

## DEVISOLATOR™

### INSTALLATION INSTRUCTIONS:

The Devisolator is a device designed to protect a vehicle's lead acid battery (6-Volt, 12-Volt and 24-Volt) from being drained by monitoring the power being drawn by an individual accessory.

### GENERAL:

The Devisolator is hard-wired in the power line of an accessory (up to 60 Amps) such as a television or VCR/DVD in a car, truck or SUV, accessories such as a refrigerator or heater / air conditioner in RV's and power-draining add-ons on police cars, etc.

**HELPFUL HINT:** One Devisolator is used for each accessory, unless accessories are on one power line that does not run through the engine's starter. The total amperage drawn on the power line cannot exceed 60 Amps.

### TOOLS REQUIRED:

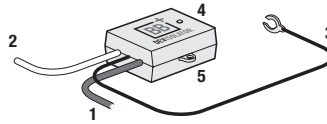
Phillips screwdriver, wiring tools.

### IMPORTANT NOTE:

Before beginning installation, ensure your battery is holding the proper charge. If your battery does not hold a minimum charge, it may be at the end of its lifecycle.



## DEVISOLATOR™ KIT INCLUDES

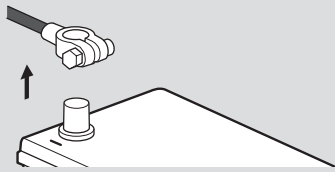


### DEVISOLATOR UNIT:

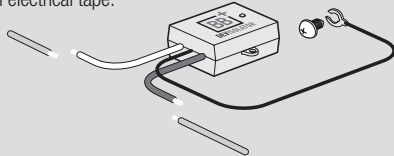
1. Power In wire (Brown)
2. Power Out wire (Red)
3. Ground wire (Black)
4. Indicator light
5. Mounting brackets

## INSTALLATION INSTRUCTIONS

**STEP 1: Disconnecting Battery:** A) Disconnect the black/negative (-) cable from the battery.

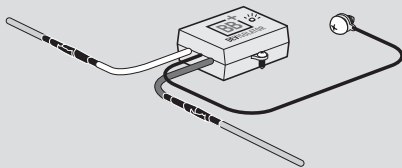


**STEP 2: Connecting the Devisolator:** A) Locate the power line for the desired accessory. You may connect the Devisolator anywhere along the power line that offers you convenient access. B) Select a connection area and cut through the power line. C) Splice the Devisolator leads into the power line and cover securely with electrical tape.



**DEVISOLATOR CANNOT BE USED ON POWER LINES THAT RUN THROUGH THE ENGINE'S STARTER.**

**STEP 3: Reconnecting Battery and Connecting Ground:** A) Reconnect the black/negative battery cable. B) Connect the clip end of the black ground to chassis with a metal screw.



**INSTALLATION COMPLETE:** THE LED INDICATOR LIGHT ON THE DEVISOLATOR UNIT SHOULD BE ILLUMINATED AFTER SUCCESSFUL INSTALLATION.

## OPERATING INSTRUCTIONS

The Devisolator will now monitor voltage in the vehicle's battery and detect power drainage in the battery to a certain level for a certain amount of time and automatically disconnect power to the accessory until sufficient charge is regained in the vehicle battery to support the accessory, when it will automatically reset power.

**NOTE:** If the LED indicator light does not illuminate after installation, check your battery cable connections and Devisolator installation to ensure all connections are secure. Ensure that the Devisolator wires are installed in the correct direction (Power In / Power Out).

## INSTALLATION OPTIONS

Because your vehicle's accessory locations and access may be unique, you can install the Devisolator in several ways.

- + Mounted near the accessory.
- + Mounted under the hood.
- + Anywhere along the power line, inside or outside the vehicle.

## TECHNICAL SPECIFICATIONS

### DIMENSIONS

Height: 1 1/2" Width: 2 1/2" Depth: 3"

### WEIGHT

Devisolator with wiring 100gm. Packaging 3 gm. Total weight: 103 gm.

### CURRENT CONSUMPTION

Current in normal operation mode: 10 Milliamps. Active current draw: up to 60 Amps.

### OPERATIONAL TEMPERATURE RANGE

-60°F (-51°C) to 200°F (90°C). Devisolator is made from non-combustible materials.

### LIMITED WARRANTY

Your Devisolator™ is covered by a conditional, limited warranty to the original purchaser.

This unit is guaranteed to the original retail purchaser against defects in quality or workmanship for a period of one year from the date of original purchase. If this unit fails because of a manufacturing defect within 30 days of purchase, return the unit, with your receipt, to the retailer. Beyond 30 days after purchase, but within the warranty period, if the unit was purchased within the continental United States, return it, freight prepaid, to Smart Energy Solutions, Inc. for repair or replacement. If the unit was purchased outside the continental United States, return the unit to the place of purchase.

This warranty does not cover damage due to operation other than the use of the Devisolator on the specified battery voltage, 6V, 12V or 24V respectively. This warranty does not extend to any defect, malfunction, or failure caused by accidents, misuse, abuse, improper installation (including disassembly of Devisolator, or use of the product with equipment for which it was not intended, or unauthorized alterations or repairs).

All implied warranties are hereby limited in duration to the period of one year from the date of original retail purchase. Incidental or consequential damages arising from a breach of either express or implied warranties are hereby disclaimed and excluded. Some states do not allow the exclusion of limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you.

Neither Smart Energy Solutions, Inc. nor retailers selling Devisolator are responsible for indirect, incidental, special, punitive or consequential damages arising from the use of or inability to use Devisolator. Except for this limited warranty, Smart Energy Solutions, Inc. has not made, and specifically disclaims, any warranty or representation of any kind, express or implied, direct or indirect, of product fitness for a particular purpose.

Assembled in China for Smart Energy Solutions, Inc.

### ⚠ BATTERY SAFETY

**WARNING!** When working with lead acid batteries and accessories, caution must be employed:

- + Shield eyes. Do not open vent caps or puncture battery casing in any way.
- + Sulfuric acid can cause blindness and severe burns.
- + Rinse hands and flush eyes with water immediately.
- + Avoid sparks, flames and smoking.

### PROPOSITION 65 WARNING

Battery posts, terminals, and related accessories contain lead and lead compounds. Chemicals known to the State of California to cause cancer and reproductive harm. Wash hands after handling.

Makers of Battery Brain™

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