

# INSTALLATION INSTRUCTIONS

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

## APPLICATIONS

Make	Model
Nissan	Juke

## WIRING LOCATION GUIDE

### SUVs, MINI & FULL-SIZED VANS (S)

Representative vehicle shown below

**S3** - Behind driver side rear access panel

**S4** - Behind passenger side rear access panel



## 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	Panel trim removal tool
Ratchet extension	Cutting tool
1/4" socket	Side cutter
3/32" drill bit	Fish wire

## **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 (A). Remove all floor coverings.

## Step 2

Remove the foam storage trays next to the spare tire (B).

## Step 3

Remove the fasteners securing the rear scuff panel. Remove the scuff panel by pulling out on the bottom and then up. Take care not to damage the alignment tabs on the back (C).

## Step 4

Starting on the driver side, carefully pull out on the interior side trim panel to locate the vehicle taillight wiring harness (D,E). 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 on the back.

## Step 5


Insert the RV harness end with the yellow and brown wires between the separated taillight connectors. Make sure the connectors are fully inserted with locking tabs in place. Secure any loose wires with the provided cable ties.

## Step 6

Repeat steps 4-5 on the passenger side using the RV harness with the green and brown wires. Route the RV harness with green and brown wires down behind the interior side trim panel and out to the passenger side behind the removed scuff panel. Use the provided cable ties to secure any loose wires.

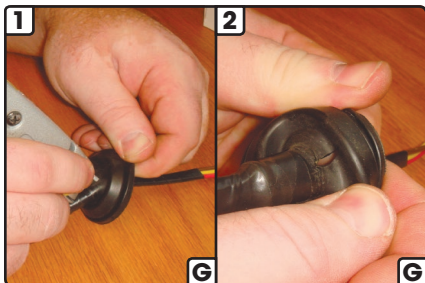
## Step 7

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.

## Step 8


Locate the floor pan grommet to the right of the spare tire in the rear hatch (F). Locate the plastic cover or grommet with wires passing through on the drive-side side wall panel. Remove the grommet and cut a slit large enough to route the RV harness through (G1, G2). Route the RV wiring harness 4-flat end out through the slit in the grommet from inside the hatch out to underneath the vehicle. Reseat the grommet and use the provided sealant to seal the cut and around all the wires.



# INSTALLATION / SAFETY INSTRUCTIONS

## Step 9

Underneath the vehicle, route the trailer-side 4-flat of the RV harness to the front of the vehicle. Route the harness from the rear of the vehicle to the front along the brake lines. Some trim cover panels may need to be removed to route the 4-flat under the vehicle (H,I,J). Secure with cable ties along the way.


 **WARNING:** Make sure to avoid areas that contain moving parts or 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 the engine compartment, route a fish wire down and over the top of the driver-side wheel well. 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 flat position to mount the trailer-end 4-flat bracket. Using the bracket as a template, mark the two holes and drill two 3/32" holes. Attach the bracket using the two provided screws.

 **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

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 in the vehicle.

4-flat harness color codes:

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

## Step 13

If all functions work on the tow vehicle, Reinstall all items removed during install. Install the provided 4-flat dust cover to help prevent corrosion. Use cable ties as needed to secure any loose wires.

**Note:** This RV harness also includes a connection point labeled "FOR TRAILER TOW USE ONLY: CONVERTER #58920 REQUIRED." If you decide to leave your RV harness installed on the vehicle at all times and want to tow a trailer, plug in the 4-flat harness (#58920 sold separately) and you are ready to tow.

