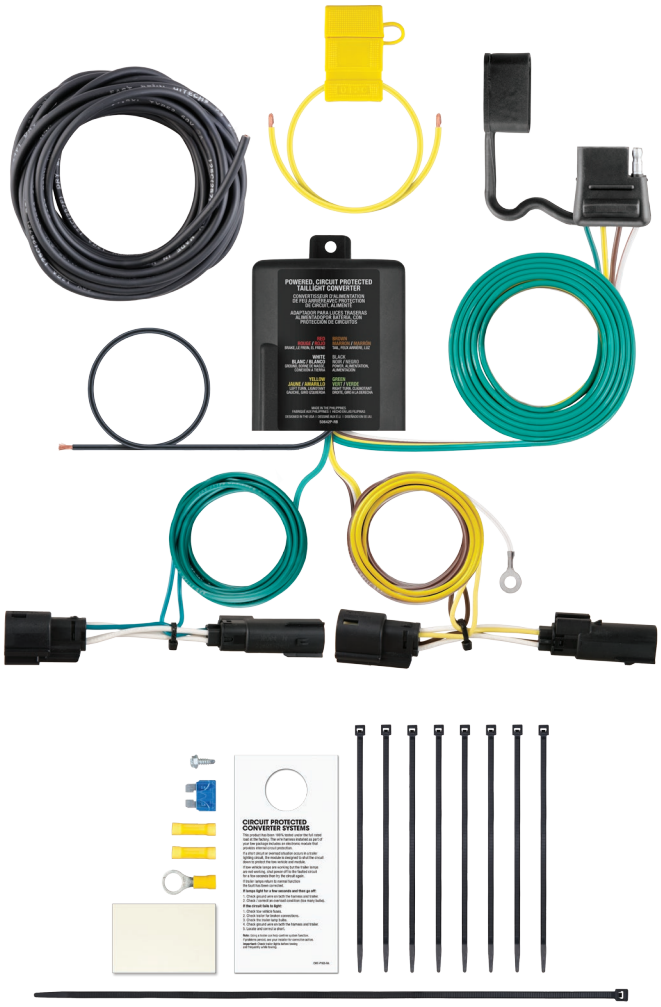
INSTALLATION INSTRUCTIONS

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

APPLICATIONS

Make	Model
Ford	Transit

CUSTOM WIRING HARNESS



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

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

- 6mm socket
- 10mm socket
- 1/4" socket
- T-20 Torx bit
- Ratchet
- Cutting tool
- Flat blade screwdriver
- Panel trim remover tool

⚠ WARNING ⚠

The battery connection must be fuse-protected, 15-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 - 5.0 amps per side
Tail / Running Circuits - 7.5 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 front seat and disconnect the negative battery terminal (A).

Step 2
Open the rear cargo doors (B). Remove the scuff panel by removing the 10mm fasteners (C).

Step 3
Starting on the driver side, remove the two T-20 Torx screws securing the taillight housing (D).

Step 4
Remove the taillight housing to locate the vehicle taillight wiring harness connectors (E). 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
Remove the grommet that the taillight wiring harness passes through from the vehicle (F). Make a cut in the grommet from the middle outwards. Make sure it is large enough to pass the custom wiring harness's housing through.

Step 6
Route the custom wiring harness end with the yellow wire though the grommet. Reseat the grommet using the provided sealant to seal the cut in the grommet and around all the wires.

Step 7
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
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.

WARNING: Check for miscellaneous items that may be hidden behind or under any surface before drilling to avoid damage and / or personal injury.

Step 9
Locate a flat spot inside the vehicle, on the driver side. Adhere the black converter box using the provided double-sided tape (H).

Step 10
Route the custom wiring harness end with the green wire to the passenger side behind the removed scuff panel. Repeat Steps 3-7 on the passenger side using the customer wiring harness end with the green wire (I).

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. 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 negative battery terminal. Install the provided 4-flat dust cover to prevent corrosion.