# **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	

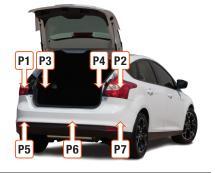
the vehicle manufacturer for more information.

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

#### **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 trunk and remove the floor coverings.





#### Step 3

Using a 10mm socket, remove the two cargo tie-downs in the trunk scuff panel (shown with red arrow).

Use the panel trim removal tool to remove the three push fasteners securing the rear scuff panel. (shown with blue arrow). 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 4

Starting on the driver side, use the panel trim removal tool to remove the two push fasteners securing the trunk liner in place. Remove the cargo hook just inside the trunk by pressing in on the two tabs and pulling away from the trunk wall.

Repeat this process on the other side of the vehicle.





#### Step 5

Starting on the driver side, pull back on the trunk 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 wire harness end with the yellow wire between the separated connectors. Make sure the connectors are fully inserted with locking tabs in place.



#### Step 6

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

Locate a suitable grounding point in between the driver-side taillight wiring and the trunk opening. Use a 10mm socket to remove the grounding bolt. The area should be free of rust, dirt and paint. Secure the white ground wire using the ring terminal and provided screw.

#### **▲** CAUTION

Make sure all of the items that were originally attached to this ground point are still attached. This will cause an electrical component to not work correctly.





#### Step 7

Route the custom wiring harness end with the green wire to the passenger side behind the removed scuff panel.

Repeat Step 4 on the passenger side with the green wire.



#### Step 8

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.

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.

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.

### **POWERED CONVERTER LEAD INSTRUCTION SHEET**

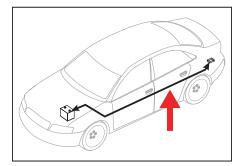


NOTICE

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



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



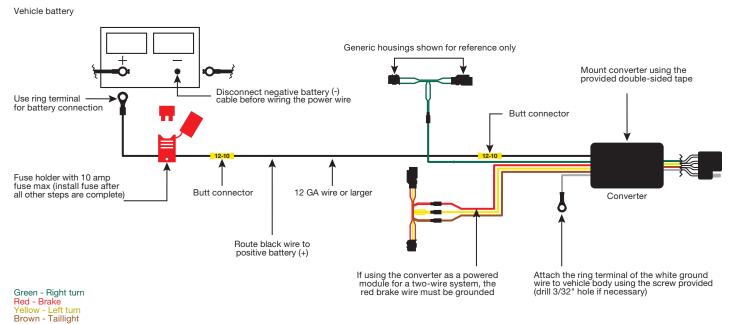
## 

- 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.



**AVERTISSEMENT / ADVERTENCIA** 

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



wn - Taillight