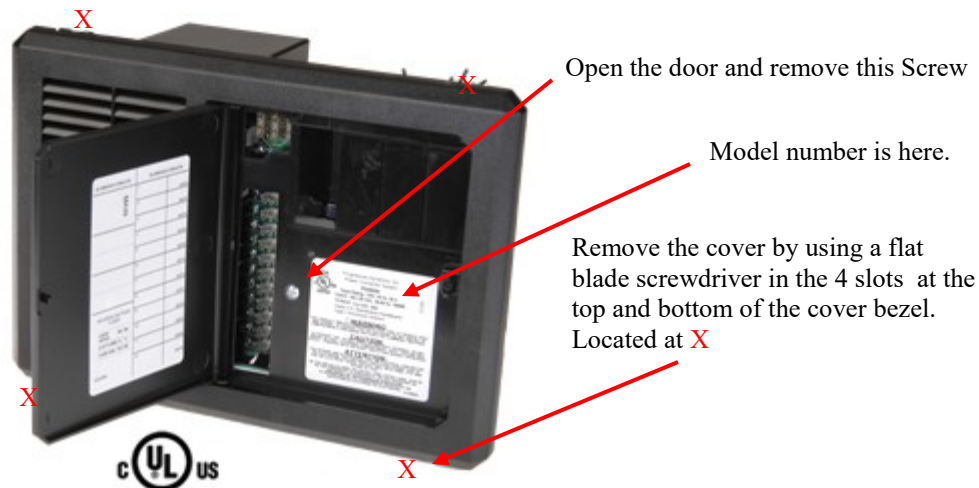


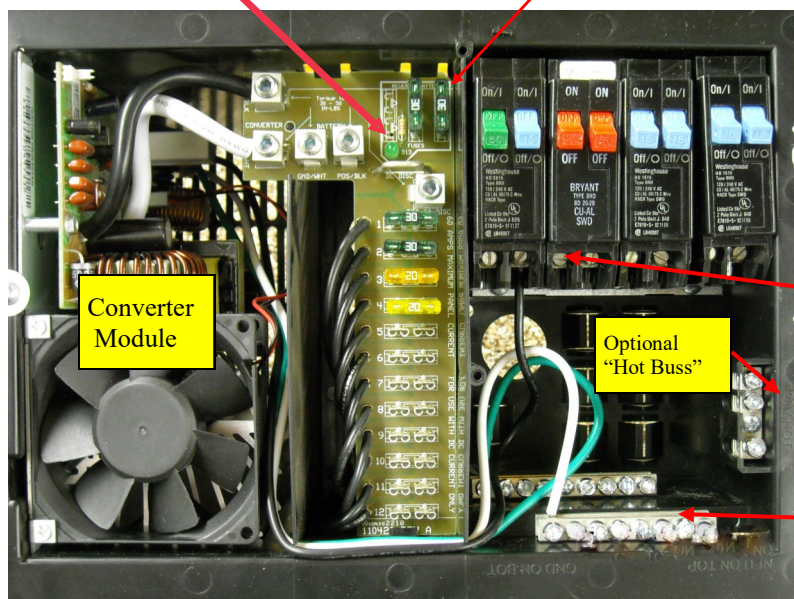


WARNING: Troubleshooting this unit involves exposure to live 120 VAC and should only be attempted by a qualified technician.



Green or Red LED "on" indicates Blown reverse battery protection fuses

Reverse Battery protection fuses



The Black wire from the converter may go directly to a breaker or to the "Hot Buss" and then to a breaker, on some models

Positive Probe on breaker that supplies converter

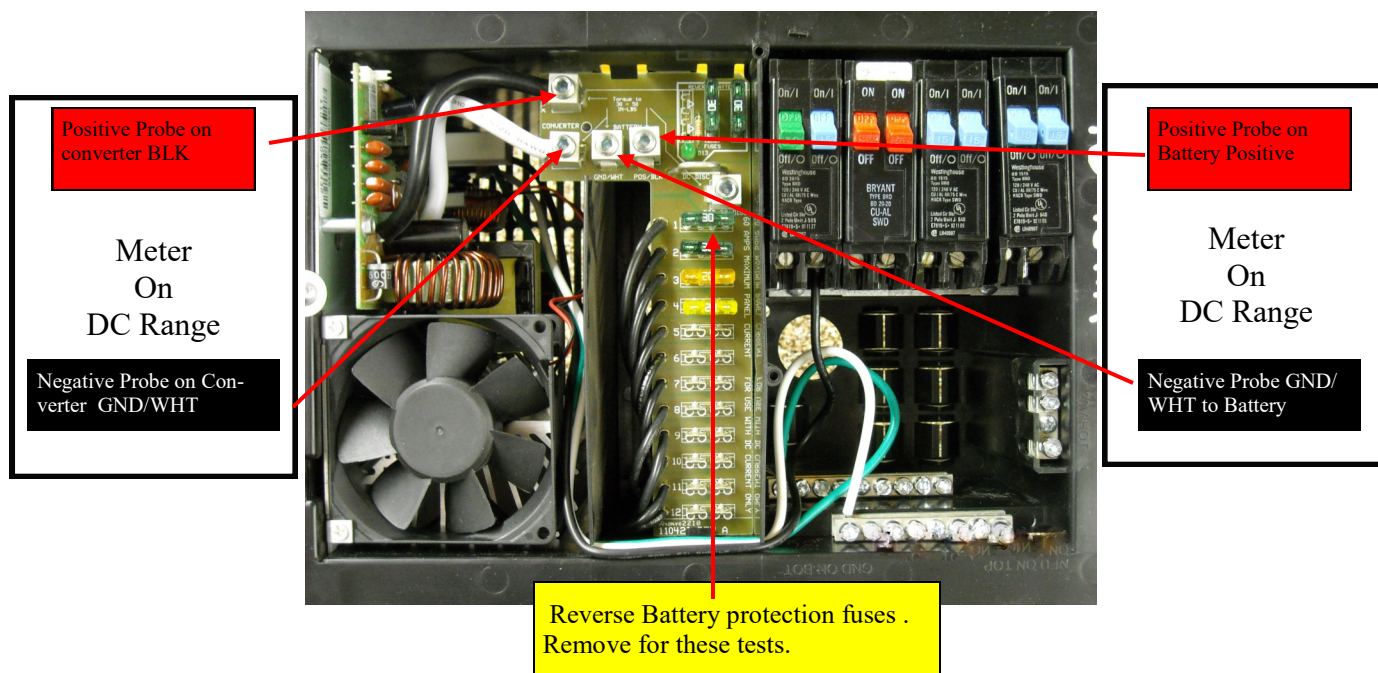
Meter On AC Range

Negative Probe on Neutral Bar

1. Remove the cover as shown above.
2. Connect the RV to Shorepower.
3. Check that there is 120VAC coming out of the breaker to the converter section.



WARNING: Troubleshooting this unit involves exposure to live 120 VAC and should only be attempted by a qualified technician.



4. Turn off the breaker to the converter and remove Reverse Battery Fuses. Verify they are both good and set them aside.

5. Turn the Converter breaker on and using a DC voltmeter Measure between the thick black and white wires at the BLK and GND terminals.

In Normal mode the reading should be 13.6 +/- .3 VDC

In Boost mode the reading should be 14.4 +/- .3 VDC.

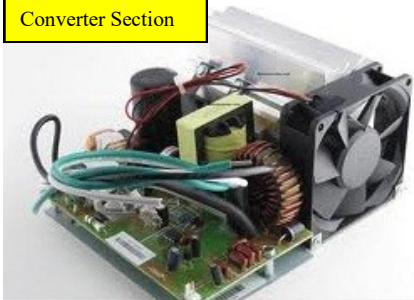
In Storage mode the reading should be 13.2 +/- .3 VDC

6. If not the converter section should be replaced.

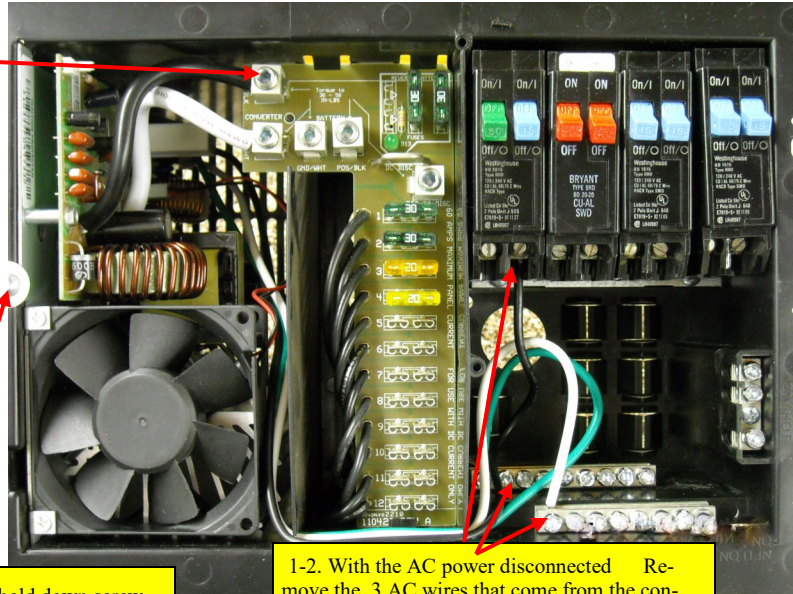
7. With the negative probe on GND/WHT and the positive probe on the Battery Positive lead you should read the battery voltage here. If not there is a problem with the leads to the battery. Check the inline fuse in the positive lead near the battery.

3. Using a 5/32 allen wrench disconnect the Black and White wires from the DC fuse panel.

Converter Section



4. Remove the hold down screw.



1-2. With the AC power disconnected Remove the 3 AC wires that come from the converter section.

Removing the converter module.

1. Remove all AC power to the RV.
2. Disconnect the Black Green and white wires in the AC section.
3. Using a 5/32 allen wrench disconnect the Black and White wires from the DC fuse panel.
4. 4 Remove the screw holding the converter in place.
5. Slide out the converter section.
6. On the inside of the there is a model number, use this to obtain the replacement section. PD4045CS or PD4060CS . The CS stands for converter section only. The replacement number may have a V after it designating new or an R designating Remanufactured.

Replacing the converter module.

1. With the AC power off, Slide in the new converter section.
2. Re-connect the Black Green and white wires in the AC section.
3. Using a 5/32 allen wrench re-connect the Black and White wires from the DC fuse panel.
4. Replace the screw holding the converter in place.
5. Turn on the AC power and verify operation.

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