

Introduction

The ME-ISW (Ignition Switch Lockout) pigtail adapter is designed to automatically DISABLE the inverter function when a 12 volt DC signal is supplied. This is useful in applications where it may be desirable to prevent 120VAC inverter loads from being powered while the vehicle ignition switch is turned on.

The ME-ISW pigtail adapter is simple to install and is used with inverters that provide a Stack port, such as the ME, MS, MS-AE and RD Series inverters.

Installation

Refer to figure 2 to install the ME-ISW; ensure the following requirements:

1. The ME-ISW wire should be connected to a circuit downstream from the vehicle ignition switch, so that 12VDC is available when the ignition switch is on, and not available when the ignition switch is off. The circuit selected should be protected by a fuse rated at 5 Amps DC maximum.
2. The ME-ISW pigtail MUST be plugged into the Stack port on the inverter as shown in figure 1.

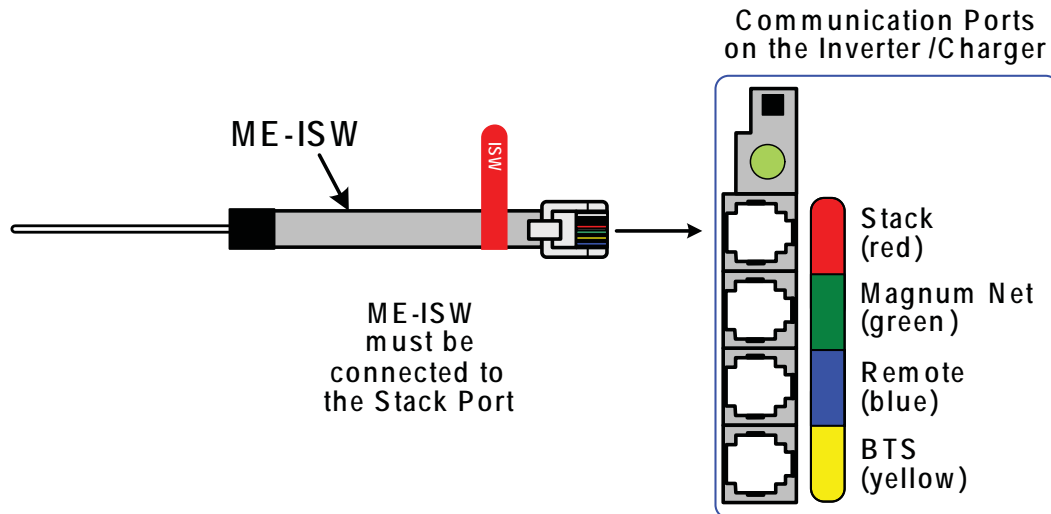


Figure 1, ME-ISW Connection to Inverter

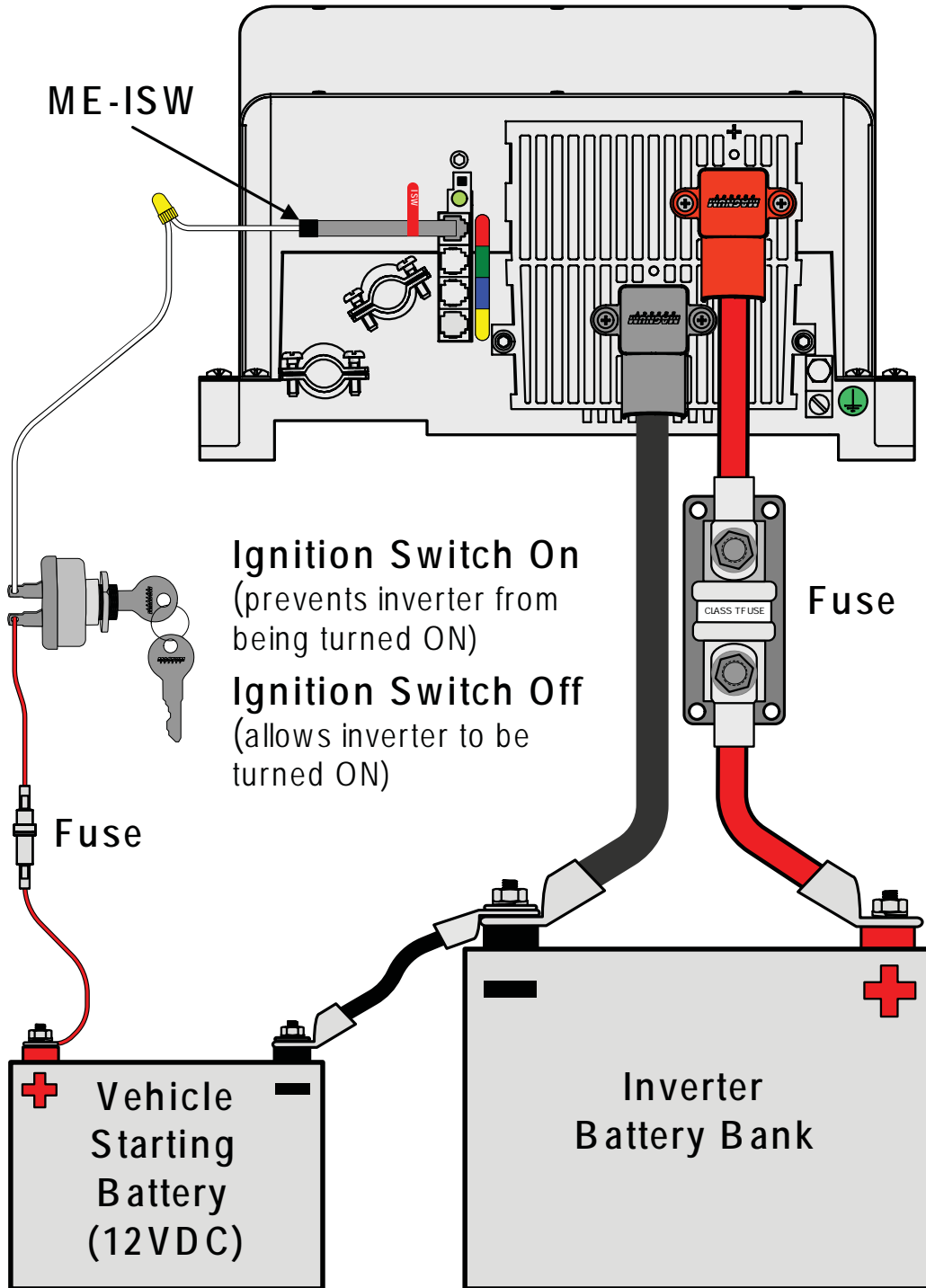
Operation Steps

1. The inverter automatically shuts off and the inverter on/off button on the inverter (and remote control, if connected) **is disabled** when the ignition switch is turned on (provides 12VDC to the ME-ISW pigtail wire).
2. The inverter on/off button (on inverter and remote panel) can be used to turn the inverter on/off when the ignition switch is turned off (removes 12VDC from the ME-ISW pigtail wire).



Info: The charger will continue to function and is not affected by the ME-ISW pigtail operation.

Magnum Energy Inverter /Charger (with Stack port)



The inverter automatically shuts off and the ON/OFF button on the inverter (and ME-RC remote control, if connected) is disabled when the ignition switch is turned on.

Figure 2, ME-ISW Installation