

Maypole 12N Pre-Wired 7 Pin Tow Bar Wiring Kit

For trailer lighting.

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Pre-wired 7 pin 12N socket.

Warning

Modern vehicles may be fitted with sophisticated electronics to monitor or to switch their road lights. Direct connection of towing electrics could have an adverse affect. For these vehicles it is therefore strongly recommended that a multi-function by-pass relay is used when making the connections.

If in doubt consult an auto electrician or tow bar fitter.

Fitting Instructions

1. Check vehicle rear lights are working correctly. Switch off all lights and the ignition switch, if necessary isolate circuits by removing fuses or disconnecting the battery. Caution! When removing fuses engine management, alarm or audio equipment may be affected.
2. Fit the pre-wired socket mounting plate between the tow ball and vehicle towing bracket using the existing mounting bolts.
3. If access for the socket cable is not provided, drill a suitable hole near to the tow bar, removing any sharp edges with a file, repainting and fitting a suitable grommet.
4. Locate the wiring to the rear lights of the vehicle (usually on one side) and select a suitable point at which to make the necessary 7 core cable connections.
5. Strip approx. 150mm. of the 7 core black cable sheath taking care not to damage the wires inside.
6. Identify the function of individual vehicle rear lamp wires by tracing back to the bulb holder or using a circuit tester. Connect the 7 core cable using the insulated snap connectors provided, as below, do not cut the wires to vehicle lamps. If a multi-function bypass relay is used you must also refer to the instructions provided with the relay.

<u>12N Socket</u>	<u>7 core cable</u>	<u>Connection</u>
Pin 1	Yellow	L/H indicator in vehicle wiring
Pin 2	Blue	Rear Fog lights in vehicle wiring
Pin 3	White	Suitable good earth
Pin 4	Green	R/H indicator in vehicle wiring
Pin 5	Brown	R/H tail lamps in vehicle wiring
Pin 6	Red	Stop lamps in vehicle wiring
Pin 7	Black	L/H tail lamp in vehicle wiring

7. Ensure that all wiring connections are correct, replace any fuses removed, connect trailer 12N plug and check vehicle and trailer lights function correctly.

Notes

Earth connections can be made to the vehicle chassis or bodywork. A good connection is important, this should be bare metal, free from paint or rust

Number plate lamps on the trailer should be wired to avoid a common connection between terminals 5 & 7 of the 12N socket.

If there is a requirement to disconnect the vehicles rear fog lamps when towing to prevent back glare, this can be done automatically by fitting a Fog Cut Off relay part number MP290