

Installation Instructions

T-Connector



Tools Required:

T-30 Torx® Bit and Driver, Trim Panel Remover, Phillips Head Screwdriver, Drill (3/32" Drill Bit)

1. Open the tailgate and remove the vehicle's taillight assemblies by removing the two T30 Torx head bolts on each side. Carefully pry the housings away from the vehicle, being careful not to break the alignment tabs. **A**
2. Disconnect the wire harness from both taillight sockets. Plug the T-Connector end with the **yellow** wire in-between the mating plugs on the driver's side taillight socket and vehicle wiring harness. **B C**
3. On the driver's side, route the T-Connector end with the **green** wire and the wire with the 4-Flat connector down through the opening between the vehicle bumper and body **D**. Route the T-Connector end with **green** wire to the passenger's side and route the 4-Flat underneath the bumper. Route T-Connector end with **green** wire up through the opening on the passenger side, being careful to avoid any hot pipes, heat shields, the fuel tank or any other points that may pinch or brake the wire. Repeat step 2 with T-Connector containing the **green** wire.



NOTE: Optional routing of wire

- A. Pull away the grommets on both driver's and passenger sides to access the interior area of the vehicle. **D**
 - B. Using a trim panel tool, carefully pry the threshold plate away from the vehicle, being careful not to damage any clips. In the threshold plate area, remove the clips on both the driver's and passenger's side to gain access behind trim panels. **B G**
 - C. Being careful not to damage clips, partially remove the lower interior trim panels on each side of the vehicle. Set aside all items removed being careful not to damage parts. **F G**
 - D. Route the wire inside vehicle through each interior trim panel and route the T-Connector containing the **green** wire down the threshold plate, up and through the passenger side trim panel and out through the grommet hole. Follow Steps 2 and 3 for connections.
 - E. Push all of the existing vehicle wiring back into the grommet hole and seat the grommet back into the hole and tuck the remainder of wiring in-between the bumper fascia or under the bumper.
4. Locate a suitable grounding point near the connector such as an existing ground stud or drill a 3/32" hole and secure the **white** wire using the eyelet and screw provided.

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.

5. Reinstall the plastic trim panels, threshold, storage covers, floor covering and other items that may have been removed during installation, being careful not to pinch or cut the wires. Reinstall the taillight housing assemblies, positioning the vehicle wiring harness between the housing and the vehicle body. Secure the remainder of the T-Connector harness under the bumper with cable ties provided, being careful to avoid any areas that would cut or pinch the wire.

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.



WARNING

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

- Max. stop/turn light: 1 per side (7.5 amps)
 - Max. tail lights: (7.5 amps)
- Read vehicle's owners manual and instruction sheet for additional information.