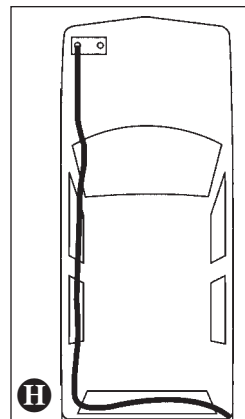
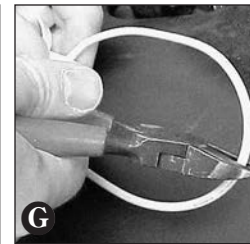
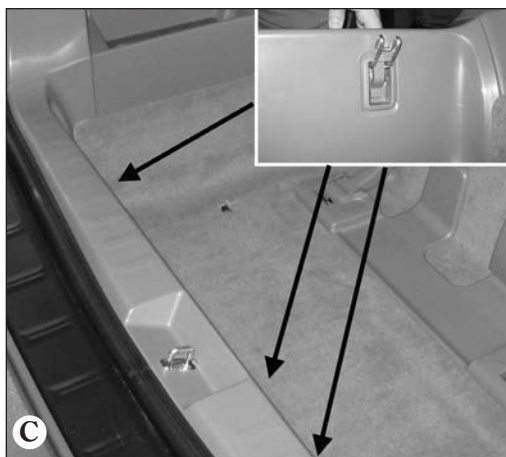
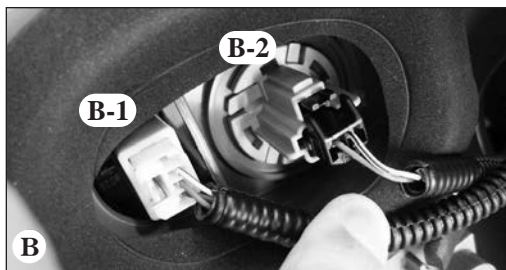
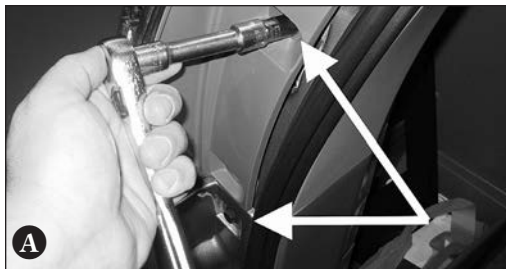


# Installation Instructions

## T-Connector



Toyota Sienna



### TOOLS REQUIRED:

10mm Socket & Ratchet or 10mm Wrench,  
12mm Socket & Ratchet or 12mm Wrench,  
Phillips Head Screwdriver, Test-probe,  
Drill (3/32" Drill Bit), Wire Crimpers, Wire Cutters,  
Trim Panel Remover

1. Open the rear tailgate to access the bolts that hold the taillights in place. Beginning on the driver's side. Remove two bolts and carefully pry the taillight housings rearward away from the vehicle, being careful not to break the alignment tabs. Repeat on the passenger side. **A**
2. On the driver and passenger sides of the vehicle, locate the vehicle's taillight wiring harness. The taillight wiring harness will have a connection point, on both sides, matching the ends of the T-Connector **B**. Separate this connector, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt. Set aside all items removed being careful not to damage parts.
3. Temporarily remove threshold plate by removing the cargo clips **C**.
4. Remove the jack storage compartment door on the passenger side. Using a trim panel remove tool carefully pull back the interior trim panels on both Driver's side and Passenger's side **D** **E**.
5. Locate a suitable mounting location inside rear quarter panel on passenger side, and clean area with 50/50 water/alcohol solution where the converter will be mounted. Mount the black box in this area using the double-sided tape provided.
6. Route T-connector ends with **Green and Brown/Red** wires up through the opening on the passenger side, being careful to avoid areas that could damage wiring **F**. On the passenger side, insert the T-Connector ends with the **Green and Brown/Red** wires between the vehicle wiring connectors and lock into place **B-1** **B-2**.

7. Route the T-Connector end with the **yellow** wire to the driver's side behind the panels and along the threshold. Repeat step 6 for T-Connector end with the **yellow** wire **B-1**.
8. Ground the **white** "ground" wire by placing the ring terminal under an existing screw attached to a clean metal surface or by drilling another 3/32" hole and using one of the self tapping screws provided.
 

**⚠ WARNING**  
Make sure all other ground connections are secure when removing and reattaching the ground stud.
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 **G**, attach the ring terminal and secure to the vehicle's Positive (+) battery cable. Connect the other end of the fuse holder to the **black** 12 ga. wire, using the yellow butt connector (provided). **H**
10. Either route the **black** wire thru a grommet and 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.
11. Connect the other end of the **black** 12 ga. wire to the **red** power wire located on the T-Connector's black box, using the yellow butt connector (provided).
12. 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."

13. Secure all loose wires with cable tie provided. Reinstall taillight assemblies and other items removed during installation, being careful not to pinch or cut the wires. Store 4-Flat in jack storage compartment when not in use. Route 4-flat harness through rear tailgate/door seal when in use.

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

- Max. stop/turn light: 1 per side (2.1 amps)
- Max. tail lights: (5.6 amps)

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