

INSTALLATION INSTRUCTIONS

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

APPLICATIONS

Make	Model
Volvo	S90
Volvo	XC90

WIRING LOCATION GUIDE

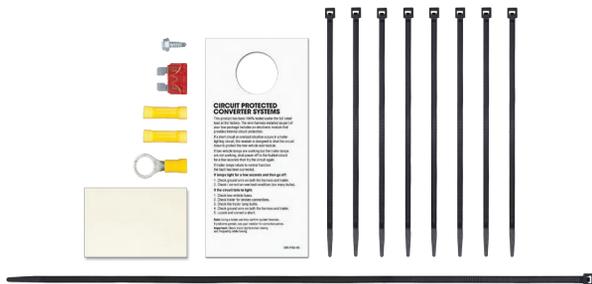
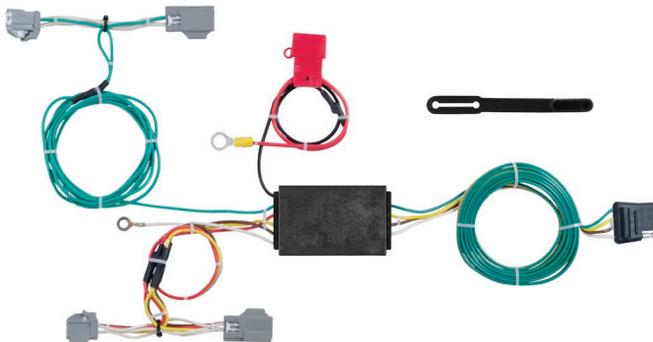
SUVS, MINI & FULL-SIZED VANS (S)

Representative vehicle shown below

S3 - Behind driver side rear access panel

S4 - Behind passenger side rear access panel

CUSTOM WIRING HARNESS



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
10mm socket
8mm socket
Panel trim removal tool
Cutting tool

⚠ 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 - 3.0 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 vehicle trunk. Remove all trunk floor coverings (A).

Step 2

Locate vehicle battery by removing the access panel on the driver side (B). Disconnect the negative battery terminal (C).

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 (D).

Step 4

Starting on the driver side, behind the side trim panel, locate the vehicle taillight wiring harness connectors. The connectors will be similar to those on the custom wiring harness. Separate the connectors from the taillight housing taking care not to damage the locking tabs.

Step 5

Insert the custom wiring harness end with yellow wire between the separated connectors (E). Make sure the connectors are fully inserted with locking tabs in place.

Step 6

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 7

Route the custom wiring harness end with the green wire to the passenger side behind the removed scuff panels.

Step 8

Remove the storage tray from the passenger side (F). Remove the fasteners securing the cargo tie down (G).

Step 9

Pull back on the side trim panel and repeat steps 4 and 5 on the passenger side using the custom wiring harness end with the green wire (H).

Step 10

Locate a flat spot inside the vehicle, near the taillight. Adhere the black converter box using the provided double-sided tape (I).

Step 11

Route the power wire to the battery's positive (+) terminal. Using a 10mm socket, remove the nut on the positive (+) terminal auxiliary stud. Attach the power wire terminal ring and reinstall the nut.

Step 12

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

Step 13

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

