

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

10mm socket

Ratchet

Panel trim removal tool

Phillips screwdriver

Wire stripper

Cutting tool

⚠ 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.

Stop / Turn Light - 10.0 amps total

Taillights - 10.0 amps total

Backup - 10.0 amps total

Trailer Brakes - 3 Axles / 6 Brakes, 20.0 amps total

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

INSTALLATION / SAFETY INSTRUCTIONS

Step 1

Locate vehicle battery on the driver side under the hood and disconnect the negative battery terminal.

Step 2

Open the vehicle trunk. Fold down the rear seats and remove the floor push fasteners that attach to the rear seats (A).

Step 3

Lift up on the floor cargo storage lid to locate the three 10mm bolts securing the cargo storage unit in place (B).

If equipped with a rear subwoofer

Carefully remove the subwoofer by unscrewing the retainer bolt located at the top of the speaker. Locate the power wire connected to the speaker and carefully disconnect it taking care not to damage the locking tabs. Set the subwoofer aside.

Step 4

Remove the center cover for the 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

Using the trim panel removal tool, remove the push fasteners securing the cargo storage unit in place (E). Remove the cargo storage unit by lifting it up (F).

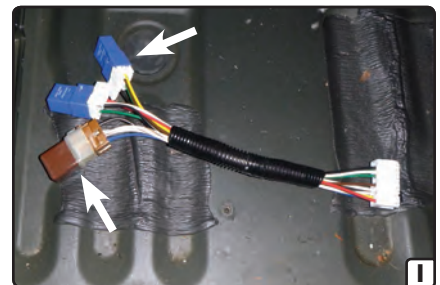
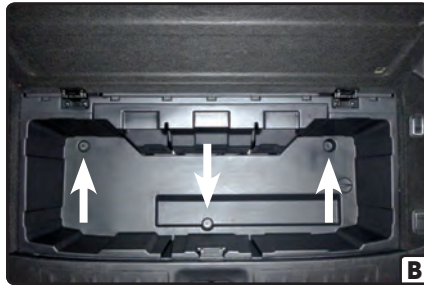
Step 6

Remove the two 10mm bolts from the cargo tie downs securing the side trim panel (G). Using the trim panel removal tool, remove the push fasteners from the side trim panel (H).

Step 7

Locate the custom wiring connector, two blue relays and one brown relay from the custom wiring kit. Carefully insert the relays into the relay harness (I). Ensure that the relays are fully inserted with locking tabs in place.

 **WARNING:** The use of relays not provided in the bag kit can cause the harness to not function properly or may damage the vehicle and trailer.



INSTALLATION / SAFETY INSTRUCTIONS (CONTINUED)

Step 8

On the driver side, under the side trim panel, locate the vehicle wiring connectors (J). The connectors will be similar to those on the custom wiring connector.

Step 9

Insert the custom wiring connector into the vehicle wiring connector. Make sure the connectors are fully inserted with locking tabs in place (K).

Step 10

Underneath the vehicle, locate the vehicle taillight connectors behind the rear bumper (L). The connectors will be similar to those on the custom wiring connector. Remove the protective covers from the vehicle connectors. All connectors surfaces should be clean and free of dirt.

Step 11

Insert the custom wiring connector into the vehicle wiring connector. Make sure the connectors are fully inserted with locking tabs in place.

Step 12

Open the hood of the vehicle to locate the relay box behind the driver-side headlight (M).

Step 13

Open fuse cover and insert the two blue relays from the wiring kit into the open cavities (N). Ensure that the relays are fully inserted with locking tabs in place.

Step 14

Reinstall the fuse cover and close hood. Reinstall all items removed during install and reconnect negative battery terminal.

