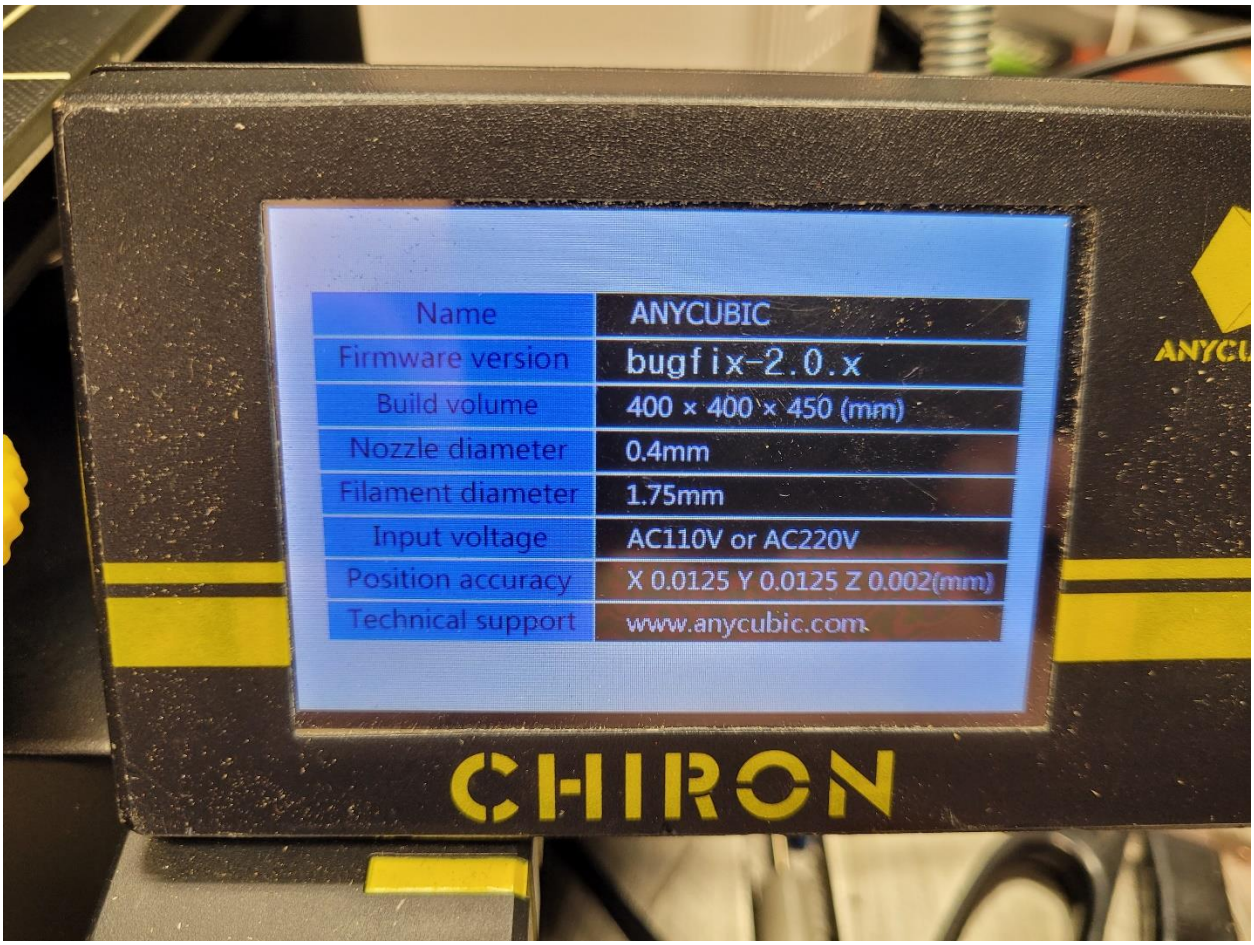
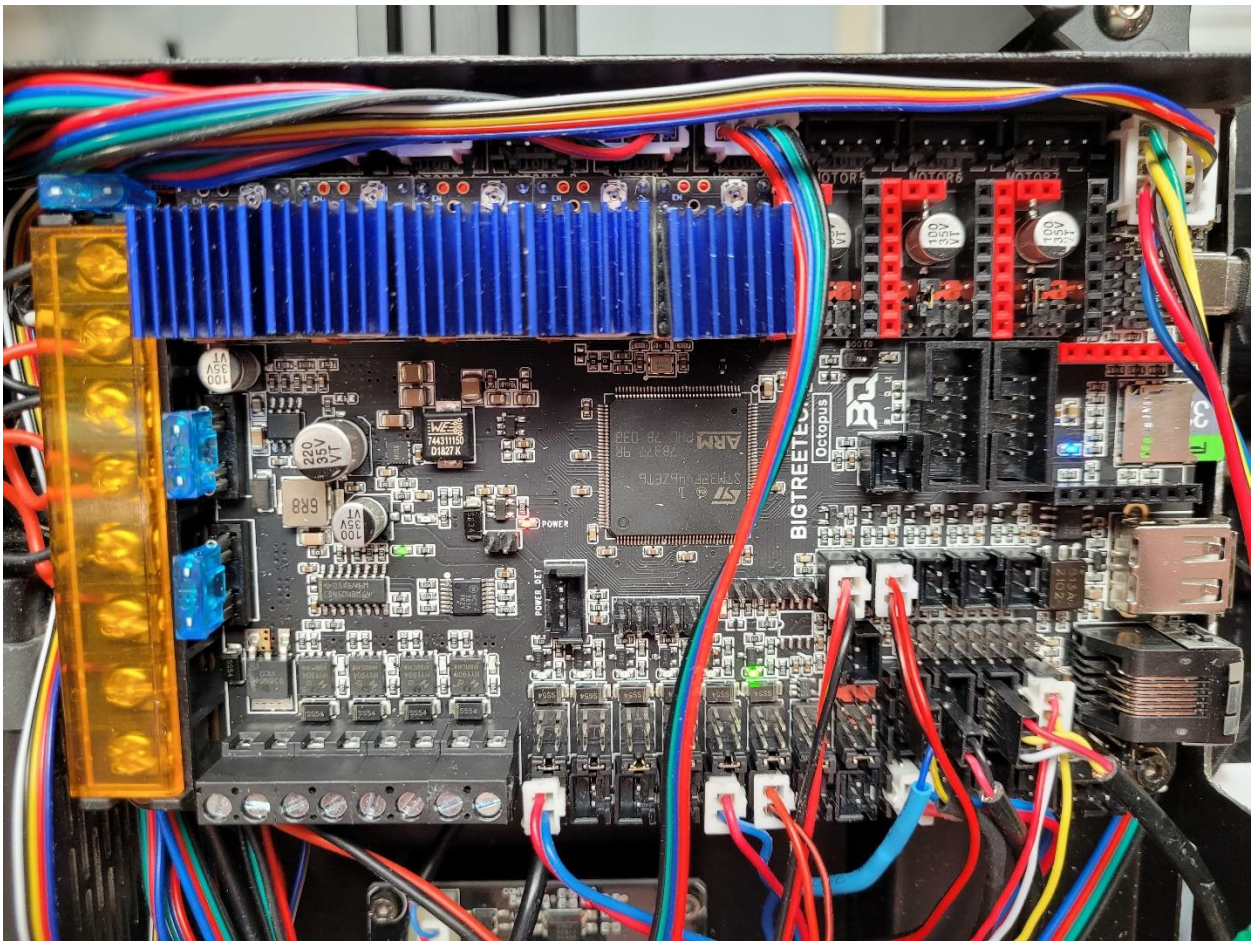
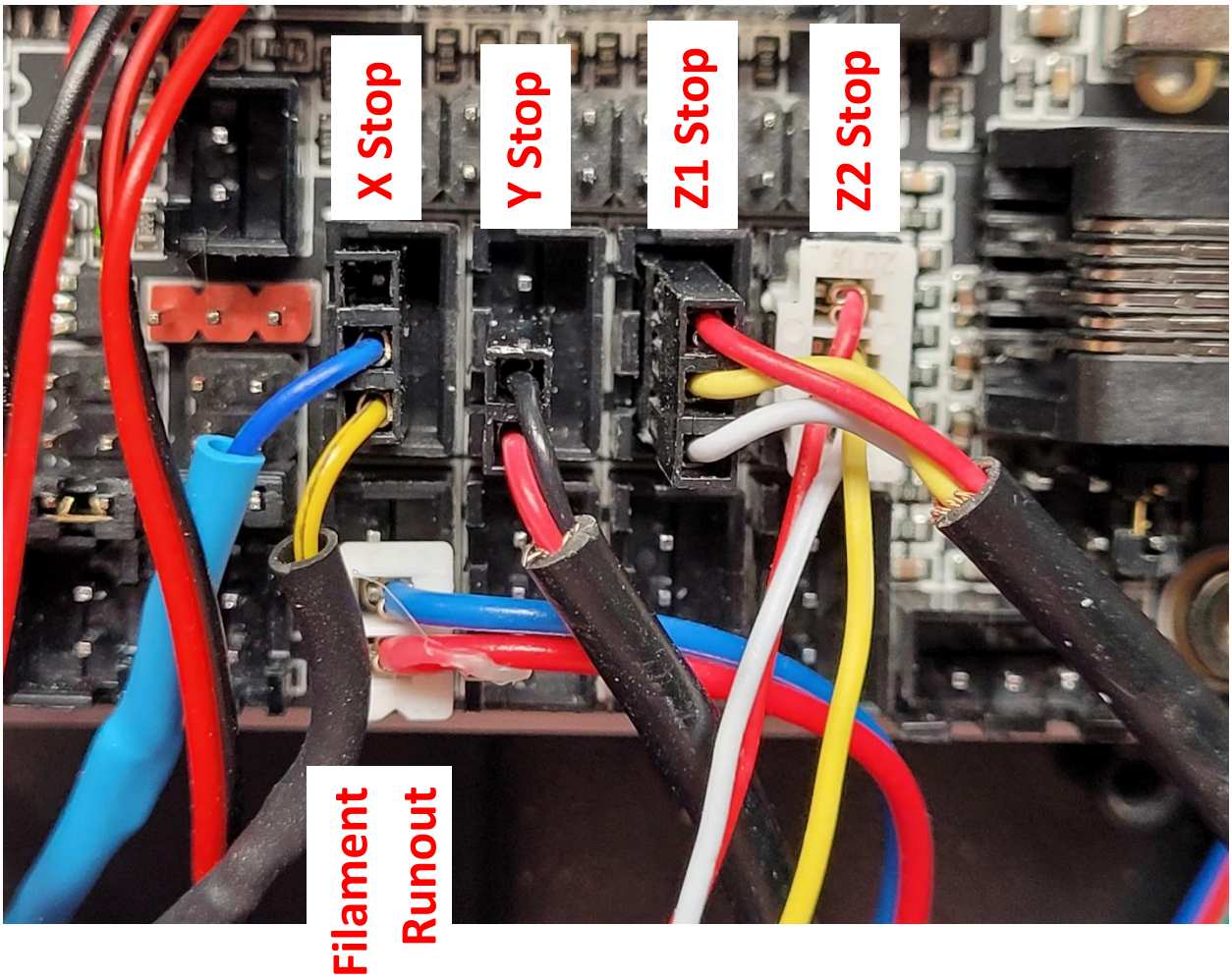
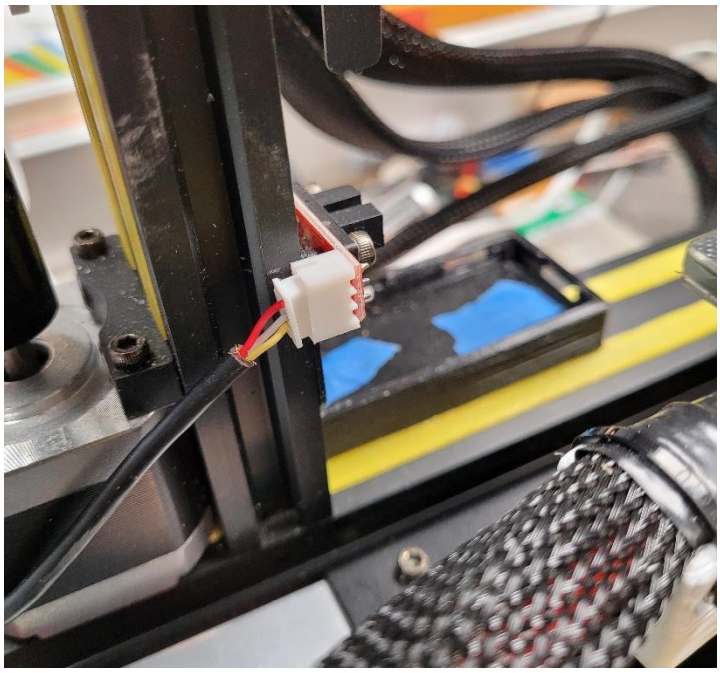

Name
ANYCUBIC
Firmware version
bugfix-2.0.x
Build volume
400 × 400 × 450 (mm)
Nozzle diameter
0.4mm
Filament diameter
1.75mm
Input voltage
AC110V or AC220V
Position accuracy
X 0.0125 Y 0.0125 Z 0.002(mm)
Technical support
www.anycubic.com
CHIRON

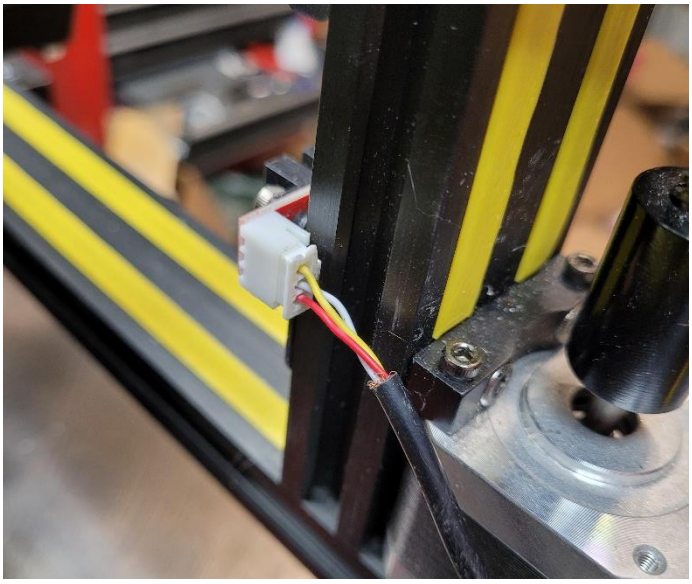

BIGTREETECH
Octopus
POWER
POWER_OUT
MOTOR5
MOTOR6
MOTOR7



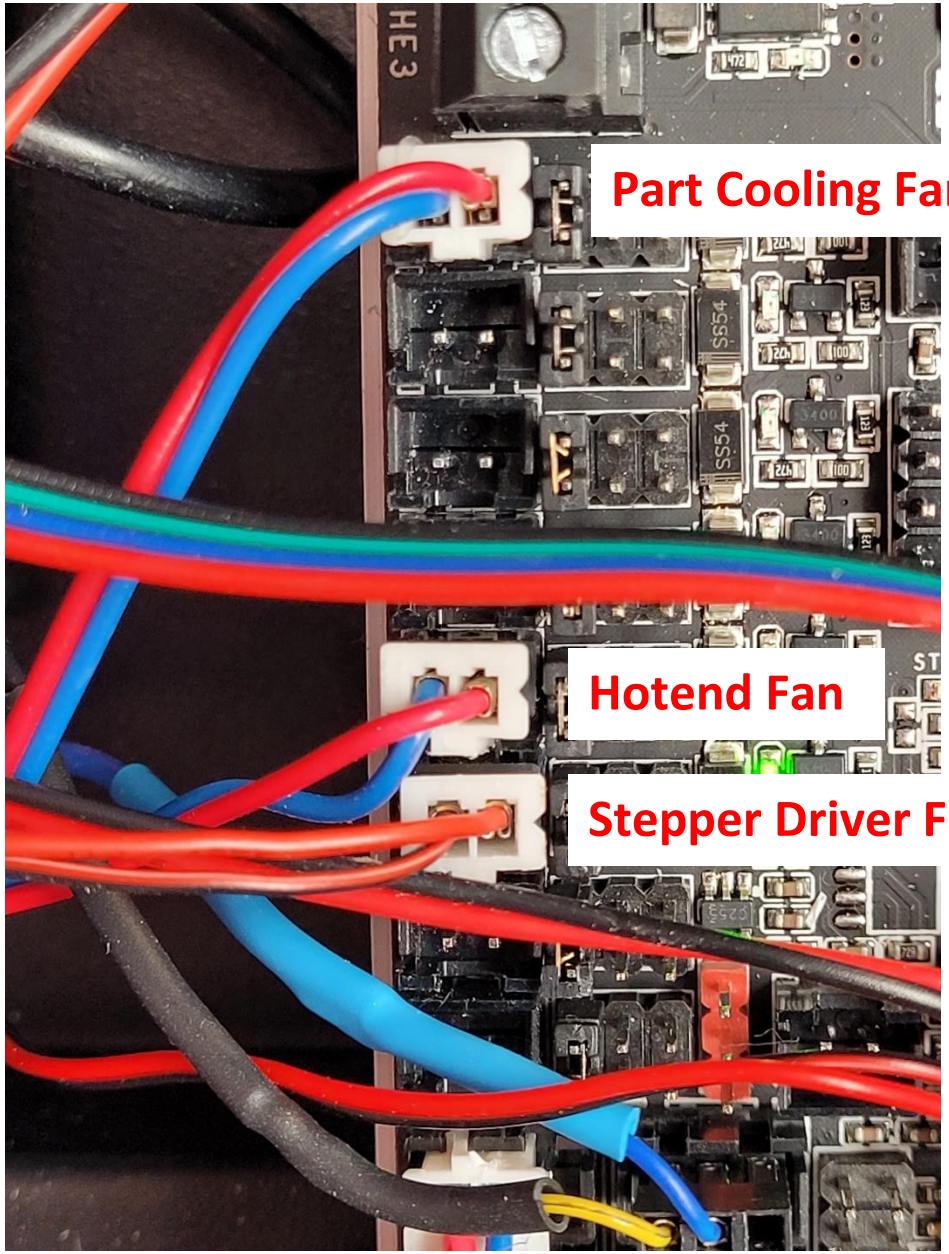
Note that all DIAG jumpers are removed since hardware endstops are used. Note that I had to change the pin order on at least one of the Z stops. The sensor ends of the cables are shown on the next page.

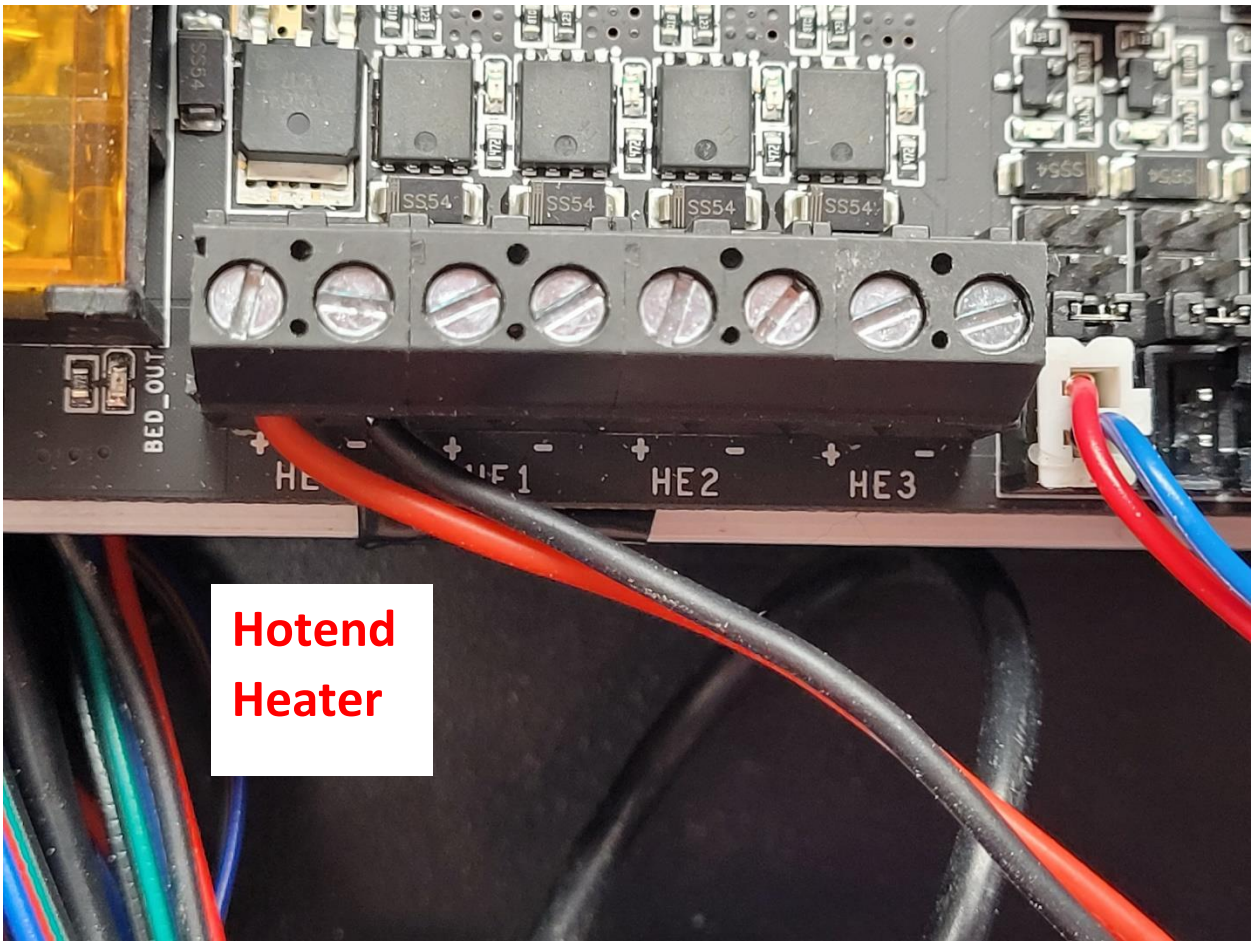


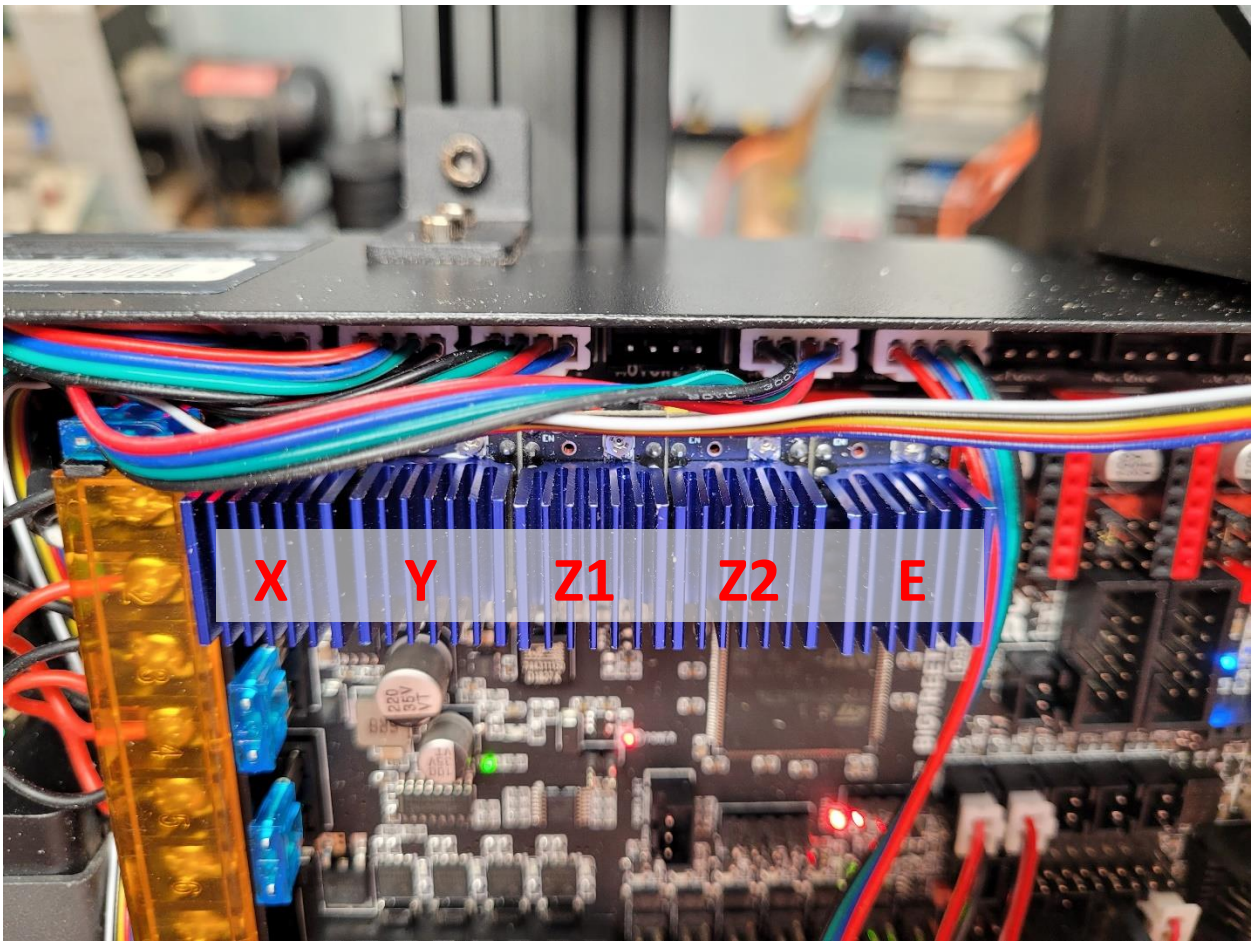
Z1 End Stop (Display/Extruder Side)



Z2 End Stop

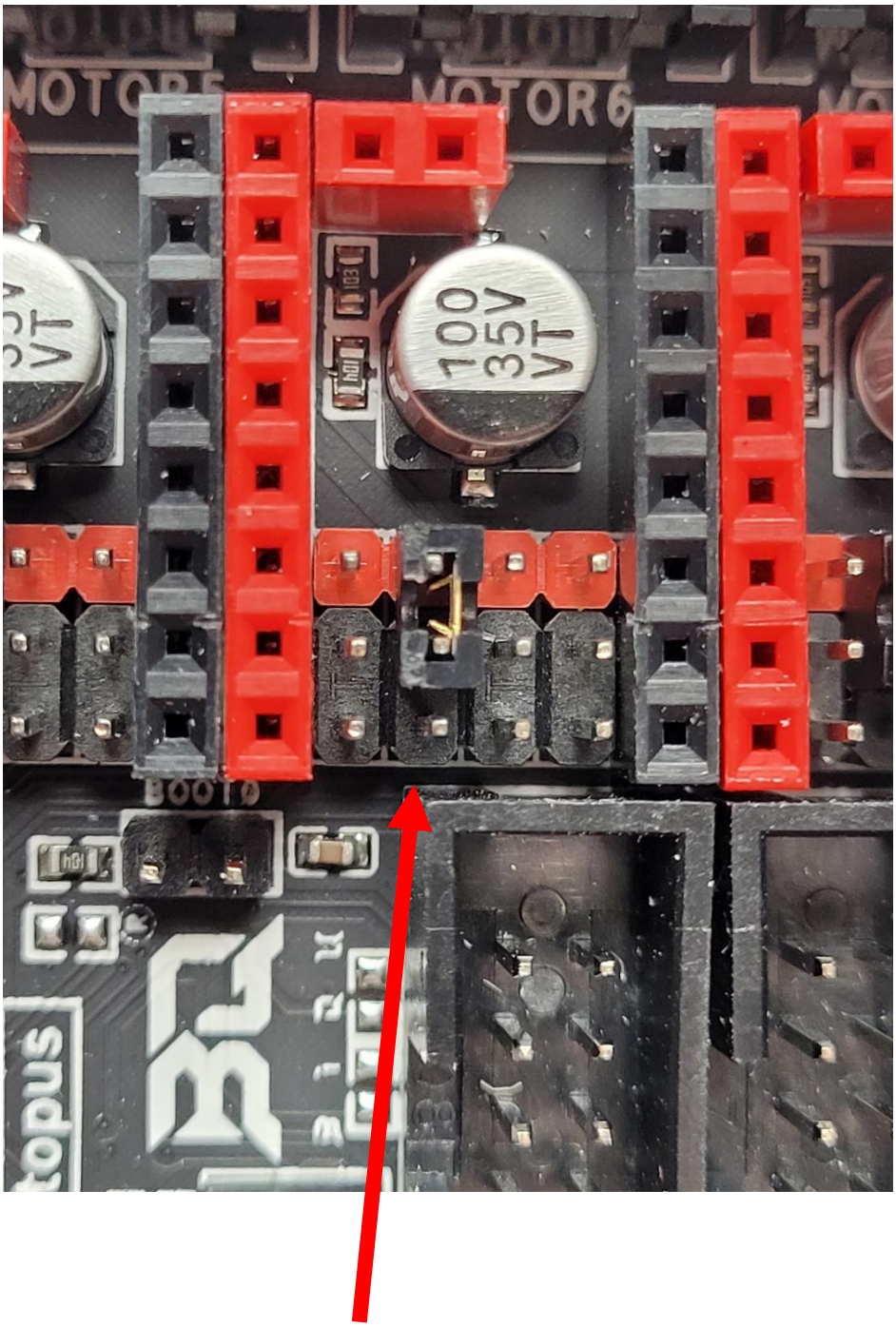

HE3
Part Cooling Fan
Hotend Fan
Stepper Driver Fan


SS54
SS54
SS54
SS54
BED_OUT
HE1
HE2
HE3
Hotend
Heater

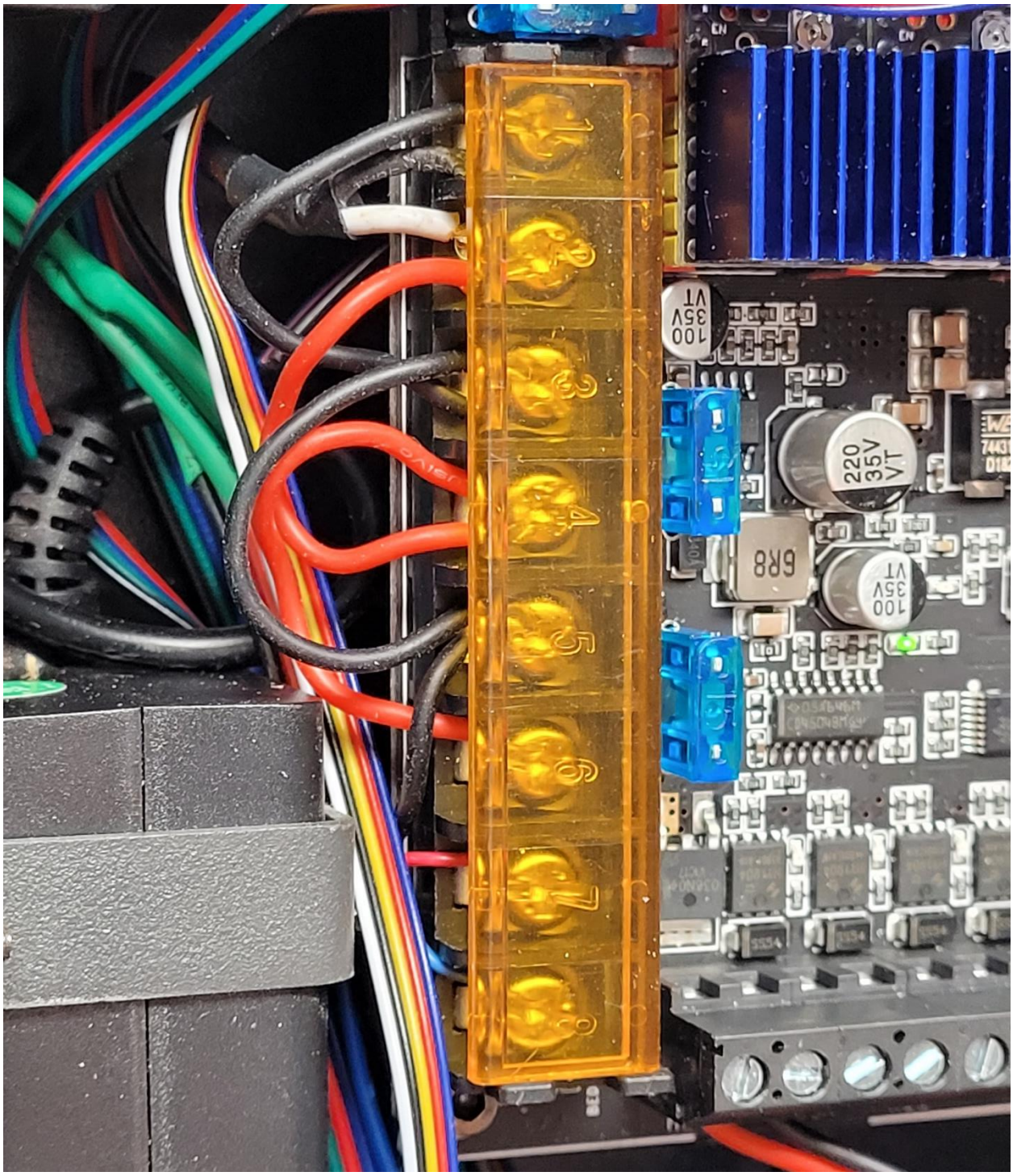


MOTOR0	X
MOTOR1	Y
MOTOR2_1	Z 1
MOTOR2_2	NOT USED
MOTOR3	Z 2
MOTOR4	E

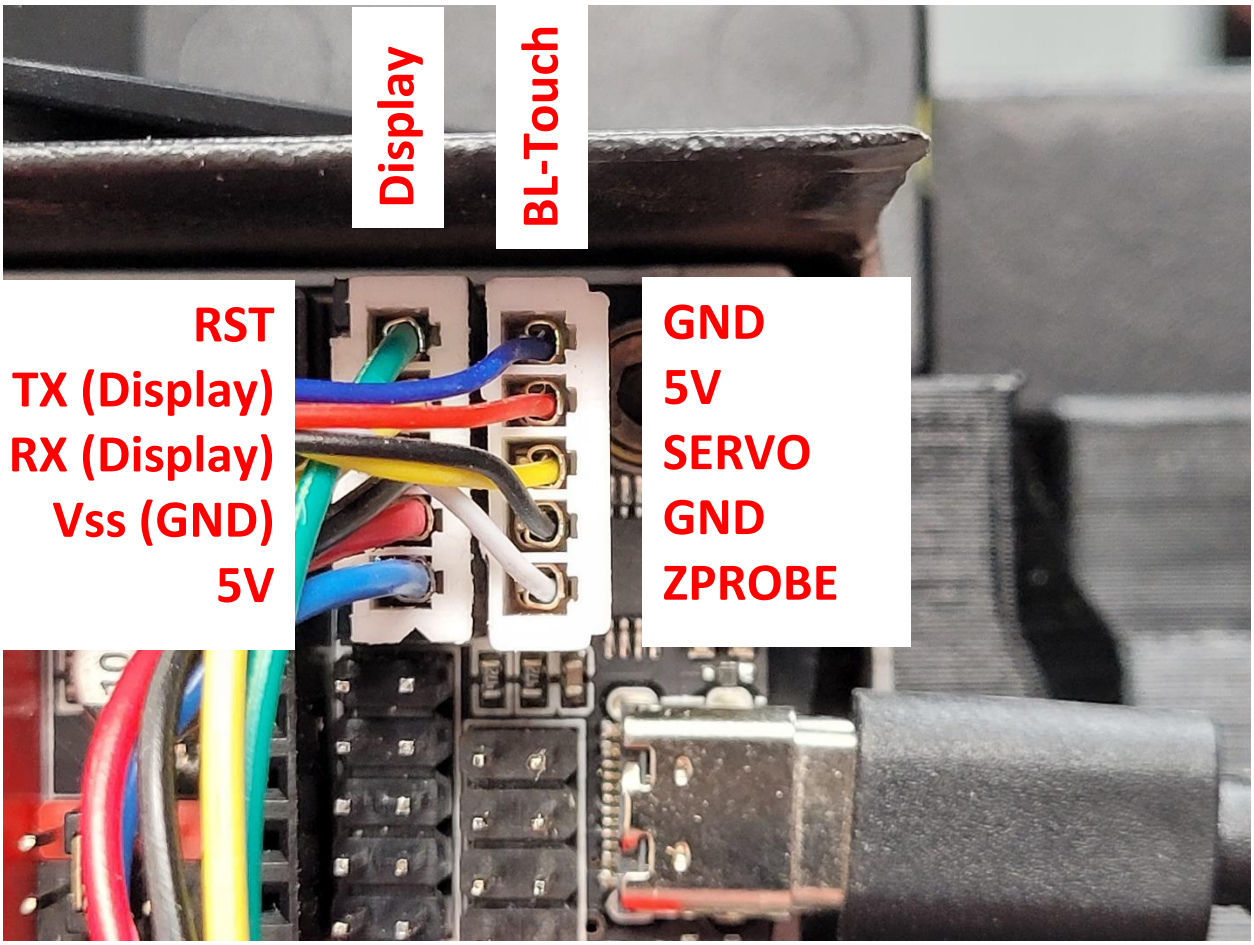
The motor wire colors for my stepper motors likely don’t match stock as I used replacement cables that were longer and swapped pins to get rotation correct.



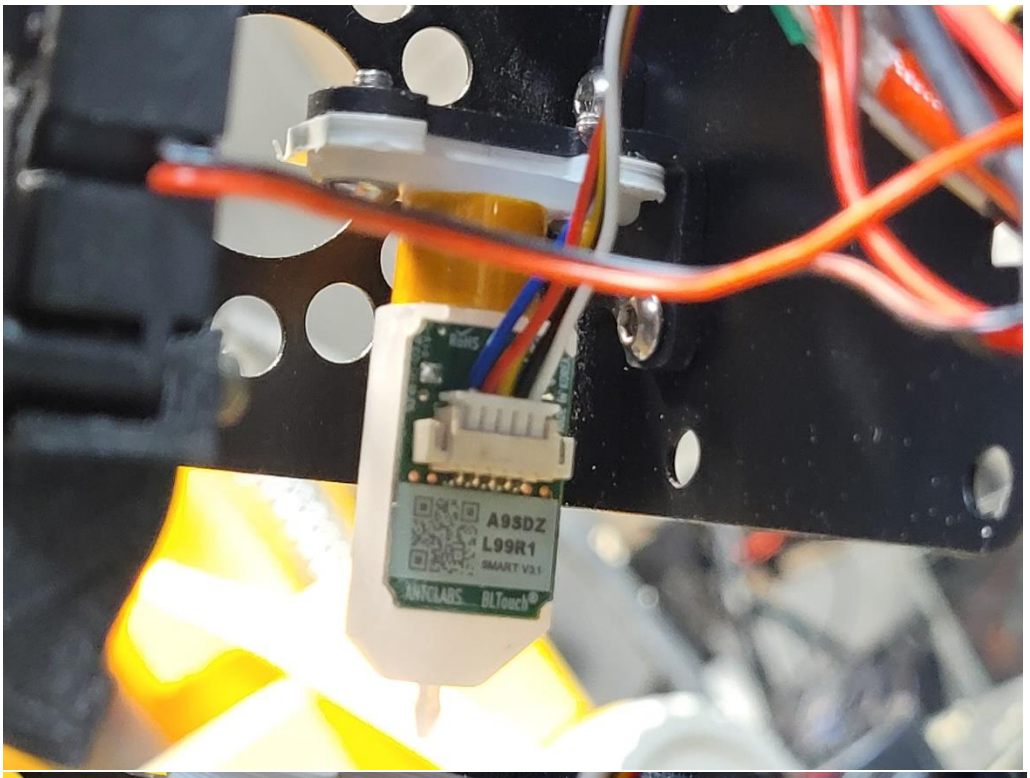
All stepper drivers (TMC2209) had the jumper shown installed to use the drivers in UART mode.

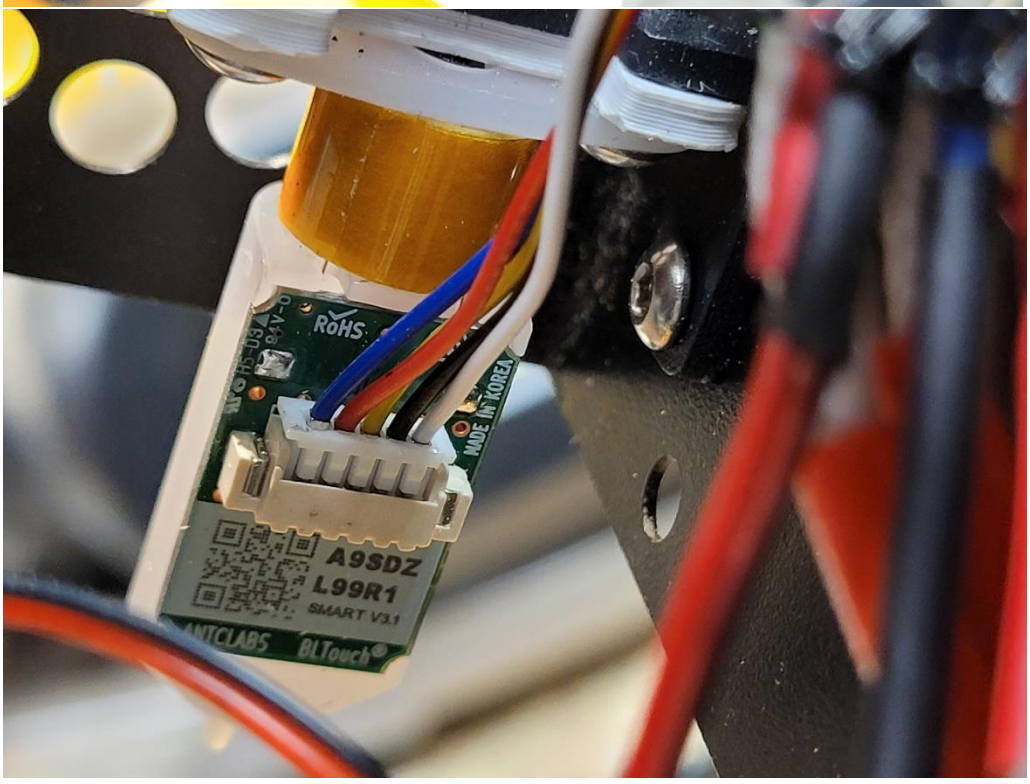


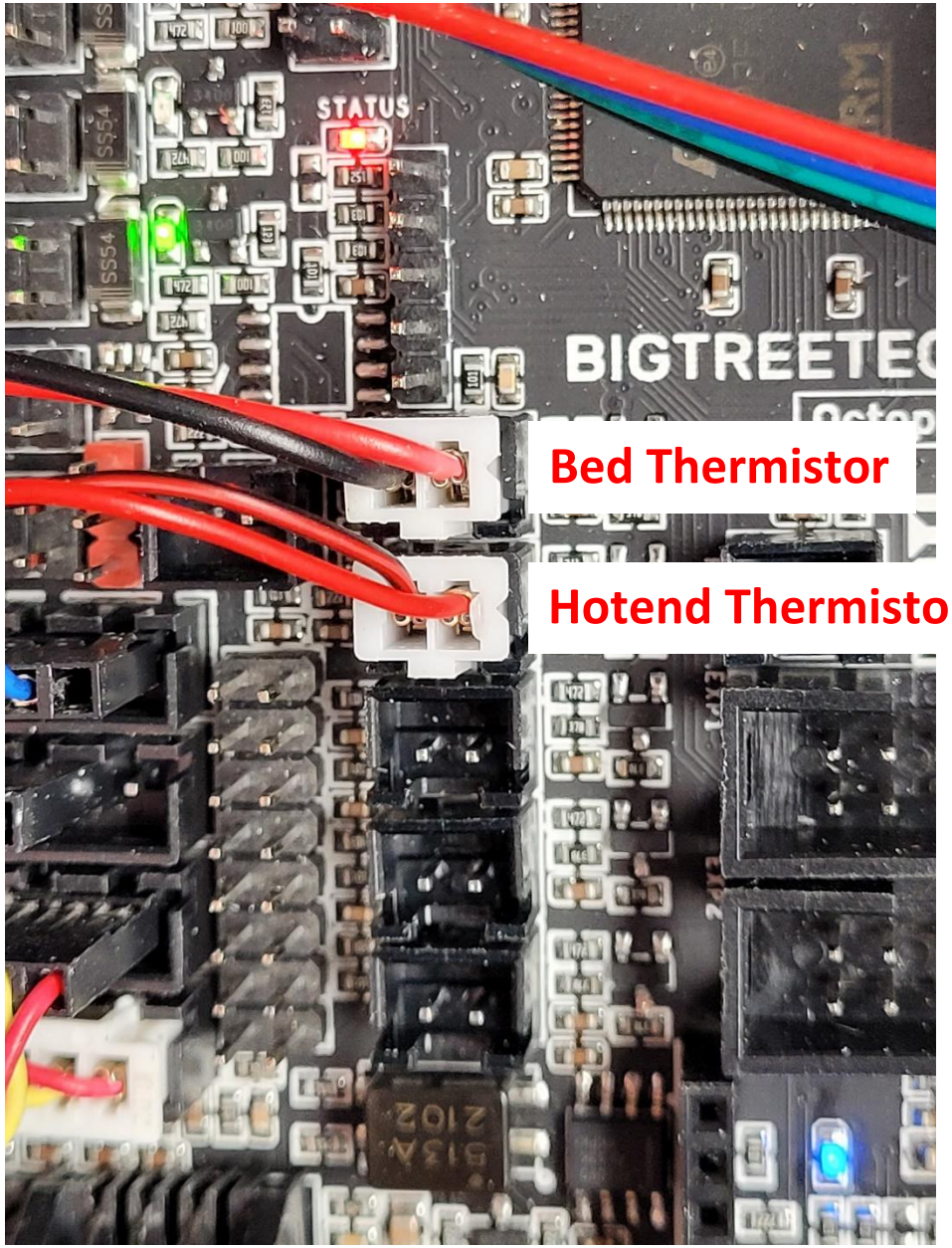
I ran all power input to the board from the small power supply and added jumper wires between the input terminals. I wired the MOSFET control wires into the Bed Out. I also ran a common neutral between the large and small power supplies.

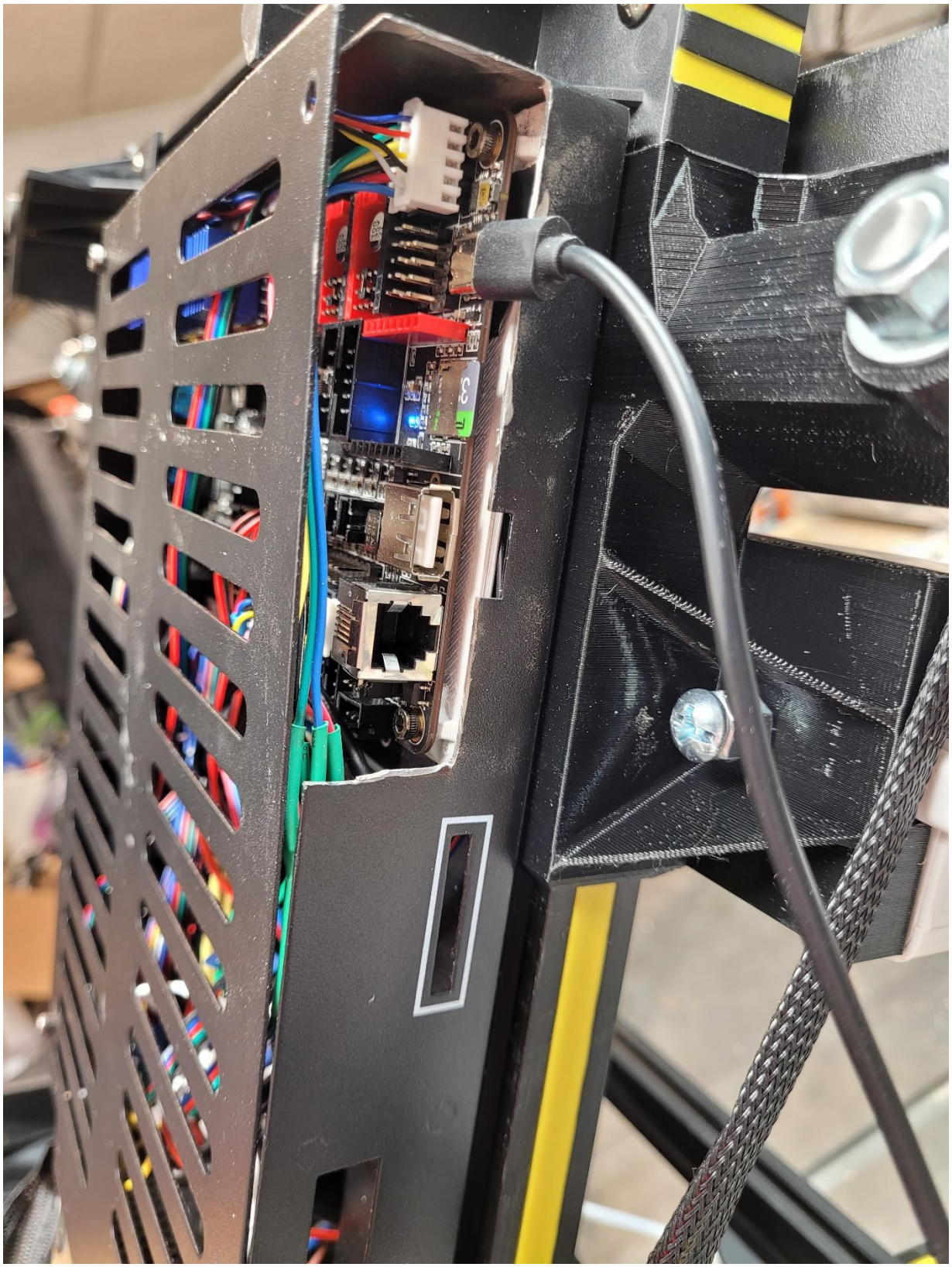


I had to change the pin order on both my display cable and BL-Touch cable. Note that for the stock display, RX on the display connects to TX on the Octopus and TX on the display connects to RX on the Octopus. For the BTT TFT35 E3 V3.0, I did not have to swap RX and TX. For some BL-Touch/CR-Touch models, the cable supplied has the probe end wired in reverse order. The probe end of my cable is shown on the next page. If wires are in the wrong order, probability of damaging the probe or board is high.


A93DZ
L99R1
SMART V3.1
ANTCLABS
BLTouch


RoHS
MADE IN KOREA
A9SDZ
L99R1
SMART V3.1
ANTCLABS
BLTouch


STATUS
BIGTREETEC
Bed Thermistor
Hotend Thermistor




HOT Z E
O NOT UCH