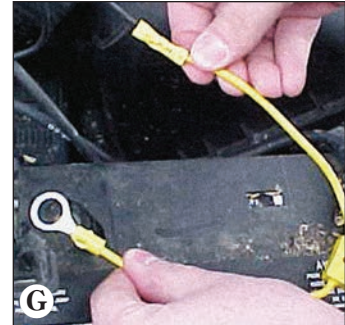
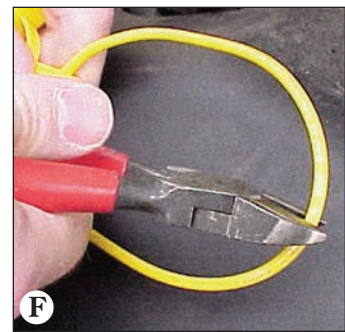
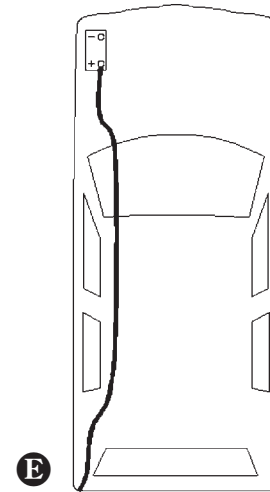
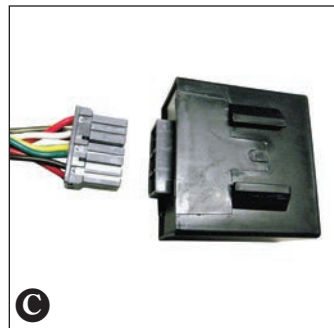
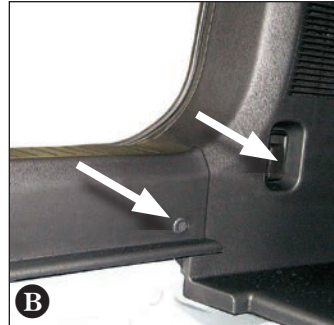


# Installation Instructions

## T-Connector



Mazda CX-5



### TOOLS REQUIRED:

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

1. Open hatch to locate the vehicle wiring inside the vehicle's rear cargo area by partially removing the plastic threshold cover, and cargo trays **A**.
2. Partially remove the rear interior trim panels on both the driver and passenger side of the vehicle. Several trim panel fasteners will need to be removed to partially remove the panels **B**.
3. Behind the taillights, there will be connection points matching the ends of the T-Connector adapter on the back of each of the vehicle taillight housings. Beginning on the driver's side, separate the vehicle's wiring connectors, being careful not to break the locking tabs.  
  
Attach both ends of the T-Connector containing the yellow, brown and red wires. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place.
4. Route the T-Connector containing the green wire below the threshold cover to the passenger's side taillight housing. Repeat step 3 using the T-Connector end containing the green wire.
5. 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.

6. Locate the T-Connector's Grey 12-Pin connector and insert it into the mating connector located on the black box-module. 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 **C**.
7. Locate a flat surface in an out of the way place and mount the T-Connector's black box-module, to prevent damage or rattling **D**.  
  
**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.
8. From inside the vehicle, connect the black 12 ga. wire and the black wire from the T-Connector black box with the supplied yellow butt connector. 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 **E**.

### WARNING

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.

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 **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).

### WARNING

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

10. 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.
11. 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

### NOTE

Store 4-Flat in trunk area when not in use.

### 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.