

## Installation Instructions

### T-One® T-Connector



Toyota RAV4

#### ⚠️ WARNING

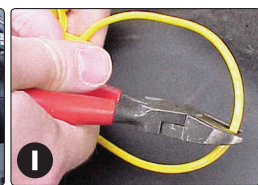
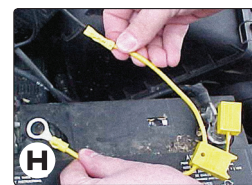
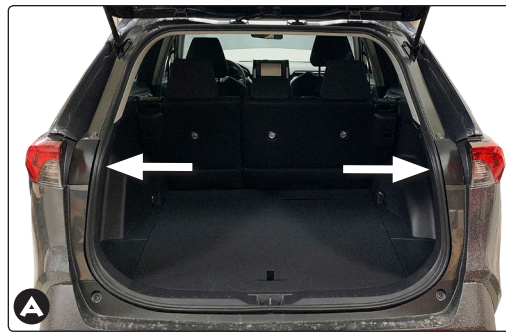


**ALWAYS** read and follow all warnings and instructions included with purchase before beginning installation. Keep for future reference.

**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.



## ENGLISH

### 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 hatch. Temporarily remove the rear threshold plate, privacy screen, storage covers and floor covering. Open rear door and fold rear seat forward. **A B C**
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 remove the panels. Set aside all items removed being careful not to damage parts. **D E**
3. On the driver and passenger sides of the vehicle, locate the vehicle's taillight wiring harness. 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-Connector end, with the **yellow** wire, between the vehicle wiring connectors and lock into place. Ensure that the connectors are fully inserted with locking tabs in place.
5. Route the connector containing the **green** wire down the threshold to the passenger side of the vehicle. On the passenger's side, insert the T-One® T-Connector end, with the **green** 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.

6. Locate a suitable grounding point near the connector such as the vehicle's frame or crossmember. (Do not drill into vehicle floor or bed.) 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.

7. 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.

8. 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. Connect the other end of the fuse holder to the black 12 ga. wire, using the yellow butt connector (provided). **G H I**

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

#### ⚠️ 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.

10. 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.
11. 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.

#### NOTE

Store 4-Flat connector in rear cargo area when not in use. When in use pull 4-Flat through the door and close.

#### ⚠️ WARNING

Be careful not to pinch harness in door latch.

12. Replace both access panels, spare tire cover, cargo floor hatch & cargo nets removed during installation.



#### ⚠️ WARNING

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