

# INSTALLATION MANUAL



## Level of Difficulty

Easy

## Electrical Ratings

Signal circuits	5.0-amps per side
Tail / Running Circuits	7.5-amps total

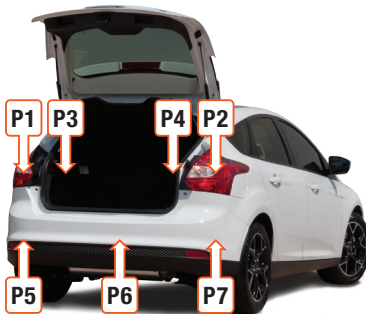
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

## 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

Ratchet	Panel trim removal tool
Socket, 10 mm	Cutting tool
Socket extension	Wire crimper
Flathead screwdriver	Wire stripper
Electrical tape	--

## ⚠ WARNING

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

The battery connection must be fuse-protected, 15-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.



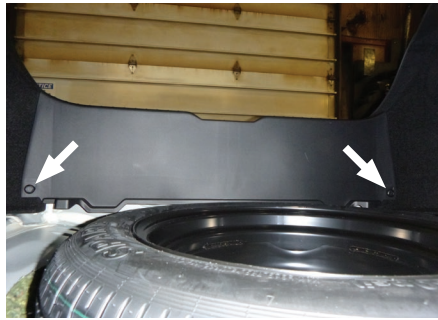
## Step 2

Open the vehicle trunk. Remove the floor covering and rear cargo area cover. Remove both side covers.

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.

If installing on a hatchback, complete steps 3A through 7A.

If installing on a sedan, proceed to page 4 and complete steps 3B through 7B.



## Step 3A: Hatchback

On the driver side, use the panel trim removal tool to loosen the plastic trim at the top of the felt sidewall. Release and remove the push fastener located just under this trim using the panel trim removal tool. Remove the two push fasteners securing the side panel to the vehicle, located just under the scuff panel.

Repeat this process on the passenger side.

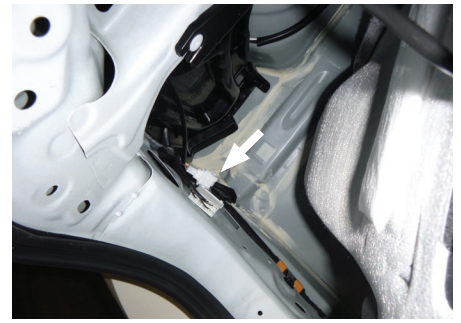


#### Step 4A: Hatchback

On the driver side, pull back on the felt liner 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.

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

If installing on a sedan, proceed to step 6.

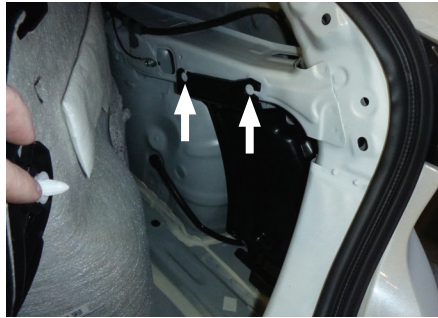


#### Step 5A: Hatchback

Route the custom wiring end with the green wire to the back of the vehicle on the passenger side.

Pull back the side wall covering and use the panel trim removal tool to release the two panel fasteners. Remove this panel, and pull the sound damp material to the side to expose the passenger-side taillight harness. Separate the connectors from the taillight housing taking care not to damage the locking tabs.

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



#### Step 6A: Hatchback

On the driver side, locate a flat spot behind the trunk liner. Adhere the black converter box using the provided double-sided tape.

#### Step 7A: Hatchback

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

#### NOTICE

Once 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.

### Step 3B: Sedan

On the driver side, just under the skid plate, remove the push fasteners securing the side panel to the vehicle.

Repeat this process on the passenger side.



### Step 4B: Sedan

On the driver side, pull back on the felt liner 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.

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

If installing on a sedan, proceed to step 6.



### Step 5B: Sedan

On the driver side, locate a flat spot behind the trunk liner. Adhere the black converter box using the provided double-sided tape.

### Step 6B: Sedan

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

#### **NOTICE**

Once 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.

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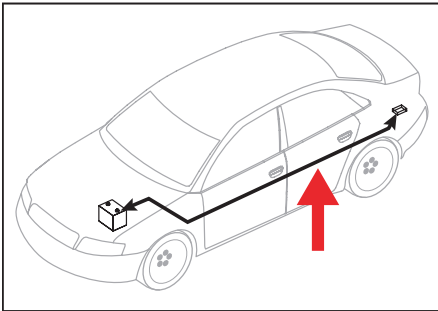
# POWERED CONVERTER LEAD INSTRUCTION SHEET

## 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.

Vehicle battery

