

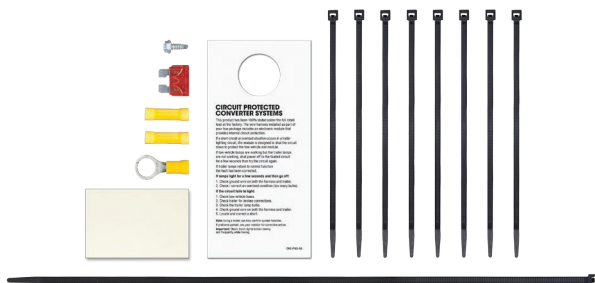
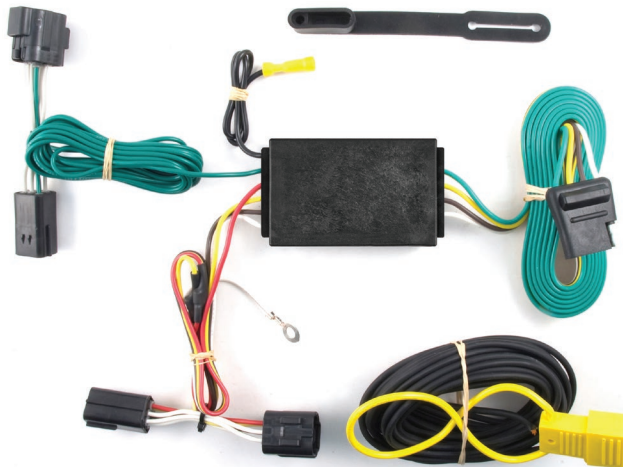
# INSTALLATION INSTRUCTIONS

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

## APPLICATIONS

Make	Model
Ford	Transit Connect

## 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

Phillips screwdriver

Flat blade screwdriver

Panel trim removal tool

Wire stripper

Wire crimper

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 cargo doors. On both side of the vehicle locate two plastic wing nuts securing the taillights in place (A).

## Step 2

Starting on the driver side, remove the taillight assembly to 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 (B).

## Step 3

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 (C).

## Step 4

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

## Step 5


Route the custom wiring harness end with the green wire out through the grommet opening and through the slit in the grommet. Continue to route the green wire out the bottom side of the vehicle along the existing wiring harness to the passenger side (E). Route the green wire through the passenger side grommet. Repeat steps 2-3 on the passenger side using the green wire.

## Step 6

Reseat the grommet using the provided sealant to seal the cut in the grommet and around all the wires.

## 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

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

## Step 9

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

## Step 10

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 11

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

