

INSTALLATION INSTRUCTIONS

⚠ WARNING: DO NOT EXCEED PRODUCT RATING OR TOW VEHICLE LAMP LOAD RATING, WHICHEVER IS LOWER

APPLICATIONS

Make	Model
Hyundai	Ioniq Hybrid

CUSTOM WIRING HARNESS



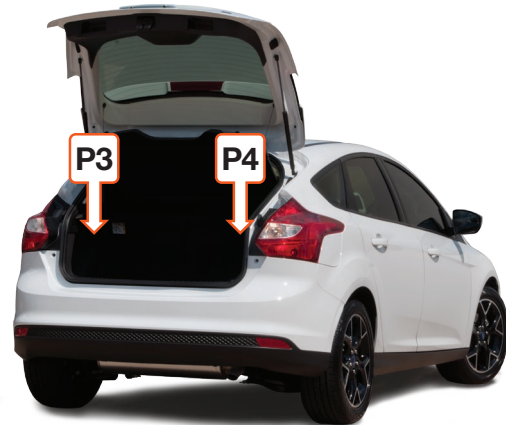
WIRING LOCATION GUIDE

PASSENGER CARS (P)

Representative vehicle shown below

P3 - Behind driver side taillight housing, inside of trunk

P4 - Behind passenger side taillight housing, inside of trunk



NOTICE

All steps must be followed to ensure the wiring harness will function properly. Once installed, test for proper function by using a test light or connecting a properly wired trailer.

TOOLS NEEDED

10mm socket

Ratchet

Ratchet extension

Panel trim removal tool

Wire stripper

Wire crimpers

Cutting tool

⚠ WARNING ⚠ ⚡

The battery connection must be fuse-protected, 10-amp max. Exceeding the product rating can cause loss of warranty, overheating and potential fire. Do not exceed product rating or tow vehicle lamp load rating, whichever is lower.

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.

INSTALLATION / SAFETY INSTRUCTIONS

Step 1

Open the vehicle trunk. Remove all trunk floor coverings and storage trays (A).

Step 2

Remove the fastener securing the rear scuff panel (B). Remove the scuff panel by pulling straight up. Take care not to damage the alignment tabs on the back (C).

Step 3

Starting on the driver side, remove the fasteners from the interior side trim panels (D).

Step 4

Remove the upper side trim panel by pulling outwards taking care not to damage the alignment tabs on the back side (E). Locate the vehicle taillight wiring harness connectors (F). The connectors will be similar to those on the custom wiring harness. Remove the foam tape wrapped around the connectors. Separate the connectors from the taillight housing taking care not to damage the locking tabs.

Step 5

Remove the push fastener from the lower side trim panel (G). Pull outward on the lower interior side trim panel to allow access to mount the black converter box and route the custom wiring harness (H). Take care not to damage the alignment tabs on the back side.

Step 6

Insert the custom wiring harness end with the yellow wire between the separated connectors. Make sure the connectors are fully inserted with locking tabs in place (I).

Step 7

Locate a suitable grounding point near the connector such as an existing screw with nut in the vehicle's frame or drill a 3/32" pilot hole for the provided screw. The area should be free of rust, dirt and paint. Secure the white ground wire using the ring terminal and provided screw.

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

Step 8

Route the custom wiring harness end with the green wire down behind the interior side trim panel and out to the passenger side behind the removed scuff panel. Repeat steps 3-6 on the passenger side using the harness end with the green wire.

Step 9

Locate a flat spot inside the vehicle, near the taillight. Adhere the black converter box using the provided double-side tape (J).

Step 10

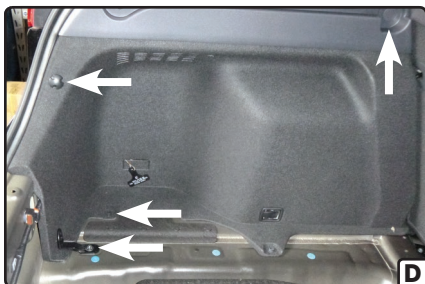
Route the black power wire from the vehicle battery as shown on the included CME-PCL-INS sheet.

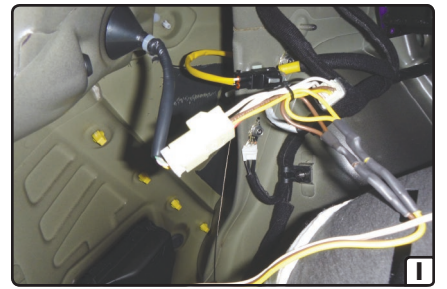
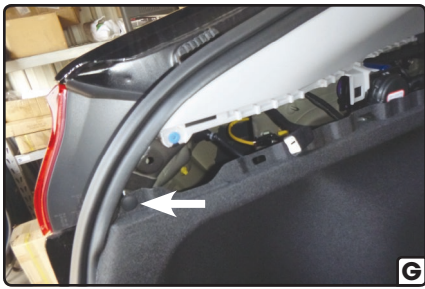
Step 11

When in use, route the 4-flat to the center of the vehicle and out of the trunk. When not in use, roll up and store in a convenient, out of the way location inside the trunk. Secure any loose wires with provided cable ties.

Step 12

Reinstall all items removed during install. Install the provided 4-flat dust cover to help prevent corrosion.





POWERED CONVERTER LEAD INSTRUCTION SHEET

FICHE DE CONSIGNES DU CONVERTISSEUR D'ALIMENTATION

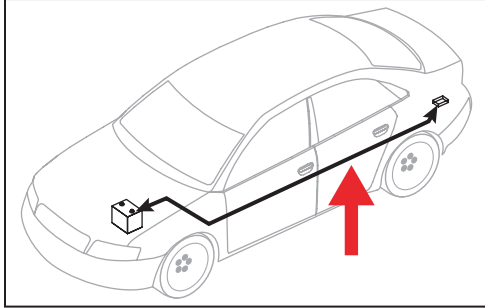
HOJA DE INSTRUCCIONES DEL CONDUCTOR DEL ADAPTADOR ALIMENTADO POR BATERÍA

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.

