

INSTALLATION INSTRUCTIONS

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

APPLICATIONS

Make	Model
Toyota	Sienna (excl. SE)

WIRING LOCATION GUIDE

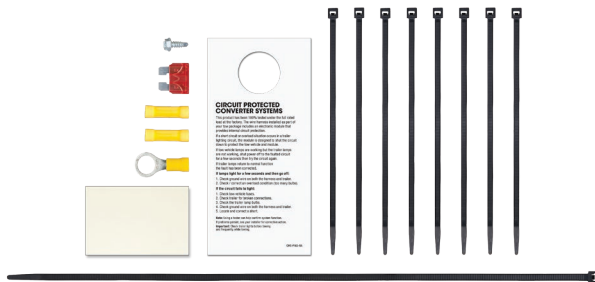
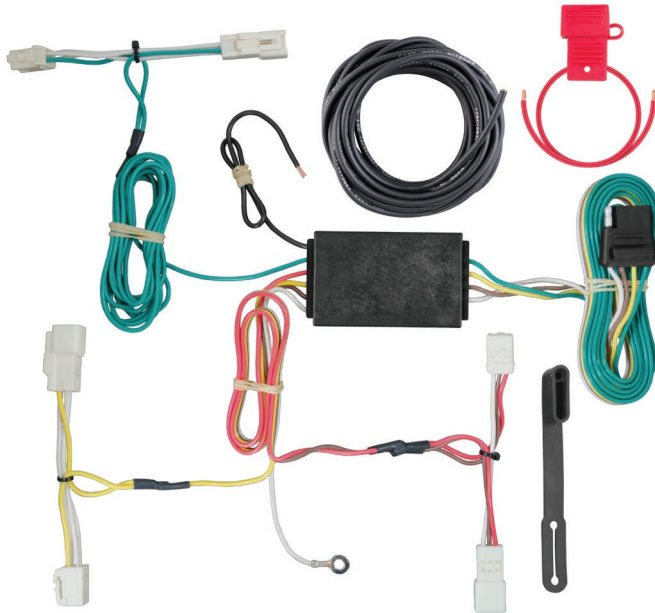
SUVS, MINI & FULL-SIZED VANS (S)

Representative vehicle shown below

S1 - Behind driver side taillight housing

S2 - Behind passenger side taillight housing

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 | Side cutter |
| 10mm socket | Wire stripper |
| Crimping tool | Panel trim removal 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

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

Step 2

Open the vehicle trunk. Remove all trunk floor coverings and storage trays (B).

Step 3

Remove the three cargo hooks securing 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 4

Starting on the driver side, remove the two 10mm bolts securing the taillight assembly (E). Loosen the taillight by gently pulling rearward and out.

Step 5


Locate the vehicle taillight wiring harness connectors behind the taillight (F). 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. Set the taillight aside.

Step 6

Inside the vehicle, pull back on the rear trim panel. Locate the opening that the vehicle taillight wiring harness passes through to connect the taillight (G).

Step 7

Route the custom wiring harness ends with the yellow and red wires out through the opening and insert them between the separated connectors. Make sure the connectors are fully inserted with locking tabs in place (H).

 **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

Locate a suitable grounding point near the connector such as an existing screw with nut in the vehicle's 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.

Step 9

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

Step 10

Route the custom wiring harness end with the green wire to the passenger side behind the removed scuff panels. Repeat steps 4-7 on the passenger side using the harness end with the green wire.

Step 11

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

Step 12

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 13

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

