

INSTALLATION MANUAL

56555

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	7.5-amps total

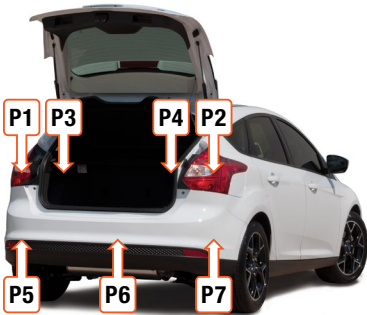
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

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	Phillips screwdriver
Ratchet extension	Wire cutter
Socket, 10mm	Wire stripper
Drill	Utility knife
Drill bit, 3/32	Torx bit, T-25
Test light	Crimp tool
Trim panel tool	--

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

Locate the vehicle's battery in the engine compartment on the driver side. Using a 10mm socket or wrench disconnect and isolate the negative battery terminal. Ensure the negative cable does not touch any metal object to create a ground.

CAUTION

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

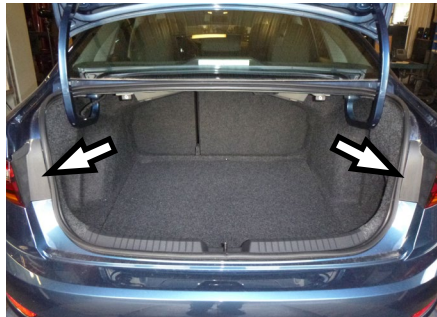


Step 2

Starting at the rear of the vehicle. Open the trunk and locate the taillight trim panels covering the mounting bolts and remove the covers.

Remove the two (2) bolts on each side holding the taillights in place with a T-25 Torx bit.

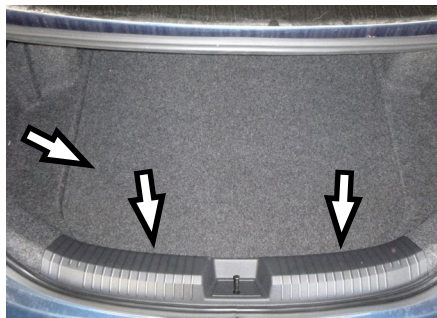
Remove the taillight by pulling backwards from the side of the vehicle. Once the taillight is removed, separate the connector from the taillight housing, taking care not to damage the locking tabs. Set the taillight aside and repeat on the other side of the vehicle.



Step 3

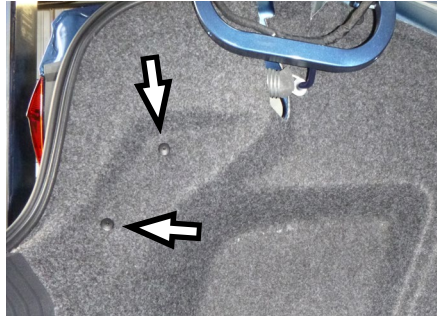
Remove the rear floor coverings.

Next remove the rear threshold panel with a trim panel tool, being careful to not damage the threshold mounting clips and set the threshold aside.



Step 4

Locate and remove the two (2) plastic felt liner push pins on both sides of the rear cargo compartment by using a trim panel tool.



Step 5

Locate the grommet between the taillight pocket and trunk. On both the driver and passenger sides, pull the vehicle taillight wire harness and unseat the grommet.

Continue by slitting the grommet with a utility knife to allow the module connector's wiring to pass through.

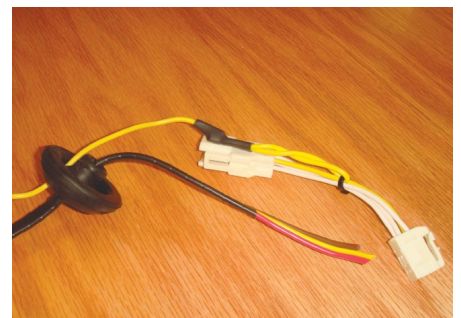


Step 6

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.

Route the custom wiring end with the brown and red wires out through the grommet opening and through the slit in the grommet. Insert the custom wiring end with brown and red wires between the separated connectors. Make sure the connectors are fully inserted with locking tabs in place.

Reseat the grommet. Use the provided sealant to seal the cut in the grommet and around all the wires.



Step 7

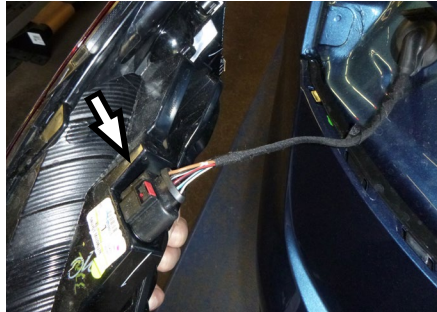
Route the T-connector housing with the yellow wire up through the grommet hole following the taillight wire harness. Ensure the yellow wire of the T-connector's harness is seated into the slit of the grommet.

Remount the grommet in the body being careful to not pinch any wires.

Optional: After the grommet is remounted, seal the slit in the grommet with some silicone sealant to prevent water intrusion into the rear cargo area.

Step 8

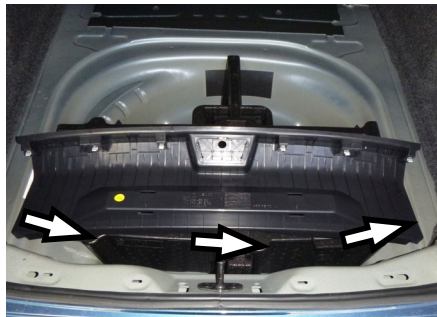
Locate the T-connector housing containing the yellow wire and connect it in between the taillight and the factory taillight wiring harness.



Step 9

Route the connector housing with the green wire along the threshold area to the passenger side of the vehicle. Route the green harness by positioning it under and behind the felt cargo liner, following the taillight harness wiring.

Repeat steps 7 & 8 on the passenger side using the wiring end of the green wire.



Step 10

Remount both the driver and passenger side taillight assemblies. Ensure the wires are not cut or pinched.

Step 11

Locate a suitable mounting location for the T-Connector's lighting module. Mount the lighting module with double sided tape in an out of the way location with the epoxy side down.

Step 12

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 13

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

Step 14

Route the 4-flat to the center of the cargo area. When not in use, store 4-way flat in a convenient, out of the way location. Secure any loose wires with the provided cable ties.

Step 15

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 custom harness is installed, verify that the harness is functioning by attaching the 4-Flat to any trailer with functioning lights or use one of the following: 4-Flat tester/test light/multimeter.

POWERED CONVERTER LEAD INSTRUCTION SHEET

FICHE DE CONSIGNES DU CONVERTISSEUR D'ALIMENTATION

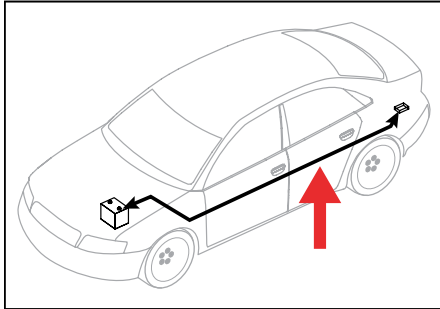
HOJA DE INSTRUCCIONES DEL CONDUCTOR DEL ADAPTADOR ALIMENTADO POR BATERÍA

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.

