

INSTALLATION MANUAL

Level of Difficulty

Easy

Electrical Ratings

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

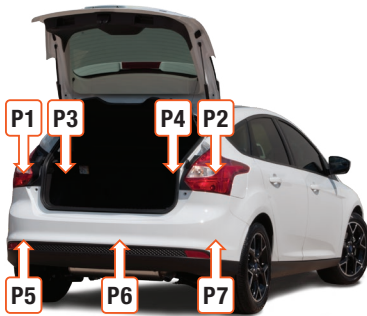
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

Wiring Location(s)

P3 and P4

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

Panel trim removal tool	Cutting tool
Phillips screwdriver	Wire stripper
Electrical tape	Wire crimper

⚠ 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

Locate the vehicle battery. Look up the battery location in the owner's manual of your vehicle. Disconnect the negative battery terminal. Be sure to fasten this wire down and away from the battery when completing the installation process.



Step 2

Open the vehicle trunk. Remove the floor covering exposing the spare tire.

On the rear scuff panel, there are two cargo hooks that screw into place remove these cargo hooks. Use the panel trim removal tool to loosen the push fasteners under the scuff panel.



Step 3

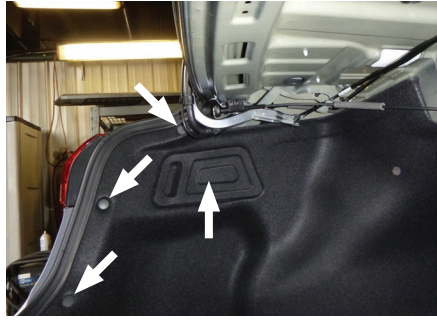
Remove the Philips head screw on the floor of the trunk on both sides



Step 4

Remove the taillight access covers.

Use the panel trim removal tool to remove the three push fasteners in the felt liner on each side.



Step 5

On the driver side, fold back the felt trunk liner and disconnect the taillight from the factory wiring harness. Install the custom wiring harness with the yellow wire.



Step 6

Locate a flat clean surface that is out of the path of spray and debris from the rear wheels and road. Adhere the black converter box using the provided double-sided tape. Failure to mount the box in a protected area can cause loss of warranty, product failure, overheating and potential fire.

Locate a grounding point near the box such as an existing screw or bolt in the frame of the vehicle or drill a 3/32" pilot hole. The area should be free from rust, dirt, and paint (abrasive pad/paper to remove rust and paint). Secure the white ground wire with the ring terminal on the existing fastener or with the provided ground screw.



CAUTION

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

Step 7

Route the custom wiring end with the green wire to the passenger side under the felt liner and scuff plate to the passenger side.

Repeat step 4 and 5 on the passenger side with the green wire.
Secure any loose wires with the provided cable ties.

Step 8

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

NOTICE

Once the 12 volt power wire is connected to the harness verify that the harness is functioning by attaching the battery and testing with a test light, 4-flat tester, or a functioning trailer.

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

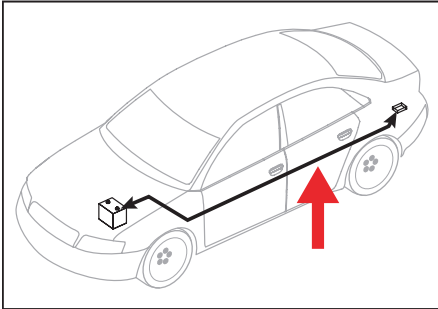
Illustrations are for reference only. Battery location may differ depending on the vehicle.

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.

Vehicle battery

