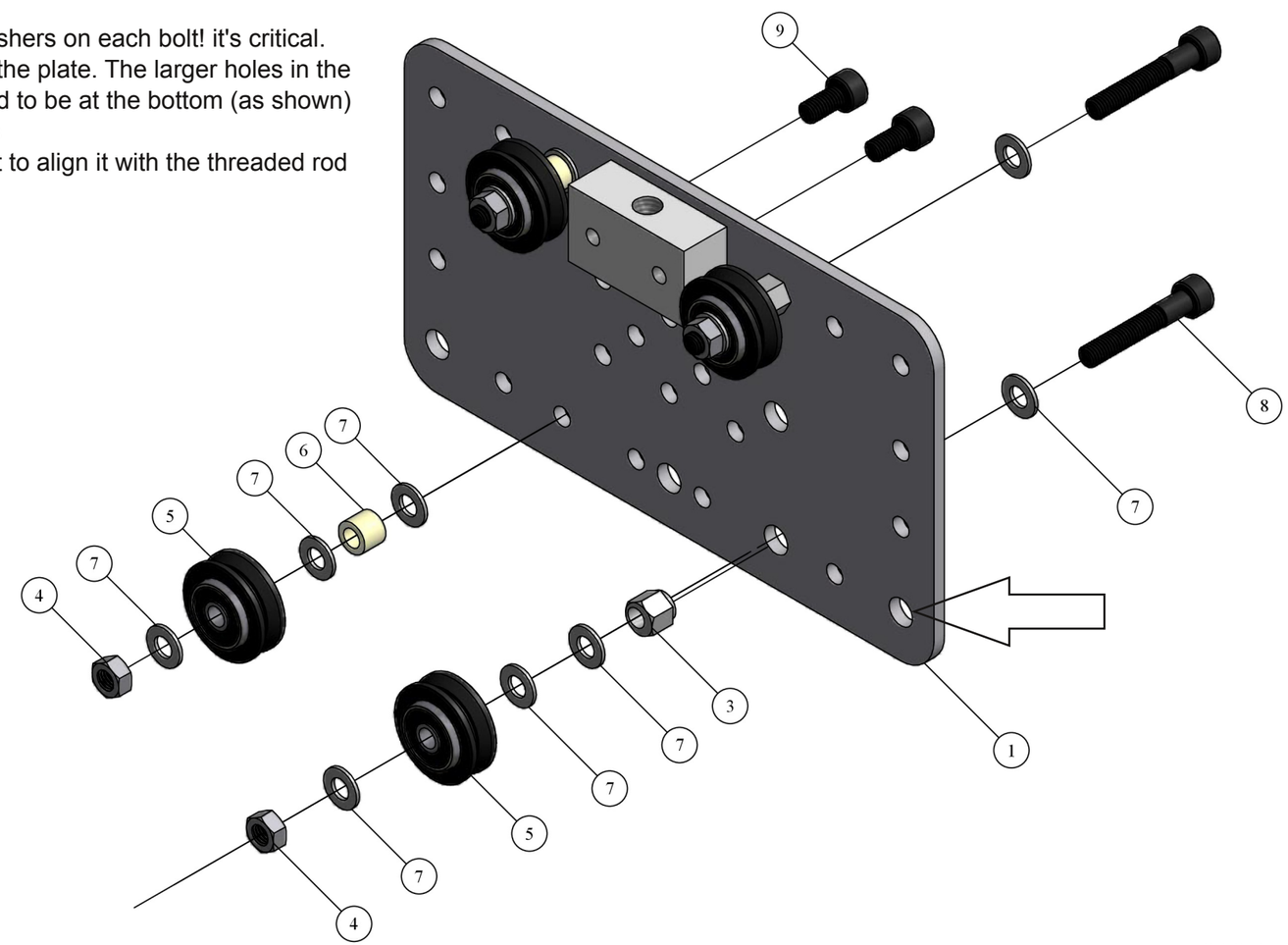
Z-Axis Mount Plate

Shapeoko Build Instructions

STEP 6

This is the second part of your pre-assembly.

Assemble this as shown in the drawing. Make note of a couple of things:
- Pay attention to the number of washers on each bolt! it's critical.
- Pay attention to the orientation of the plate. The larger holes in the corner (denoted with an arrow) need to be at the bottom (as shown)
- Tighten the non-eccentric vwheels
- Just snug the delrin nut, we'll want to align it with the threaded rod later, then tighten it down.



ITEM	QTY	PART NUMBER	TITLE
1	1	MSK01-01	Standard Carriage Plate
2	1	SM-M08	Delrin lead nut.
3	2	MSK01-04	Eccentric Nut
4	4	SM-H04	M5 Hex Nut
5	4	MSK01-05A	V-Wheel Assembly
6	2	SM-H01	1/4" Nylon Spacer
7	16	SM-H03	M5 Flat Washer
8	4	SM-H08	M5 x 30mm SHCS
9	2	SM-H07	M5 x 10mm SHCS

wiki link: http://www.shapeoko.com/wiki/index.php/Assembly_step_6

OPEN HARDWARE
Attribution-ShareAlike 3.0 Unported (CC BY-SA 3.0)

shapeoko

TOLERANCES (EXCEPT AS NOTED)
BETWEEN FINSHED SURFACES
FRACTIONAL: ± 1/64"
DECIMAL: ± .010"
DETAIL DIMENSIONS: ± 1/16"

DESIGNED BY: ERF | DETAILED BY: ERF | DATE: 6/5/2012

TITLE: Z Axis Mount Plate Assembly

SIZE: B | DRAWING NUMBER: SM_ZA01

SCALE | SHEET 1 OF 1