

Installation Instructions

T-Connector



Jeep Wrangler

⚠ WARNING

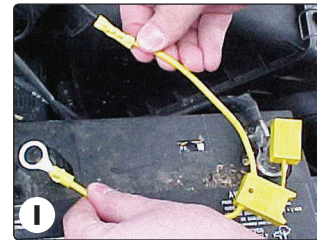
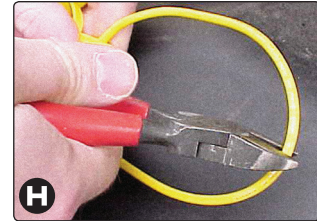
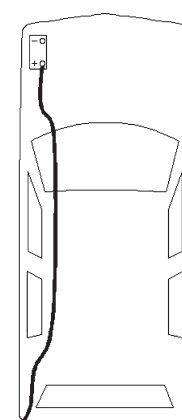
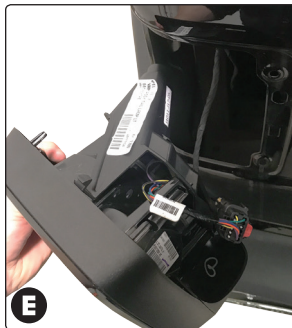
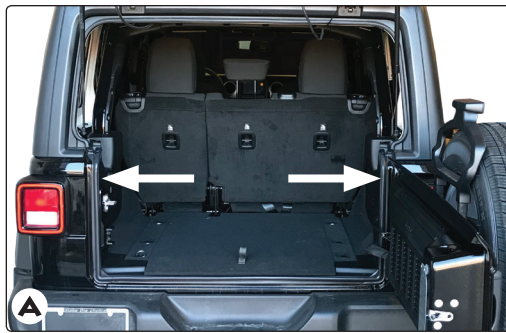


ALWAYS read and follow all warnings and instructions included with purchase before beginning installation. Keep for future reference.

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 rear door to access rear bolt holding the taillight in place. On each side of the vehicle, locate the small square access cover. This will be located on the trim panel just below the side windows on each side. Using a trim panel remover, remove access cover to expose white bolt holding taillight in place. **A B C**
2. Using a 10mm socket, remove the white bolt holding the taillight in place. Set bolt aside and carefully pull the taillight away from the vehicle exposing the vehicle's taillight wiring harness. Repeat process for passenger side. **D E**
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-One® Connector. Separate this connector, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt. **F**
4. On the driver's side, insert the T-One® Connector end, with the yellow wire, between the vehicle wiring connectors and lock into place. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place.
5. Route the harness containing the **green** wire and the 4-Flat down the opening behind the taillight on the driver's side. Route the 4-Flat harness to the center of the vehicle. Route harness containing the green wire underneath the vehicle up through the

opening behind the passenger's side taillight.

⚠ 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. **G**

6. Plug the T-Connector end with the **green** wire in-between the mating plugs on the Passenger's side taillight socket and vehicle wiring harness. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place.
7. On the driver's side, 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.

⚠ WARNING

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. On the driver's side, locate the **black** 12 ga. Power wire from the T-Connector box. Attach the **black** 12 ga. wire provided. Route the **black** wire 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.

⚠ 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. **H I**

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, attach the ring terminal and secure to the vehicle's Positive (+) battery cable. **J** 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.

10. Reconnect the vehicle's Negative (-) battery cable and install the 15 amp fuse into the fuse holder from step 9.
- ### ⚠ WARNING
- All connections must be complete for the T-One® 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.
11. Locate a flat surface in an out of the way place and mount the T-One® Connector's black box-module, to prevent damage or rattling.
 12. 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.
 13. 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.