

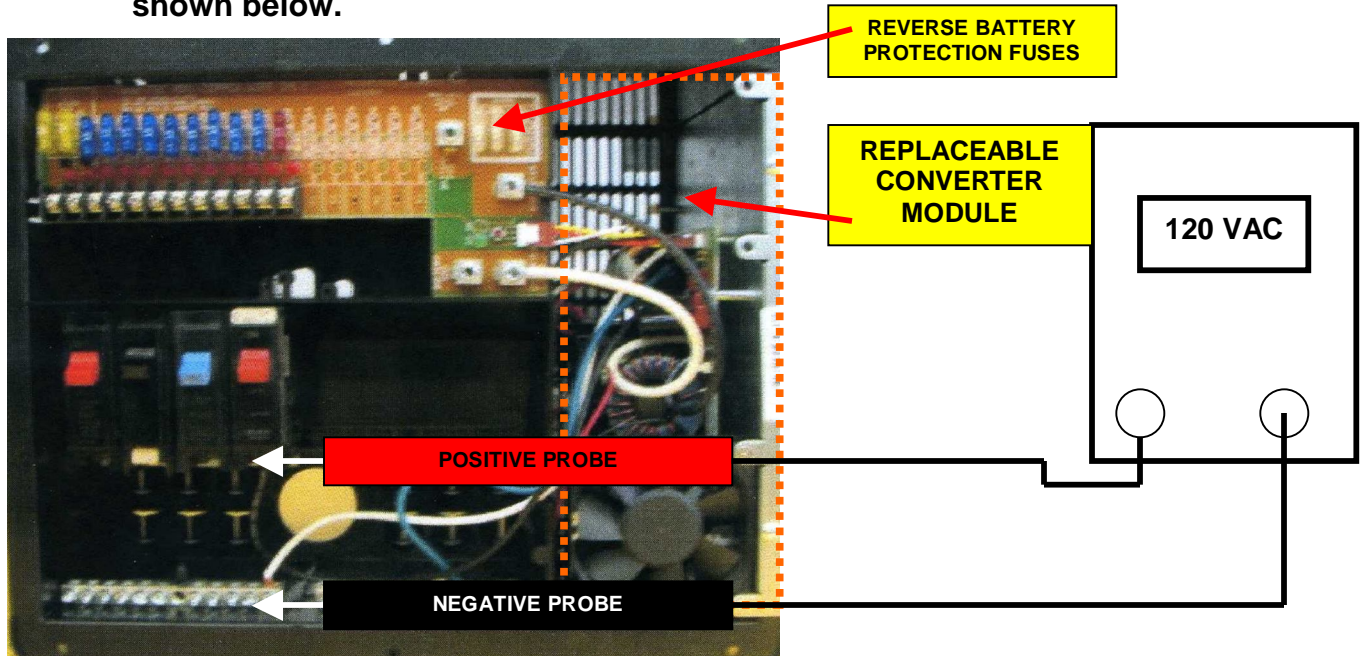


PROGRESSIVE DYNAMICS, INC.

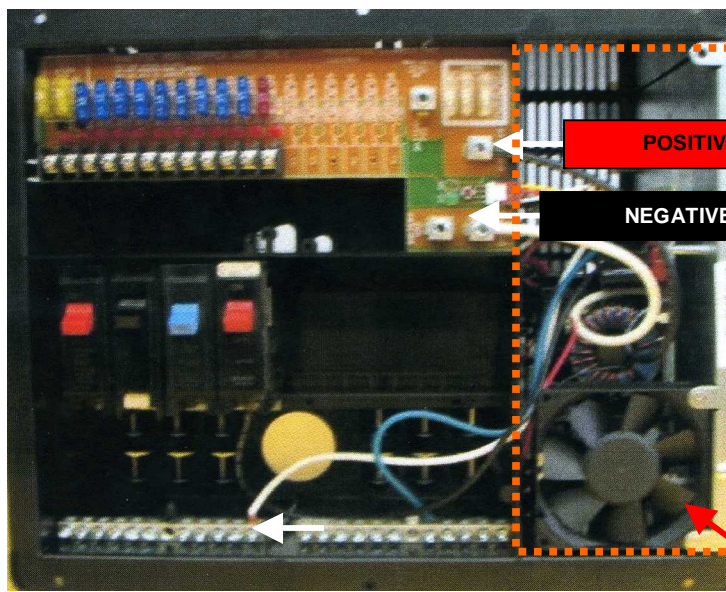
PD4300 SERIES TROUBLE SHOOTING INFORMATION

Note: Trouble shooting this unit involves exposure to live 120 VAC and should only be attempted by a qualified technician.

1. Remove front cover to expose the AC and DC wiring compartment as shown below.



2. Connect the RV to Shore Power, then using a digital voltmeter check to see that 120 VAC is available to power the Converter Module as shown above. Note: place Positive Probe on the circuit breaker to which the BLACK WIRE from the Converter Module is connected.
3. Check to see if the Reverse Battery Fuses are blown, if so replace them. Note: The only thing that will blow these fuses is if the battery leads were connected in reverse, even for a second.
4. With the AC power still "ON" you must now test to see if the Converter Section of the system is operating properly as follows:
 - A. Remove the Reverse Battery Protection Fuses (see next page).
 - B. Using a digital voltmeter check to see that the converter output reads between 13.3 and 13.9 volts DC (See photo on next page). If the voltage is in this range, the converter is operating properly. If the voltage is above or below this voltage, the converter section has failed and must be removed and replaced.



REMOVE ALL REVERSE BATTERY PROTECTION FUSES TO CHECK THE DC OUTPUT OF THE CONVERTER SECTION.

POSITIVE PROBE

NEGATIVE PROBE

13.8 VDC

NOTE: DO NOT REMOVE THE ENTIRE AC/DC DISTRIBUTION PANEL FROM THE RV. REMOVE ONLY THE CONVERTER MODULE!

REPLACEABLE CONVERTER MODULE

REMOVING THE CONVERTER MODULE

1. Disconnect all AC power from the RV.
2. Disconnect the converter AC Power Black, White and Green power wires from the Circuit breaker, Neutral and Ground busses.
3. Disconnect the Black and White DC output wires from the DC Fuse Panel.
4. Disconnect the Charge Wizard Indicator Plug.
5. Remove two Hold Down Screws, and then slide out the CONVERTER MODULE.

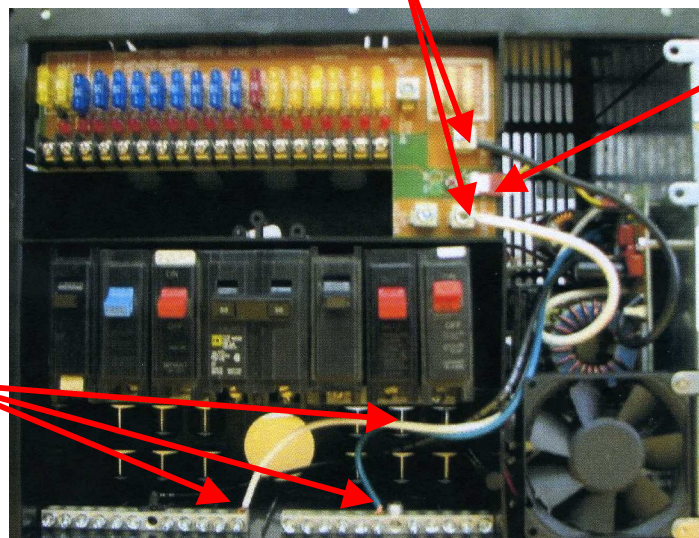
STEP #1
REMOVE ALL AC
POWER FROM THE RV

STEP #3
DISCONNECT THE BLACK (POSITIVE) AND
THE WHITE (NEGATIVE) WIRES FROM THE DC
FUSE PANEL

STEP #4
DISCONNECT THE
CHARGE WIZARD
INDICATOR
LIGHT
PLUG

STEP #2
DISCONNECT BLACK,
WHITE AND GREEN
CONVERTER AC
POWER WIRES

STEP #5
REMOVE THE TWO HOLD
DOWN SCREWS, THEN
PULL OUT THE
CONVERTER MODULE.



REPLACING THE CONVERTER MODULE

Note: At this time, there is only one Replacement Converter Module available.

Model # - PD4560CS (60-Amp Converter Module, with built-in Charge Wizard)

1. Slide the new Converter Module into the Distribution Panel and reinstall the two hold down screws.
2. Reconnect the Charge Wizard plug.
3. Reconnect the Black and White DC output wires on the DC Fuse Panel.
4. Reconnect the Converter AC Power wires (Black, White and Green) their proper locations on the Circuit breaker (Black), Neutral Bus (White) and Ground Bus (Green).
5. Apply AC power to the RV and test to see if the new converter is operating properly using the test procedures above.

**Progressive Dynamics, Inc.
Service Department
507 Industrial Road
Marshall, MI 49068**

Phone 269-781-4241 Ext. 143

E-mail service@progressivedyn.com

