

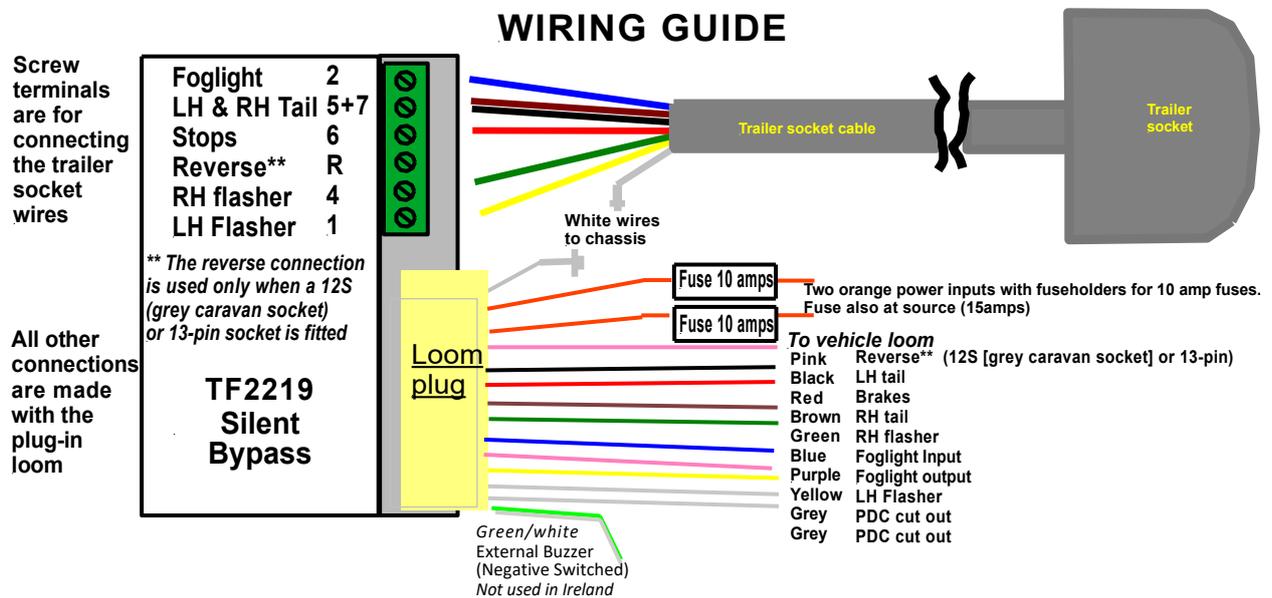
TF2219 Silent Bypass Relay with cut-outs

Fitting Guide

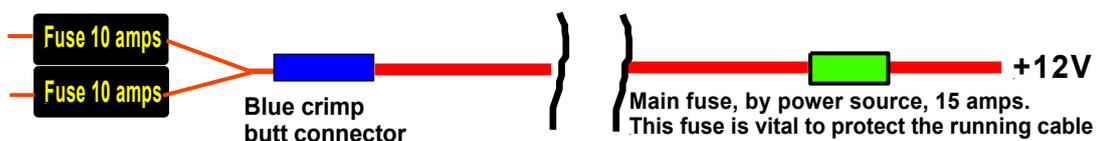


PLEASE READ THESE INSTRUCTIONS BEFORE FITTING

- Route your power source cable(s) from the relay to the vehicle fusebox using a PowerTap connector (*TV1645-1 or TV1645-2- not included*) **DO NOT** insert the (15amp) fuse yet.
- Connect the 7 core cable from the trailer socket to the relay as per diagram and the appropriate wires from the relay to the vehicle loom.
- Connect thin signal wires Black and Brown to both the vehicle's side light circuits, Black (LH) and Brown (RH)
- IMPORTANT!** Dual lamp function: If brake light and tail light or fog light and tail light share a common wire do not connect either of the side light wires (Black or Brown) from the relay to the car. The relay will interpret the signal on the brake signal wire (Red) or fog signal wire (Blue) and operate the lights, including the side lights, correctly.
- TEST**
With the two 10 amp fuses in place, insert the 15 amp fuse and test the installation by turning the car lights on and off and observing the lights on the test board.
- CUT-OUTS**
There are two cut-outs available, one for PDC and one for fog lights.
The PDC cut out is a simple, in-line switch, non-polarised. On vehicles with factory fitted PDC, it can be used if a circuit such as the earth to the rear-end PDC module can safely be cut.
Vehicles with post-fit reversing sensors can usually accept the cut out on one of the lines to the buzzer.
To install the fog cut out circuit, cut the wire to the vehicle fog light and connect the blue wire from the relay loom to the switched side of the cut. Connect the purple wire from the relay loom to the lamp side of the cut.
- Condensation and water ingress:** Always mount the relay with the cables at the bottom, to prevent water running down into the casing. Smearing grease on the connectors can also help with condensation.



How to connect if you use a single power cable through the vehicle



NOTE: One fuse protects: Stop lights; RH tail light; LH tail light. The other protects LH flasher; RH flasher; Reverse; Fog AND will switch off all circuits if it fails