



MP 292 TEC2 IGNITION SWITCHED COMBINATION RELAY WIRING KIT
(REFRIGERATOR AND BATTERY CHARGER)

Prevents discharge of the towing vehicle Battery and isolates the caravan refrigerator when the engine is not running.

CONTENTS

- TEC2M ignition switched relay
- 5m of Green 2.5mm² (35 x 0.3)
- 5m of Blue 0.75mm² (24 x 0.2)
- 40cm of White
- In line fuse holder
- 15Amp auto blade fuse
- Blue ring terminal
- Instructions

FITTING INSTRUCTIONS (for use with 7 Pin 12S or 13 Pin Euro Socket)

ALL INSTALLATIONS

1. Do not connect this unit to the mains. Suitable for 12v negative earth vehicles only. For safety and following the vehicle manufacturer's instructions, disconnect the vehicle battery before fitting the relay.
2. The relay should be fitted in a dry ventilated space, in a position providing protection from physical damage and close to the 12S socket. (Usually in the boot of the vehicle)
3. Terminal marked **0v** on the TEC2 relay is connected to a good Earth, using the short White cable and ring terminal provided.
4. Terminal marked **Ign** on the TEC2 relay is connected to a supply that is only live when the ignition is turned on, but not when the starter motor is being operated e.g. the supply to the windscreen wipers, or to the thin wire between the vehicle alternator and the alternator charge warning light on the vehicle dashboard, using the Blue wire provided.
5. Terminal marked **12v** on the TEC2 relay is connected to the Positive terminal of the vehicle battery using the 15 amp. in line fuse (situated close to the battery) and the heavy duty Green wire provided.

FOR USE WITH 12S 7 PIN AUXILLIARY SOCKET

6. Connect the TEC2 relay as follows

Relay Terminal	Connection
12v	Green cable provided, from car battery, through 15Amp in line fuse
Ign	Blue wire provided, from ignition switched battery supply or alternator warning light
6	Red wire from 12S Socket Pin 6. (Switched Supply)
4	Green wire from 12S Socket Pin 4 (Constant Supply)
2	Blue wire from 12S Socket Pin 2 (Switched Supply)
0v	Suitable earth, white wire provided, preferably to chassis with ring terminal

FOR USE WITH 13 PIN SOCKET - ISO11446

6. Connect the TEC2 relay as follows

Relay Terminal	Connection
12v	Black 3.0mm ² cable from car battery with 25 amp fuse
Ign	Blue wire provided, from ignition switched battery supply or alternator warning light
6	Grey wire from Socket Pin 10 (Switched Supply)
4	Orange wire from Socket Pin 9 (Constant Supply)
2	Linked to Relay Terminal 6 - Grey wire from Socket (Switched Supply)
0v	Suitable earth, white wire provided, preferably to chassis with ring terminal

ALL INSTALLATIONS

7. Re-connect battery.
8. Turn on and start car engine. Pins 2, 4 and 6 in 12S supplementary socket or Pins 9 and 10 for a 13pin socket should now be live.

Please note that these units have been factory tested. However, should a unit fail to work, please check the following:-

- All wiring for short circuit etc.
- In line fuse (15A).
- That car charging circuit is working.