

INSTALLATION MANUAL

Level of Difficulty

Easy

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

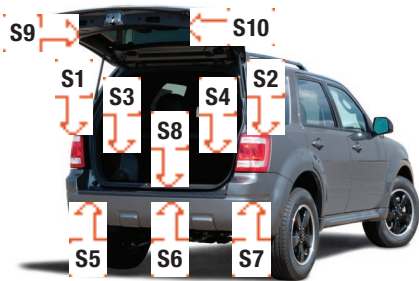
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

Wiring Location(s)

S3

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	Extension, 6"
Socket, 10mm	Trim panel tool
Drill bit, 3/32"	Test light
Drill	Wire cutters
Phillips screwdriver	

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, 10-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

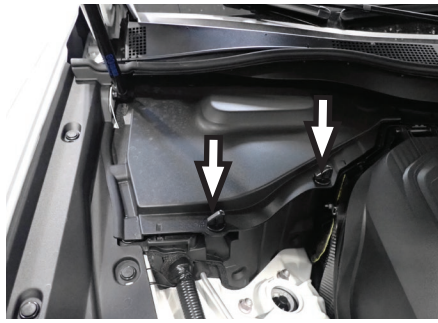
Periodic inspection of all wires and connections should be performed to ensure there is no visible damage or loose connections.

Step 1

Locate the vehicle's battery in the engine compartment on the passenger's side. There are 2 twist fasteners that hold down the battery compartment cover. Remove battery cover and set cover aside. Locate the vehicle negative battery post. Disconnect the negative battery cable, ensure negative battery cable is isolated to protect from creating an electrical system ground.

⚠ CAUTION

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



Step 2

Open the rear hatch and lay down the rear seats. Remove the rear floor coverings, cargo tray and threshold being careful not to break mounting tabs or pins.



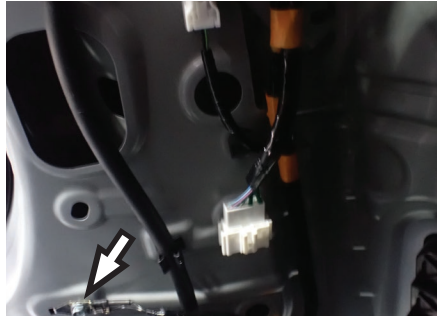
Step 3

Locate the rear cargo hook and the driver's side, using a 10mm socket remove the cargo hold down. Pull back the driver's side trim panel. Locate the white 10-pin trailer tow connector.



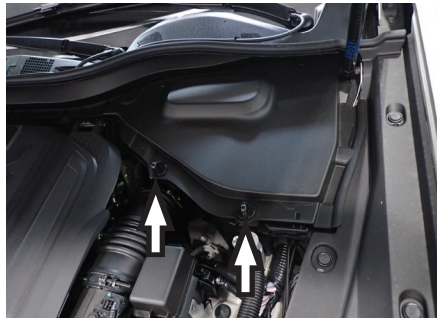
Step 4

Connect the mating lighting module's white 10-pin connector into the vehicles trailer towing connector. Locate a clean flat spot near the towing connector. Using double sided tape, mount the lighting modules box. Route the white ground wire to the vehicles ground stud, using a 10mm socket, connect the light modules ground wire to ground stud.



Step 5

On the driver's side fire wall area locate the fuse box cover. Turn the two twist 2 locks and remove the cover to access the engine compartment fuse box. Remove the inner cover of the fuse box.



Step 6

The light module requires fuses to be installed for module operation. Install fuses in the 3rd row closest to the vehicle fender, install (2) 15-Amp and (1) 20-Amp just below the Green 30-Amp fuses in position shown. The 20-Amp fuse is installed in the last cavity position.

CAUTION

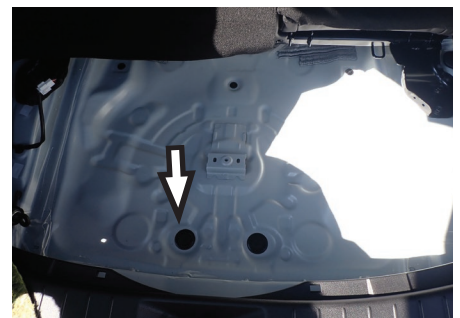
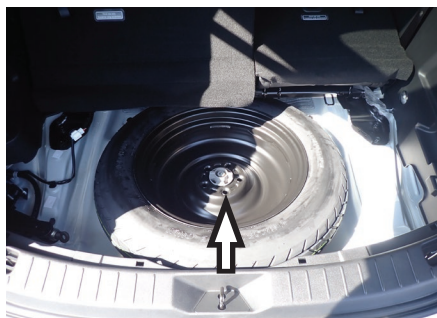
Installing fuses in the wrong amperage rating location can cause vehicle electrical damage.



Step 7

Route the 4-way flat under the driver's side trim panel and into the rear cargo area. Remove spare tire, once the spare tire is removed. Locate the two grommets on the floor of the cargo area. Slit the left grommet closest to the driver's side of the vehicle, using a utility knife to allow for the 4-way flat harness wiring to pass through the slit in the grommet.

Optional: Seal grommet slit with Silicone sealant (purchased separately).



Step 8

Underneath the vehicle, route the 4-way flat along the hitch and over to the driver's side of the fascia. Mount the 4-way flat in a bracket (purchased separately). Secure the remainder of the harness with the provided cable ties.



Step 9

Reconnect the negative battery terminal. Install the provided 4-flat dust cover to help prevent corrosion. Reinstall all removed items in the reverse order of disassembly to complete installation.

NOTICE

Once the T-Connector harness has been installed verify that the harness is functioning by using a test light, 4-way tester, multimeter, or attaching the 4-way flat to any trailer with functioning lights.

POWERED CONVERTER LEAD INSTRUCTION SHEET

FICHE DE CONSIGNES DU CONVERTISSEUR D'ALIMENTATION

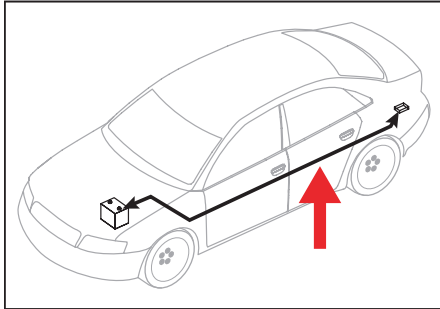
HOJA DE INSTRUCCIONES DEL CONDUCTOR DEL ADAPTADOR ALIMENTADO POR BATERÍA

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.

