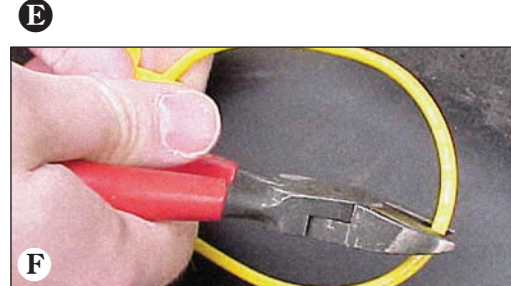
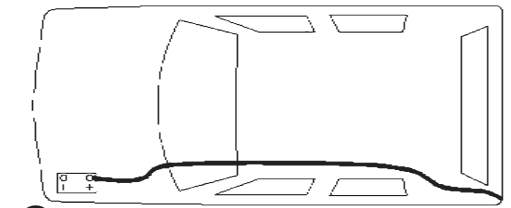


Installation Instructions

T-Connector



Fiat 500



TOOLS NEEDED:

Trim Panel Remover, 10mm Socket & Ratchet or 10mm Wrench, Drill (3/32" Drill Bit), 1/4" Socket, Wire Crimpers, Wire Cutters, Philips Head Screwdriver, Test-probe

1. Open the rear tailgate to access the bolts that hold the taillights in place. Using a Phillips head screwdriver, Remove the taillights on both the driver and passenger side of the vehicle. After removing the screws, carefully pull the taillight away from the vehicle being careful not to damage the alignment pins **A** **B**.
2. On the Driver's side, disconnect the vehicle wiring harness from the taillight socket. Separate this connector, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt **C**.
3. On the driver's side, insert the T-Connector end, with the **yellow** wire, between the vehicle wiring connectors and lock into place. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place.
4. Beginning at the Driver's side taillight pocket, route the harness containing the **green** wire and the 4-Flat down the opening between the vehicle bumper and body. Then route the harness and 4-Flat across and underneath the vehicle behind the bumper fascia. Route 4-Flat to the center of the vehicle. Secure wire cable ties provided. Continue to route the harness containing the green wire up through the opening behind the passenger's side taillight.

⚠ WARNING

Route the wire being careful to avoid any hot pipes, heat shields, the fuel tank or any other points that may pinch or break the wire.

5. Repeat steps 2 & 3 on passenger's side with T-Connector end containing the **green** wire.
6. Locate a suitable grounding point on the driver's side near the connectors. Drill a 3/32" hole and secure **white** wire with eyelet using screw provided. Do not drill into any exposed surfaces.
 - ⚠ **CAUTION**
Verify what is behind any surface prior to drilling to avoid damage to the vehicle and/or personal injury. Do not drill into any exposed surfaces.
7. Mount black box behind the rear bumper on the driver side, using cable tie and double sided taped provided. Mount in an area that is located as close to the taillight pocket as possible to prevent from any damage **D**.
 - ⚠ **WARNING**
When mounting under the vehicle, always make sure that the unit is in a protected area and can not be damaged from road debris or objects driven over.
 - ⚠ **WARNING**
Make sure module is mounted so that the epoxy side of the module is pointed towards the ground to prevent any water buildup.
8. On the driver's side, locate the red 12 ga. Power wire from the T-Connector box. Attach the black 12 ga. wire provided. Route the remaining wire through the opening in the taillight socket, behind the bumper.
 - Route the **black** wire along the exterior frame or follow the existing wiring along the thresholds into the engine compartment up to the battery avoiding areas that may pinch or break the wire **E**.

9. Disconnect the vehicle's Negative (-) battery cable. If not removed, remove the fuse from the yellow fuse holder (provided). After cutting the fuse holder wire, attach the ring terminal and secure to the vehicle's Positive (+) battery cable **F**. Connect the other end of the fuse holder to the **black** 12 ga. wire, using the yellow butt connector (provided) **G** **H**.
 - ⚠ **WARNING**
Read and follow all warnings and cautions printed on the tow vehicle's battery.
10. Reconnect the vehicle's Negative (-) battery cable and install the 10 amp fuse into the fuse holder from step 9.
 - ⚠ **WARNING**
All connections must be complete for the T-Connector to function properly. Test and verify installation with a test light or trailer once installed. For initial test, reset vehicle electrical system by temporarily removing the key from the ignition.
11. Secure the remainder of the T-Connector harness with the cable ties provided, to prevent damage or rattling and being careful to avoid any areas that would pinch, cut or melt the wire.
12. Reinstall taillight assemblies and other items removed during installation, being careful not to pinch or cut the wires.

🔥 ⚠ WARNING

Overloading circuit can cause fires. DO NOT exceed lower of vehicle manufacturer rating or:

- Max. stop/turn light: 2 per side (4.2 amps)
- Max. tail lights: (7.5 amps)

Read vehicle's owners manual & instruction sheet for additional information.