# Installation Instructions

**T-Connector** 















### **TOOLS REQUIRED:**

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 door of the vehicle and temporarily remove the rear threshold, cargo net and cargo cover to allow access of the rear interior trim panel on the driver's side.

### NOTE

It may be helpful to fold rear seat forward.

- Using a Trim Panel Remover Tool, carfully remove the two plastic panels shown (). Partially remove the main trim panel by removing the 10mm bolt, 2 screws behind seat lever, 1 clip, and 1 cargo hook (push in center) ().
- **3.** Gently pull back the upper trim panel to reveal the vehicles 13-pin connectors **(3)**.
- 4. Check to see that the mating surfaces of the vehicle wiring connectors match the T-Connector ends. All connector surfaces should be clean and free of dirt.
- Locate the T-Connector's Grey 12-Pin connector and insert it into the mating connector located on the black box-module ①. Check to see that the mating surfaces of the wiring connectors match. All connector surfaces should be clean and free of dirt. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place.

**6.** Mount the T-Connector's black box-module below the rear threshold in the spare tire compartment in an out of the way place.

#### NOTE

This surface should be in an area that is free of any moisture and mounted in an area that it is high enough where it could not be exposed to direct contact with any water or liquid substance.

#### **WARNING**

The black box-module is intended to be mounted ONLY in the INTERIOR of the vehicle. Mounting on the exterior or areas exposed to the elements or moisture could cause serious damage to the vehicle and module. 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.

7. On the driver's side, 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. (Do not drill into vehicle floor or bed.) Clean dirt and rustproofing from area.

### 

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.

 Locate fuse compartment under the driver side dash. Open fuse compartment and place 7.5 amp fuse provided <sup>(1)</sup>.

#### NOTE

An additional 5 amp fuse is located on the harness near the black box-module.

### **WARNING**

Overloading circuit can cause fires. DO NOT exceed manufacturer rating. Read vehicle's owner's manual & instruction sheet for additional information. 9. Mount the 4-flat end in an accessible location. If routing the wire thru a grommet and along the exterior of the vehicle, be careful to avoid any hot pipes, heat shields, the fuel tank or any other points that may pinch or break the wire.

### **WARNING**

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. Re-insert key and turn key to the proper position.

**10.** Reinstall the threshold, trim panel, cargo net and cover. Being careful not to pinch or cut the wires.

## 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 amps)

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