

## WFCO RV 55 AMP Power Converter Replacement Process Document

This process document corresponds to the YouTube video: [Power Converter Replacement - Step-By-Step](#). Please watch this video for visual understanding of the process. If you are getting started, many of the items mentioned are available on our [Amazon storefront](#). If this process is of value, we appreciate you starting your shopping from our store as it helps support the channel.

### Problem Indicators...

- 1) Monitor panel shows battery not fully charged when plugged into shore power.
- 2) Disconnected battery and no 12-volt items work – LED lights/fan/thermostat anything that works on battery power won't work.

### Temporary Fix If Out Camping...

Purchase a [battery charger](#)\*, plug it into the outside outlet of your RV and connect directly to the RV battery. It may just salvage your trip.

### Solution – Replacement of Power Converter...

Converter has a 2-year warranty, so if the defective one is still under warranty, contact WFCO (manufacturer) to send the unit back. If you can't wait for the replacement to arrive, [order one from Amazon](#)\* (at your cost). You must send the defective unit in for testing/replacement to WFCO. Here is the process:

1. Go to [wfcoelectronics.com/warranty-returns](http://wfcoelectronics.com/warranty-returns) and download the warranty claim form.
2. Fill out a warranty form.
3. Fax or email the form to WFCO according to instructions.
4. Receive an RGA number from WFCO.
5. Mail the defective unit to WFCO according to instructions.
6. They will inspect the broken unit and confirm defect.
7. They will mail you a replacement unit.

### Tools Needed to Replace the Converter...

1. Needle nose pliers
2. Flat head screwdriver
3. Phillips bit – P3
4. Square bit – S2

### Steps to Replace the Converter ([see video for details](#))

#### Remove Defective Converter

1. **Disconnect power (shore & battery) first!!**
2. Remove 2 screws attaching the cover of the WFCO Distribution Center.

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3. Remove 2 screws to release the converter/charger and take photos before disconnection any wires.
4. Remove the fuses (Optional).
5. Fuse side: Loosen the white & raspberry-colored wires.
6. Remove the fuse panel (snaps in place).
7. Release the white & raspberry wires (pulling through the hole in housing).
8. Breaker side: Loosen the green wire (pulling through the hole in housing).
9. Loosen the white wire (pulling through the housing).
10. Loosen the black wire (pulling through the housing).
11. Set aside the old converter.

### **Install New Converter ([see video for details](#))**

1. Thread the black, white and green wires through breaker-side hole.
2. Attach the black wire.
3. Attach the green wire.
4. Attach the white wire.
5. Thread the white & raspberry wires through the fuse side hole.
6. Attach the white & raspberry wires.
7. Snap the fuse panel back into place.
8. Slide the converter/charger into place and reattach the two holding screws.
9. Replace the fuses (if removed). Use photo taken earlier.
10. Reattach the Distribution Center cover.
11. Reattach to shore power (lights should work if done correctly).
12. Reconnect the battery (battery should charge if done correctly).

Please be familiar with this process by [watching the associated YouTube first](#).

**!! If at any point you are not comfortable performing this replacement, please contact a local RV service center or mobile technician to have the work completed. Always remove any power source before performing these instructions!!**

\* - As an Amazon Associate, I earn from qualifying purchases.