

Test Run A	Z Max	Hor. Radius	X Offset	Y Offset	Z Offset
Cal. Run 1	401.562	143.129	22	52	0
Cal. Run 2	401.587	143.129	22	52	0
Cal. Run 3	401.562	143.143	25	52	0

Test Run B	Z Max	Hor. Radius	X Offset	Y Offset	Z Offset
Cal. Run 1	401.562	143.101	26	51	0
Cal. Run 2	401.575	143.115	24	50	0
Cal. Run 3	401.575	143.115	25	50	0

Test Run C	Z Max	Hor. Radius	X Offset	Y Offset	Z Offset
Cal. Run 1	401.587	143.143	24	49	0
Cal. Run 2	401.562	143.129	24	51	0
Cal. Run 3	401.550	143.143	25	51	0

Test Run D	Z Max	Hor. Radius	X Offset	Y Offset	Z Offset
Cal. Run 1	401.562	143.087	26	51	0
Cal. Run 2	401.575	143.129	24	49	0
Cal. Run 3	401.575	143.129	25	51	0

Test Run A:

Top Stepper & limit switch wiring tied together (see image A) with ferrite beads installed.

Test Run B:

Top stepper & limit switch wiring tied together (see image A) with no ferrite beads installed.

Test Run C:

Top stepper & limit switch wiring separated (see image B) with ferrite beads installed.

Test Run D:

Top stepper & limit switch wiring separated (see image B) with no ferrite beads installed.

Using a fresh install of MatterControl v1.5. I then tried to print the 275mm diameter calibration print from PartDaddy. That print failed as the Print Head was too high. I dropped the Z by .1 and tried again. See Image C for the results. I basically have the same problem that I had before I did any of the tests that I've done today. Low at the X tower and High between Y & Z tower. The only place on the test print that to me looks like it has printed at the correct height is that small section at the X Tower. Hope this helps.

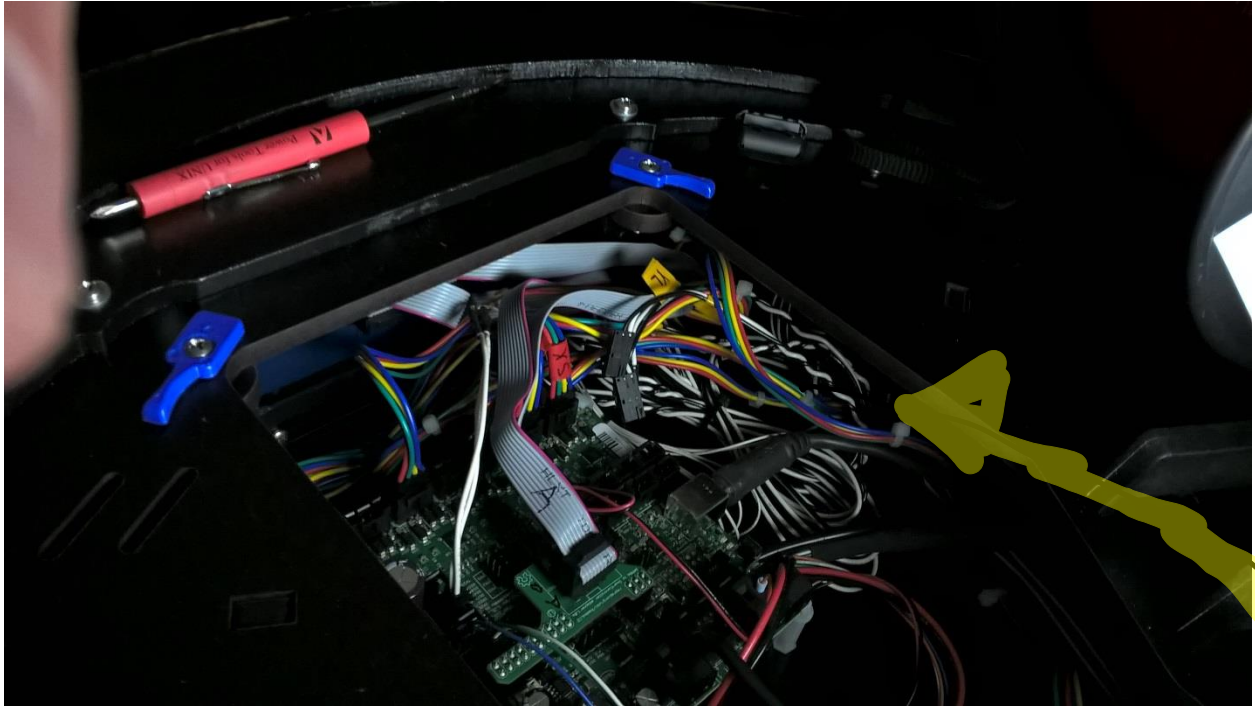
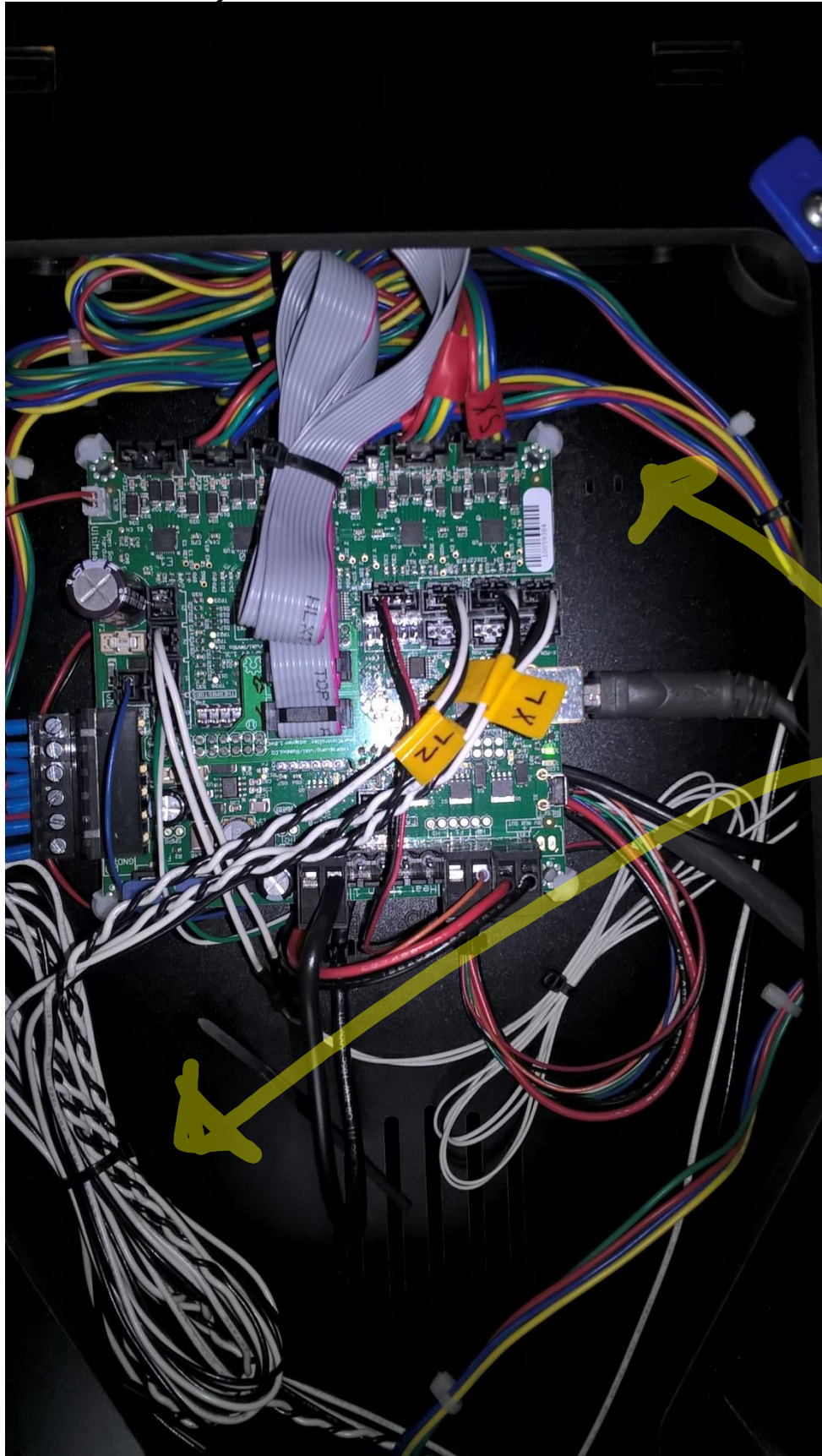


Image A

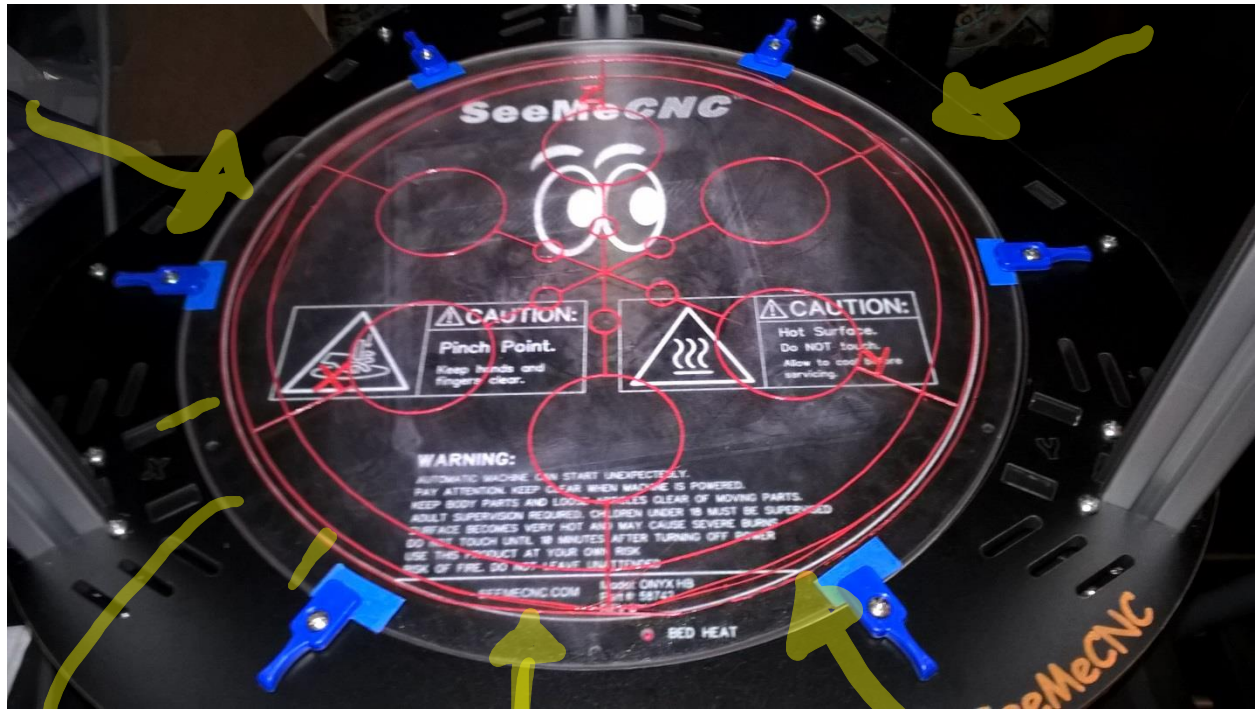
Stepper limit
wiring

Image B



Stepper
&
Limit
Separated

Image C



Perfect

Arrows point out
high spots

Center isn't bad just to
high on 2 a bit. maybe by
.05 to .075