

## Fitting Instructions

### TEB7AJ 7 Way Bypass Relay inc Buzzer For S Type Jaguar & Earth Switched Vehicles

#### Description

This 7 way bypass relay may be used on vehicles which have earth switched lamp loads such as the Jaguar S Type and which require a bypass relay to be fitted for circuit protection or to avoid confusing the bulb failure warning systems when towing a trailer or caravan.

If the vehicle is fitted to a Jaguar S Type, it is recommended that the 12v supply is positively switched with a single bypass relay in order to prevent the towed vehicles road lamps from automatically switching on 30 minutes after the vehicle has been locked.

#### Main Features

- 7 way bypass relay with 7 terminal outputs arranged in 12N sequence including reverse.
- Statutory sensing of trailer flasher function with integrated buzzer output which automatically mutes when panel lamp attached.
- All circuits fully snubbed for EMC protection.

#### Procedure

##### Warning.

Normal rules of competency apply to anyone fitting this relay to a vehicle.

It should be fitted to negative earth vehicles only.

Great care should be taken if the relay is fitted to a vehicle having multiplexed circuitry, and no attempt should be made to interrupt or interfere with the BUS, the ESUs or the power cable of a multiplexed system. Power sources should be taken from the main fuse box or battery and signal sources from the regular 12v system directly feeding the various rear road lamps.

- Fit 12N socket and cable according to instructions supplied with the socket kit.
- Fit 12S socket and cable where required (i.e. if reverse light is to be attached) according to instructions supplied with 12S socket.
- Route 28/0.3 cable (2.0 sq mm) from car battery to boot or fuse box, fitting an inline 15a blade type fuseholder, but removing the fuse at this stage. If a single bypass is to be fitted, it should be interposed between the fuse and the 7 way relay.

Connections for the TEB1 relay are:-

Blue - Fused 12v supply

Red - 12v terminal of TEB7AJ

Grey - Pin 2 of vehicle light cluster

White - Earth

If another make of single bypass relay is used, consult the manufacturers fitting instructions before making any connections.

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