 1.8D	90 - 92	0-133-19
Zeta 2.0JDT, 2.0D Multijet	99 >	0-133-29	405 1.8TD	88 - 92	0-133-19
			405 1.8TD	90 - 92	0-133-02
<b>LAND ROVER</b>			405 1.9D	88 - 92	0-133-19
Freelander 2 2.2TD4	06 >	0-133-32	405 1.9D	94 - 97	0-133-23
Range Rover Evoque 2.2, TD4	11 >	0-133-32	405 1.9 TD	92 - 97	0-133-19
			406 1.9TD	95 >	0-133-19
<b>LEYLAND/LDV</b>			406 2.1TD	95 >	0-133-19
400 2.5D	89 - 96	0-133-02	406 1.9TD (8B, 8E/F)	95 - 04	0-133-29
400 2.5TD	89 - 96	0-133-02	406 2.0HDI (8B, 8E/F)	99 >	0-133-29
			406 2.0HDI 110	05 >	0-133-29
<b>NISSAN</b>			406 2.2HDI	00 - 04	0-133-29
Almera II 1.5dCi	03 >	0-133-30	407 2.0HDI	04 - 09	0-133-29
Almera II 2.2dCi	03 >	0-133-30	407, SW, Coupe, 2.0HDI	09 >	0-133-32
Patrol 2.8D [260]	84 - 89	0-133-19	504 1.9D	78 >	0-133-01
Primastar Bus dCi 2.0	06 >	0-133-31	504 1.9D Pick-up	79 - 81	0-133-01
Santana 1.6TD	84 - 87	0-133-04	504 1.9D Pick-up	79 - 87	0-133-02
Trade 2.8D	87 >	0-133-19	504 2.1D	78 - 91	0-133-01
Vanette 2.0D	84 - 89	0-133-02	504 2.1D	70 - 81	0-133-02
			504 2.1D Pick-up	81 - 90	0-133-19
<b>OPEL</b>			504 2.3D	78 - 81	0-133-01
Ascona 1.6D [C]	82 - 88	0-133-09	504 2.3D	76 - 83	0-133-19
Ascona C 1.6D	82 - 88	0-133-08	504 2.3D Pick-up	84 >	0-133-02
Astra 1.6D	82 - 89	0-133-09	504 2.5D Pick-up	87 >	0-133-02
Astra 1.7D	89 - 94	0-133-09	505 2.3D	79 - 86	0-133-01
Astra 1.7DTLF	94 - 98	0-133-01	505 2.3D	79 - 86	0-133-19
Astra A1.7D, Van D	91 - 94	0-133-08	505 2.3D	79 - 86	0-133-02
Kadett D 1.6D	82 - 89	0-133-09	505 2.3TD	80 - 86	0-133-19
Kadett 1.7D [E]	89 - 91	0-133-09	505 2.3TD	81 - 82	0-133-01
Kadett E Combo 1.6D	86 - 89	0-133-08	505 2.5D	81 - 93	0-133-19
Kadett E Combo 1.7D	89 - 91	0-133-08	505 2.5TD	83 - 93	0-133-19
Kadett E 1.6D Van	84 - 89	0-133-08	505 2.5TD	86 - 93	0-133-01
Kadett E 1.7D Van	89 - 91	0-133-08	508, SW, 2.0HDI, 2.2 HDi, RXH Hybrid	10 >	0-133-32
Movano Combi, Kasten 1.9DTI	01 >	0-133-30	5008 2.0HDI	09 >	0-133-32
Movano Combi, Kasten, Kipper 2.2DTI	00 >	0-133-30	604 2.3TD	79 - 83	0-133-19
Movano Combi, Kasten, Kipper 2.5DTI	01 >	0-133-30	604 2.3TD	79 - 84	0-133-01
Movano B Bus, Kasten, 2.3CDTI	10 >	0-133-31	604 2.5TD	83 - 86	0-133-19
Omega A 2.3D Estate	86 - 94	0-133-08	605 2.1D	89 - 94	0-133-19
Omega A 2.3TD Estate	86 - 94	0-133-08	605 2.1TD	89 - 98	0-133-19
Rekord 2.0D	77 - 82	0-133-09	605 2.1TD	92 >	0-133-02
Rekord 2.3D	78 - 86	0-133-09	605 2.1TD	94 >	0-133-23
			605 2.5TD	94 - 02	0-133-29

## Glow plug controller applications








Model/Engine	Year	Part No	Model/Engine	Year	Part No
607 2.0HDI, 2.2HDI	00 >	0-133-29	Malaga 1.7D	85 - 93	0-133-19
806 1.9TD	94 >	0-133-19	Malaga 1.7D	85 - 93	0-133-02
806 1.9TD	99 - 02	0-133-29	Ritmo 1.7D	80 - 82	0-133-19
806 2.0HDI	99 - 02	0-133-29	Ritmo 1.7D	80 - 82	0-133-02
806 2.1TD	96 >	0-133-19	Ronda 1.7D	82 - 86	0-133-19
807 2.0HDI, 2.2HDI	02 - 09	0-133-29	Ronda 1.7D	82 - 86	0-133-02
807, (E), 2.0HDI	09 >	0-133-32	Toledo 1.9D	91 >	0-133-04
Boxer 1.9TD	94 >	0-133-19			
Boxer 2.0HDI	02 >	0-133-29	<b>TALBOT</b>		
Boxer 2.5D	94 >	0-133-23	Express 1.9D	87 >	0-133-19
Boxer 2.5TD	94 >	0-133-23	Express 2.5D (GB)	81 >	0-133-19
Expert 1.9D	98 >	0-133-29	Express 2.5TD	87 >	0-133-01
Expert 1.9TD	95 >	0-133-19	Express 2.5TD (GB)	87 >	0-133-19
Expert 1.9TD (XUD9)	95 >	0-133-29	Horizon 1.9D	82 - 86	0-133-19
Expert 1.9TD (222, 224)	96 >	0-133-29	Solara 1.9D	84 - 86	0-133-19
Expert 2.0HDI	00 >	0-133-29	Tagora 2.3TD	80 - 83	0-133-19
Expert Tepee, Kasten, 2.0HDI	09 >	0-133-32			
J5 1.9D	87 - 93	0-133-01	<b>VAUXHALL</b>		
J5 2.5D	81 >	0-133-01	Astra 1.6D	82 - 84	0-133-08
J5 2.5TD	87 - 93	0-133-02	Astra 2 1.6D	84 - 89	0-133-08
J5 2.5TD	87 - 93	0-133-19	Astra 2 1.7D, Van	91 - 94	0-133-08
J7 2.0D	67 - 78	0-133-01	Astra Belmont 1.7D	89 - 91	0-133-08
J7 2.1D	70 - 78	0-133-01	Astramax 1.7D	90 - 94	0-133-08
J7 2.3D	78 - 80	0-133-01	Belmont 1.6D	86 - 89	0-133-08
J7 2.3D	78 - 80	0-133-19	Carlton 2 2.3D	83 - 86	0-133-08
J7 2.3D	79 >	0-133-01	Carlton 3 2.3TD	91 - 94	0-133-08
J9 2.1	82 >	0-133-01	Cavalier 2 1.6D	82 - 88	0-133-08
J9 2.1D	80 >	0-133-19	Cavalier 3 1.7D	88 - 95	0-133-08
J9 2.3	80 - 82	0-133-01	Frontera 2.3TD	92 - 95	0-133-08
J9 2.3D	80 - 82	0-133-01	Frontera 2.3TD	92 - 95	0-133-09
J9 2.5	82 >	0-133-01	Vivaro 2.0CDT	06 >	0-133-31
J9 2.5D	82 >	0-133-01	Vivaro Combi 2.0CDTI	06 >	0-133-31
Partner 1.9D	96 >	0-133-23			
Partner 1.9D	98 >	0-133-29	<b>VOLKSWAGEN</b>		
Partner 2.0HDI	00 >	0-133-29	Caddy 1.6	87 >	0-133-04
RCZ 2.0HDI	10 >	0-133-32	Caddy 1.6D	82 - 90	0-133-14
			California 1.9	90 >	0-133-04
<b>RENAULT</b>			California 1.9D (70)	90 - 97	0-133-14
Clio II 1.5dCi	01 >	0-133-30	California 2.4	90 >	0-133-04
Clio II 1.9D (B/C0E)	98 >	0-133-30	California 2.4D (70)	90 >	0-133-14
Espace IV 2.0dCi	06 >	0-133-31	Caravelle 1.6	82 - 87	0-133-04
Kangoo 1.5dCi	01 >	0-133-30	Caravelle 1.6TD	85 >	0-133-04
Kangoo, Express 1.9dCi 4x4	01 >	0-133-30	Caravelle 1.6TD SyncroD (70)	85 >	0-133-04
Kangoo, Express D65 1.9	98 >	0-133-30	Caravelle 1.7	87 >	0-133-04
Laguna III 2.0dCi	07 >	0-133-31	Caravelle 2.4D Syncro (70)	92 >	0-133-14
Master T30D 2.1	86 >	0-133-03	Eurovan 2.4D (70)	92 >	0-133-14
Master II Bus, Kasten 2.5dCi 100	03 >	0-133-30	Golf 1.5D	77 - 80	0-133-04
Master II Bus, Kasten 2.5dCi 120	01 >	0-133-30	Golf 1.6D	82 - 91	0-133-04
Master IV Kasten 2.3dCi	10 >	0-133-31	Golf 1.6TD	82 - 91	0-133-04
Megane 1.9dCi	01 >	0-133-30	Golf II 1.5D	77 - 80	0-133-14
Megane III 1.5dCi	08 >	0-133-31	Golf II 1.6D	80 - 91	0-133-14
Megane III 1.9dCi	08 >	0-133-31	Golf II 1.6TD	88 - 91	0-133-14
Megane III 2.0dCi	10 >	0-133-31	Golf II 1.9D	91 >	0-133-14
Senic 1.9dCi	00 >	0-133-30	Golf II 1.9TD	93 >	0-133-14
Senic III 1.9dCi	09 >	0-133-31	Jetta 1.6	82 - 91	0-133-04
Senic III 2.0dCi	09 >	0-133-31	Jetta 1.6D	80 - 91	0-133-14
Thalia 1.5dCi	01 >	0-133-30	Jetta 1.6D	84 - 91	0-133-04
Trafic	84 >	0-133-15	Jetta II 1.6TD	84 - 92	0-133-14
Trafic 852	84 >	0-133-15	Jetta II 1.6TD	84 - 91	0-133-04
Trafic 2.5D	89 - 97	0-133-19	LT 28D	82 - 92	0-133-14
Trafic 2.5D	89 - 97	0-133-02	LT 28D	82 - 92	0-133-04
Trafic S8U		0-133-15	LT 28TD	82 - 92	0-133-14
Trafic II Bus, Kasten 1.9dCi	01 >	0-133-30	LT 28 2.4 12 VTD	80 >	0-133-04
Trafic II Bus, Kasten 2.5dCi	03 >	0-133-30	LT 31D	82 - 92	0-133-14
Trafic II Bus, Kasten 2.0dCi	06 >	0-133-31	LT 31TD	82 - 92	0-133-14
			LT 31 2.4 12 VTD	80 >	0-133-04
<b>ROVER</b>			LT 35D	82 - 92	0-133-14
200 218TD	91 >	0-133-19	LT 35TD	82 - 92	0-133-14
400 418TD	91 >	0-133-02	LT 35 2.4 12 VTD	80 >	0-133-04
400 418TD	91 >	0-133-19	LT 40D	82 - 92	0-133-14
2400TD	82 - 86	0-133-02	LT 40D	82 - 92	0-133-04
Range Rover 2.4 TD	86 - 90	0-133-02	LT 40TD	82 - 92	0-133-14
			LT 40TD	82 - 92	0-133-04
<b>SEAT</b>			LT 40 2.4 12 VTD	80 >	0-133-04
131 2.4	82 - 84	0-133-02	LT 45D	82 - 92	0-133-14
132 D	74 - 82	0-133-02	LT 45D	82 - 92	0-133-04
132 D	74 - 82	0-133-19	LT 45TD	82 - 92	0-133-14
Cordoba 1.9D	93 >	0-133-04	LT 45TD	82 - 92	0-133-04
Ibiza 1.7D	84 - 87	0-133-02	LT 45 2.4 12 VTD	80 >	0-133-04
Ibiza 1.7D (Y...)	84 - 93	0-133-02	LT 50D	82 - 92	0-133-14
Ibiza 1.7D (Y...)	84 - 93	0-133-19	LT 50TD	82 - 92	0-133-14

## Glow plug controller applications

Model/Engine	Year	Part No
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
Multivan 1.9D	90 - 97	0-133-14
Multivan 1.9D (701)	90 - 97	0-133-04
Multivan 2.4D	90 >	0-133-14
Multivan 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
Polo 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



## Diesel stop solenoids | Advance solenoids

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



## Fuel pump relays

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

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## 10

BATTERY CHARGERS  
& MAINTENANCE

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## Battery chargers

Product	Part No	Description	Quantity
	<b>NEW</b> 0-649-20	12V Jump Starter with Lithium-Ion battery. <ul style="list-style-type: none"> <li>Capacity: 12,000Ah / 44.4Wh.</li> <li>Start current: 200A, Peak current: 400A.</li> <li>Cycle life: 1,000 times.</li> <li>Will retain full charge for up to 6 months.</li> <li>Powerful LED light.</li> <li>Comes with emergency hammer for breaking glass.</li> </ul>	1
	<b>NEW</b> 0-649-25	12V Jump Starter with Lithium-Ion battery. <ul style="list-style-type: none"> <li>Capacity: 13,600Ah / 50.32Wh.</li> <li>Start current: 250A, Peak current: 500A.</li> <li>Cycle life: 1,000 times.</li> <li>Will retain full charge for up to 6 months</li> <li>Two 5V x 2.1A USB ports.</li> <li>Comes with smart cable for reverse polarity protection, short circuit protection and overheat protection</li> </ul>	1
	0-647-01 0-647-02 0-647-03 0-647-04	Automatic automotive battery charger for all 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 clip and leads. Input 100-240vac, 50-60Hz. 12 volt 1.0 amp. 12 volt 2.7 amp. 6/12 volt 2.7 amp. 24 volt 1.5 amp.	1 1 1 1
	0-647-96 0-647-97 0-647-98 0-647-99	1.75m hard wire lead kit with 6mm ring terminals. 1.75m lead kit with cigarette lighter/DIN plug. 1.75m hard wire lead kit with 8mm ring terminals. 1.75m spare lead kit with crocodile clips.	1 1 1 1
	0-647-06 0-647-10 0-647-55 0-647-20 0-647-60	Automatic automotive battery charger for all 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 12 volt 10 amp 24 volt 5 amp 12 volt 20 amp, input 100 - 240 vac 50 - 60Hz 24 volt 10 amp, input 100 - 240 vac 50 - 60Hz	1 1 1 1 1
	0-647-14	12 volt 2-15 amp, automatic automotive battery charger for all 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 0-648-31	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 clip and leads. 110vac input version of above.	1 1

## Battery chargers | Battery fillers






Product	Part No	Description	Quantity
	<b>0-648-60</b>	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 clip and leads.	<b>1</b>
	<b>0-648-80</b>	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 clip and leads.	<b>1</b>
	<b>NEW 0-647-16</b>	Automatic battery charger/maintainer for all types of lead acid batteries including wet, MF, AGM and most gel types. 6/12V 4A output. <ul style="list-style-type: none"> <li>Features 9 stage charging and micro processor control allowing the unit to be left permanently connected without harming the battery.</li> <li>Supplied with 3 DC leads; ring terminals, crocodile clips, and a cigarette plug.</li> </ul>	<b>1</b>
	<b>NEW 0-648-35</b>	12/24V Heavy duty bench start assist/charger. 30A charger, 75A jump starter. Suitable for all types of lead acid batteries. Features 9 stage charging and processor control. Powder coated steel housing. Supplied with crocodile clips and leads	<b>1</b>
	<b>NEW 0-648-16</b>	3 Stage automatic 12V battery charger, 2/6/12A output. Includes LED display, fault code reading, over charge protection, fault protection and digital diagnostics. Micro control allows the unit to be left permanently connected without harming the battery. Supplied with crocodile clips and leads.	<b>1</b>
	<b>0-149-00</b>	Battery filler, 140 ml capacity bulb, on a 305 mm long PVC tube.  Ministry Ref. 6140.99.805.4417.	<b>1</b>
	<b>0-149-50</b>	Automatic battery filler. Dispenses distilled water and automatically stops when the correct level of electrolyte is reached in each battery cell. 1 litre capacity.	<b>1</b>

## Battery pumps | Battery sundries






Product	Part No	Description	Quantity
	<b>0-146-20</b>	Acfil 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
	<b>0-146-14</b>	'Stratgrip' control	1
	<b>0-146-09</b>	Pipe, delivery long	1
	<b>0-146-25</b>	Centre piece	1
	<b>0-146-07</b>	Bulb and bellows	1
	<b>0-146-21</b>	'Ebonite' tightening nut	1
	<b>0-146-22</b>	Collar	1
	<b>0-146-45</b>	Expander, 50 - 57mm	1
	<b>0-146-46</b>	Expander, 54 - 61mm	1
	<b>0-146-41</b>	Expander, 63 - 70mm	1
	<b>0-146-47</b>	Expander, 76 - 82mm	1
	<b>0-146-81</b>	Locknut, lower	1
	<b>0-146-03</b>	Pipe, short	1
	<b>0-515-00</b>	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
	<b>0-107-00</b>	Hollow post drill for removing bars leaving a 13mm location post. Outer diameter 19mm.	1
	<b>0-136-00</b>	Battery post moulds, negative and positive, manufactured from mild steel hexagon bar. The centre probe provides the screw hole for flower pot moulded lead terminal.	1 pr
	<b>0-087-50</b>	Battery box, moulded in grey plastic, to accommodate most sizes of batteries. I 380 x w 180 x h 270mm internal.	1
	<b>0-087-75</b>	Battery hold down clamp, punched angle bracket 380mm and two threaded J bolts 300mm with wing nuts. Tin plated. Adjusts to fit all popular sizes of battery.	1
	<b>0-314-00</b>	Wire brush with hardwood handle and 3 rows of 35mm long steel bristles.	1
	<b>0-314-50</b>	Brush for cleaning standard battery posts and terminals.	1





## Battery sundries | Digital battery testers

Product	Part No	Description	Quantity
	<b>0-316-01</b>	Chlorinated rubber paint, full gloss black. To protect metal-work against battery acid. 0.5 litre.	<b>1</b>
	<b>0-316-05</b>	5 litre.	<b>1</b>
	<b>0-144-00</b>	Acid resistant insertion rubber apron, 880 x 1070 mm.	<b>1</b>
	<b>0-524-70</b>	Digital battery tester with start/charge analyser 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.  Suitable for CCA capacity: SAE 200 to 1200 DIN 110 to 670 IEC 130 to 790 EN 185 to 1125 CA 240 to 1440	<b>1</b>
	<b>0-524-71</b>	Digital battery tester for 6 and 12 volt lead acid starter batteries with 12 and 24 volt start/charge analyser. 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.  Suitable for CCA capacity: SAE 40 to 2000 DIN 25 to 1300 IEC 30 to 1500 EN 40 to 2100	<b>1</b>
	<b>0-524-72</b>	Digital battery tester for 6 and 12 volt lead acid starter batteries with 12 and 24 volt start/charge analyser. 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.  Suitable for CCA capacity: SAE 40 to 2000 DIN 25 to 1300 IEC 30 to 1500 EN 40 to 2100	<b>1</b>
	<b>0-524-99</b>	Spare 7.5m rolls of 37mm thermal paper for the above.	<b>2</b>

## 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	'Nolten' 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	'Nolten' 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	'Nolten' 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



## Battery testers | Battery hydrometers

Product	Part No	Description	Quantity
	<b>0-524-00</b>	Discharge tester for 12 volt lead-acid automotive batteries. Selectable load setg 125 or 250 amps, and an automatic 10 second test period indicator.	<b>1</b>
	<b>0-040-00</b>	<p>'Gravity ball' 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.</p> <p>No balls floating..SG less than 1.175                      Flat  1 ball floating.....SG between 1.200 - 1.225    1/4 charged  2 balls floating....SG between 1.225 - 1.250    1/2 charged  3 balls floating....SG between 1.250 - 1.280    3/4 charged  4 balls floating....SG higher than 1.280        4/4 charged</p> <p>Specific gravity range.....1.175 - 1.280° SG at 15°C</p>	<b>1</b>
	<b>0-059-00</b>	<p>'Popular', designed for the smaller automotive lead acid battery, functioning with less than 10cc of electrolyte. Ministry ref. 6630.99.957.5058</p> <p>Specific gravity range . . . . . 1.150 - 1.350°  Accuracy tolerance . . . . . ± 0.010° SG</p>	<b>1</b>
	<b>0-059-02</b>	Bulb for the above.	<b>1</b>
	<b>0-059-06</b>	Float for the above.	<b>1</b>
	<b>0-059-10</b>	Jacket for the above.	<b>1</b>
	<b>0-059-19</b>	Spout for the above.	<b>1</b>
	<b>0-070-00</b>	<p>'Durite', designed for medium automotive lead acid batteries.</p> <p>Specific gravity range . . . . . 1.150 - 1.400°  Accuracy tolerance . . . . . ± 0.010° SG</p>	<b>1</b>
	<b>0-070-02</b>	Bulb for the above.	<b>1</b>
	<b>0-070-06</b>	Float for the above.	<b>1</b>
	<b>0-070-10</b>	Jacket for the above.	<b>1</b>
	<b>0-070-19</b>	Spout for the above.	<b>1</b>

## Battery hydrometers

Product	Part No	Description	Quantity
	<b>0-060-00</b>	'Heavy duty', designed for large automotive lead acid batteries.  Specific gravity range . . . . . 1.100 - 1.400° Accuracy tolerance . . . . . $\pm 0.010^\circ$ SG	<b>1</b>
	<b>0-060-02</b>	Bulb for the above.	<b>1</b>
	<b>0-060-06</b>	Float for the above.	<b>1</b>
	<b>0-060-10</b>	Jacket for the above.	<b>1</b>
	<b>0-060-19</b>	Spout for the above.	<b>1</b>
	<b>0-472-50</b>	'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 range . . . . . 1.150 - 1.400° Accuracy tolerance . . . . . $\pm 0.010^\circ$ SG Ethylene/Propylene Glycol . . . . . 12 - 66% Thermometer range . . . . . 0 - 50°C	<b>1</b>
	<b>0-472-00</b>	'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 tolerance . . . . . $\pm 0.002^\circ$ SG Thermometer range . . . . . 0 - 50°C	<b>1</b>
	<b>0-472-02</b>	Bulb for the above.	<b>1</b>
	<b>0-472-06</b>	Float for the above.	<b>1</b>
	<b>0-472-10</b>	Jacket for the above.	<b>1</b>
	<b>0-472-19</b>	Spout for the above including thermometer.	<b>1</b>
	<b>0-363-00</b>	'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 range . . . . . 1.150 - 1.400° Accuracy tolerance . . . . . $\pm 0.010^\circ$ SG Thermometer range . . . . . 0 - 50°C	<b>1</b>
	<b>0-363-02</b>	Bulb for the above.	<b>1</b>
	<b>0-363-06</b>	Float for the above.	<b>1</b>
	<b>0-363-10</b>	Jacket for the above.	<b>1</b>
	<b>0-363-19</b>	Spout for the above including thermometer.	<b>1</b>

## Battery carriers

Product	Part No	Description	Quantity
	0-226-02	Cantilever battery carrier. The heavier the battery, the harder it grips. Designed for lifg batteries from confined battery es. Constructed from plated steel with PVC handle.	1
	0-226-00	Two arm battery carrier. Acid-resisting Balata belg, 25mm wide, with quick-fix grips to fit terminal posts, and hooks for flat battery posts.	1

# 11

## WORKSHOP & TEST EQUIPMENT



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# Test equipment

Product	Part No	Description	Quantity
	<b>0-798-00</b>	Hand-held digital multimeter with large LCD display for basic functions. Powered by 9 volt battery. CE approved.  DC volts ..... 0 - 500V AC volts ..... 200V/500V DC amps ..... 2mA - 10A Resistance Ω ..... 200Ω - 20MΩ Temperature °C ..... -40 to 1000 Diode test ..... Yes Conuity buzzer ..... Yes Low battery sign ..... Yes Display ..... 3½ digit <1999 Ranging ..... Manual LCD size mm ..... 15 x 48 Dimensions mm ..... 133 x 77 x 36	1
	<b>0-798-96</b>	Replacement lead set for the above.	1
	<b>0-798-97</b>	Replacement temperature probe for the above.	1
	<b>0-798-50</b>	Hand-held auto ranging digital multimeter with data hold feature. Powered by 9 volt battery. CE approved.  DC volts ..... 400mV - 1000V AC volts ..... 4V - 750V DC amps ..... 400µA - 10A AC amps ..... 400µA - 10A Resistance Ω ..... 400Ω - 40MΩ Capacitance ..... 400nF - 100µF Frequency ..... 10Hz - 10MHz Diode test ..... Yes Conuity buzzer ..... Yes Temperature °C ..... -40 to 1000 Low battery sign ..... Yes Display ..... <3999 Auto 'OFF' ..... 30 Minutes Ranging ..... Auto LCD size mm ..... 32 x 64 Dimensions mm ..... 177 x 85 x 40	1
	<b>0-798-96</b>	Replacement lead set for the above.	1
	<b>0-798-97</b>	Replacement temperature probe for the above.	1
	<b>0-798-60</b>	Hand-held automotive digital multimeter. Powered by 9 volt battery. CE approved.  Dwell ..... 0 - 120° Cylinders ..... 4, 6, 8 Tachometer rpm ..... 0 - 10,000 DC volts ..... 200mV - 1000V AC volts ..... 2V - 750V DC amps ..... 200mA - 10A Resistance Ω ..... 200Ω - 20MΩ Diode test ..... Yes Conuity buzzer ..... Yes Low battery sign ..... Yes Display ..... 3½ digit <1999 Ranging ..... Manual LCD size mm ..... 54 x 60 Dimensions mm ..... 179 x 88 x 39	1
	<b>0-798-96</b>	Replacement lead set for the above.	1
	<b>0-798-75</b>	Hand-held digital p multimeter with lead set and LCD display. Powered by 9 volt battery. CE approved.  DC volts ..... 600V AC volts ..... 600V DC amps ..... 400A AC amps ..... 400A Resistance Ω ..... 40MΩ Diode test ..... Yes Conuity buzzer ..... Yes Frequency ..... 10Hz - 10MHz Auto 'OFF' ..... Yes Low battery sign ..... Yes Display ..... 3½ digit <3999 Ranging ..... Auto/Manual Data hold ..... Yes Dimensions mm ..... 210 x 77 x 28	1
	<b>0-798-96</b>	Replacement lead set for the above.	1

## Test equipment

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 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
	0-534-26	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. ac mains or high voltages will destroy this tester.	1
	0-534-70	<p>'Energy probe' for 6-24 volt dc systems. Multi-functional auto-electrician's circuit testing tool with LCD display.</p> <ul style="list-style-type: none"> <li>• Energises or powers components</li> <li>• Voltmeter</li> <li>• Tests DC polarity</li> <li>• Tests circuit continuity</li> <li>• Selects positive or negative power output</li> <li>• LCD display and continuity LED indicator</li> <li>• Indicates HT pulses, peak voltage</li> <li>• RPM calculation</li> <li>• Short circuit protection, auto reset</li> </ul>	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
	0-534-80	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 electrics 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
	0-534-28	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
	0-534-29	Fuse tester puller. Tests different size fuses. LED light helps identify working fuses. Tweezer end helps pull out faulty fuse.	10
			10

# Test equipment

Product	Part No	Description	Quantity
	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
	<b>NEW</b> 0-798-80	Pen type Multimeter. Uses a large scale of intergrated circuit with professional multimeter IC at its core and has full range overload protection.	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
	0-535-05	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
	0-544-01	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
	<b>NEW</b> 0-535-20	Automotive Noise Finder. <ul style="list-style-type: none"> <li>Quickly detects noise emanating from, for example; bearing, gear, valve body, crankshaft, cylinder, gearbox, car body etc after starting the engine.</li> <li>Features include sound amplification with volume control and battery voltage indication.</li> <li>1 x 9V battery required.</li> </ul>	1
	<b>NEW</b> 0-534-40	Circuit Tracer Detector. <ul style="list-style-type: none"> <li>Finds open circuits fast and easily.</li> <li>Designed so there is no need to open cables therefore preventing damage to the circuit.</li> <li>Sender and Reciever included.</li> <li>Suitable for all DC circuits up to 42V and features battery voltage indication. 2 x 9V batteries required.</li> </ul>	1
	0-370-00	Commutator brush seating stone, l 75 x w 16 x h 10mm.	1

## Workshop power and lighting

Product	Part No	Description	Quantity
	<b>0-684-01</b>	White moulded nylon.	<b>20</b>
	<b>5-684-01</b>	Single unit, as above.	<b>1</b>
	<b>0-698-01</b>	White moulded rubber.	<b>10</b>
	<b>5-698-01</b>	Single unit, as above.	<b>1</b>
	<b>0-698-18</b>	Black moulded rubber.	<b>10</b>
	<b>5-698-18</b>	Single unit, as above.	<b>1</b>
	<b>0-722-00</b>	Fully shuttered 13 amp single gang trailing socket outlet to BS 1363/A.	<b>1</b>
	<b>0-700-00</b>	2 gang version of the above.	<b>1</b>
		See 4.33 for fuses for all of the above plug tops.	
	<b>0-684-19</b>	16 amp plugs and sockets, to BS4343. For outdoor use. 230 volt blue trailing socket.	<b>1</b>
	<b>0-698-19</b>	110 volt yellow trailing socket.	<b>1</b>
	<b>0-684-16</b>	230 volt blue plug.	<b>1</b>
	<b>0-698-16</b>	110 volt yellow plug.	<b>1</b>
	<b>0-684-69</b>	230 volt blue surface mounted socket.	<b>1</b>
	<b>0-698-69</b>	110 volt yellow surface mounted socket.	<b>1</b>
	<b>0-684-66</b>	230 volt blue surface mounted plug.	<b>1</b>
	<b>0-541-76</b>	Inspection lamp, plastic handle with on / off switch and plated steel guard and reflector. ES bulb and cable not supplied.	<b>1</b>

# Workshop power and lighting

Product	Part No	Description	Quantity
	LED 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
	LED 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. l 146 x Ø16mm.	1
	LED 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
	LED 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
	LED 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
	LED IP65 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
	LED 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
	LED 0-699-80	Compact LED cordless rechargeable inspection lamp. With 15 LEDs and 650mA Lithium Ion battery. Hinged base with magnet. Supplied with 230 volt 50 Hz mains charger.	1
	0-699-97	12 volt charger, cigarette lighter plug.	1
	LED 0-699-78	LED cordless rechargeable inspection lamp. With 48 LEDs and 2000mA Lithium Ion battery. Fitted with swivel hook and magnet. Supplied with 230 volt 50 Hz mains charger and charging stand.	1
	0-699-98	12 volt charger, cigarette lighter plug.	1
	LED 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

## Workshop power and lighting

Product	Part No	Description	Quantity
 <div> <div>NEW</div> <div>LED</div> <div>410 Lm</div> </div>	0-699-86	15W Super Bright rechargeable LED COB inspection lamp. <ul style="list-style-type: none"> <li>• 410 Lumens.</li> <li>• Comes with variable brightness adjustment Switch.</li> <li>• Powerful magnetic base and 360 degree rotation.</li> <li>• Comes with swivel hanging hook and a built-in 2200mAh Lithium Ion rechargeable battery.</li> <li>• With 5V 1A, USB cable and UK plug adaptor.</li> </ul>	1
	0-718-08	Retractable cable reel fitted with 7 + 1 metres of 2 core 1mm <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> , 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 <sup>2</sup> , 15 amp, 3 core cable, 16 amp 230 volt mains plug and two 16 amp 230 volt socket outlets to BS5733.	1
	0-649-10 0-649-55	Bench power supply units, designed to produce a stable voltage supply for work shop bench testing. Input 100-240vac, 50 - 60Hz. 12 volt 10 amp 24 volt 5 amp	1 1



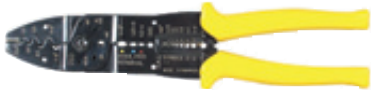








## Workshop power and lighting


Product	Part No	Description	Quantity
	<b>NEW</b> 0-649-07	Power pack converter. <ul style="list-style-type: none"> <li>• 230V to 12V DC.</li> <li>• 12V 7Amps, 84W</li> <li>• Supplied with 12V DC cigarette plug socket and UK AC plug cord</li> <li>• Over Voltage/Current/Temperature Protection.</li> </ul>	1
	0-541-00	Gripper with rigid wire guard and eye shield. Adjustable jaws. Conforms to BS4533 safety standard. Double insulated. BC bulb and cable not supplied.	1
	0-541-12	Bulb holder BC.	1
	0-541-13	Bulb holder ES.	1
	<b>NEW</b> 0-541-20	12/24V 5 x 3W LED work light, comes with handle stand, 3 metres of cable and cigarette plug. Protected to IP67. 900 Lumens. CE approved. Lamp: l109 x w41 x h109mm Stand: l200 x w170 x h270mm	1
	LED		
	900 Lm		
	IP67		
	<b>NEW</b> 0-541-25	12/24V twin 5 x 3W LED work light. Comes with tripod stand, 4 metres of cable and cigarette plug. Twin mount can be removed from tripod to allow floor standing of lamps. Protected to IP67. 900 Lumens x 2. CE approved. Lamp: l109 x w41 x h109mm Stand: l770 x w670 x h1770mm	1
	LED		
	2x900 Lm		
	IP67		
	<b>NEW</b> 0-674-00	12V Portable twin Piston Air Compressor. <ul style="list-style-type: none"> <li>• 150 PSI max inflation</li> <li>• Product size: 20 x 24.5 x 9.5cm</li> <li>• Max voltage: 13.8V. Max Amperage: 23A</li> <li>• Output volume: 65L/pm, Inflates ordinary car tyre in 3 minutes (&gt;30 PSI). Max duty cycle: 40 minutes.</li> </ul> Includes; <ul style="list-style-type: none"> <li>• 2.5m battery cord with clamp</li> <li>• 2 nozzle adapters and 1 sports needle.</li> <li>• Comes with robust carry case.</li> <li>• 5m PU retractable cable and 25cm rubber hose with pressure gauge</li> </ul>	1








## Workshop tools

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


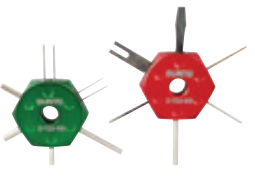
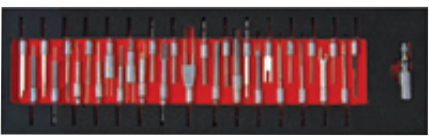





## Workshop tools

Product	Part No	Description	Quantity
	0-704-20	Wire side cutters for automotive cables up to 10mm². 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 16mm². 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 70mm². For soft copper cable only.	1
	0-704-55	Cable cutter for automotive cables up to 100mm². For soft copper cable only.	1
	0-703-80	Large crimping tool for un-insulated and tube terminals. Adjustable crimp for 10mm² to 120mm² 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 95mm² 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 95mm².	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 4mm². Incorporates cable cutter and crimper.	1
	0-704-05	Stripping tool for 6 cable sizes up to 5mm². Incorporates cable cutter.	1

## Workshop tools

Product	Part No	Description	Quantity
	0-706-30	<p>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</p> <p>Insulated to 1000V VDE.</p>	1
	0-706-10	<p>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</p> <p>Insulated to 1000V VDE.</p>	1
	0-706-50	<p>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</p> <p>Insulated to 1000V VDE.</p>	1
	0-706-20	<p>3-piece VDE insulated plier set. Contains;  180mm Combination pliers.  160mm Diagonal Cutting Pliers  200mm Long Nose pliers</p> <p>Insulated to 1000V VDE.</p>	1
	0-706-40	<p>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</p> <p>Insulated to 1000V VDE.</p>	1

## Workshop tools

Product	Part No	Description	Quantity
	0-704-10	Stripping tool for 6 cable sizes up to 6mm². Automatic stripping action and length gauge facility to ensure stripped ends are uniform.	1
	0-703-99	Terminal connector de-mounting tools.	1
	0-706-99	Terminal connector de-mounting 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
	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 90 degree hook 1 x 3.5 * 93mm long round angle hook	1
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.			
	0-448-25	230 volt, 25 watt, temp 400°C, with 3 LED illumination lamps. 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 lamps. 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 lamps. 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






## Workshop tools

Product	Part No	Description	Quantity
	0-449-75	230 volt, 175 watt, temp 482°C. CE approved.	1
	0-449-76	Replacement copper tip for the above.	1
	0-450-99	Butane lighter/blow torch. For low temperature soldering on 0-001-90 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
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.			
	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

## Workshop tools



Product	Part No	Description	Quantity
	<b>0-450-80</b>	Heavy duty self-igniting butane 'Pyropen' soldering iron. Temperature controlled by adjusg 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.	<b>1</b>
	<b>0-450-81</b>	Replacement copper chisel tip for above.	<b>1</b>
	<b>0-455-58</b>	Wood resin cored solder, ISO 12224-1 and ISO 9453, 60% , 40% lead. 18 SWG (1.25mm), 0.5kg.	<b>1</b>
	<b>0-455-18</b>	Wood resin cored solder, ISO 12224-1 and ISO 9453, 40%, 60% lead. 18 SWG (1.25mm), 0.5kg.	<b>1</b>
	<b>0-455-00</b>	13 SWG (2.50mm), 0.5kg.	<b>1</b>
	<b>0-460-00</b>	13 SWG (2.50mm), 2.5kg.	<b>1</b>
	<b>0-470-00</b>	18 SWG (1.25mm), 1.8m.	<b>1</b>
	<b>0-455-63</b>	Wood resin cored lead-free solder, ISO 12224-1 and ISO 9453. 13 SWG (2.50mm), 97% 3% copper, 0.5kg.	<b>1</b>
	<b>0-455-68</b>	18 SWG (1.25mm), 97% 3% copper, 0.5kg.	<b>1</b>
	<b>0-470-68</b>	Wood resin cored lead-free solder, ISO 12224-1 and ISO 9453. 18 SWG (1.25mm), 96.5% 3.0% silver 0.5% copper, 0.5kg.	<b>1</b>
	<b>0-469-00</b>	Blowpipe solder BS219, grade D, 30% , 70% lead. Approximately 560mm long sticks.	<b>10</b>
	<b>0-468-00</b>	Tinmans solder BS219, grade D, 30% , 70% lead. Approximately 350mm long sticks.	<b>5</b>
	<b>0-613-00</b>	"Fluxite" soldering paste. Contains zinc and ammonium chlorides in petroleum grease. 100g .	<b>1</b>

## Workshop tools | Hydrometers

Product	Part No	Description	Quantity
	0-620-00	"Baker's' No 3" soldering fluid. Contains zinc and ammonium chlorides in a water base. 125ml bottle.	1
	0-664-25	As above but 250ml.	1
	0-620-01	"Aluflux" aluminium soldering flux. Contains ethanolamines, ammonium fluoborate and zinc oxide. 150gms. For use with aluminium solder.	1
	0-440-00	<p>'Gravity ball' for mixtures of Ethylene Glycol only, functioning with less than 5cc of coolant. Gives a simple and quick check of anti-freeze content and protection.</p> <p>No balls floating...less than &gt; 15% AF Unprotected            1 ball floating....between 15 - 20% AF Protected to -7°C            2 balls floating...between 20 - 30% AF Protected to -10°C            3 balls floating...between 30 - 40% AF Protected to -15°C            4 balls floating...between 40 - 50% AF Protected to -25°C            5 balls floating...higher than &lt; 50% AF Protected to -36°C</p> <p>% AF and protection calculated at 15°C.</p>	1
	0-550-00	For ethylene-glycol solutions only. Integral thermometer and drum calculator enables correct % anti-freeze to be determined accurately over a wide temperature range.	1
	0-550-02	Bulb for the above.	1
	0-550-03	Calculator for the above.	1
	0-550-06	Float for the above.	1
	0-550-10	Jacket for the above.	1
	0-550-19	Spout for the above including thermometer.	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



# Hydrometers

Product	Part No	Description	Quantity
	<b>0-711-00</b>	<p>'Polarmaster', 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.</p> <p>Specific gravity range . . . . .5 - 60% A.F  Accuracy tolerance . . . . .± 2% A.F  Thermometer range . . . . .0 - 70°C  NOT suitable for methanol or propylene mixtures.</p>	<b>1</b>
	<b>0-711-02</b>	Bulb for the above.	<b>1</b>
	<b>0-711-06</b>	Float for the above.	<b>1</b>
	<b>0-711-10</b>	Jacket for the above including thermometer.	<b>1</b>
	<b>0-711-19</b>	Spout for the above.	<b>1</b>
	<b>0-711-50</b>	<p>'Propylenemaster', 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.</p> <p>Specific gravity range . . . . .5 - 60% A.F  Accuracy tolerance . . . . .± 2% A.F  Thermometer range . . . . .0 - 70°C  NOT suitable for methanol or ethylene mixtures.</p>	<b>1</b>
	<b>0-711-02</b>	Bulb for the above.	<b>1</b>
	<b>0-711-56</b>	Float for the above.	<b>1</b>
	<b>0-711-60</b>	Jacket for the above including thermometer.	<b>1</b>
	<b>0-711-19</b>	Spout for the above.	<b>1</b>

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## MERCHANDISING



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## Brochures | Counter Stands

Product	Part No	Description	Quantity
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## Durite Merchandising

Merchandising can increase the amount of customers who notice Durite products in your store. With increased traffic may come increased sales and success. Durite merchandise is of a high quality, bright, clear and will improve your customers buying experience.

### A variety of tools available

- Stands and Display units
- Catalogue, Brochures and Flyers
- Signs and Posters



**NEW** STAND03

Durite Red card merchandising counter stand.  
Dimensions h210 x w80mm.

1

\*Products pictured not included.



**NEW** STAND05

Durite Counter stand for CCTV.  
Dimensions h210 x w80mm.  
**0-649-07** power pack included.

1

\*Products pictured not included.



**NEW** STAND08

Durite Counter stand for work LED lamps  
Dimensions h210 x w80mm.  
**0-649-07** power pack included.

1

\*Products pictured not included



**NEW** STAND04

Durite Powered counter stand  
Dimensions h210 x w80mm.  
**0-649-07** power pack included.

1

\*Products pictured not included.

## Brochures | Signs | Standalone displays

Product	Part No	Description	Quantity
	<b>NEW</b> CATALOG04	Durite CCTV Brochure	1
	CATALOG06	Durite Mini Jump Starter Brochure	1
	CATALOG07	Durite LED Marker Lamp Brochure	1
	CATALOG08	Durite LED Interior Lamp Brochure	1
	CATALOG09	Durite Power Inverter Brochure	1
	CATALOG10	Durite 4.3" CCTV Kit	1
	CATALOG11	Durite LED work light and Blue spot light	1
	CATALOG12	Durite Beacon brochure	1
	CATALOG13	Durite LED warning lights and Portable lamp 0-429-79	1
	CATALOG14	Durite Booster cables	1
	CATALOG16	Durite LED work lamps	1
	<b>NEW</b> SIGN01	Durite Aluminium composite wall sign. Dimensions 900 x 600mm	1
	SIGN02	Durite Aluminium composite wall sign. Size A4.	1
	SIGN03	Durite Cling plastic window sign. Size A4.	1
	<b>NEW</b> STAND07	Short Durite White standalone merchandising stand, in powder-coated metal. Includes 1 shelf and 40 hooks. Dimensions h170 x w80mm  *Products pictured not included	1
	<b>NEW</b> STAND06	Tall Durite White standalone merchandising stand in powder-coated metal. Includes 1 shelf and 50 hooks. Dimensions h210 x w80mm  *Products pictured not included	1

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# INDEX

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# NOTES





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