

Level of Difficulty

Difficult

Installation difficulty levels are based on time and effort involved and may vary depending on the installer level of expertise, condition of the vehicle and proper tools and equipment.

Electrical Ratings

Signal circuits	5.0-amps per side
Tail / Running Circuits	7.0-amps total

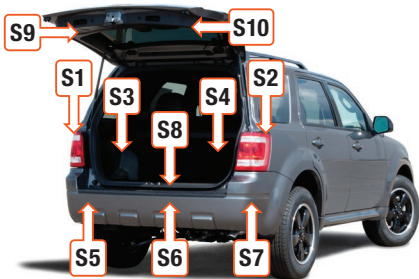
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

Wiring Location(s)

S3 and S4

Wiring Location Guide*
for SUVs and Vans (S)

S1	Behind driver side taillight housing
S2	Behind passenger side taillight housing
S3	Behind driver side rear access panel
S4	Behind passenger side rear access panel
S5	Behind driver side rear bumper
S6	Behind center of rear bumper
S7	Behind passenger side rear bumper
S8	Under rear floor panel
S9	Behind driver side rear access panel
S10	Behind passenger side rear access panel



* Representative vehicle shown

Tools Required

Ratchet	Phillips screwdriver
Extension, 6"	Trim panel tool
10mm socket	Wire cutter
10 mm wrench	Wire crimper
Drill	Wire stripper
Drill bit, 3/32"	Test Light

⚠ WARNING

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

Be sure not to lay tools across the positive terminal (typically noted with red covers or a red '+' symbol). This can cause a ground to short leading to sparks and/or electrical shocks.

The battery connection must be fuse-protected, 15-amp max. Exceeding the product rating can cause loss of warranty, overheating and potential fire.

Product Photo



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 Hatch, remove floor coverings and privacy panel, being careful to not break or damage any locking tabs or pins. Set removed items aside.



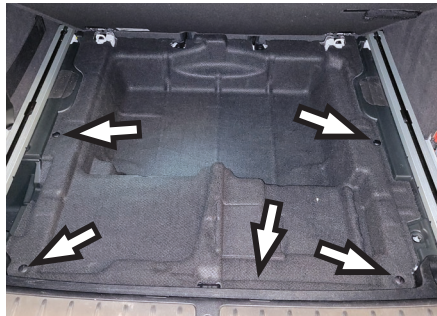
Step 2

Using a trim panel tool, remove the rear side cargo panel from driver's side. Once the side cargo panel has been removed, locate the vehicles taillight wiring connector. Ensure no mount tabs or pins are damaged in panel removal. Repeat for the passenger's side cargo trim panel removal.



Step 3

Remove plastic retaining pins from the lower battery floor covering. Remove pins using a trim panel tool and set battery floor panel aside.



Step 4

Disconnect the negative battery cable using a 10mm socket. Isolate negative battery cable and ensure cable does not touch any metal objects to create a ground.

CAUTION

Grounding of the negative cable to a metal item could cause damage to the vehicles electrical system.



Step 5

Locate and disconnect the taillight wire harness connector, being careful to not damage locking tabs. Insert the connector the with the yellow and red wires into the mating taillight and vehicle harness.



Step 6

Locate a clean and flat area near the driver's side taillight connector behind the side panel. Using the supplied double-sided tape mount the lighting modules box with the epoxy pointing down.

Step 7

Route the connector with the green wire underneath the cargo hook mount and towards the battery. Route green wire along the threshold to the passenger's side underneath passenger's side cargo hook mounting rails and up and behind the Passenger side trim panel.



Step 8

Repeat step 5 to connect the connector with the green wire to passenger's side taillight to the lighting module harness.

Step 9

Route the black 12 ga power wire and white 16 ga ground wire underneath the cargo hook mounting rail to the battery compartment in the center of the rear cargo area.

Step 10

After ensuring there is no fuse in the fuse holder, connect the white 16ga ground wire to the negative side of the battery, and route the black 12 ga power wire over to the positive side of the battery.

Using a 10mm socket connect the black lighting module power to the battery, and insert a 15-AMP fuse from the hardware into the fuse holder.

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, multimeter, or a functioning trailer.

When in use, route the 4-flat with the center of the vehicle, and out of the hatch to the trailer be sure to stay clear of the hatches latching mechanism. When not in use roll up and store in a convenient, out of the way location. Secure any loose wires with 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

FICHE DE CONSIGNES DU CONVERTISSEUR D'ALIMENTATION

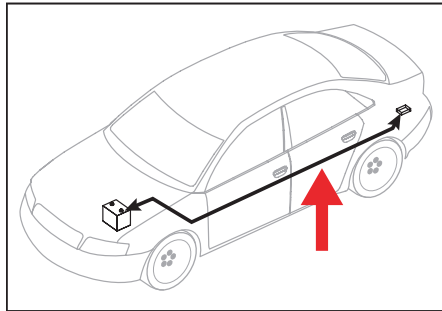
HOJA DE INSTRUCCIONES DEL CONDUCTOR DEL ADAPTADOR ALIMENTADO POR BATERÍA

NOTICE AVIS / AVISO

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

Les images ne sont fournies qu'à des fins de référence. L'emplacement de la batterie peut varier en fonction du véhicule.

Las ilustraciones son solo para referencia. La ubicación de la batería puede variar según el vehículo.



WARNING AVERTISSEMENT / ADVERTENCIA

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

Acheminer le câble de calibre 12 à la batterie du véhicule en prenant soin d'éviter les points de pincement et les éléments chauds ou pivotants.

Pase el cable calibre 12 hacia la ubicación de la batería del vehículo, con cuidado de evitar atascos y componentes calientes o giratorios.

WARNING AVERTISSEMENT / ADVERTENCIA

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

Pour éviter les blessures et les dommages matériels, vérifier les divers articles qui peuvent se trouver derrière ou sous la surface avant de percer.

Para evitar lesiones personales o daños materiales, verifique que no haya ningún elemento detrás o debajo de la superficie antes de perforar.

NOTICE AVIS / AVISO

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.

1. Ce système de convertisseur ne doit être utilisé qu'avec une prise de masse de polarité négative de 12 volts.
2. Fixer le câble d'alimentation au châssis du véhicule à l'aide des courroies d'attache de câble fournies.
3. Utiliser un œillet existant, ajouter un œillet ou appliquer du silicone pour protéger le câble d'alimentation des rebords tranchants au moment de le passer à travers la tôle.
4. La disposition générale du connecteur en T peut différer de l'illustration. Celle-ci ne doit être utilisée que pour le convertisseur d'alimentation. L'illustration n'est pas à l'échelle.

1. Este sistema de adaptadores solo se debe utilizar con sistemas con polo negativo a masa de 12 voltios.
2. Sujete el cable de alimentación al chasis del vehículo utilizando los sujetacables suministrados.
3. Al pasar el cable de alimentación por la lámina de metal, utilice la arandela pasacable existente, agregue una arandela pasacable o utilice silicona para proteger el cable de alimentación de los bordes filosos.
4. El diseño general del conector T puede ser distinto de la ilustración. La ilustración solo se debe utilizar para la instrucción del conductor de alimentación. La ilustración no está a escala.

