

## Installation Instructions

### T-One® T-Connector



Jeep Grand Cherokee

#### ⚠ WARNING

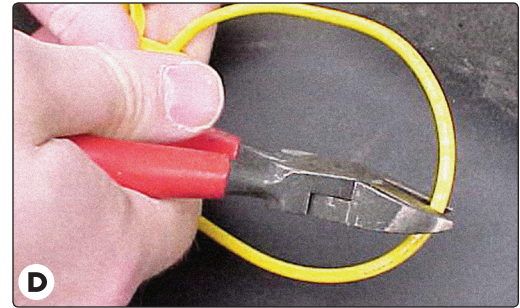
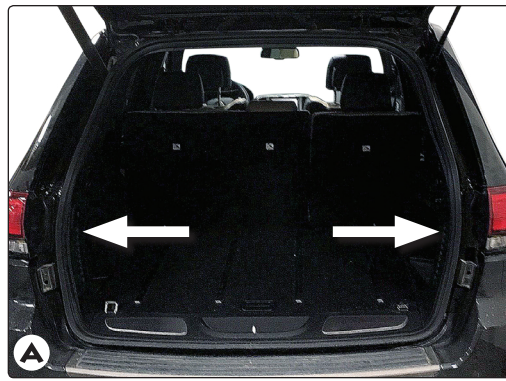


**ALWAYS** read and follow all warnings and instructions included with purchase before beginning installation. Keep for future reference.

**DO NOT** exceed lower of towing manufacturing rating (including in your vehicle owner's manual) or specific amperage ratings stated on product.

**ALWAYS** read, understand and follow all warnings and instructions printed on tow vehicle's battery.

**ALWAYS** wear safety glasses and use all safety precautions during installation.



#### 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 tailgate to access the screws that hold the taillights in place. On the driver's side, start by removing the two clips holding the taillight in place. Carefully pull the taillight away from the vehicle being careful not to damage the alignment pins. Repeat on the passenger side **A B**.
2. 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. Locate the black 3-pin connector. Separate the vehicle's wiring connectors, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt. Insert the T-Connector end, with the **yellow** wire, between the vehicle wiring connectors and lock into place. Be sure that connectors are fully inserted with locking tabs in place.
3. Locate the black 2-pin connector. Separate the vehicle's wiring connectors, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt. Insert the T-Connector end, with the **brown** wire, between the vehicle wiring connectors and lock into place. Be sure that connectors are fully inserted with locking tabs in place.

4. 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. 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 for the passenger's side using the T-Connector containing the **green** wire **C**.
5. Locate a suitable grounding point near the connector. Clean dirt and rustproofing from the area. 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.
6. Locate the battery inside the vehicle's trunk. 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.
7. 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 **D**, 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) **E**.

#### ⚠ WARNING

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

8. Reconnect the vehicle's negative (-) battery cable and install the 15 amp fuse into the fuse holder from step 7.

#### ⚠ WARNING

All connections must be complete for the T-One® 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.

9. Locate a flat surface in an out of the way place and mount the T-One® T-Connector's black box-module, to prevent damage or rattling.
10. Secure the remainder of the T-One® 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 taillight assemblies and other items removed during installation, being careful not to pinch or cut the wires.

#### NOTE

Route the 4-Flat harness underneath and to the center of the vehicle. Mount the 4-Flat end in an accessible location with a bracket or electrical box (not included).



#### ⚠ WARNING

Overloading circuits can cause fires. DO NOT exceed stated product ratings. Read vehicle's owner's manual & instruction sheet for additional information.