

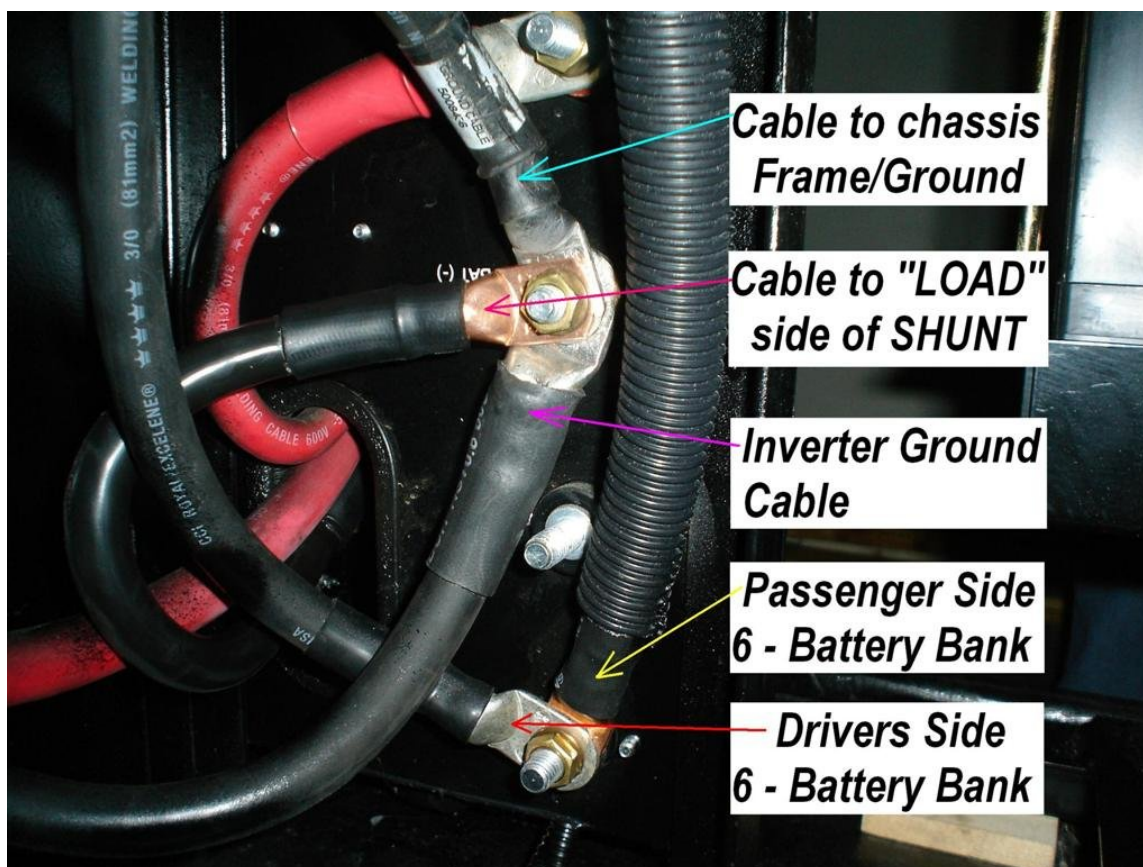


2010 43QGP Allegro Bus

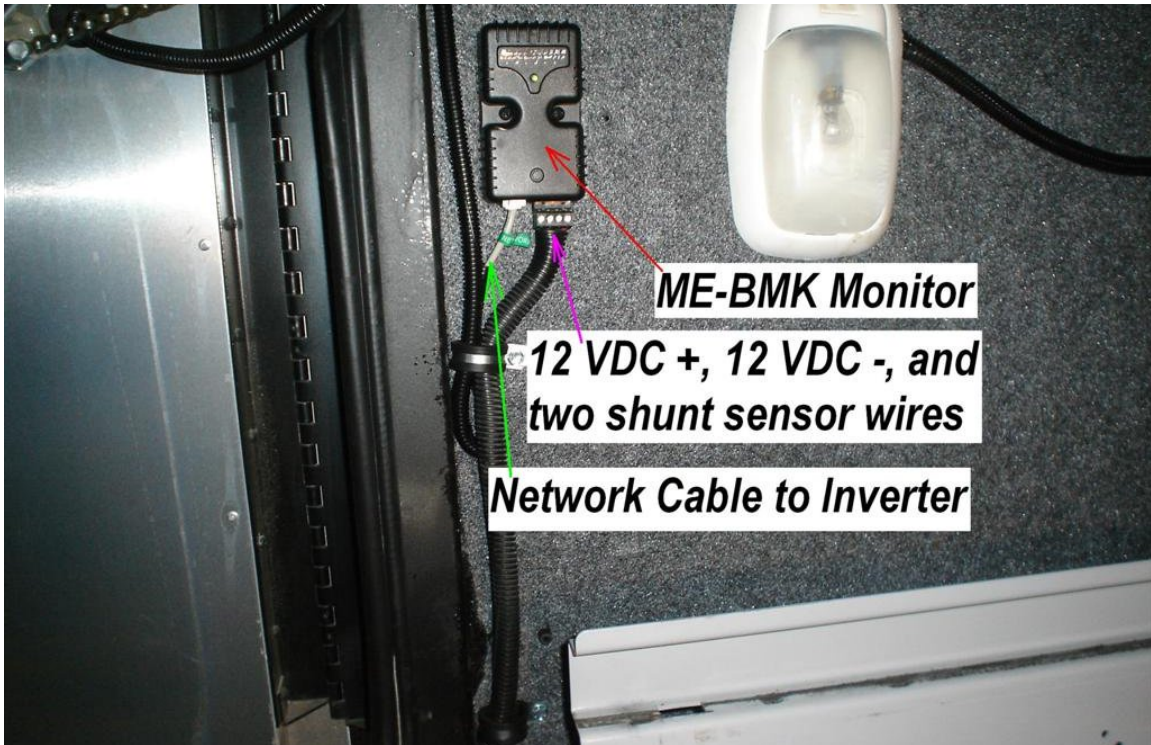
7/27/2011

THIRTY-SECOND - coach modification, **INSTALLING A MAGNUM BATTERY MONITOR KIT**. The magnum battery monitor is sold as the Magnum Energy ME-BMK (Battery Monitor Kit). The kit can be purchased on line or through Magnum Energy. The lowest price including shipping found at this time was through an E-bay seller for \$ 150.20.

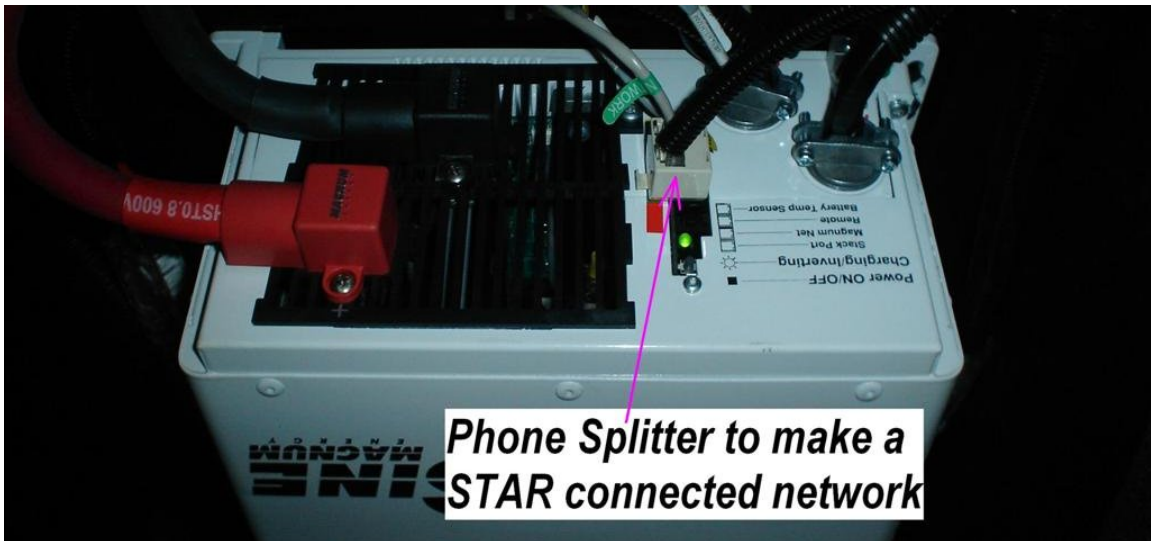
After reading the manual the first order of business was to sort the cables into two categories, one is the LOAD side and the second is the BATTERY side. Tiffin installed a copper ground bus bar to join three separate ground studs into one multi-terminal ground bus. To install the shunt the LOAD and BATTERY grounds need to be isolated from each other. To isolate the grounds the copper bus bar linking the three terminals was removed.



The LOAD cables are the ground cables to the chassis frame, the inverter ground cable they were both secured on an isolated ground stud then a new



The network cable to the inverter is a 10 foot data cable with standard RJ-11 connectors. In order to connect the network in a STAR pattern which can make trouble shooting easier than when the network is connected in a DAISY chain pattern a phone splitter is required. The splitter is plugged into the (green) network port then the original network cable is plugged into one port and the new ME-BMK monitor is plugged into the second port.



The ME-RC is programmed, the ME-BMK and everything is ready to roll.