FITTING INSTRUCTIONS

Rear 12V Socket

Ford Transit Custom · 2024+

These instructions cover fitting the AutoVolt Rear 12V Socket Loom to a Ford Transit Custom (2024 onwards). Read them fully before you start.

How it works

The loom draws a switched, ignition-live feed from the factory Customer Connection Points under the driver's seat, so the rear socket is powered only with the ignition on and the engine running. There is nothing to wire into the fuse box.

Safety first

The 60A feed is a live battery terminal. Take extreme care not to touch any bare metal with your tool while working on it, as this will short positive to earth. Keep the ignition off until the loom is fully connected.

IN THE KIT

- Pre-wired AutoVolt loom with 8m cable
- 12V socket and collar
- Heat-shrink clamp to rejoin cut cable
- Supplied fixing nut

YOU'LL ALSO NEED

- Trim removal tool
- Insulated socket set
- 10mm socket or spanner
- Cable ties
- Heat gun and crimp tool (if cutting cable)
- Drill (passenger-side fitment only)

UNDER THE DRIVER'S SEAT

1 Locate the connection points

Find the Customer Connection Points (CCP) under the driver's seat.

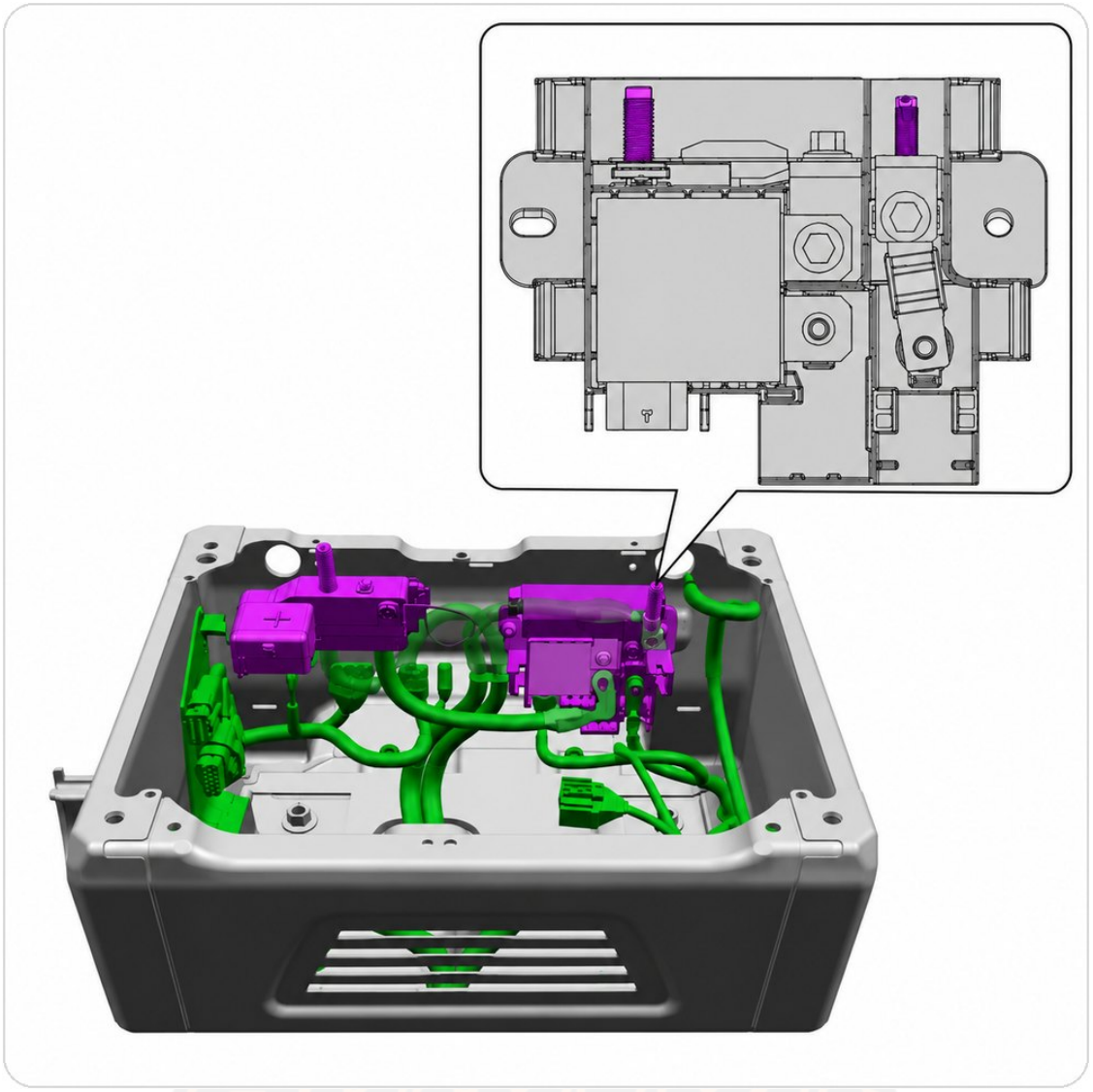


Figure 1. Customer Connection Points (CCP) under the driver's seat.

2

Fit the positive terminal to the 60A feed

Slide the red open relay terminal over the 60A CCP thread (Arrow 1) and fasten with the supplied nut using a suitable insulated socket. Take extreme care not to touch any bare metal with the tool, as this will short positive to earth.

3

Secure the earth and relay

Remove the 10mm hex nut (Arrow 2). Slide the fixing hole and the black open relay terminal over the thread, then refit and tighten the bolt. This locks both the earth wire and the relay itself securely in place.



Figure 2. Arrow 1 is the 60A feed stud, Arrow 2 is the earth stud.

4 Connect the loom to the vehicle

Remove the blanking connector from the Vehicle Interface Connector (Arrow 3), also under the driver's seat, and connect the supplied AutoVolt loom in its place.



Figure 3. The Vehicle Interface Connector (Arrow 3).

AT THE REAR OF THE VAN

5 Route the cable to the rear

The loom is supplied with 8 metres of cable, so you can fit the socket on either side of the van. Route the cable to your chosen location at the rear (Arrow 4 shows the driver's side), securing it as you go and keeping it tucked out of the way so it cannot snag or foul on anything. Cut the cable to the length that suits your run and rejoin it with the supplied heat-shrink clamp.



Figure 4. Cable exit point at the driver's side rear (Arrow 4).

Fitting either side

This kit fits either side of the van. The driver's side has a factory hole for the socket. If you fit to the passenger side, you will need to drill a hole, as there is no factory hole on that side.

6 **Connect the socket**

Feed the wiring through the hole at Arrow 4 and connect it into the back of the 12V socket.

7 **Earth the socket**

Remove one of the 10mm hex nuts (Arrow 5), fit the earth wire over the thread, and retighten the nut.



Figure 5. The rear earth stud (Arrow 5).

8 Fit the socket and test

Push the 12V socket and collar firmly into place. With the ignition on and the engine running, check the socket works before refitting any trim. It stays dead with the ignition off, so there is no drain on the battery.



Figure 6. The 12V socket location at the driver's side rear.

USING THE HEAT-SHRINK CLAMP

If you cut the cable to length, rejoin it with the supplied heat-shrink clamp for a secure, weatherproof joint. Strip, crimp, heat and cool as shown below.

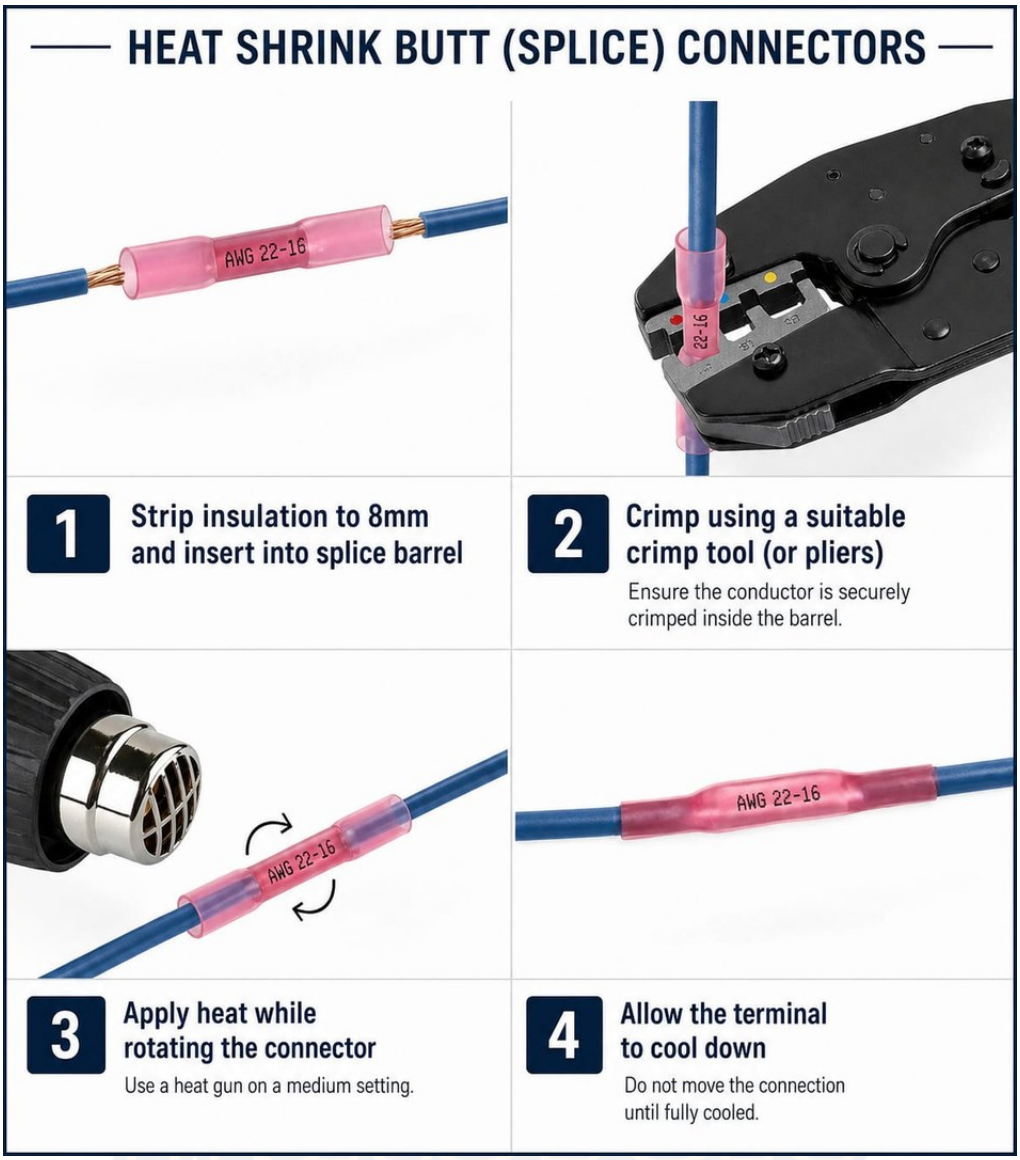


Diagram. Fitting the supplied heat-shrink clamp.

Thank you for choosing AutoVolt

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