towingelectricslimited

Speciality Manufacturer of Towing Relays & Electrics

Fitting Instructions

TEB7A 7 Way Bypass Relay inc Buzzer

Description

This 7 way bypass relay may be used on negative earth vehicles 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. Do not use this relay on vehicles which have modulated* outputs to the rear lamp clusters, as relay chatter, or incorrect or non functioning of trailer bulbs may result. Instead fit the Universal 7 Way Bypass Relay TEB7AS. (H52)

* Modulated outputs manifest themselves as low voltages, and often combine brake & tail or fog and tail lamps into one circuit.

Main Features

- 7 way bypass relay with 7 terminal outputs arranged in 12N sequence including reverse.
- Statutory sensing of trailer flasher function without the normal voltage drop avoiding potential dimming of flasher bulbs.
- 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.
- Offer up the relay to the above cable clusters and make secure connections through the terminal blocks on the relay according to the chart overleaf.

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