HOW TO FLOAT THE NEUTRAL THE NEUTRAL

iGen11000DFc

OVERVIEW:

The Westinghouse iGen11000DFc generator is wired with the neutral bonded to ground. If you are connecting your generator to a Transfer Switch, a licensed electrician will need to consider removing the bonded neutral to ensure proper operation of household GFCI circuits.

If the bonded neutral is disconnected, the generator must be relabeled as "Floating Neutral" on the control panel. Disconnecting the bonded neutral may not allow proper operation of the generators GFCI receptacles.

Follow the steps below to float the neutral on the Westinghouse iGen11000DFc.

TOOLS REQUIRED:

- #2 Phillips Screwdriver
- Side Cuts
- Electrical Tape

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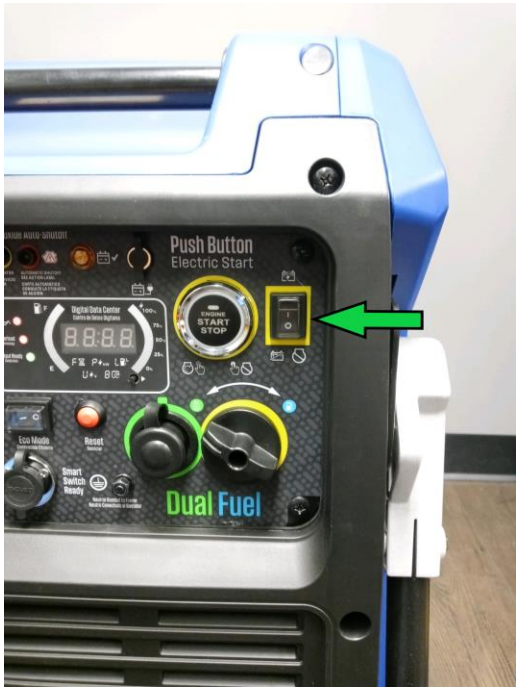
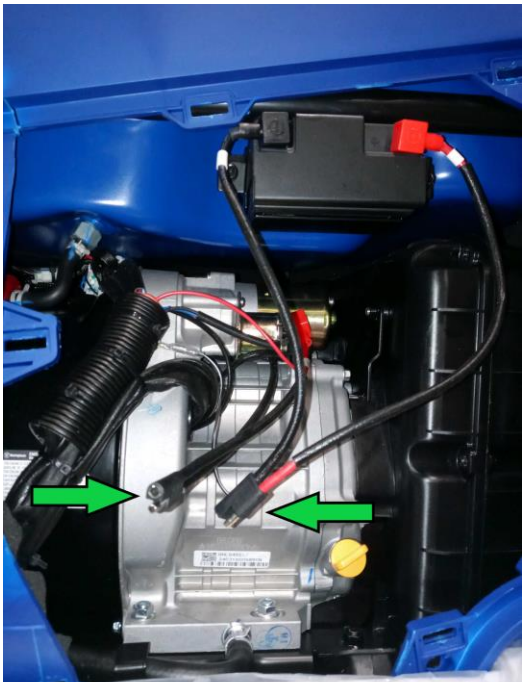
STEP 1:

- Verify that the generator is OFF.
- Disconnect the battery.





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STEP 2:

- Remove the Front Cover.
    - Remove the surrounding (x8) Phillip Screws indicated in the image below.

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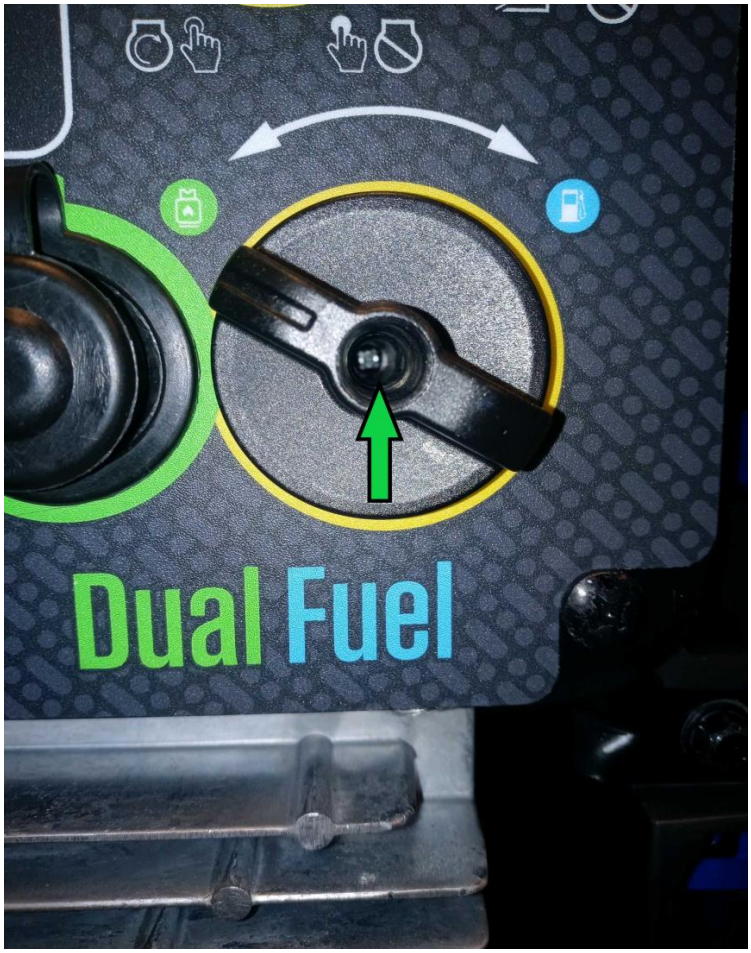
STEP 3:

- Remove the Fuel Selector Knob.
    - Remove the Phillip Screw inside of the Fuel Selector Knob.



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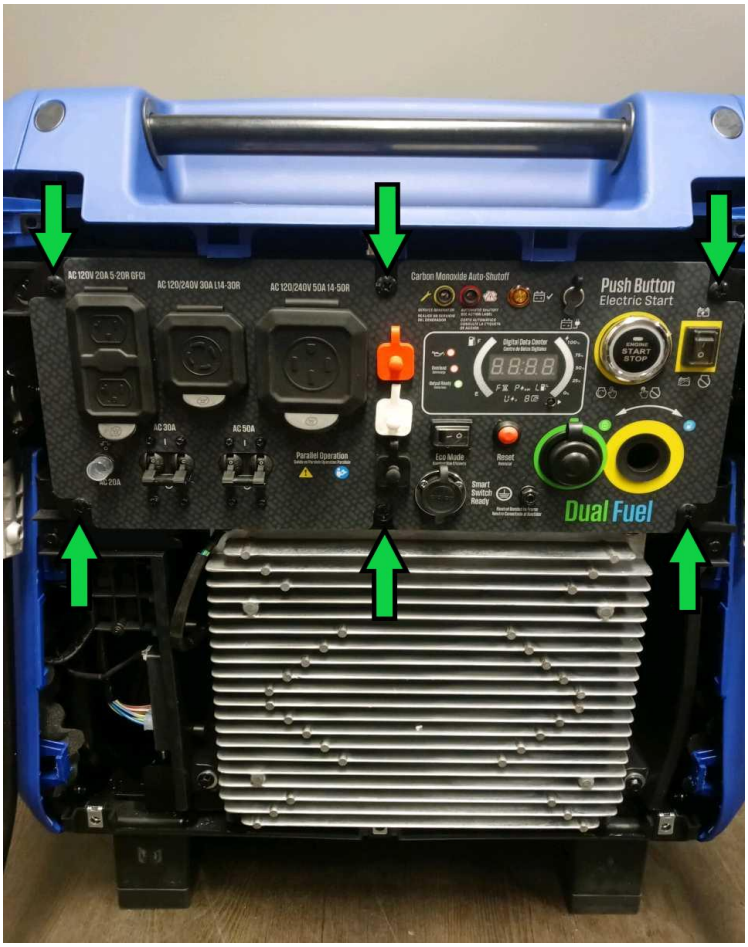
STEP 4:

- Remove the Control Panel.
    - Remove the surrounding (x6) Phillip Screws indicated in the image below.



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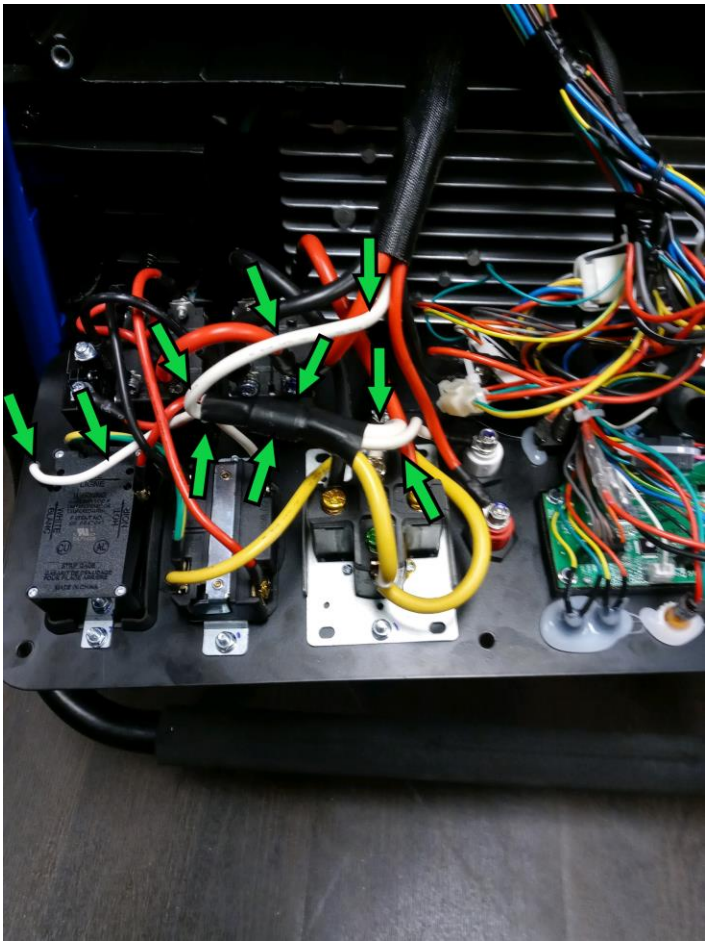
STEP 5:

- Locate the white Neutral Wires connected to the Receptacles.
  - Indicated in the image below.



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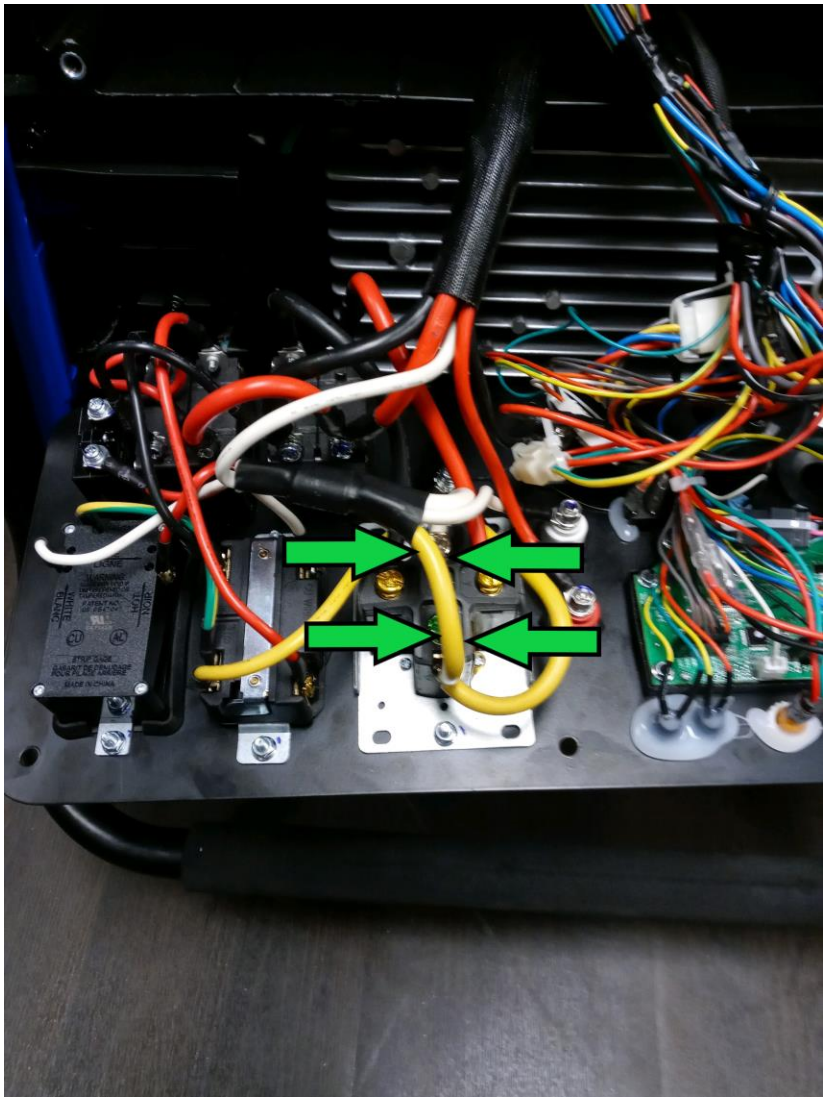
STEP 6:

- Locate the yellow/green Ground Wire that is connected to the white Neutral Line bundle.
  - Indicated in the image below.



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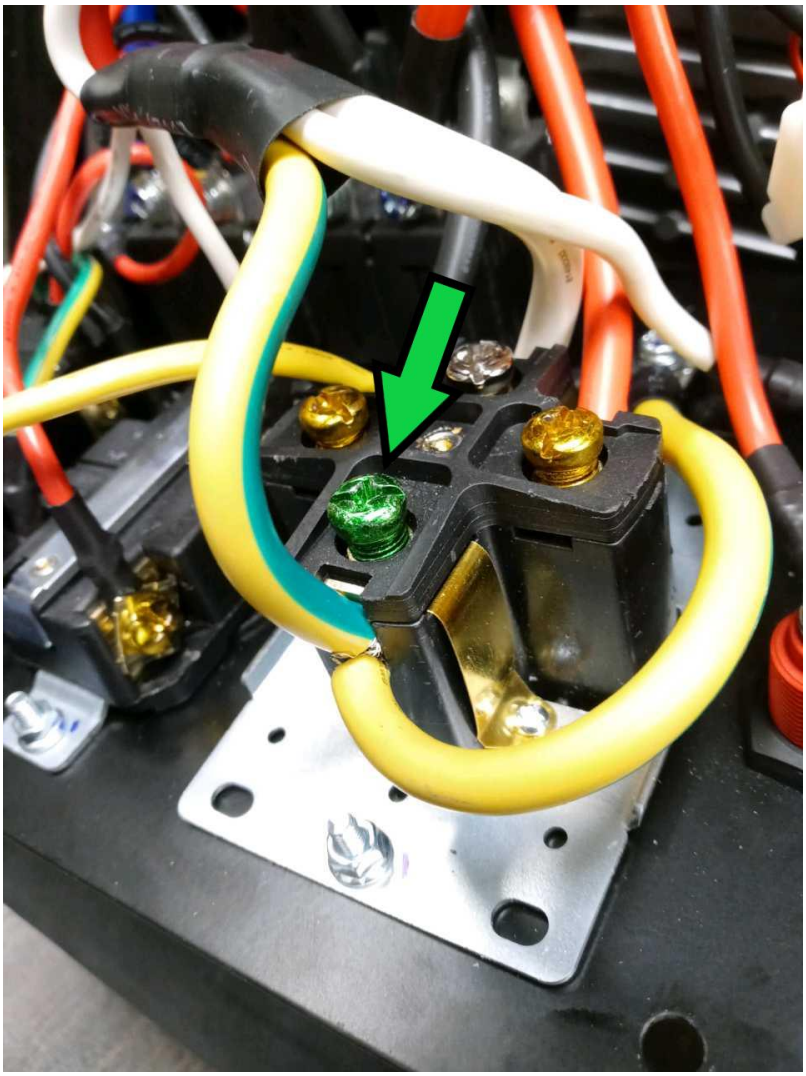
STEP 7:

- Remove the yellow/green Ground Wires from the 14-50R Receptacle.
    - Remove the Green Phillip Screw securing the Ground Wires to the receptacle indicated in the image below.



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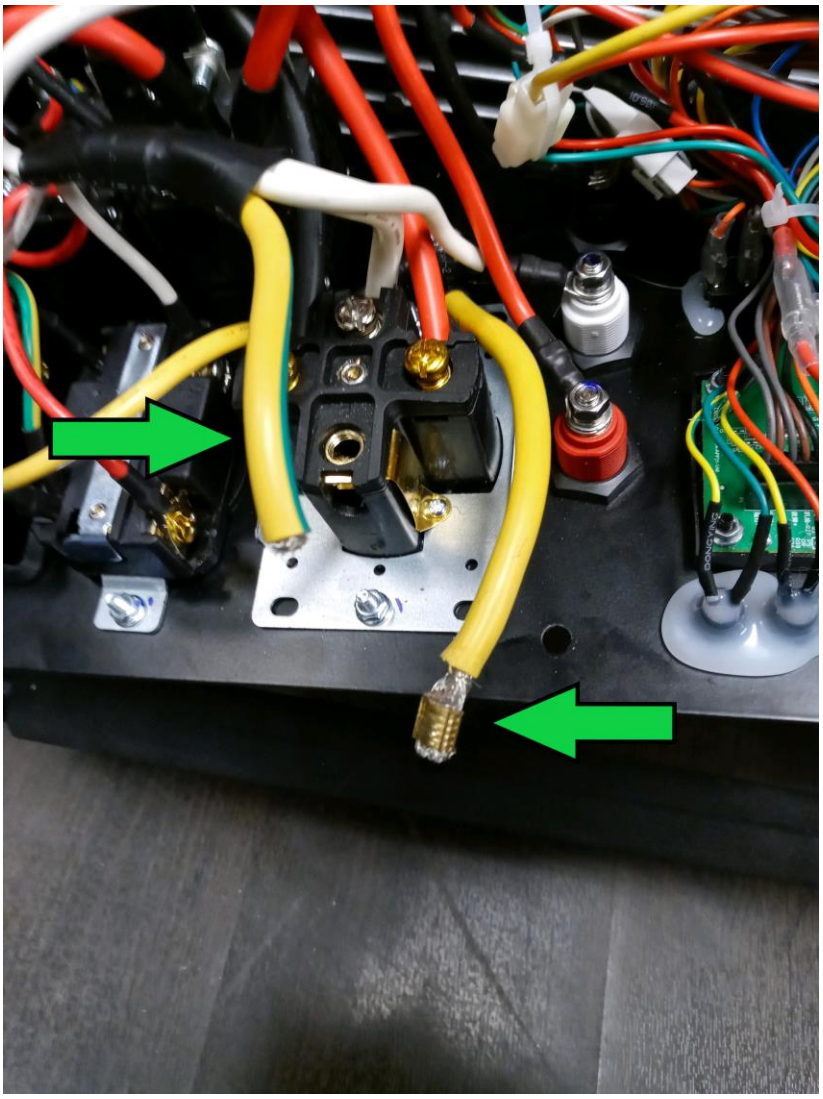
STEP 8:

- Separate the two yellow/green Ground Wires.
  - Using Side Cuts, cut the yellow/green Ground Wire.
  - Be sure to cut the wires leaving the crimped piece on the yellow/green Ground Wire that is ***NOT*** bonded to the white Neutral Wires, indicated in the image below.



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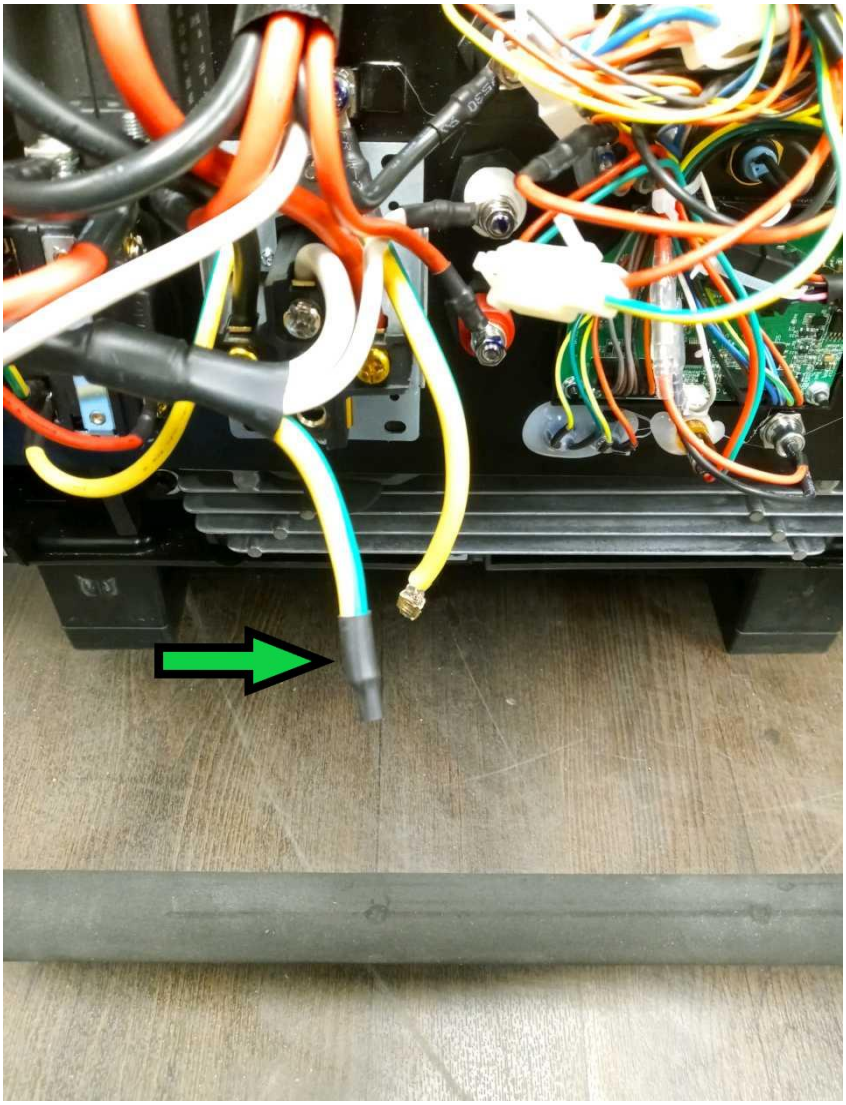
Step 9:

- Cap off the yellow/green Ground Wire.
    - Using Electrical Tape or Heat Shrink, cover the exposed wires of the yellow/green Ground Wire that is bonded to the white Neutral Wires, indicated in the image below.



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STEP 10:

- Re-Install yellow/green Ground Wire into the 14-50R Receptacle.
    - Install the yellow/green Ground Wire with the crimped piece back into the 14-50R Receptacle indicated in the image below.

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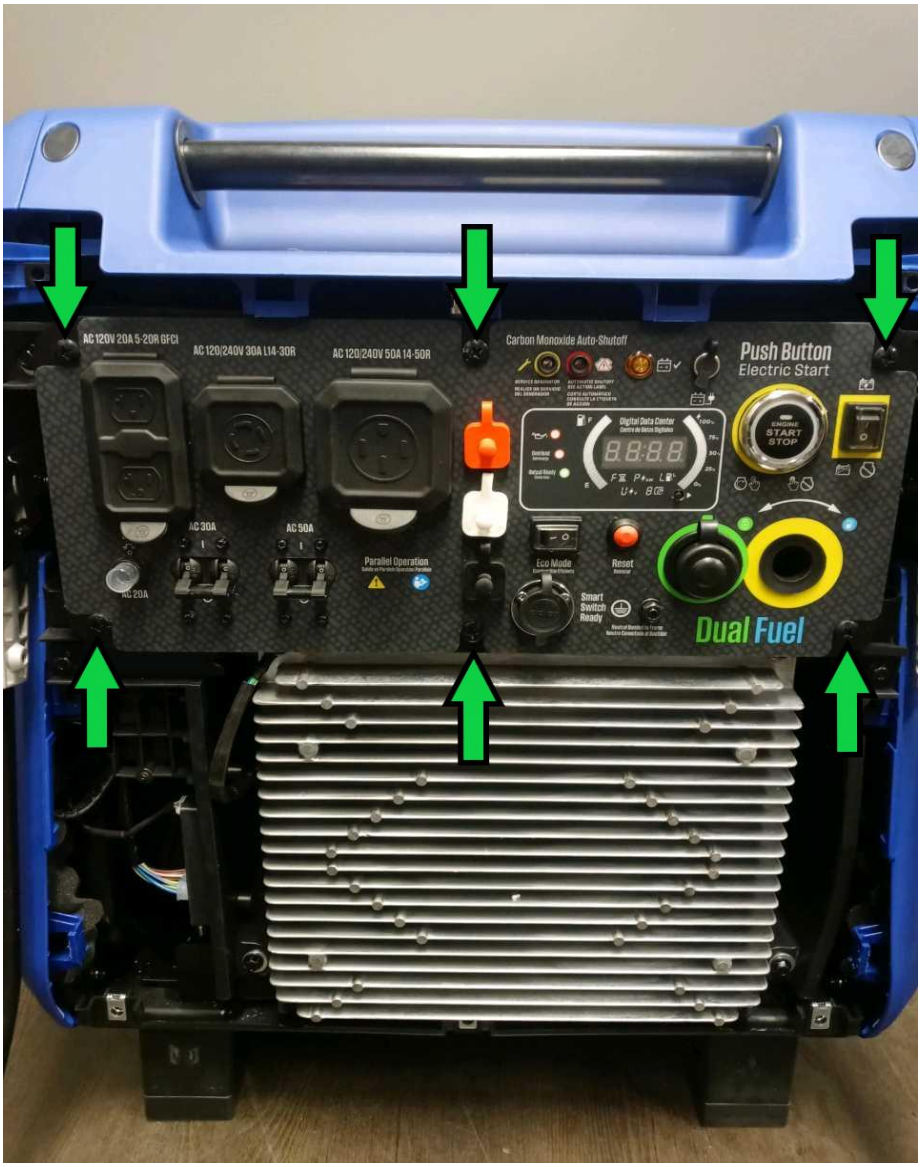
STEP 11:

- Re-install Control Panel
    - Secure the Control Panel to the Frame using the (x6) Phillip Screws.



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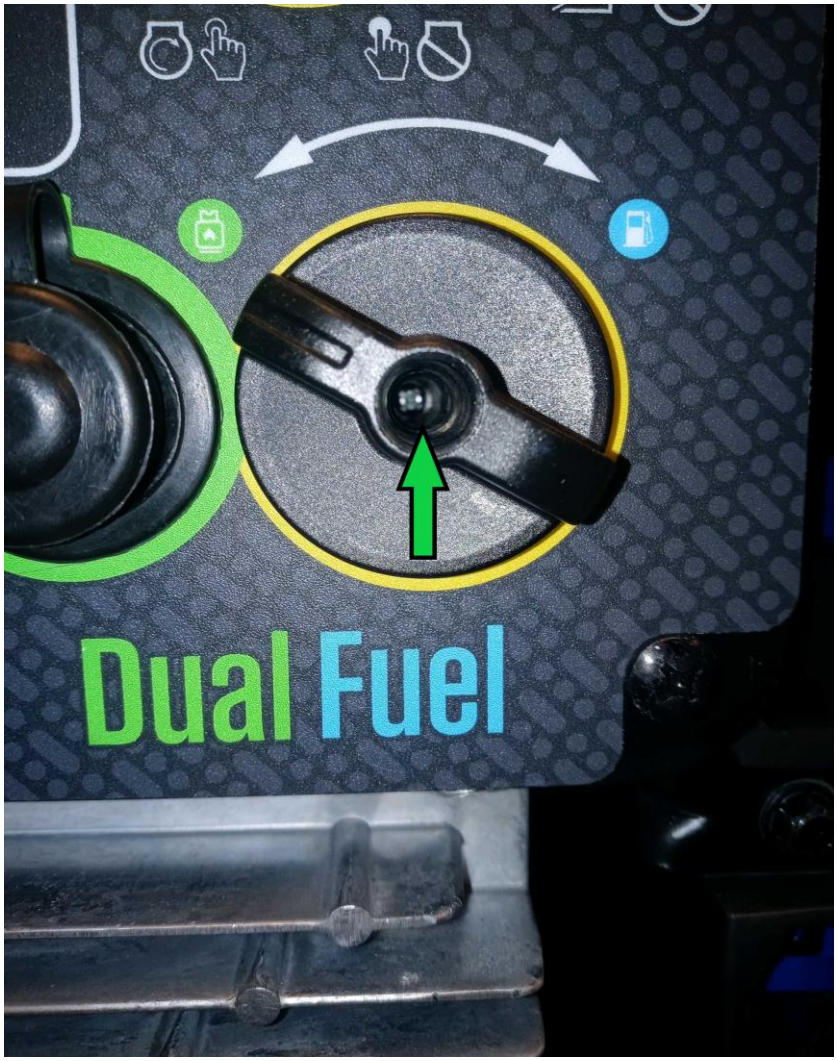
STEP 12:

- Re-install Fuel Selector Knob.
    - There is a rounded corner where the Knob connects to the Valve, Align this rounded corner with the rounded corner of the Valve.
    - Secure with the Phillip Screw.



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STEP 13:

- Re-install Front Cover.
    - Secure the Front Cover to the Frame with the (x8) Phillips Screws.

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STEP 14:

- Re-label the generator as a ***"FLOATING NEUTRAL"***.
    - Under the Control Panel Grounding Stud, it states the unit has a "Bonded Neutral". Place a label over these words stating that the unit now has a "Floating Neutral".
- **Skipping this step may harm anyone servicing the generator.**