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Mains Hook-up kit T5

WARNING: This item uses 230 volts AC. If you are unsure of your skills when fitting please get the installation checked by a competent person before using.

N.B. The one outer lug has been intentionally removed!

Begin by removing the wiper arms and then the plastic grill covering the plenum chamber. Dismantle the AC inlet by removing the screw above the white blanking plug. Position the sole plate of the AC inlet up against the threaded stud as per the photo and drill a 13 mm hole through the centre of the sole plate and the metal panel. Drill 3 mm holes through the inner mounting holes and the metal panel. Note positioning as this is the only point wide enough to allow the fitting of two screws through the inner mounting holes



Treat the holes in the metal with Waxoil or similar and fit the rubber grommet to the metal panel and feed the three core cable through the grommet and the AC inlet. Connect using the orange bootlace ferrules to protect the conductors from damage by the terminal screw.. Brown is LIVE..... Blue is NEUTRAL and the Green / Yellow is EARTH. Next, mount the sole plate to the scuttle panel using self tapping screws through the two inner screw holes.

Run the cable through the grommet in the n/s corner of the plenum chamber. If your van has factory sunroof do not use this grommet but make a hole close to it and use the spare grommet supplied in the kit. Remove the side dash panel, lower dash panel and curved surround below the gear stick. Now route the cable to the black plastic cable tunnel at the bottom of the gear stick support brackets.

The next part is much easier if you remove the 4 nuts securing each seat base (or at least the drivers seat) and tip them back so that you can lift the rubber floor mat.

Run the cable through the tunnel and follow the existing wiring to the area under the seat where you will mount the RCD. Connect the cable to the RCD using some more bootlace ferules. Live to L, and neutral to N, the earth goes to the earth busbar as marked in the 4th photo. You can connect a mains battery charger or fridge to the 5 amp MCB and 13 amp sockets to the 10 amp MCB again using appropriate sized bootlace ferrules.

The single green /yellow wire is the earth bond and should be connected to the earth point under the seat base (through existing hole in rubber mat).

It will be necessary to relocate the convenience module (pre 2010) to allow fitting of the RCD alongside the battery (where fitted). Remove the two screws securing the module to it's mounting bracket. After lifting the seat base you can remove the screws that hold the mounting bracket in place. Use the bracket as a template for drilling new holes in side of seat base. Position so that the module is as far back as possible. Mount using original screws.



To run wiring from here into back of van remove B pillar trim and seat belt mechanism. Look into the cavity where you have removed the seat belt from and you will see a rolled edge hole in the inner skin at the bottom. To get your wiring through to this hole you will need to drill 15 mm holes to the left of where the seat belt mounts and fit the supplied grommets. Follow seat belt wiring to this point.

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