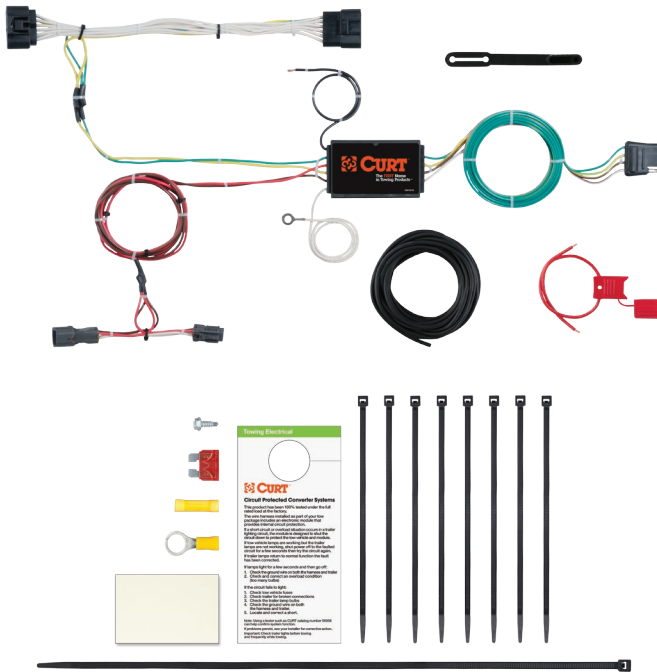


INSTALLATION INSTRUCTIONS

56251 APPLICATIONS

Make	Model
Kia	Sportage

VEHICLE-TO-TRAILER WIRING HARNESS



WIRING LOCATION GUIDE

SUVS, MINI & FULL-SIZED VANS (S)

Representative vehicle shown below

S1 - Behind driver side taillight housing

S5 - Behind driver side rear bumper



NOTE

All steps must be followed to ensure the CURT wiring harness will function properly. Once installed, test for proper function by using a test light or connecting a properly wired trailer.

TOOLS NEEDED

10mm socket

1/4" socket

Ratchet

Crimping tool

Panel trim removal tool

Cutting tool / Utility knife

Phillips screwdriver

Wire stripper

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's lamp load rating, whichever is lower.

Signal Circuits - 3.0 amps per side

Tail / Running Circuits - 6.0 amps total

INSTALLATION

Step 1

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

Step 2

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

Step 3

Remove the fasteners securing the rear scuff panel (C). Remove the scuff panel by pulling out on the bottom and then up (D). Take care not to damage the alignment tabs located on the back side.

Step 4

Starting on the driver side, remove the three Phillips screws from the side trim panel (E).

Step 5

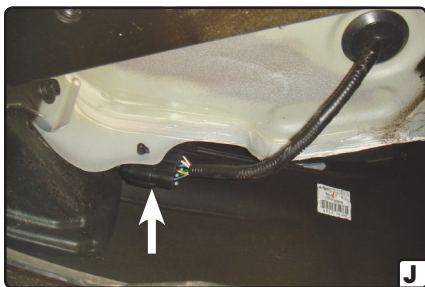
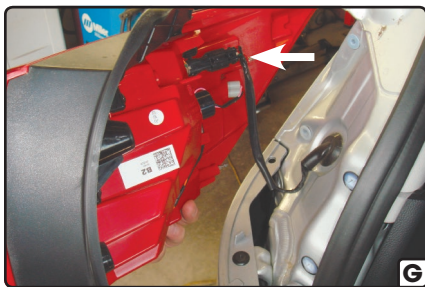
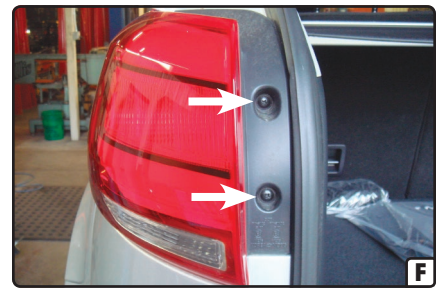
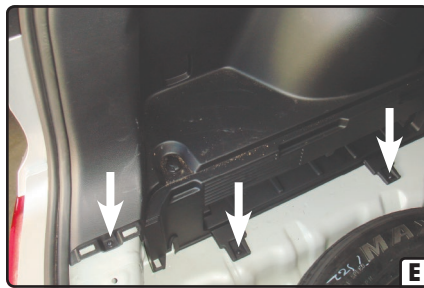
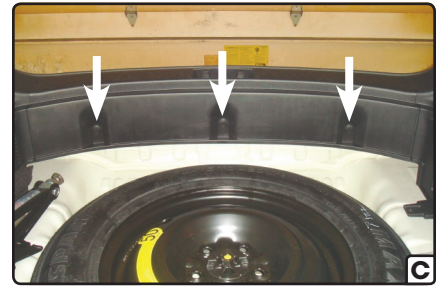
Remove the two Phillips screws securing the taillight housing (F). Remove the taillight by gently pulling rearward and out.

Behind the taillight housing is the connection for the taillight's wiring harness (G). Separate the connectors from the taillight housing taking care not to damage the locking tabs. Place the taillight housing to the side for later use.

Step 6

Locate and remove the two push fasteners underneath the vehicle, on the driver side, behind the tire (H). Remove the dust cover panel to access the vehicle's wiring harness (I, J).

Instructions continued on page three



INSTALLATION CONTINUED

Step 7

For more work space with the connectors, remove the fastener holding the vehicle connectors in place. Separate the connectors from the taillight housing taking care not to damage the locking tabs (K).

Step 8

From inside the vehicle, pull back on the side trim panel to locate the grommet that the wiring harness passes through (L).

Remove the grommet and pull up on the vehicle wiring harness so that the disconnected connector underneath the vehicle and grommet are located inside, behind the side trim panel.

Step 9

Insert the CURT wiring harness end with yellow wire into the mating vehicle's connector. Make sure the connectors are fully inserted with locking tabs in place (M).

Step 10

Route the CURT wiring harness end with the yellow, red and brown wires behind the side trim panel and out of the exposed hole. Continue routing the wire up to the new grommet on the CURT wiring harness and seat the grommet.

Step 11

Locate the CURT wiring harness underneath the vehicle. Insert the CURT wiring harness end with yellow wire into the mating vehicle's connector. Make sure the connectors are fully inserted with locking tabs in place (N).

Step 12

Using a piece of stiff wire, route the CURT wiring harness with the brown wire up to the removed driver side taillight (O).

Step 13

Insert the CURT wiring harness end with brown wire between the separated connectors of the taillight housing. Make sure the connectors are fully inserted with locking tabs in place.

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

Step 14

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 15

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

Step 16

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

Step 17

When in use, route the 4-flat out from behind the side trim panel, to the center of the vehicle and out of the cargo area. When not in use, roll up and store in a convenient, out of the way location inside the cargo area. Secure any loose wires with the provided cable ties.

Step 18

Reinstall all items removed during install and reconnect negative battery terminal.

