

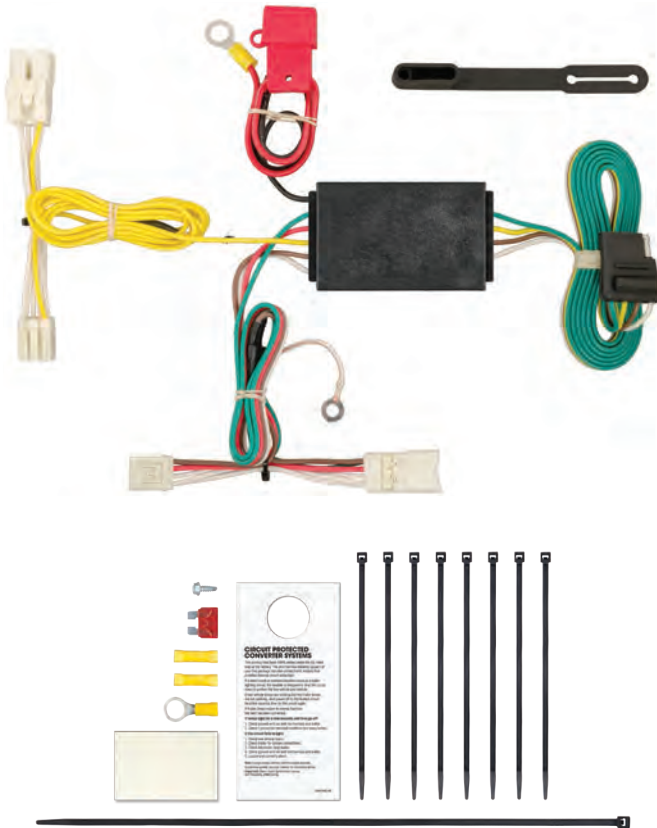
# INSTALLATION INSTRUCTIONS

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

## APPLICATIONS

Make	Model
Hyundai	Sonata Hybrid

## CUSTOM WIRING HARNESS



## 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



## 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

10mm socket

Phillips screwdriver

Panel trim removal tool

Wire crimper

## ⚠ 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

Remove all trunk floor coverings (A,B).

## Step 2

Locate vehicle's battery in the trunk, on the passenger side, under the plastic cover and disconnect the negative battery terminal (C).

## Step 3

Starting on the passenger side, remove the push fasteners, cargo fastener and Phillips screw from the felt liner (D).

## Step 4


Remove the fasteners securing the rear scuff panel. Remove the scuff panel by pulling out on the bottom and then up (E).

## Step 5

Pull back on the felt liner to locate the vehicle taillight wiring harness connectors (F). The connectors will be similar to those on the T-connector harness. Separate the connectors from the taillight housing taking care not to damage the locking tabs (G).

## Step 6

Insert the T-connector end with the green wire 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 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.

## Step 8

Route the power wire to the battery's positive (+) terminal. Using a 10mm socket, remove the nut on the positive (+) terminal's auxiliary stud. Attach the power wire terminal ring and reinstall the nut.

## Step 9

Route the T-connector end with the yellow wire to the driver side behind the removed scuff panel. Repeat Steps 6 and 7 on the driver's side using the T-connector end with the yellow wire. Secure any loose wires with the provided cable ties.

## Step 10

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

## Step 11

Install the provided 10 amp fuse in the fuse holder and test using 4-flat and test light or a properly wired trailer.

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

