

INSTALLATION MANUAL

Level of Difficulty

Difficult

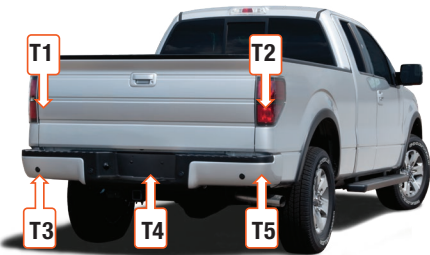
Installation difficulty levels are based on time and effort involved and may vary depending on the installer level of expertise, condition of the vehicle and proper tools and equipment.

Wiring Location(s)

T1 and T2

Wiring Location Guide* for Trucks (T)

T1	Behind driver side taillight housing
T2	Behind passenger side taillight housing
T3	Behind driver side rear bumper
T4	Behind center of rear bumper fascia
T5	Behind passenger side rear bumper



* Representative vehicle shown

Tools Required

Ratchet	Extension, 6"
Drill	Torx bit, T-25
3/32 drill bit	Phillips screwdriver
Fish wire	Flathead screwdriver
Wire cutters	Wire crimpers
Test light	

⚠ WARNING

Do not exceed product rating or tow vehicle lamp load rating, whichever is lower.

Be sure not to lay tools across the positive terminal (typically noted with red covers or a red '+' symbol). This can cause a ground to short leading to sparks and/or electrical shocks.

Product Photo



NOTICE

Before you begin installation, read all instructions thoroughly.

Proper tools will improve the quality of installation and reduce the time required.

All steps must be followed to ensure the product will function properly. Once installed, test for proper function by using a test light or connecting a properly wired trailer.

Maintenance

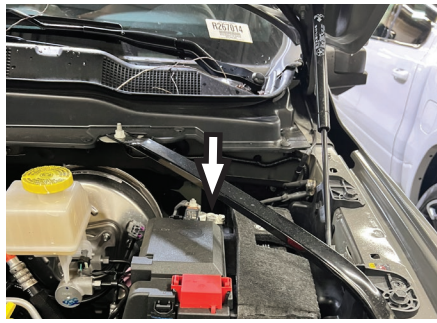
Periodic inspection of all wires and connections should be performed to ensure there is no visible damage or loose connections.

Step 1

Open hood, locate the vehicle negative battery post. Disconnect the negative battery post, ensure negative battery cable is isolated to protect from creating an electrical system ground.

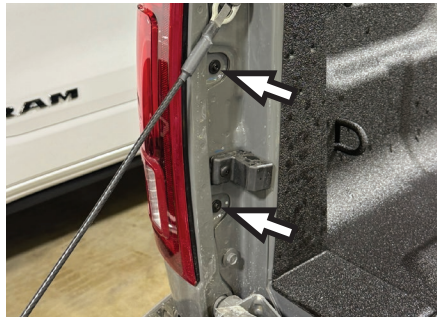
⚠ CAUTION

Grounding of the negative cable to a metal item could cause damage to the vehicles electrical system.



Step 2

Open tailgate. Locate the two taillight mounting screws. Using a T-20 Torx bit remove the retaining screws and pull the taillight straight reward. Disconnect the taillight wiring harness and set taillight aside.

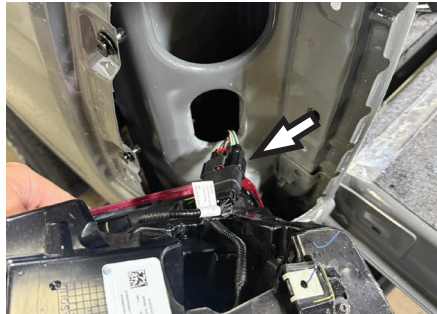


Step 3

Repeat Step 2 for the passenger side taillight removal.

Step 4

Starting underneath vehicle on the driver's side, using fish wire, route the connector with the yellow wire up into the taillight pocket. Connect the RV tow harness into the mating vehicle taillight connectors. Being careful not to break mounting tabs on the connectors, reinstall the taillight into the truck body.



Step 5

Route the connector with the green wire along the bumper and over the hitch to the passenger side taillight pocket. Secure any loose wires with the provided cable ties. Repeat Step 4 for passenger side taillight harness installation.



Step 6

Locate a grounding point such as an existing screw or bolt in the frame of the vehicle or drill a 3/32" pilot hole. The area should be free from rust, dirt, and paint (abrasive pad/paper to remove rust and paint). Secure the white ground wire with the ring terminal on the existing fastener or with the provided ground screw.

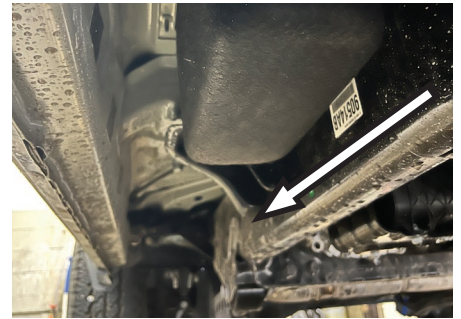
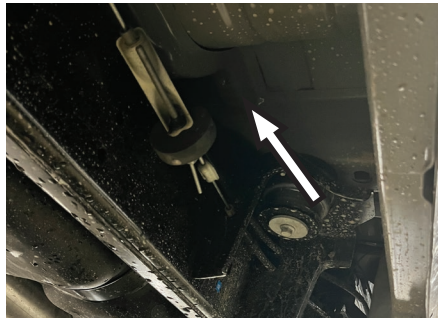
⚠ CAUTION

Check for miscellaneous items that may be hidden behind or under any surface before drilling to avoid damage and/or personal injury



Step 7

On the driver's side, route the 4-way flat forward following the frame to the front of vehicle. When routing the 4-way harness, ensure the harness is not being routed to areas that might pinch, break or cut the wires. The resulting damage could cause a harness failure. Secure the 4-way harness with supplied cable ties.



Step 8

Route the 4-way harness along the driver-side inner fender between the fuse box and the headlight. Ensure, when routing harness to, avoid any areas that can cut or break the 4-way harness wires. Secure the 4-way harness using supplied cable ties.



Step 9

Remove driver's side headlight/radiator plastic cover using a trim panel tool. Remove the plastic securing pins and set panel aside. Route 4-way harness through an opening behind the headlight and down behind the inner grill area. Locate an exit point close to the grill or bumper area.

Step 10

Secure the 4-way flat harness into the bracket (bracket purchased separately).

Step 11

Using the supplied cable ties, check harness to ensure there are no loose areas that could cause damage to the harness. Reinstall any items removed during harness installation. Reconnect the vehicle's negative battery cable.

NOTICE

Once the RV harness has been installed verify the harness is functioning by using a test light, multimeter, or attaching the 4-way flat to tow vehicle.