

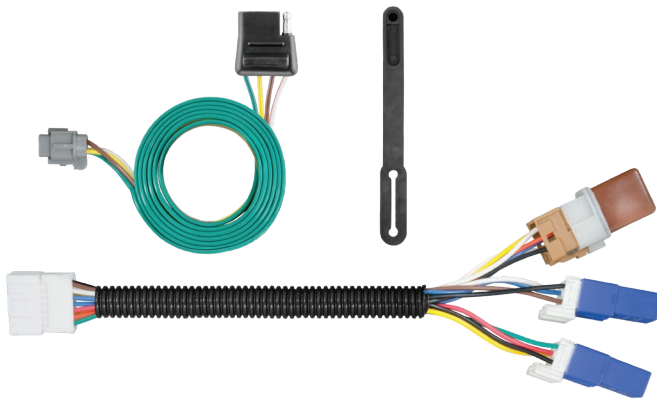
INSTALLATION INSTRUCTIONS

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

APPLICATIONS

Make	Model
Infiniti	QX60
Nissan	Pathfinder

CUSTOM WIRING CONNECTOR



WIRING LOCATION GUIDE

SUVs, MINI & FULL-SIZED VANS (S)

Representative vehicle shown below

S3 - Behind driver side rear access panel

S5 - Behind driver side rear bumper



NOTICE

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

TOOLS NEEDED

Ratchet
10mm socket
Panel trim removal tool

Phillips screwdriver
Cutting tool
Test Probe

⚠ WARNING

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 - 7.5 amps per side

Tail / Running Circuits - 7.5 amps total

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

INSTALLATION / SAFETY INSTRUCTIONS

- Step 1**
Locate the vehicle battery on the driver side under the hood and disconnect the negative battery terminal.
- Step 2**
Open the vehicle tailgate. Open the cargo floor panel and remove the three 10mm bolts securing the cargo storage tray (A).
- Note:** If the vehicle is equipped with a rear subwoofer, carefully remove it by unscrewing the retainer bolt located at the top of the speaker. Once removed, carefully disconnect the speaker connector. Take care not to damage the locking tabs.
- Step 3**
Remove the trim panel located on the back of the cargo storage tray (B).
- Step 4**
Remove the center trim piece of the rear scuff panel (C). Remove the scuff panel by pulling out on the bottom and then up. Take care not to damage the alignment tabs on the back (D).
- Step 5**
Remove the fasteners securing the cargo storage tray in place (E). Locate and remove the push fasteners holding the rear seat covers to the top cargo floor panel (F). Remove the rear cargo storage tray.
- Step 6**
Locate and remove the cargo tie down loops from the side floor panel using a 10mm socket (G). Remove the side floor panel (H).



INSTALLATION / SAFETY INSTRUCTIONS

Step 7

Once the driver's side cargo hook floor panel (H) is removed in the back corner of the side wall panel is the factory harness (I). Before installing the harness install the three relays on to the harness, be sure to pull on the relay to make sure it is seated on the housing (J).

Note: The terminals on the relays will be similar to those on the custom wiring connectors. Make sure the relays are fully inserted with locking tabs in place.

Step 8

Once the relays are in place, connect the two housings of the relay harness into the factory harness, making sure the locking tab is in place.

Step 9

Once all relays are installed, insert the custom wiring connector end into the white vehicle tow / trailer connector. Make sure the connectors are fully inserted with locking tabs in place.

Step 10

Reinstall all items removed during install and reconnect negative battery terminal.

Step 11

Locate and open the vehicle relay box behind the driver-side headlight. Install the remaining two blue relays into the open locations. Make sure that relays are fully inserted. Check the vehicle owner manual for location or contact the vehicle manufacturer for more information.

Step 12


On the passenger side, behind the rear bumper, locate the grey 6-pin tow plug (K,L). Remove the protective cap. Make sure the connector surfaces are clean and free of dirt.

Step 13

Connect the 4-flat to the mating end of the vehicle tow plug. Make sure that the connectors are fully inserted with locking tabs in place (M).

Step 14

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 15

When in use, route the 4-flat to the center of the vehicle and out of the trunk. When not in use, roll up and store in a convenient, out of the way location inside the trunk. Secure any loose wires with the provided cable ties.

Step 16

Reinstall all items removed during install and reconnect the negative battery terminal. Install the provided 4-flat dust cover to help prevent corrosion.

