

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	5.0-amps per side
Tail / Running Circuits	7.5-amps total

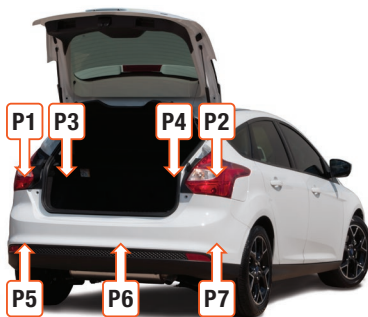
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

Wiring Location(s)

P1 and P2

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	Wire crimper
Ratchet extension	Wire cutter
Socket, 10mm	Wire stripper
Panel trim removal tool	Utility knife
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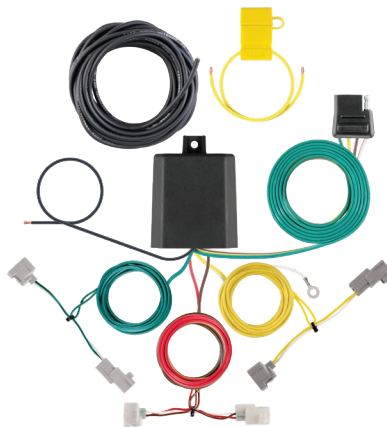
⚠ WARNING

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

Be sure not to lay tools across the positive (typically noted with red covers or a red '+' symbol). This can cause a ground to short causing 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.

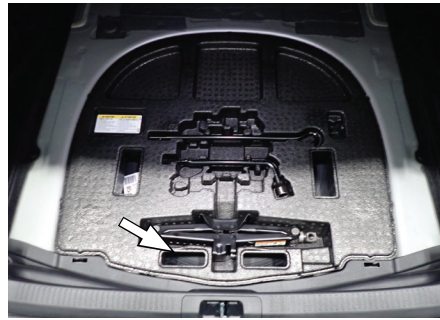
Step 1

Open the trunk and remove the floor covering and access the panel on the passenger side exposing the battery. Set aside the cover and disconnect the negative battery terminal. Be sure to fasten this wire down and away from the battery while completing the installation process.



Step 2

Remove the floor coverings and the spare tire tool kit to expose the spare tire.



Step 3

Use a panel trim tool to remove the four (4) push fasteners from the threshold, and two (2) push fastener between the hinge arm of the trunk and between this hinge and the rear of the trunk on each side. Locate the cargo hook and press in on the circular release of the cargo hook and pull out of the trunk on both sides.



Step 4

Pull up on the trunk threshold by hand or use a panel trim removal tool to remove the trunk threshold.



Step 5

Using a panel trim tool, loosen the taillight fastener cover exposing two (2) bolts on each side. Using a 10mm socket, loosen the taillight fasteners. Remove the taillight by pulling straight back.

Disconnect the two (2) taillight housings on each taillight, taking care not to damage the locking tabs and set the taillight aside.

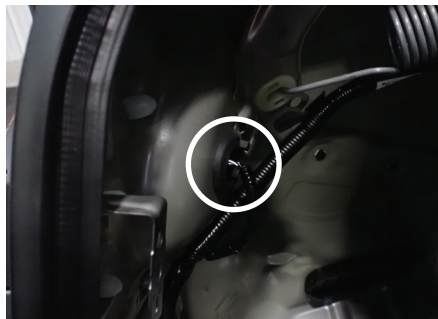
Repeat taillight removal on the other side.



Step 6

Push the grommet by hand into the driver side taillight cavity, and through into the vehicle trunk. Repeat on the taillight on the other side of the vehicle.

Separate the trunk liner from the inner body of the vehicle. (It can be folded into the trunk towards the rear seats).



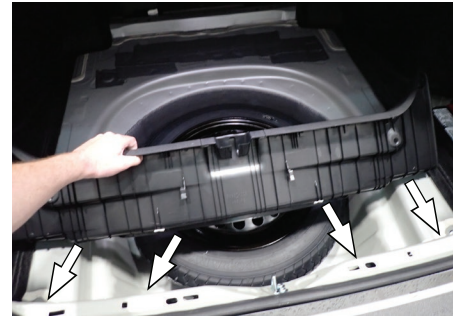
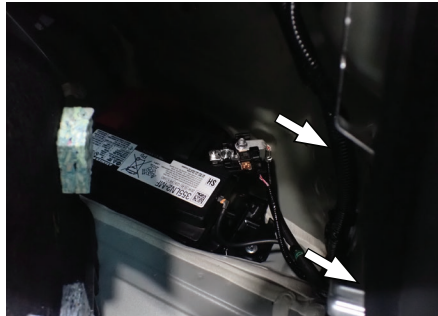
Step 7

Locate the grommet behind the taillight where the vehicle's taillight wiring passes through from inside the cabin to the taillight. Remove the grommet and cut a slit large enough to route the new custom wiring end through.



Step 8

Starting on the passenger side, locate the housing with the green wire on the custom harness. Route it through the hole into the taillight cavity attaching this to the factory taillight wiring. Install the green wire into the cut grommet and re-insert the grommet into the hole it was removed from.



Step 9

Route the yellow wire along the rear of the trunk under the threshold to the driver side. As with the green wire, route the yellow wire on the custom harness through the hole into the taillight cavity and attach it to the factory wiring. Install the yellow wire into the cut grommet and re-insert the grommet into the hole it was removed from.

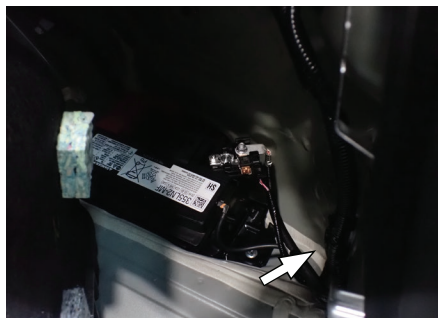
Step 10

Locate a flat clean surface under the trunk liner or close to the battery. Adhere the black converter box using the provided double-sided tape. Failure to mount the box in a protected area can cause loss of warranty, product failure, overheating and potential fire.

Route the black power wire from the vehicle battery as shown on the provided 'Powered Converter Lead Instruction Sheet'.

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.



Step 11

Using the silicon sealant provided seal the two cuts made to the grommets, reinstall the tail light with the custom harness into the tail light.

When in use, route the 4-flat out of the trunk but away from the trunk latch. 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.

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

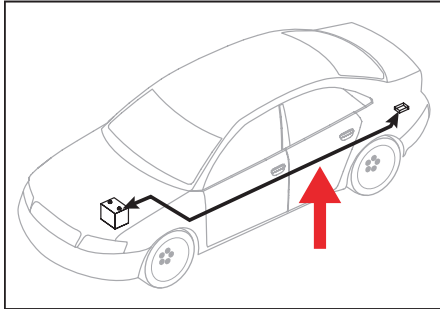
HOJA DE INSTRUCCIONES DEL CONDUCTOR DEL ADAPTADOR ALIMENTADO POR BATERÍA

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.

