

INSTALLATION MANUAL

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

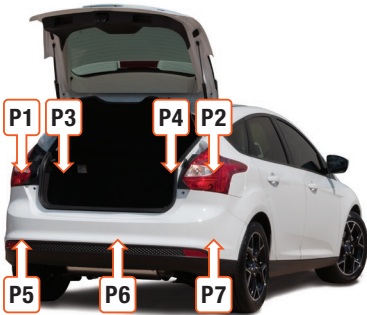
Signal circuits	3.0-amps per side
Tail / Running Circuits	6.0-amps total
Check vehicle owner's manual or contact the vehicle manufacturer for more information.	

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	Extension, 6"
Socket, 10mm	Wrench, 10mm
Drill	Drill bit, 3/32"
Phillips screwdriver	Trim panel tool
Fish wire	Wire cutters
Wire crimpers	Wire strippers
Test light	Multimeter

⚠ 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.

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

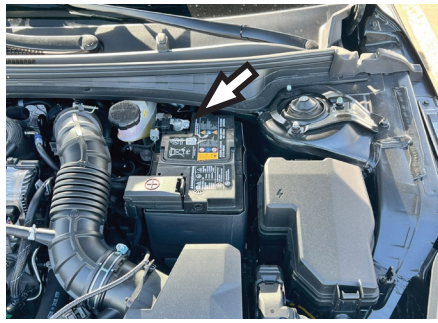
Periodic inspection of all wires and connections should be performed to ensure there is no visible damage or loose connections.

Step 1

Locate the vehicle's battery in the engine compartment on the driver side. Disconnect the negative battery terminal.

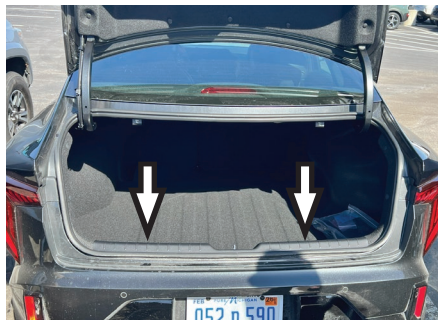
⚠ CAUTION

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



Step 2

Open rear hatch, remove all floor coverings. Remove threshold being careful not to break any mount tabs or pins, once removed set threshold aside.



Step 3

Starting on the driver's side, locate the two plastic felt trim panel mounting pins. Using a trim panel, gently remove pins being careful not to break or damage the pins. Pull back felt trim panel to access vehicles' taillight connectors and routing of lighting modules harness.



Step 4

Disconnect the vehicles wire harness from the taillight connectors harness. Route the harness with the yellow wire behind the felt trim panel. Insert the lighting modules connector containing the yellow wire and being careful not to break connector locking tabs.



Step 5

Locate a clean and flat area near the driver's side taillight connector behind the driver's side felt liner. Using the supplied double-sided tape mount the lighting modules box.

Step 6

Route green wire along the threshold to the passenger's side. Using a trim panel, gently remove pins being careful not to break or damage the pins. Pull back felt trim panel to access vehicles' taillight connectors and routing of lighting modules harness.

Step 7

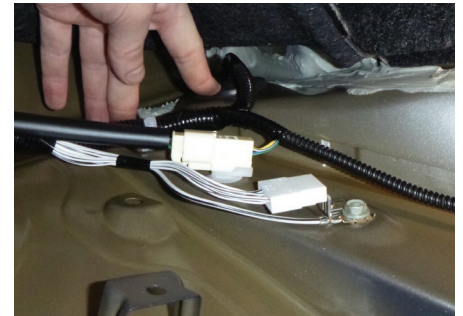
Repeat step 4 for the passenger's side lighting modules taillight connection.

Step 8

Locate a grounding point such as an existing screw or bolt in the frame of the vehicle or drill a 3/32" pilot hole. The area should be free from rust, dirt, and paint (abrasive pad/paper to remove rust and paint). Secure the white ground wire with the ring terminal on the existing fastener or with the provided ground screw.

CAUTION

Check for miscellaneous items that may be hidden behind or under any surface before drilling to avoid damage and/or personal injury



Step 9

On the driver's side locate a grommet or cargo vent in the body in the cargo area, exit the cargo area. Route the new power to the underneath the vehicle forward to the battery compartment.

Step 10

Route the black power wire to the vehicle battery as shown on the included CME-PCL-INS sheet.

Step 11

Route the 4-way flat connector under the driver's side felt liner into the center of the cargo area. Secure any loose wires with the provided cable ties.

Note: Ensure when the 4-way harness is being used to not pinch the harness in the latch of the trunk or 4-way harness can be damaged.

Step 12

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.

Step 13

Store the 4-way connector in the rear cargo area when not in use.

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

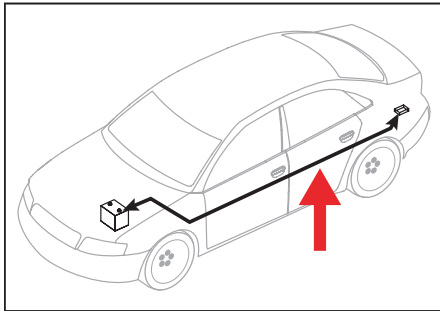
HOJA DE INSTRUCCIONES DEL CONDUCTOR DEL ADAPTADOR ALIMENTADO POR BATERÍA

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.

