

Manual N2 Series-104 Voltage Adjust of A4988-v1.0

Preparation:

1. Unload filament.
2. Move the build plate to center height.
3. Turn off the power.

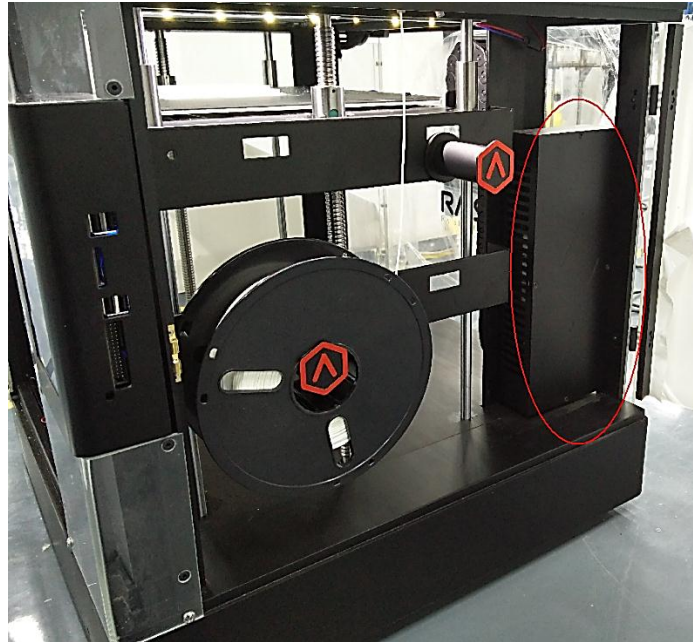
Tools:

- Multimeter
- 2mm hex wrench
- Small Philips head screwdriver (The one we use here is 2mm in diameter)



Step 1:

Locate the electronic box located at the right side of your printer.

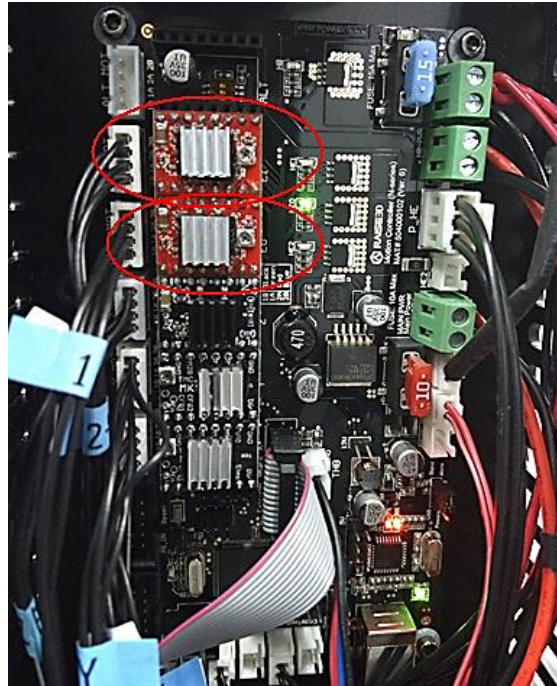
**Step 2:**

Unscrew the four attachment screws with the 2mm hex wrench to remove the cover.

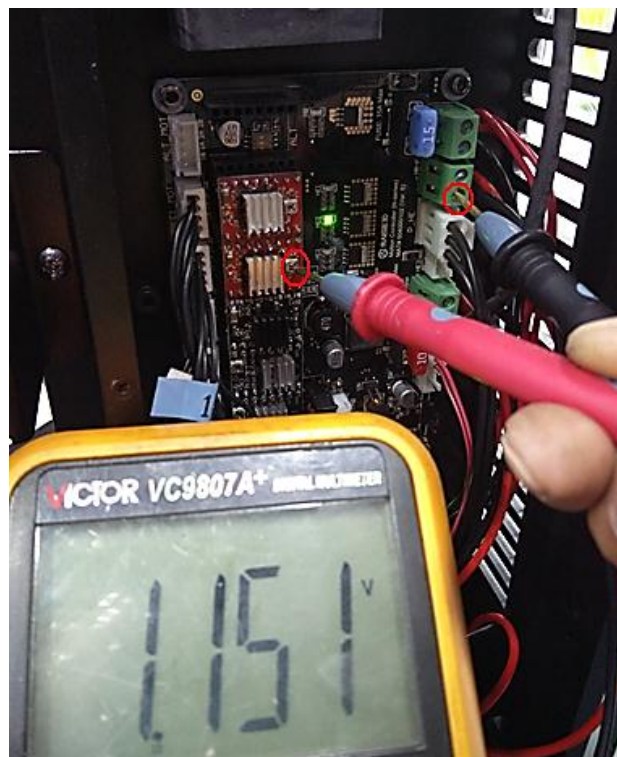


Step 3:

Shown below are the two adjustable A4988 stepper drivers (Red).

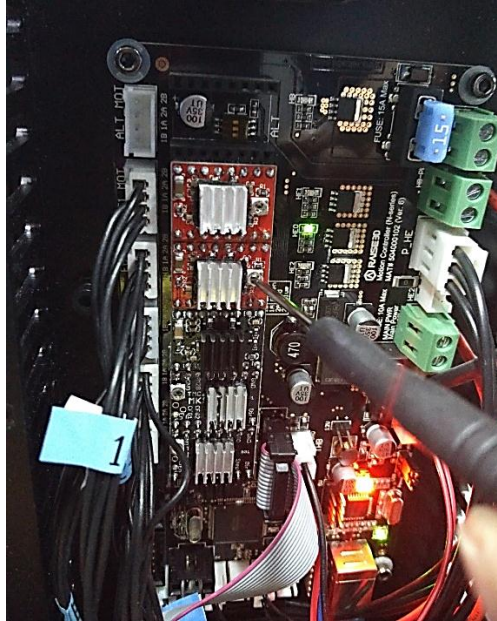
**Step 4:**

Using the multimeter, touch the red probe to the adjustable screw on the driver. Touch the black probe to the lower screw of the second green terminal (this is the negative electrode of the heat board). Then multimeter should display the current voltage of the driver.

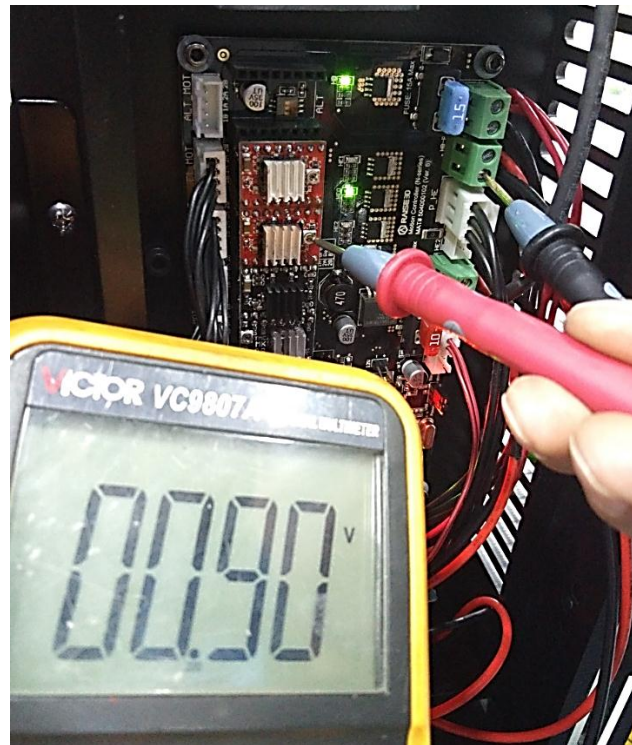


Step 5:

Use your Philips head screwdriver to turn the adjustable screw. The voltage will go up when turned clockwise, and down when turned counterclockwise.

**Step 6:**

Make changes slowly and measure the voltage periodically until the measurement reads 0.9V. Repeat last two steps until the goal of 0.9V is reached.



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