

Step 1

Locate the vehicle battery by opening the trunk and opening the access cover on the passenger-side trunk cover. Disconnect the negative battery terminal, be sure to fasten this wire down and away from the battery while completing the installation process.



Step 2

Use a trim tool to loosen the taillight trim cover. Use a 10mm socket to remove the two fasteners securing the taillight. Remove the taillight by pulling straight back.

Locate the vehicle taillight wiring connectors. The connectors will be similar to those on your new custom wiring product. Separate the connectors from the taillight housing taking care not to damage the locking tabs.

Set the taillight aside in a safe place.

Repeat on the other side of the vehicle.



Step 3

Starting on the passenger side on the bumper cover just below the fasteners for the taillight, locate the 10 mm bolt, remove and set aside. Locate the housing with the green wire and install onto the factory wiring.



Step 4

Locate a mounting spot for the module between the bumper cover and the vehicle. Pull back on the bumper cover to fit the module in the opening. Using the supplied double-sided tape, secure to the vehicle. Keep the black wire and the white wire with the ring terminal above the bumper cover.



Step 5

Install the ground in the body of the vehicle behind the tail light with the self-tapping screw provided. Pre-drilling using a 3/32" pilot hole is recommended. 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



How to Fishwire

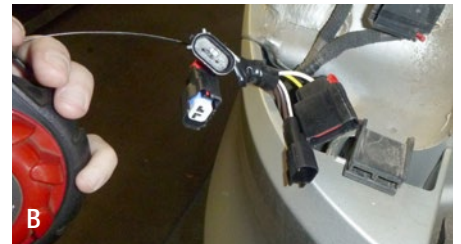
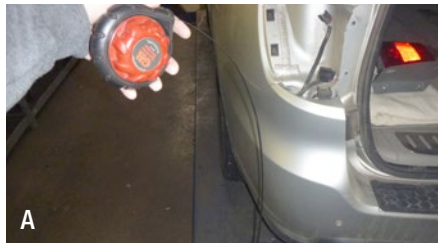
A) Fish wire is a way to push or pull an electrical wire through a blind hole. Make sure the wire is long enough to stick out on the other side.

Insert the fish wire through the blind hole and locate it on the other side.

B) Use tape to secure the harness to the fish wire and pull back up.

The fish wire or harness may get hung up on something, if this happens you may have to push back down, wiggle it around or twist the wire to loosen it from what it's hung up on.

Fish wire could be anything from a cut-up wire hanger, stiff wire, rope or string depending on what is needed for the installation.



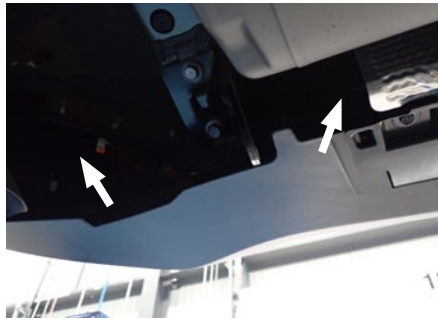
Step 6

Route the fishwire from under the passenger-side of the vehicle to the taillight opening and pull the yellow wire and 4-flat down to the rear bumper, routing them to the driver side. Route the 4-flat to near the middle of the vehicle next to the receiver hitch.



Step 7

Fishwire the yellow wire up the driver side to the factory wiring and install.



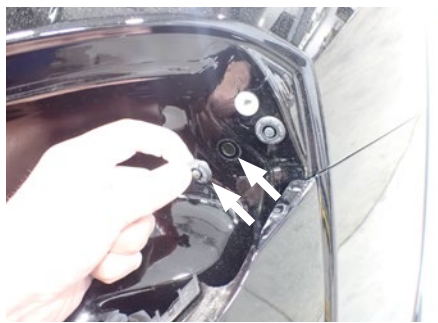
Step 8

On the passenger's side there are rubber grommets. Remove the lower right grommet. Feed and route the power through this hole down to the battery. You will need to pull back the felt trunk liner to route the power wire through.

Route the black power wire from the vehicle battery as shown on the provided 'Powered Converter Lead Instruction Sheet' on the last page of this manual.

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.

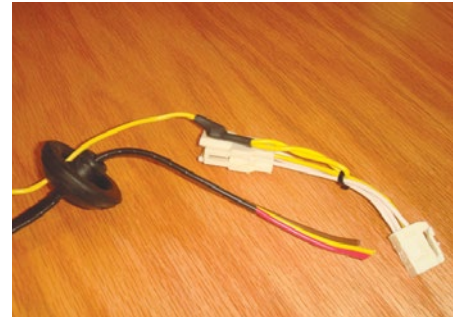
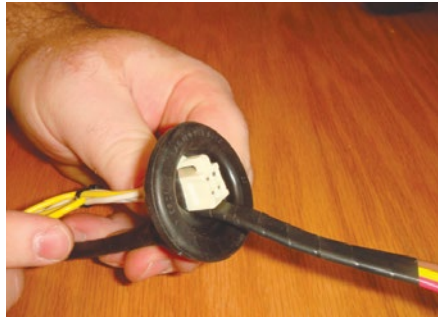


Step 9

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 10

Using a knife or wire cutter, cut the removed grommet and reinstall using the provided gasket sealer. Allow the sealant to dry and reassemble removed items.

Step 11

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

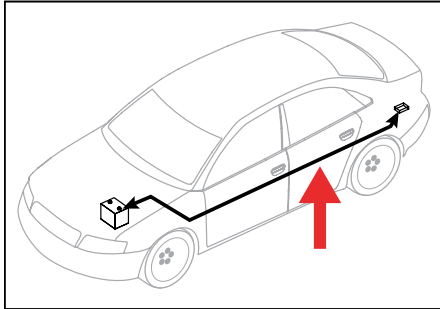
HOJA DE INSTRUCCIONES DEL CONDUCTOR DEL ADAPTADOR ALIMENTADO POR BATERÍA

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.

