

# INSTALLATION MANUAL

## Level of Difficulty

Easy

## 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 Guide\* for SUVs and Vans (S)

- S1 Behind driver side taillight housing  
S2 Behind passenger side taillight housing



\* Representative vehicle shown

## 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



\* Representative vehicle shown

## Tools Required

Ratchet	Panel trim removal tool
Torx bit, T-30	--

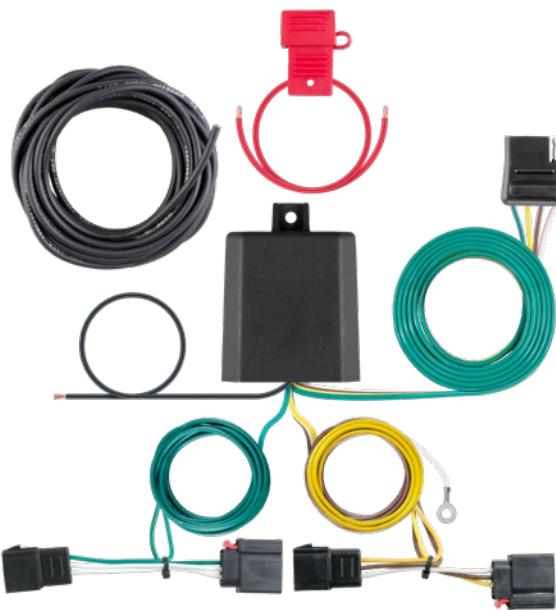
## WARNING

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

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.

## 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

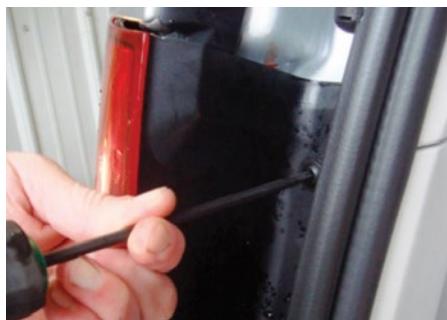
Periodic inspection of all wires and connections should be performed to ensure there is no visible damage or loose connections.

## Step 1

Locate vehicle battery on the driver side under the hood and disconnect the negative battery terminal.

## Step 2 - Caravan / Grand Caravan and Town & Country

Open the vehicle tailgate. Remove the T-30 torx head screws holding the taillights in place. Carefully pry the taillight housing rearward. Take care not to break the locking tabs on back.



## Step 2 - Patriot, Caliber and Durango

Open the vehicle tailgate. Remove the two clips holding the taillights in place. Carefully pry the taillight housing rearward.

Take care not to break the locking tabs on back.



## Step 3

Behind the taillight housing locate the vehicle taillight wiring harness connectors. The connectors will be similar to those on the custom wiring harness.

Separate the connectors from the taillight housing taking care not to damage the locking tabs.

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



## Step 4

Route the custom wiring harness end with the green wire to the passenger side.  
Repeat step 3 on the passenger side using the harness end with the green wire.

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## Step 5

Locate a suitable grounding point near the connector such as an existing screw with nut in the vehicle 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.

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## Step 6

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

Route the black power wire from the vehicle battery as shown on the included CME-PCL-INS sheet. Route the black power wire from the battery as shown on the CME-PCL-INS sheet included. Route the black wire through any rubber grommet in the trunk area if applicable to the black converter.

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## Step 7

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

Reinstall all items removed during install and reconnect negative battery terminal. Install the provided 4-flat dust cover to help prevent corrosion.

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## Product Registration and Warranty

CURT Group stands behind our products with industry-leading warranties.  
Provide feedback and help us to improve our products by registering your purchase at:  
[warranty.curtpgroup.com/surveys](http://warranty.curtpgroup.com/surveys)

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# POWERED CONVERTER LEAD INSTRUCTION SHEET

## FICHE DE CONSIGNES DU CONVERTISSEUR D'ALIMENTATION

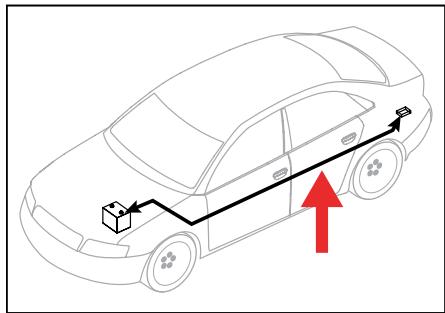
## HOJA DE INSTRUCCIONES DEL CONDUCTOR DEL ADAPTADOR ALIMENTADO POR BATERÍA

### 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.

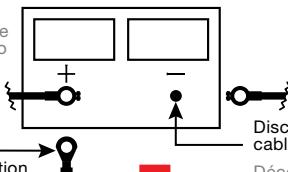
1. Este sistema de adaptadores solo se debe utilizar con sistemas con polo negativo a masa de 12 voltios.

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.

**Vehicle battery**  
Batterie du véhicule  
Batería del vehículo



Use ring terminal for battery connection

Utiliser une cosse à anneau pour effectuer la connexion à la batterie

Utilizar el terminal de anillo para la conexión de la batería

Fuse holder with 10 amp fuse max (install fuse after all other steps are complete)

Porte-fusible avec fusible de 10 A max (installer le fusible après avoir effectué toutes les autres étapes)

Portafusible con fusible de 10 A máx. (instalar fusible una vez completados los otros pasos)

Green - Right turn  
Red - Brake  
Yellow - Left turn  
Brown - Taillight

Vert - Clignotant droit  
Rouge - Frein  
Jaune - Clignotant gauche  
Brun - Feu arrière

Verde - Giro a la derecha  
Rojo - Freno  
Amarillo - Giro a la izquierda  
Marrón - Luces traseras

**Generic housings shown for reference only**  
Les boîtes génériques ne sont fournies qu'à des fins de référence  
Se muestran carcasa genéricas, solo para referencia

Disconnect negative battery (-) cable before wiring the power wire

Déconnecter le câble négatif (-) de la batterie avant d'installer le câble d'alimentation

Desconectar el cable negativo (-) de la batería antes de conectar el cable de alimentación

12 GA wire or larger  
Câble de calibre 12 ou plus  
Cable calibre 12 o mayor

Route black wire to positive battery (+)

Conneter le câble noir à la borne positive (+) de la batterie  
Pasar el cable negro hacia el polo positivo (+) de la batería

If using the converter as a powered module for a two-wire system, the red brake wire must be grounded

Si le convertisseur est utilisé comme module d'alimentation pour un système à deux fils, le câble de freinage rouge doit être mis à la masse

Si se utiliza el adaptador como un módulo energizado para un sistema bifilar, el cable rojo del freno debe estar conectado a tierra

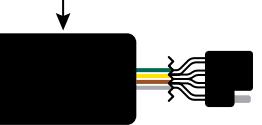
Mount converter using the provided double-sided tape

Installer le convertisseur à l'aide du ruban adhésif double face fourni

Montar el adaptador utilizando la cinta de doble cara suministrada



Butt connector  
Raccord bout à bout  
Conector a tope



Converter  
Convertisseur  
Adaptador

Attach the ring terminal of the white ground wire to vehicle body using the screw provided (drill 3/32" hole if necessary)

Attacher la cosse à anneau du fil de terre blanc à la carrosserie du véhicule à l'aide de la vis fournie (percer un trou de 3/32 po au besoin)

Conectar el terminal de anillo del cable a tierra blanco a la carcasa del vehículo utilizando el tornillo suministrado (haga una perforación de 3/32" si es necesario)