

INSTALLATION INSTRUCTIONS

⚠ WARNING: DO NOT EXCEED PRODUCT RATING OR TOW VEHICLE LAMP LOAD RATING, WHICHEVER IS LOWER

APPLICATIONS

Make	Model
Jeep	Compass

WIRING LOCATION GUIDE

SUVs, MINI & FULL-SIZED VANS (S)

Representative vehicle shown below

S1 - Behind driver side taillight housing

S2 - Behind passenger side taillight housing



NOTICE

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

TOOLS NEEDED

Ratchet	Flat blade screwdriver
Ratchet extension	Fish wire
8mm socket	Panel trim removal tool
T-30 Torx bit	

WARNING

The battery connection must be fuse-protected, 10-amp max. Exceeding the product rating can cause loss of warranty, overheating and potential fire. Do not exceed product rating or tow vehicle lamp load rating, whichever is lower.

Signal Circuits - 6.0 amps per side

Tail / Running Circuits - 6.0 amps total

Check vehicle owner's manual or contact the vehicle manufacturer for more information.

INSTALLATION / SAFETY INSTRUCTIONS

Step 1

Open the rear hatch. Starting on the driver side, using a flat screwdriver, remove the plastic caps covering the screws securing both taillight assemblies to the vehicle (A). Remove the fasteners from the taillight (B).

Step 2

Using a soft pry tool on the leading edge of the taillight, remove the taillight by gently pulling away from the vehicle

Step 3

Locate the vehicle factory wiring harness connectors (C). The connectors will be similar to those on the RV harness. Separate the connectors from the taillight housing taking care not to damage the locking tabs. Inspect the connectors for dirt and debris. Clean if necessary.

Step 4

Route the RV harness end with the yellow and brown wires up from underneath the vehicle between the vehicle body and the rear bumper and up through the opening below the removed taillight (D).

Step 5

On the driver side, insert the RV harness end with the yellow and brown wires between the separated connectors. Make sure the connectors are fully inserted with locking tabs in place (E). Secure any loose wires with the provided cable ties.

Step 6


Reinstall the removed taillight.

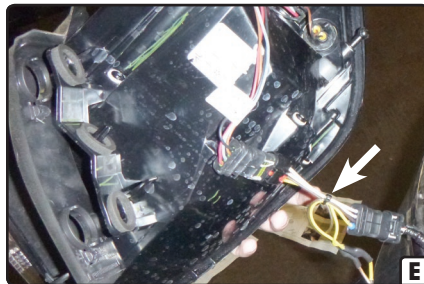
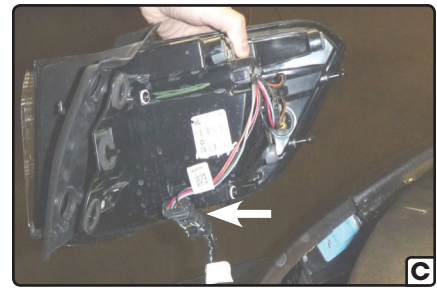
Step 7

Route the RV harness end with the green and brown wires along the bumper frame towards the passenger side. Repeat steps 1-6 on the passenger side using the RV harness end with the green and brown wires. Secure any loose wires with the provided cable ties.

Step 8

Locate a suitable grounding point near the connector such as an existing screw with nut in the vehicle frame or drill a 3/32" pilot hole for the provided screw. The area should be free of rust, dirt and paint. Secure the white ground wire using the ring terminal and provided screw.


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



INSTALLATION / SAFETY INSTRUCTIONS

Step 9

From underneath the vehicle, route the trailer-side 4-flat to the front of the vehicle. Route the 4-flat along the brake lines from the rear of the vehicle to the front. Some trim cover panels may need to be removed to route the 4-flat under the vehicle (F,G,H,I,J). Secure any loose wires with the provided cable ties.


 **WARNING:** Make sure to avoid areas that contain moving parts that could cut, pinch or burn the wires when routing the 4-flat harness to the front of the vehicle. Failure to follow these warnings may cause property damage, personal injury or loss of life.

Step 10

Open the hood. From inside of the engine compartment, route the fish wire between the vehicle chassis and outer fender down to the bottom right of the driver-side wheel well (J). It may be necessary to remove additional clips and / or screws from the wheel well cover. Secure the 4-flat to the fish wire at the other side of the driver-side front wheel well and pull the 4-flat up into the engine compartment (K).

Step 11

Locate a suitable position to mount the 4-flat bracket. Using the bracket as a template mark the two holes and drill two 3/32" holes and attach the bracket using the two remaining screws. Secure the 4-flat to factory wiring harness with cable ties.

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

Step 12

Using the 4-foot RV extension harness, plug one end into the 4-flat mounted in the tow vehicle and the other end to the RV.

Step 13

With the 4-flat extension plugged into the RV harness on one end and the RV on the other, perform a function test. These functions will only work on the brake / taillight combination lamp. When not in use store the 4-flat extension inside the vehicle. 4-flat harness color codes:

White - Ground Green - Right Turn / Brake
Brown - Taillights Yellow - Left Turn / Brake

Step 14

At the rear of the vehicle, secure any loose wires to the vehicle crossmember using the provided cable ties.

Note: This RV harness includes a connection point labeled 'For trailer tow use only: 4-flat harness required.' If you decide to leave your RV harness on the vehicle at all times and want to tow a trailer, simply plug in the 4-flat harness.

Step 15

Reinstall all items removed during install. Install the provided 4-flat dust cover to help prevent corrosion.

