LulzBot TAZ 6.0 Y axis sub-assemblies

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Step Pictures





Gather- Motor side parts Align motor mount (with inserts already installed) to plate

2mm Hex driver

4x- M3x 10 BHCS 4x- M3 Black Washer

Y axis end plate- Motor side

with 4x- M3 inserts installed 1x- Y axis End plate

Orientation of the end plate is very important, determine the short side and long side of the plate by measuring the distance from the side of the plate to the second set of holes that are parallel to the side of the plate, the short side measures ~65mm, the long side measures ~ 75mm.

1x- Taz 6 Y Motor Mount (PP-GP0226)

With plate laying flat and the short dimension side on the left side orient the Motor mount so its flange is toward the crown of the plate.

Secure the mount to the plate using four (4) M3x 10 BHCS and four (4) M3 washers. Tighten to hand tight + ¼ turn or about 12in-lbs (1.36Nm).



Secure mount to end plate

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Step Pictures





Gather- Idler assembly parts



Stack up hardware

Y axis Idler assembly

Idler assembly

1x- Idler mount (PP-GP0225) (with 4x

M3 inserts)

1x- M8 x40 BHCS

4x- M8 Washer

1x- M8 Nyloc Nut

2x- 608 Bearing

13mm Wrench 5mm Hex driver

Place two (2) 608 bearings together and place them between the idler mount top and bottom flanges;

Install a M8 washer between the top and bottom flanges and the 608 bearing stack;

Place a M8 washer onto the M8x 40 BHCS and push the screw through the flanges/ washers/ bearings; Install one M8 washer onto the M8x40 BHCS followed by a M8 Nyloc nut; Thread on the Nyloc nu until 2 to 3 full threads of the M8x40 BHCS extend beyond the Nylon liner in the nut

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Gather- Idler side parts

Align Idler to end plate



Start the first two screws in opposite corners before installing the last two screws and tightening all four

Y axis end plate- Idler side

Y Axis Idler end plate Assembly

4x- M3x 10 BHCS

4x- M3 Black Washer

1x- Taz 6 Y Axis Idler Assembly

1x- Y axis End plate

2mm Hex driver

Orientation of the end plate is very important, determine the short side and long side of the plate by measuring the distance from the side of the plate to the second set of holes that are parallel to the side of the plate, the short side measures ~65mm, the long side measures ~ 75mm.

With plate laying flat and the short dimension side on the left postion the the Idler assembly so its M8 screw head is positioned by the crown of the plate.

Secure the mount to the plate using four (4) M3x 10 BHCS and four (4) M3 washers. Tighten to hand tight + ¼ turn or about 12in-lbs (1.36Nm).