

# Installation Instructions

## T-Connector



Caliber



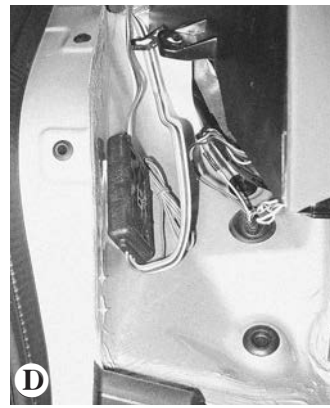
Patriot



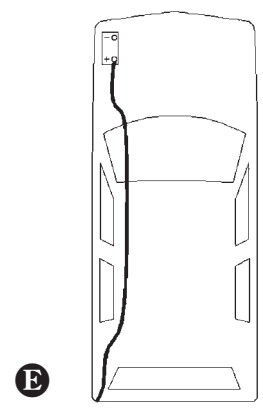
Compass



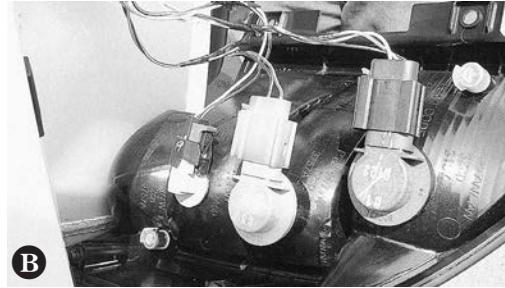
A



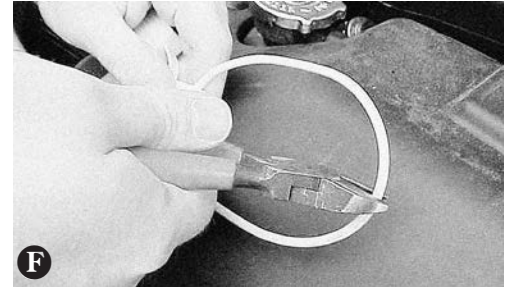
D



E



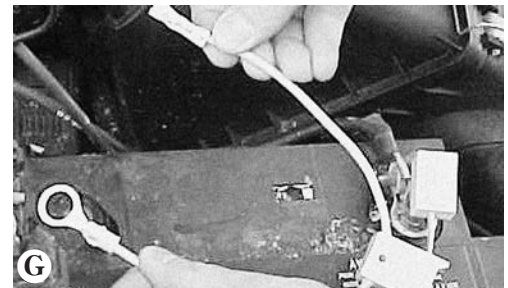
B



F



C



G



### TOOLS REQUIRED:

Trim Panel Remover, Drill (3/32" Drill Bit), 1/4" socket, Wire Crimpers, Wire Cutters, Test-probe

1. Disconnect and isolate the vehicle's negative battery terminal.

#### ⚠ CAUTION

Read and follow all warnings and cautions printed on the tow vehicle's battery.

2. Open the tailgate and remove the vehicle's right side taillight assembly by removing the two clips holding the taillight in place. Carefully pry the housings away from the vehicle, being careful not to break the alignment tabs. Repeat for the vehicle's left side taillight assembly **A**.
3. 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. Separate this connector, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt.
4. Beginning on the driver's side, plug the T-Connector harness containing the **yellow** wire in between the vehicle's mating connectors **B**. Repeat for the T-Connector harness with the **red** wire. Be sure that connectors are fully inserted with locking tabs in place.

5. 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 **C**. 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 4 for the passenger's side using the T-Connector harness end with the **green** wire.

6. Mount the 4-Flat end in an accessible location with a bracket or electrical box (not included).
7. Locate a suitable grounding point near the connector such as the vehicle's frame or cross member. (Do not drill into vehicle floor or bed. Do not drill into any exposed surfaces.) Clean dirt and rustproofing from area. Drill a 3/32" hole and secure **white** wire using 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.

8. Behind the taillight assembly on the Driver's side, clean a flat area using a 50-50 mixture of rubbing alcohol and water. Mount the T-Connector black box using double-sided tape provided **D**.
9. On the driver's side, locate the **red** battery wire coming out of the T-Connector black box. Crimp the **black** 12 ga. battery wire to it. Route the **black** wire into the engine compartment and up to the battery following the frame **D**.

#### ⚠ 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.

10. If not removed, remove the fuse from the yellow fuse holder (provided). After cutting the fuse holder wire **F**, attach the ring terminal and secure to the vehicle's Positive (+) battery cable **G**. Connect the other end of the fuse holder to the **black** 12 ga. wire, using the yellow butt connector (provided).

11. Reconnect the vehicle's Negative (-) battery cable and install the 10 amp fuse into the fuse holder from step 10.

#### ⚠ WARNING

Test the installation with a test light or trailer. All connections must be complete for the T-Connector to function properly.

12. 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.
13. Reinstall the taillight assemblies removed in step 2.

#### ⚠ 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: (4.2 amps)

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