

INSTALLATION MANUAL

Level of Difficulty

Easy

Electrical Ratings

Signal circuits	3.0-amps per side
Tail / Running Circuits	6.0-amps total

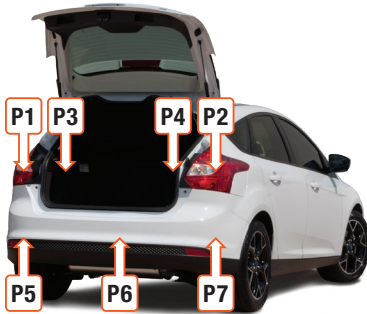
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

Wiring Location(s)

P3, P5, P7

Wiring Location Guide* for Passenger Cars (P)

P1	Behind driver side taillight housing, outside of trunk
P2	Behind passenger side taillight housing, outside of trunk
P3	Behind driver side taillight housing, inside of trunk
P4	Behind passenger side taillight housing, inside of trunk
P5	Behind driver side rear bumper
P6	Behind center of rear bumper
P7	Behind passenger side rear bumper



* Representative vehicle shown

Tools Required

Ratchet	Side cutter
Ratchet extension	Wire crimper
Socket, 1/4"	Wire stripper
Phillips screwdriver	Panel trim removal tool
Utility knife	--

⚠ WARNING

Do not exceed product rating or tow vehicle lamp load rating, whichever is lower.

The battery connection must be fuse-protected, 10-amp max. Exceeding the product rating can cause loss of warranty, overheating and potential fire.

NOTICE

Before you begin installation, read all instructions thoroughly.

Proper tools will improve the quality of installation and reduce the time required.

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

Maintenance

Periodic inspection of all wires and connections should be performed to ensure there is no visible damage or loose connections.

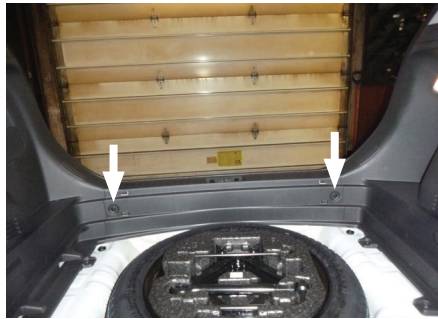
Step 1

Open the vehicle's trunk / rear door.
Remove all trunk floor coverings.



Step 2

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



Step 3

Starting on the driver side of the trunk, remove the fasteners from the side trim panel.

Pull back on the plastic side wall to locate the vehicle taillight wiring connectors. The connectors will be similar to those on your new custom wiring product. Separate the connectors from the taillight housing taking care not to damage the locking tabs.



Step 4

Insert the custom wiring end with red wire between the separated connectors. Make sure the connectors are fully inserted with locking tabs in place.

Step 5

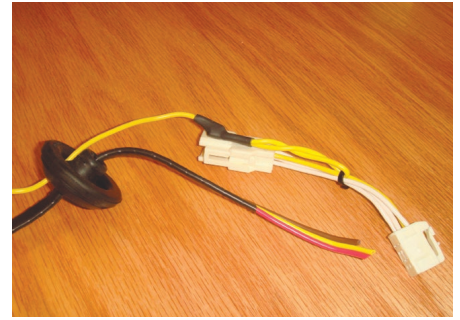
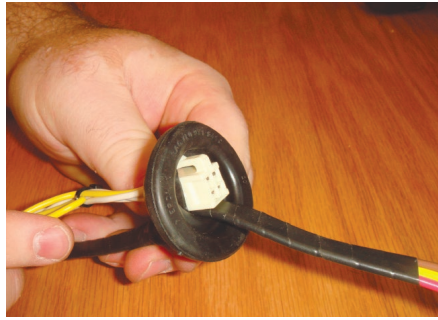
On the trunk floor, remove the grommet from which the vehicle taillight wiring harness is passing through from the inside of trunk to underneath the vehicle



Step 6

Remove the grommet and cut a slit large enough to route the new custom wiring end though.

Route the custom wiring end with the yellow and green wires out through the grommet opening and through the slit in the grommet from the trunk out to the taillight connector.



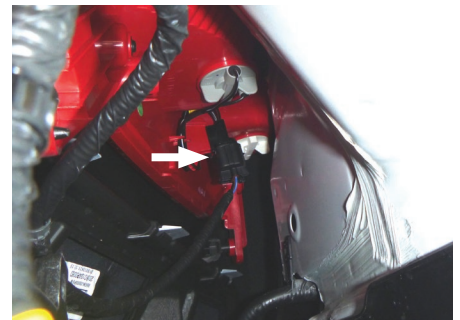
Step 7

Locate the vehicle taillight turn signal connector underneath the vehicle behind the tire. The connectors will be similar to those on the custom wiring connector. Separate the connectors taking care not to damage the locking tabs.

Insert the custom wiring end with yellow wire between the separated connectors. Make sure the connectors are fully inserted with locking tabs in place.

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

Secure any loose wires with the provided cable ties.



Step 8

Loosen the passenger-side side wall panel, route the custom wiring end with the green wire to behind the removed scuff panels. Repeat steps 5 through 7 on the passenger side.

Step 9

On the driver side behind the side wall panel, 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 10

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

Route the black power wire from the vehicle battery as shown on the last page of this manual.

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.

Reinstall all items removed during install. If it was disconnected at the beginning of the installation, reconnect the negative battery terminal. Install the provided 4-flat dust cover to help prevent corrosion.

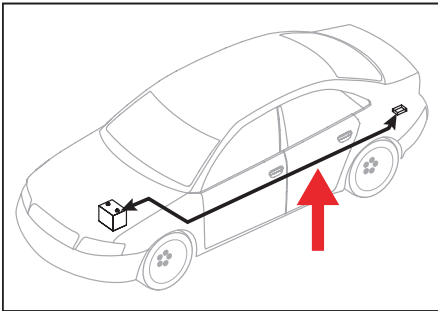
POWERED CONVERTER LEAD INSTRUCTION SHEET

NOTICE AVIS / AVISO

Illustrations are for reference only. Battery location may differ depending on the vehicle.

WARNING

To avoid personal injury or property damage, check for miscellaneous items that may be behind or under any surface before drilling.



NOTICE

1. This converter system is to be used only on 12 volt negative ground systems.
2. Secure power wire to vehicle chassis using cable ties provided.
3. When passing the power wire through sheet metal, use an existing grommet, add a grommet or use silicone to protect the power wire from sharp edges.
4. Overall T-connector design may differ from illustration. The illustration should be used for power lead instruction only. Illustration is not to scale.

WARNING

Route 12 GA wire to vehicle battery location, taking care to avoid any pinch points and hot or rotating components.

