

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

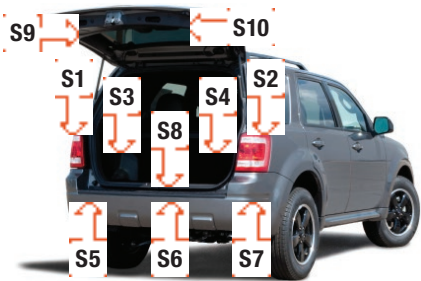
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

Wiring Location(s)

S3 and S4

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	Wire stripper
10mm socket	Wire crimper
Flat blade screwdriver	Cutting tool
Panel trim removal tool	

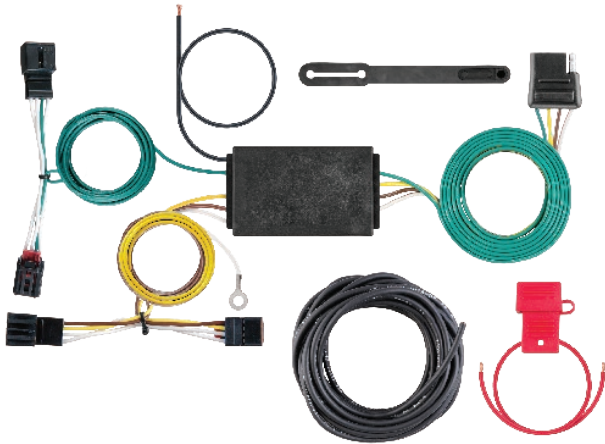
WARNING

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

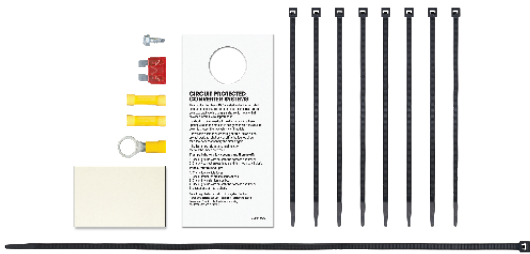
Be sure not to lay tools across the positive terminal (typically noted with red covers or a red '+' symbol). This can cause a ground to short leading to sparks and/or electrical shocks.

The battery connection must be fuse-protected, 10-amp max. Exceeding the product rating can cause loss of warranty, overheating and potential fire.

Product Photo



Hardware 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.

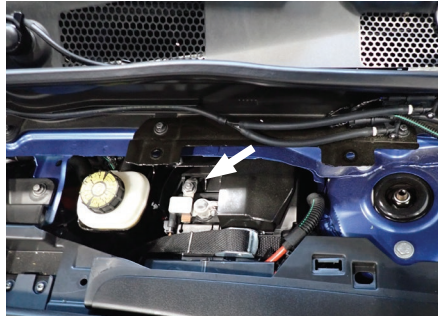
XC60

Step 1

Open hood, locate battery on the left side of the engine compartment. Disconnect the negative battery cable using a 10mm socket. Isolate negative battery cable and ensure cable does not touch any metal objects to create ground.

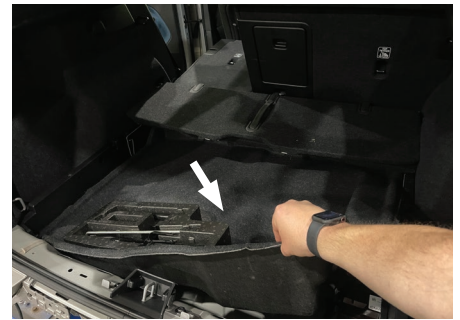
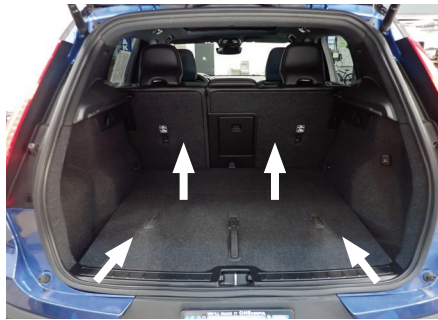
⚠ CAUTION

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



Step 2

Open rear hatch, release the rear seat latches on both the driver's and passenger's side seat and fold them forward. Remove the rear floor covering and sit aside.



Step 3

Using trim panel tool, remove the threshold top trim panels. Locate the mounting bolts holding down the threshold, there are (4) bolts holding down the threshold. Using an 8mm socket remove the threshold mounting bolts. Remove threshold, ensure no mounting pins or clips are damaged in part removal.



Step 4

On the driver's side, remove the trim panel access panel. Locate the taillight harness connectors, fish wire the connector with the yellow wire behind the side panel. Locate the taillight harness connector, disconnect the harness from the taillight being careful not to break connector mounting tabs. Insert the connector with the yellow wire into the matting connectors.



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 5

Locate a clean and flat area near the driver's side cargo area. Using the supplied double-sided tape mount the lighting modules box.



Step 6

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



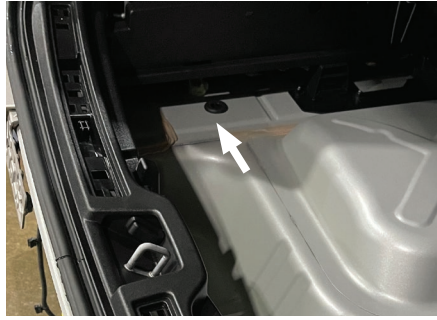
Step 7

Route the connector with the green wire along the threshold to the passenger's side. Fish wire the connector with the green wire behind the passenger's side trim panel to the access pocket. Connector the harness with the green wire to the taillight and factory harness.



Step 8

On the driver's side in the rear cargo area, locate a grommet or vent to route the black power to the battery. Route the power along the frame to the front of the vehicle to the engine compartment. When routing the black power avoid areas that might pinch, cut or break the wire. Secure the power wire with supplied cable ties.



Step 9

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

Step 10

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 11

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 Milti Meter, or attaching the 4-way flat to any trailer with a functioning light's.

XC40

Step 1

Using trim panel tool, remove the threshold top trim panels. Locate the mounting bolts holding down the threshold and rear side support brackets, using an 8mm socket remove ten (10) mounting bolts holding down the threshold and rear side panels. Ensure no mounting pins or clips are damaged in part removal.



Step 2

On the driver's side, pull back the side panel to access the taillight wiring connectors. Disconnect the harness from the taillight being careful not to break connector mounting tabs. Insert the connector with the yellow wire into the mating connectors.



How to Fishwire

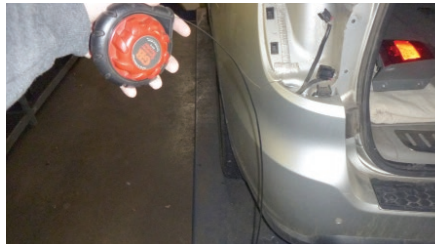
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Insert the fish wire through the blind hole and locate it on the other side.

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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 3

Locate a clean and flat area near the driver's side cargo area. Using the supplied double-sided tape mount the lighting modules box.



Step 4

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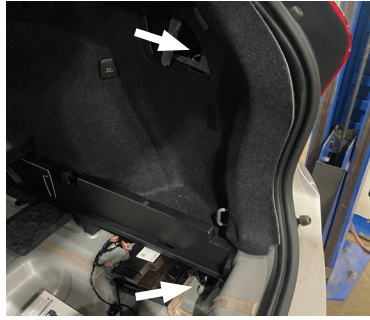
CAUTION

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Step 5

Route the connector with the green wire along the threshold to the passenger's side. Connector the harness with the green wire to the taillight and factory harness.



Step 6

On the driver's side in the rear cargo area, locate a grommet or vent to route the black power to the battery. Route the power along the frame to the front of the vehicle to the engine compartment. When routing the black power avoid areas that might pinch, cut or break the wire. Secure the power wire with supplied cable ties.



Step 7

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

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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.

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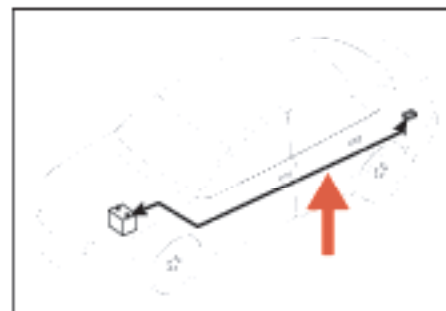
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HOJA DE INSTRUCCIONES DEL CONDUCTOR DEL ADAPTADOR ALIMENTADO POR BATERÍA



Las ilustraciones son solo para referencia. La ubicación de la batería puede variar según el vehículo.



Pase el cable calibre 12 hacia la ubicación de la batería del vehículo, con cuidado de evitar atascos y componentes calientes o dirigidos.



Para evitar lesiones personales o daños materiales, verifique que no haya ningún elemento detrás o debajo de la superficie antes de perforar.



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 oeillet existant, ajouter un oeillet 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.

