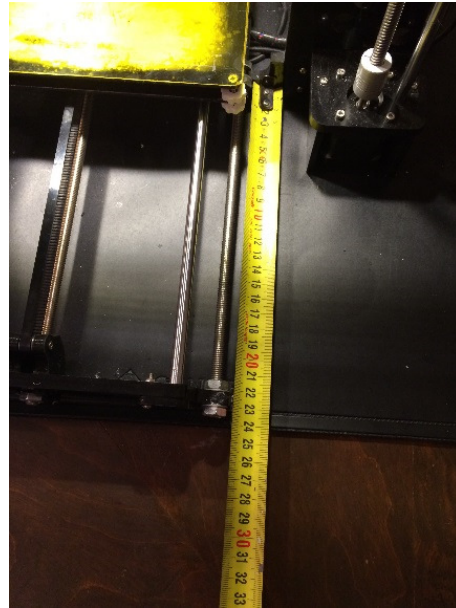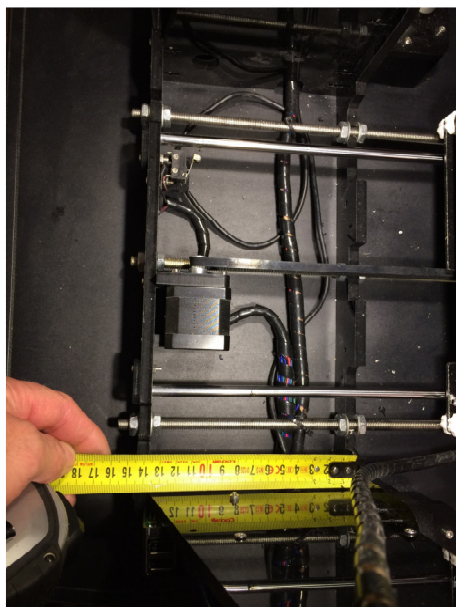# Making the printer squere

1. Measure left and right front to midsection, if the numbers are different loosen the nuts and make them exactly the same.

2. Measure left and right back to midsection, if the numbers are different loosen the nuts and make them exactly the same.
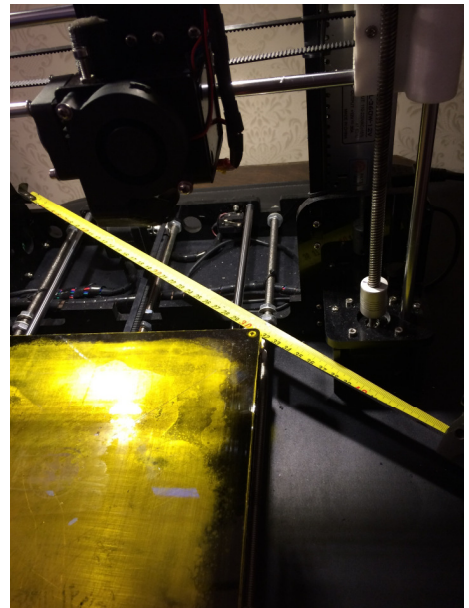
3. Crossmeasure right back to left front.
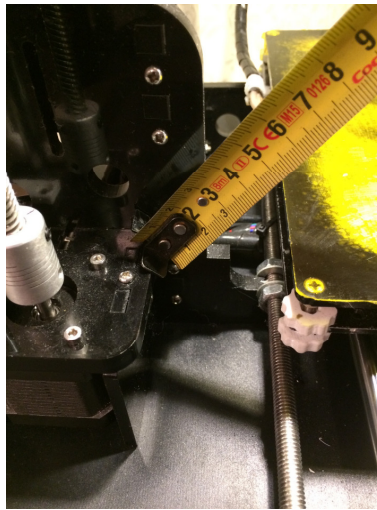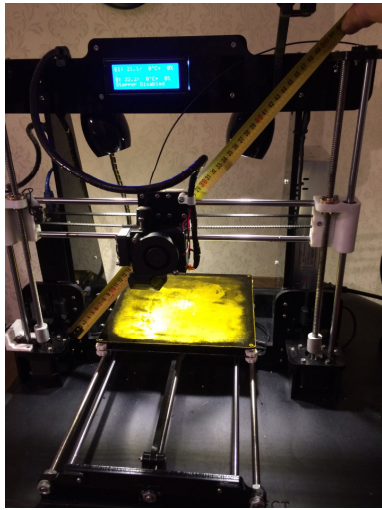   Measure from the frame back corner to corner of motor mount and note the number.

4. Crossmeasure from left back frame corner to right front motor mount, compare the number with measurement in point 3.
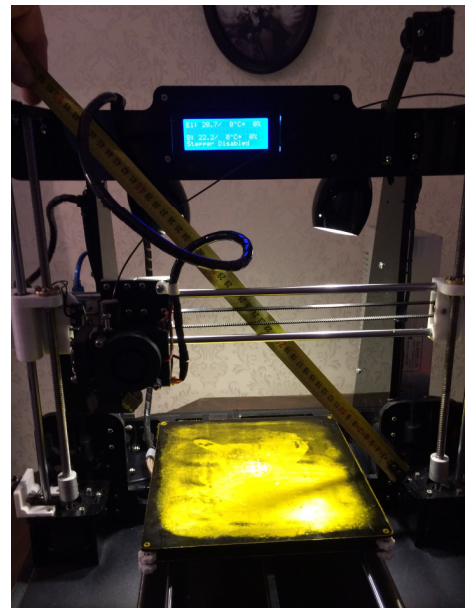   If there are different numbers, loosen the nuts so you can force the frame straight and then tighten the nuts.
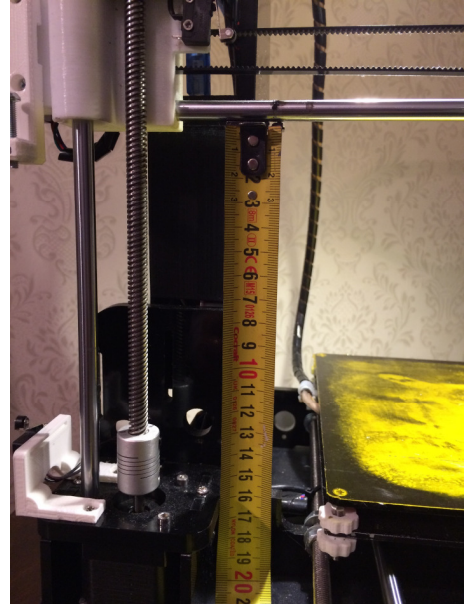
5. Crossmeasure also from left bottom to right top
   Measure from motormount corner to top frame corner and note the number.
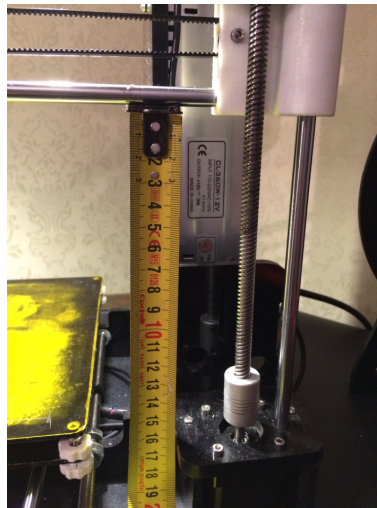

6. Crossmeasure from right motor mount to left top frame corner, compare the number with measurement in point 5.
   If there are different numbers, loosen the 3mm frame screews so you can force the frame straight and then tighten the screews.

7. To make shure that x-axis guide bars are leveled to the frame (do not use water level)
   Measure from left motor mount to the guide bar, note the measurement.

8. Measure from right motormount to the guide bar, compare the numbers with measurement in point 7. If they differs just turn the threadbar until the distance is the same on both sides.

9. After these adjustments, follow the guide "z-axis fine adjust and bed leveling" and you are back on track !
   https://lookaside.fbsbx.com/file/z-axis%20fine%20adjustment%20and%20bed%20leveling.pdf?token=AWx2UVVlPIr25RNjfBIaEMv7jcIxgdI5Flr1YIZSC0y2Qgb0IUUEmNrlkQIXMDXNbq_AhigxUCSvVdY1oX8FN3N1CuSeMvVhqoq2qJ39gitcTXUt2sPqEq0e1SMDhRDwwJ6RWazZ--awgTAvo4K18XFE

Jan Hedström 17.11.2016