

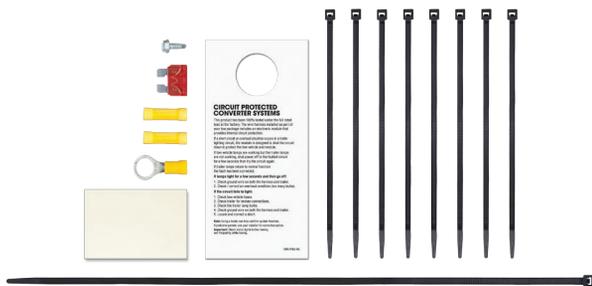
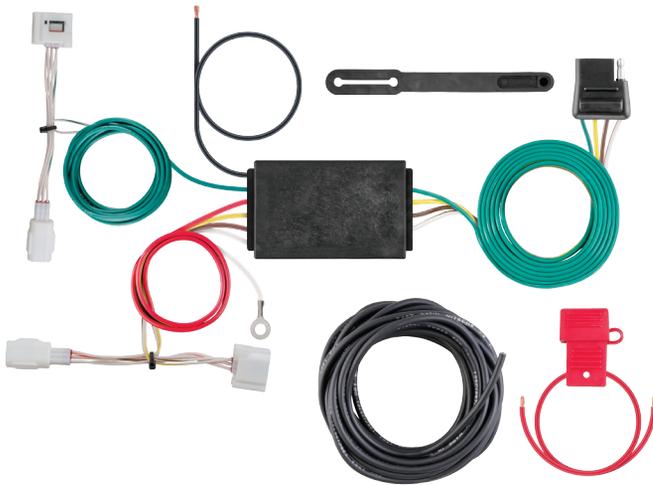
# INSTALLATION INSTRUCTIONS

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

## APPLICATIONS

Make	Model
Mazda	CX-5

## CUSTOM WIRING HARNESS



## 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              | Flat blade screwdriver |
| Ratchet extension    | Wire stripper          |
| 10mm socket          | Wire crimper           |
| Phillips screwdriver | 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 rear hatch. Remove all floor coverings and storage trays (A,B).

## Step 2

Remove the fasteners securing each side 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 3

Starting on the driver side, remove the push fastener and cargo tie down located at the rear of interior side trim panel (E,F). Remove the fastener from the rear seat release handle. Remove the Phillips screw located at the front upper side of the interior side trim panel (G,H,I). Remove the cargo tie down located at the front lower end of the interior side trim panel (J,K).

## Step 4

Using a panel trim removal tool, remove the interior side trim panel. Take care not to damage any alignment tabs on the back side of the panel.

## Step 5

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 (L,M).

## Step 6

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



# INSTALLATION / SAFETY INSTRUCTIONS

## 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

Route the custom wiring harness end with the green wire down behind the interior side panel and out to the passenger side behind the removed scuff panel. Repeat steps 3-6 on the passenger side using the harness end with the green wire.

## Step 9

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

## Step 10

Route the black power wire from the vehicle battery as shown on the included CME-PCL-INS sheet.

## Step 11

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 12

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

