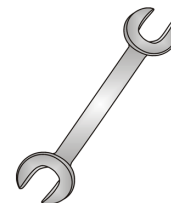




Tow-Trust Towbars

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Issue 2

Kit 3 – Double Electrics With Buzzer Wiring Kit

Item	Qty	Description	Item	Qty	Description
A	1	12N Pre-wired Socket	F	4	Ring Terminals
B	1	12S Pre-wired Socket	G	10	Blue Snap Connectors
C	1	Audible Buzzer	H	1	Self-tapping Screw
D	1	Voltage Sensing Relay	I	1	3 Metre Length Of Twin Core Cable
E	1	5 Metre Length Of Power Cable	J	1	Fuse Holder
			K	1	20 Amp Fuse

1. Mount the pre-wired sockets to your chosen socket plate (not supplied in this kit) using the screws provided.
2. Route the 7-core cables into the vehicle through a suitable grommet.
3. Connect the audible buzzer to the black 7-core cable and the vehicles wiring loom as shown below;

Wire Colour On Audible Buzzer	Connects To.....
Yellow	Yellow wire on 7 core cable
Green	Green wire on 7 core cable
Orange	Left Indicator Wire On Vehicle
Grey	Right Indicator Wire On Vehicle
White	Vehicle's Earth Point

4. Connect the remaining wires from the black 7 core cable to the vehicles wiring loom as shown below;

Pin Number On 7 Pin Socket	Wire Colour	Connects to.....
2	Blue	Fog Light Wire On Vehicle
3	White	Vehicle's Earth Point
5	Brown	R/H Side Light Wire On Vehicle
6	Red	Brake Light Wire On Vehicle
7	Black	L/H Side Light Wire On Vehicle

5. Route the supplied power cable from the battery through the vehicle to the location of the voltage sensing relay (part D) fitting the inline fuse holder, but removing the fuse at this stage.
6. Connect wires from the grey 7 core to the voltage sensing relay as shown below:

Relay Terminal	Connection
12v	+12V Cable from car battery
12v	
6	12S Socket - Pin 6. Red Lead
4	12S Socket - Pin 4 Green Lead
2	12S Socket - Pin 2 Blue Lead
0v	Suitable earth, minimum 16/0.2 thin wall preferably to chassis with ring terminal

7. Connect the yellow wire from the grey 7 core to the vehicle's reverse light circuit.
8. Connect the white and black wires from the grey 7 core to a suitable earth point using one of the provided ring terminals.
9. Insert the inline fuse and test all functions with a suitable test board.