

Shapeoko Build Instructions

STEP 7

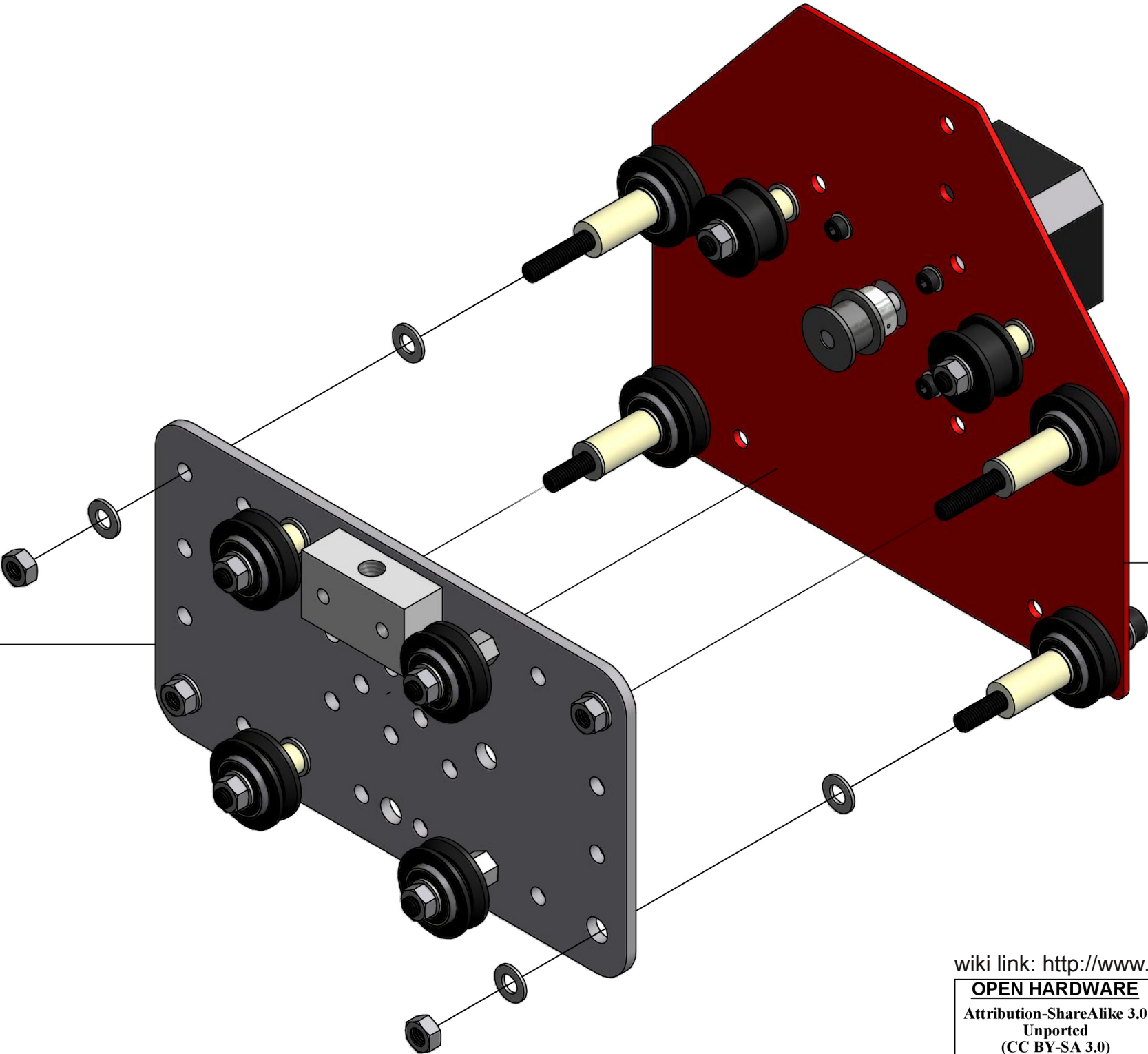
X / Z Plate Assembly

This is the assembly of the previous 2 pre-assemblies. Make note of a couple of things:

- This can get tricky if the bolts start to fall out of the X plate. If possible, use a small piece of tape across the bolt head to keep them in place
- Remove the nut and one (only 1!) washer from the ends of each M5 x 55mm bolt.
- Slide the Z-axis plate onto the M5 x 55mm bolts. Replace the washer and hex nuts onto each one.

Pro-tip. Do the top left bolt first. Then snug the nut back on so the bolt doesn't fall out. Now do the same thing to the bottom right bolt. Once you have those two in place, do the top right bolt, then finally the bottom left bolt.

Once all of the bolts are through, and their respective washers and nuts are replaced, tighten everything down.



ITEM	QTY	PART NUMBER	TITLE
1	1	SM_ZA01	Z Axis Mount Plate Assembly
2	1	SM_XA01	X Axis Motor Mount Plate Assembly

wiki link: [http://www.shapeoko.com/wiki/index.php/Assembly\\_step\\_7](http://www.shapeoko.com/wiki/index.php/Assembly_step_7)

<b>OPEN HARDWARE</b> Attribution-ShareAlike 3.0 Unported (CC BY-SA 3.0)			
TOLERANCES (EXCEPT AS NOTED)  BETWEEN FINISHED SURFACES  FRACTIONAL: ± 1/64"  DECIMAL: ± .010"  DETAIL DIMENSIONS: ± 1/16"		DESIGNED BY: ERF	DATE: 6/5/2012
		TITLE  X/Z Carriage Assembly	
		SIZE B	DRAWING NUMBER SM-XZA1
		SCALE  SHEET 1 OF 1	