

INSTALLATION MANUAL

Level of Difficulty

Easy

Electrical Ratings

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

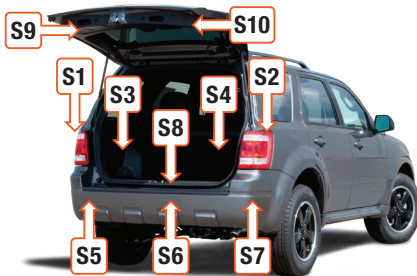
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

Wiring Location(s)

S6 and T4

Wiring Location Guide* for SUVs and Vans (S)

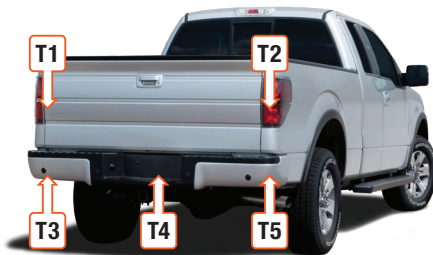
S6 Behind center of rear bumper



* Representative vehicle shown

Wiring Location Guide* for Trucks (T)

T4 Behind center of rear bumper fascia



* Representative vehicle shown

Tools Required

| | |
|--------------|----|
| Cutting tool | -- |
|--------------|----|

⚠ 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.

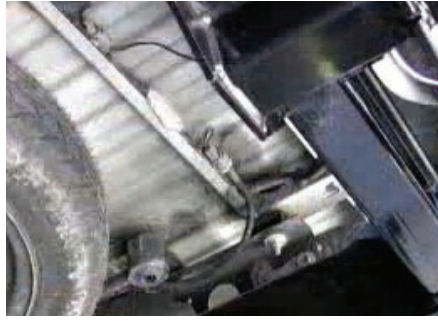
All steps must be followed to ensure the product will function properly. Once installed, test for proper function by using a test light or connecting a properly wired trailer.

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 taillight wiring harness connectors under the vehicle behind the spare tire. The connectors will be similar to those on the custom wiring harness. Separate the connectors from the taillight housing taking care not to damage the locking tabs.



Step 2

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



Step 3

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.

Step 4

Locate a flat spot near the vehicle factory plug. Adhere the black converter box using the provided double-sided tape.



Step 5

Route the 4 flat to the center of the vehicle near the hitch. 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.

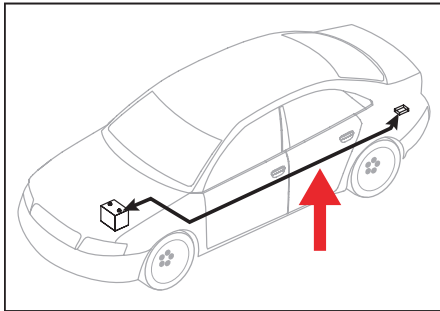
POWERED CONVERTER LEAD INSTRUCTION SHEET

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.

