

INSTALLATION INSTRUCTIONS

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

APPLICATIONS

Make	Model
Toyota	C-HR

WIRING LOCATION GUIDE

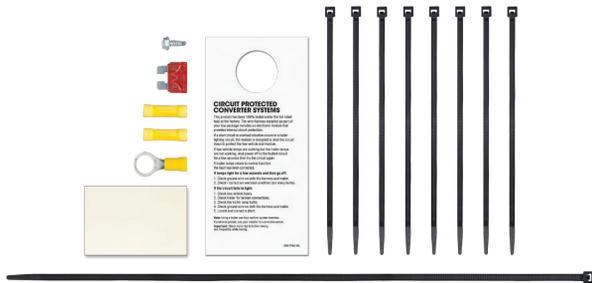
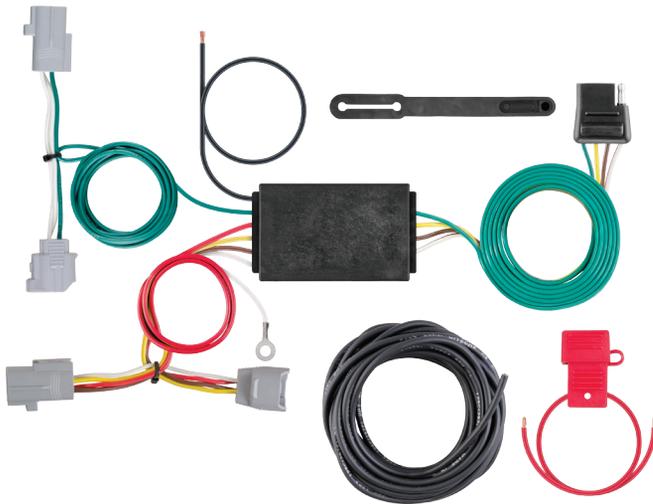
PASSENGER CARS (P)

Representative vehicle shown below

P3 - Behind driver side taillight housing, inside of trunk

P4 - Behind passenger side taillight housing, inside of trunk

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 | Panel trim removal tool |
| Ratchet extension | Wire stripper |
| 10mm socket | Wire crimper |
| Flat blade 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, the spare tire and storage trays (A,B,C).

Step 2

Remove the two cargo tie downs securing the rear scuff panel. Remove the scuff panel by pulling straight up. Take care not to damage the alignment tabs on the back (D,E).

Step 3

Using the panel trim removal tool, open the driver side trim panel (F).

Step 4

Locate the driver side taillight. Begin removal of the taillight by removing the plastic taillight trim cover (G). Locate and remove the two fasteners securing the taillight in place (H). Gently pull rearward to remove the taillight. Take care not to damage the alignment tabs on the back (I).

Step 5

Locate the vehicle taillight wiring harness connectors on the backside of the taillight. 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 (J). Set taillight aside for later installation.

Step 6

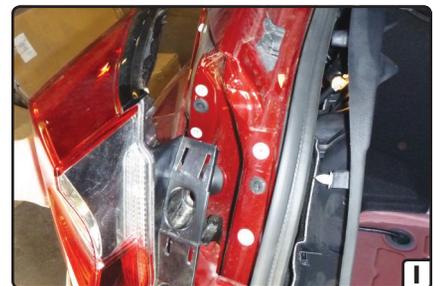
Locate the grommet behind the taillight where the vehicle taillight wiring passes through from inside the cabin to the taillight (K,L). Remove the grommet and cut a slit large enough to route the custom wiring harness through (M1, M2).

Step 7

Route the custom wiring harness end with the yellow wire out through the grommet opening and through the slit in the grommet (M3, M4). 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.

Step 8

Reseat the grommet. Use the provided cable tie to secure the wires passing through the grommet together. Use the provided sealant to seal the cut in the grommet and around all the wires. Reinstall the driver side taillight.



INSTALLATION / SAFETY INSTRUCTIONS

Step 9

Locate a suitable grounding point inside the vehicle near the grommet 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 10

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 3-8 on the passenger side using the harness end with the green wire.

Step 11

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

Step 12

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

Step 13

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 14

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

