

INSTALLATION MANUAL

Level of Difficulty

Easy

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)

Under dash, 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

Panel removal tool	Fish wire
Ratchet	3/32" drill bit
Socket 10mm	Cutting tool
Electrical tape	--

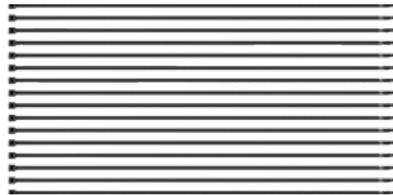
⚠ WARNING

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

Product Photo



Hardware 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

Locate the vehicle battery in the engine compartment (on both sides for diesel trucks and typically on the passenger side for gas trucks). Disconnect the negative battery terminal. Be sure to fasten this wire down and away from the battery while completing the installation process.



Step 2

Open the tailgate. Use a 10mm socket to remove the four taillight screws from both taillights.



How to Fishwire

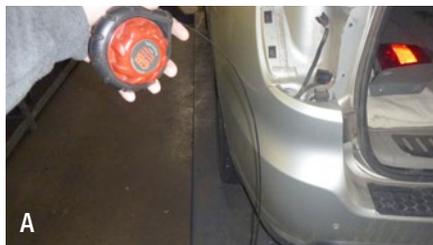
A) Fish wire is a way to push or pull an electrical wire through a blind hole. Make sure the wire is long enough to stick out on the other side.

Insert the fish wire through the blind hole and locate it on the other side.

B) Use tape to secure the harness to the fish wire and pull back up.

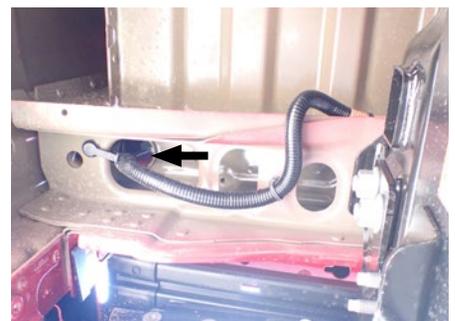
The fish wire or harness may get hung up on something, if this happens you may have to push back down, wiggle it around or twist the wire to loosen it from what it's hung up on.

Fish wire could be anything from a cut-up wire hanger, stiff wire, rope or string depending on what is needed for the installation.



Step 3

Starting on the driver side, remove the black housing top and bottom of the taillight, taking care not to damage the locking tabs. Using a fish wire, route the yellow wire side of the harness up from below the vehicle into the taillight cavity. Install one of each housing into the mating connector on the taillight and the other housing mates to the factory vehicle harness.

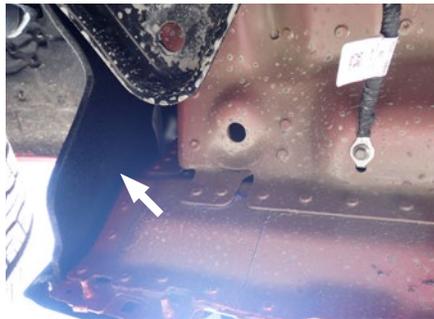


Step 4

Route the harness end with the green wire under the vehicle box along the top side of the bumper to the passenger side and repeat step 3.

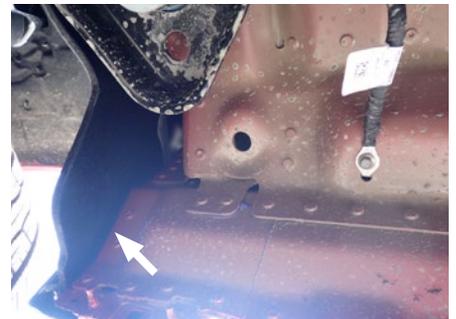
Step 5

Route the 4-flat wire along the frame on the passenger side above the drive line and out of the rear suspension to the rear of the passenger side of the front tire. Loosely zip tie as needed but leave room for adjustments until fully installed.



Step 6

Using a fish wire, route it down along the inner fender and outer fender. From under the vehicle, pull back the inside of the wheel well lining and locate the fish wire. Feed the 4-flat wire up into the engine compartment using the fish wire.



Step 7

Route the 4-flat along the passenger-side inner fender to the front of the truck.



Step 8

Pull all of the excess wire so that it is not drooping or dangling but not too tight this can cause unnecessary strain to the wire and could cause a breakage over time. After removing slack from the 4-flat wire, tighten any zip ties and add as needed. Use zip ties to fasten any excess wire to a solid spot along the firewall.