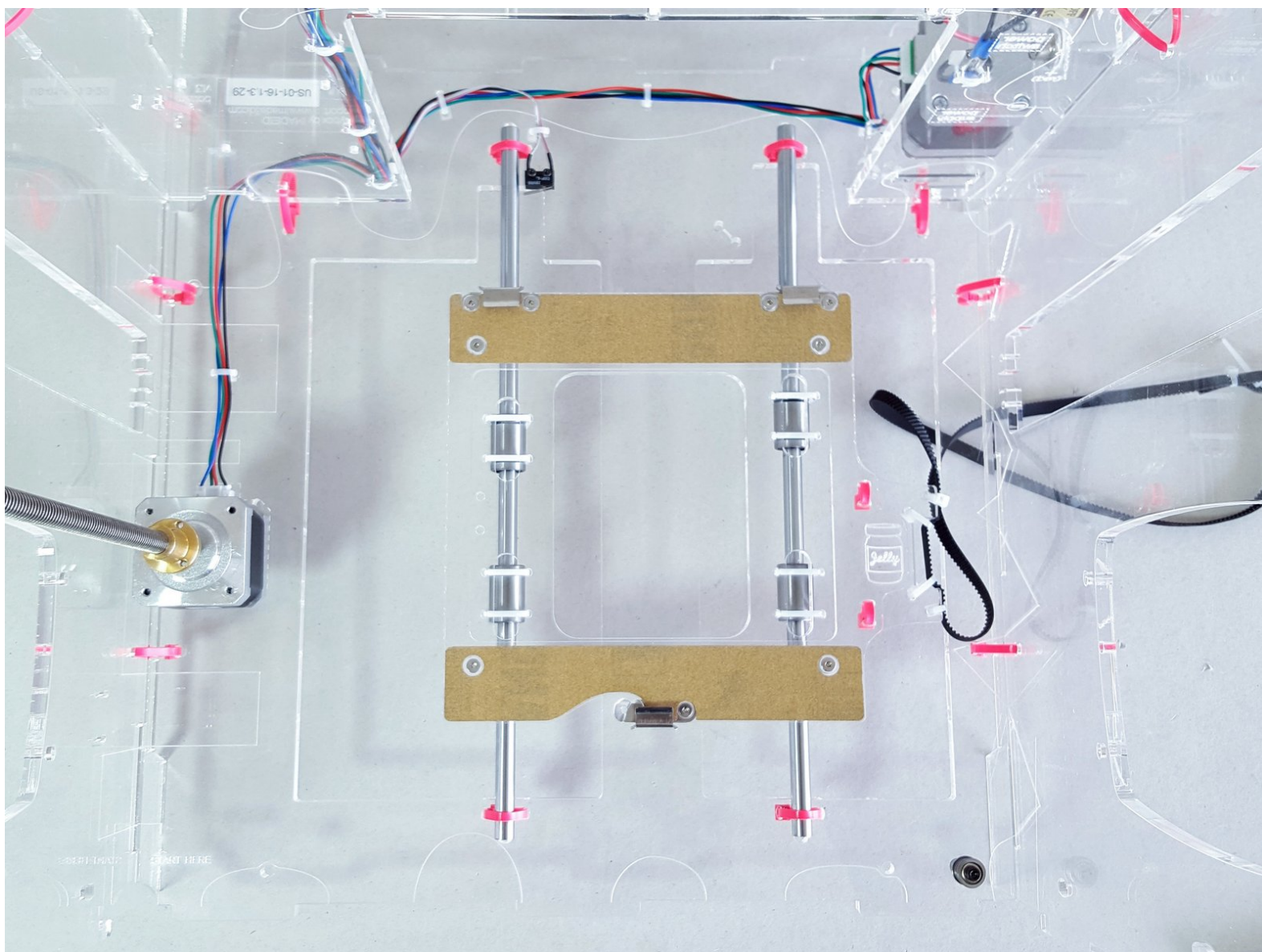
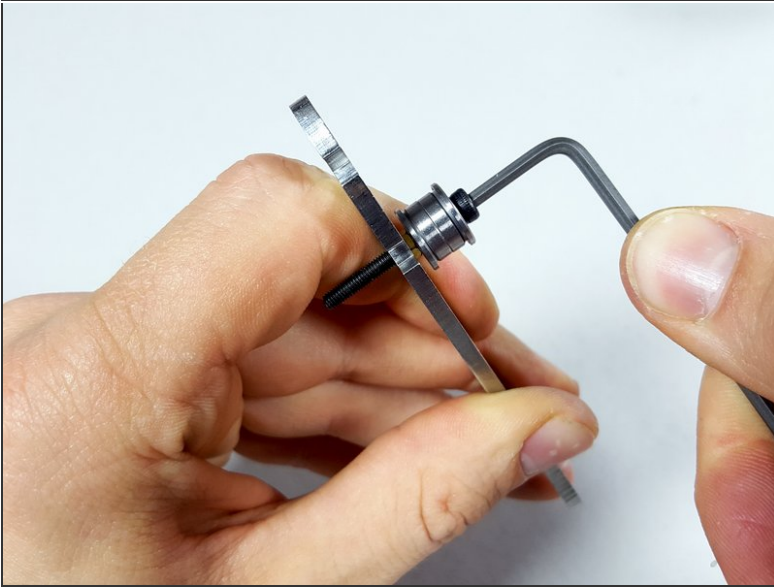




Install the Y Assembly

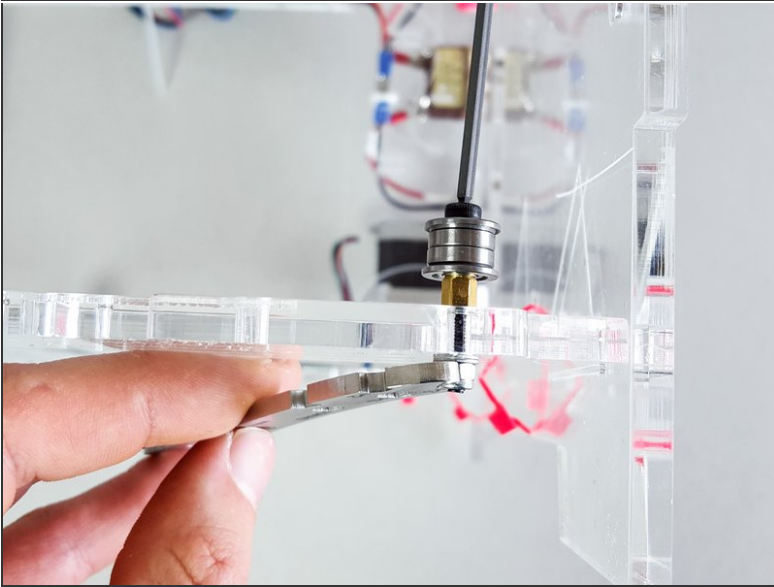
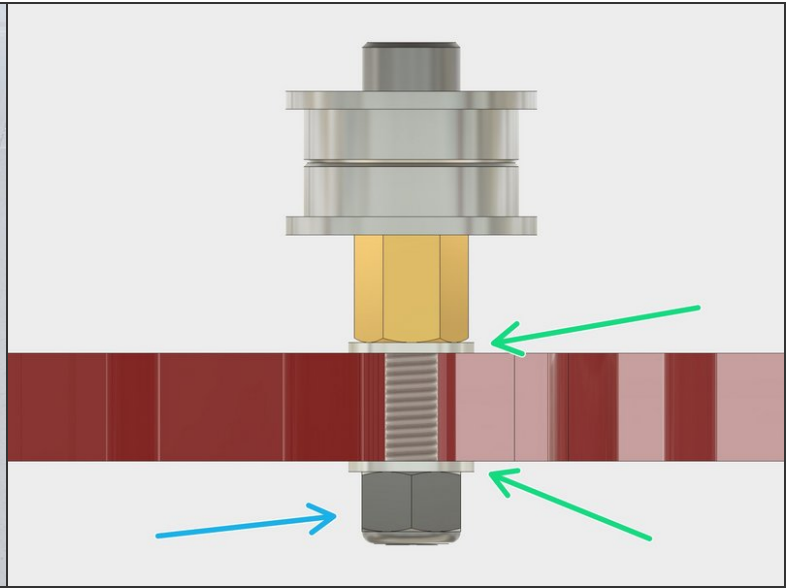
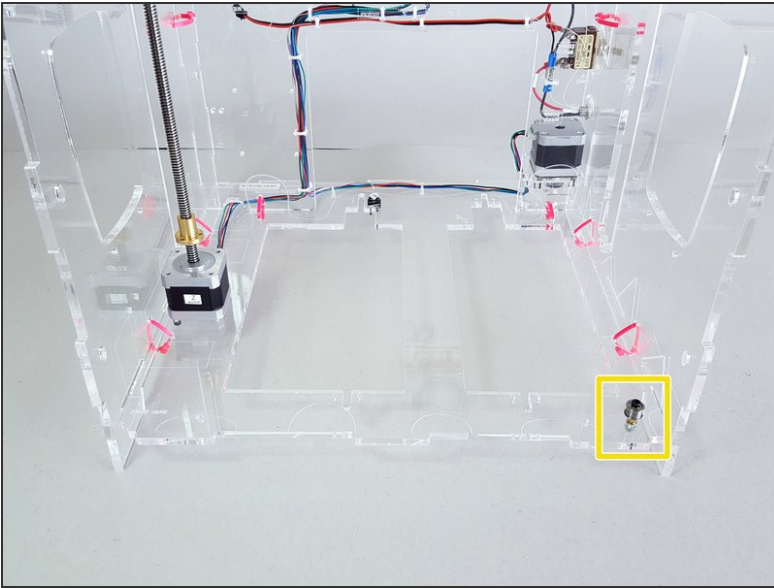


Step 1 — ↳ Y Idler



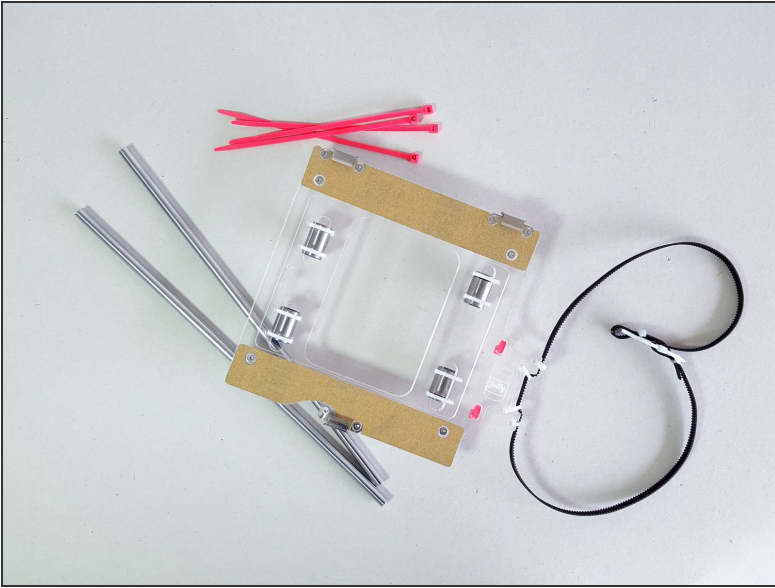
- Two idler bearing halves
- M3x25 screw
- 6mm hex spacer (That's the **longer** one of the two spacers in JellyBOX!)
- Tighten well.
- Tip: The IMADE3D wrench has a special slot just for the spacers as they are slightly smaller than regular M3 nuts.

Step 2



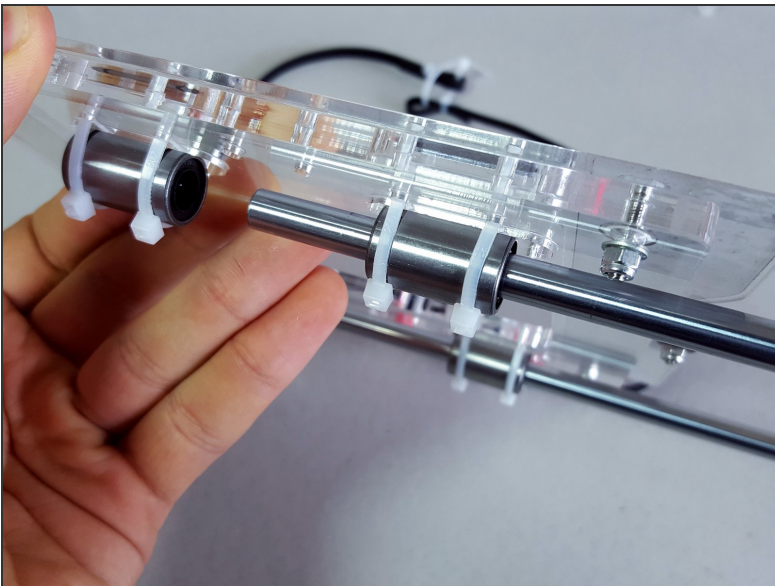
- Get the y idler into position.
- Place an M3 regular washer on either side of the acrylic.
- Secure with an M3 nylock.
- Tighten well, but careful not to crack the acrylic.

Step 3 — ↳ Y Assembly



- Y assembly
- Smooth rods (2x)
- 5" zip ties (4x)

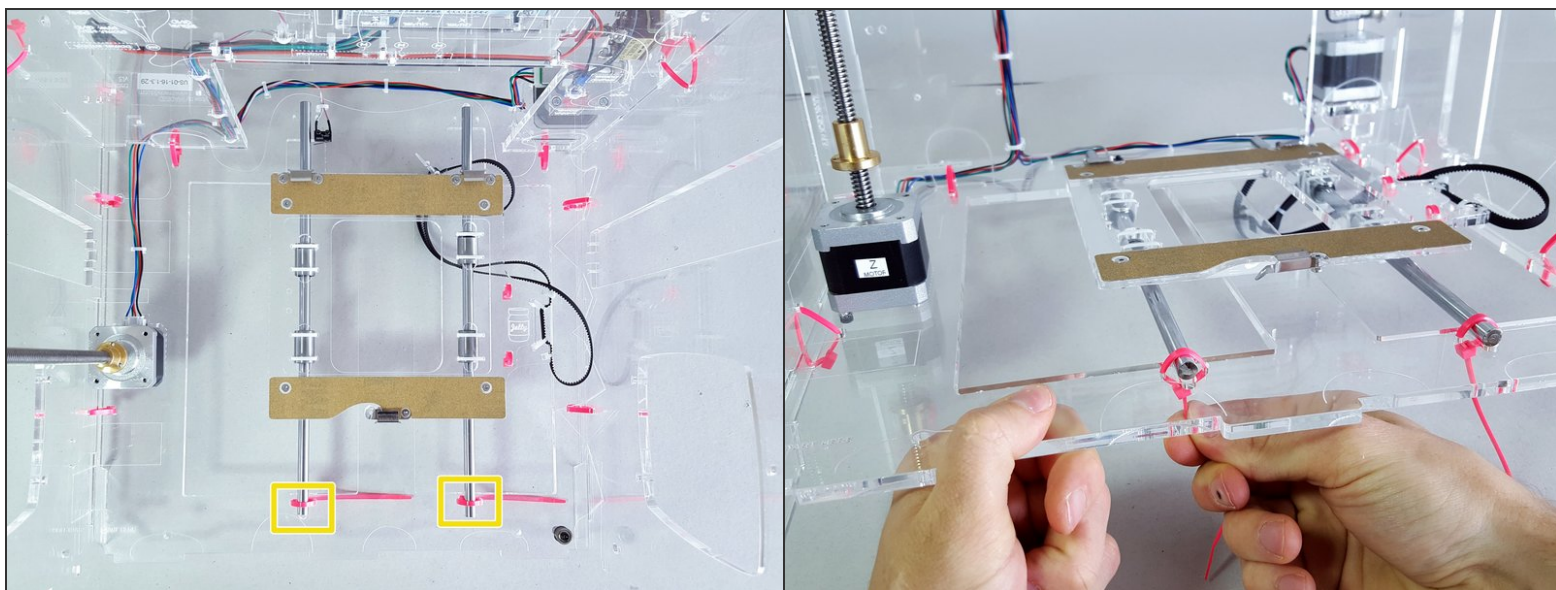
Step 4 — Y Assembly



- Thread the smooth rods through the bearings on the Y Assembly.

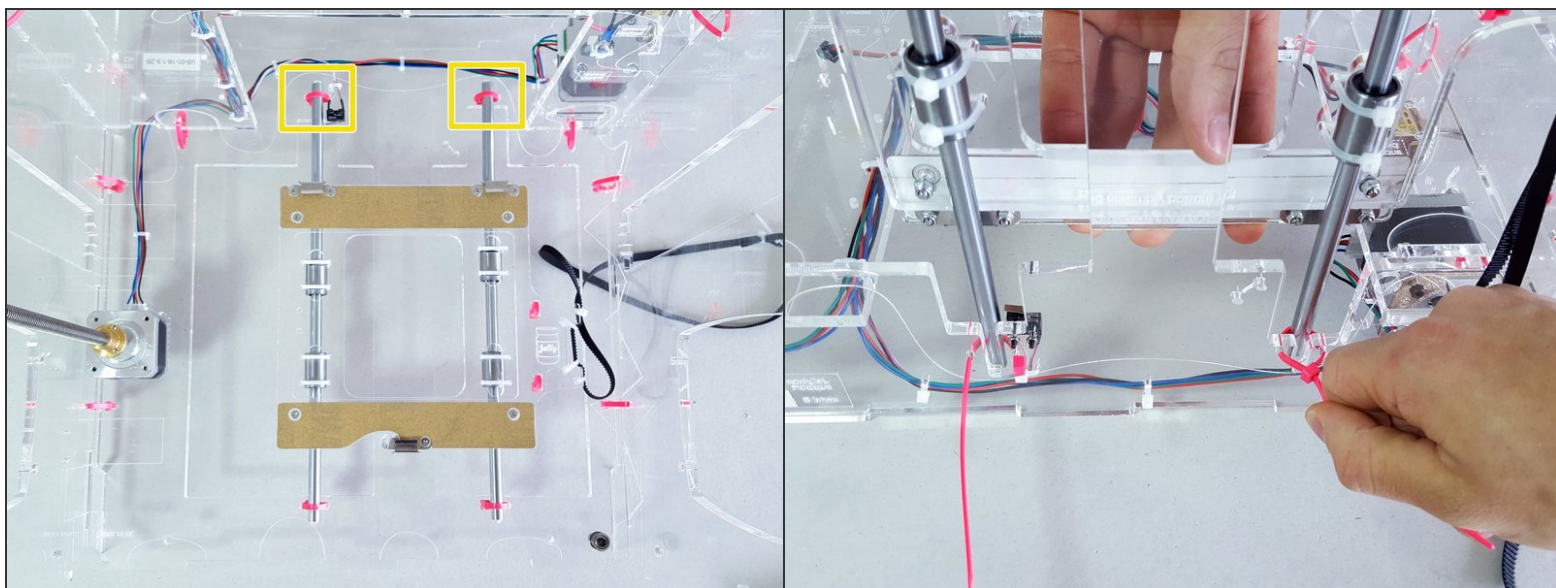
⚠ If you push the smooth rod at an angle with force, you could knock out some balls out of the bearings.

Step 5



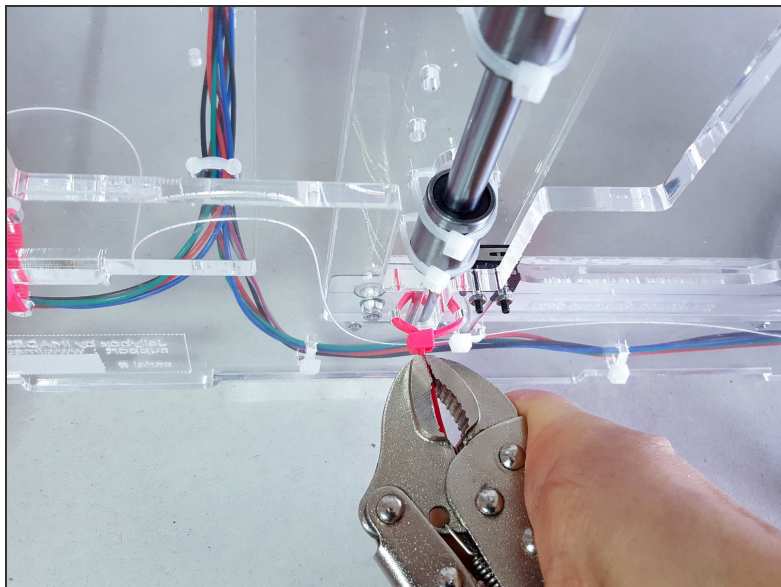
- 5" zip ties
- Make sure to keep the heads of the zip ties on the underside of the Bottom piece.

Step 6



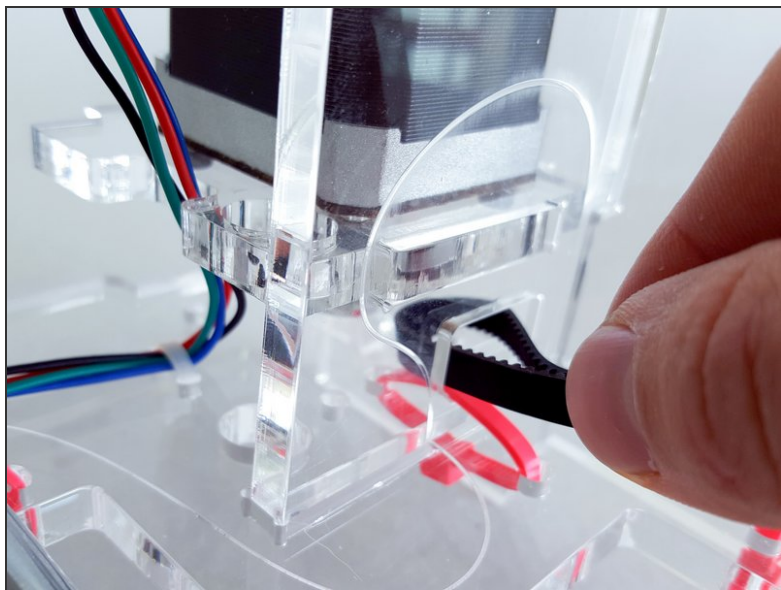
- 5" zip ties

Step 7



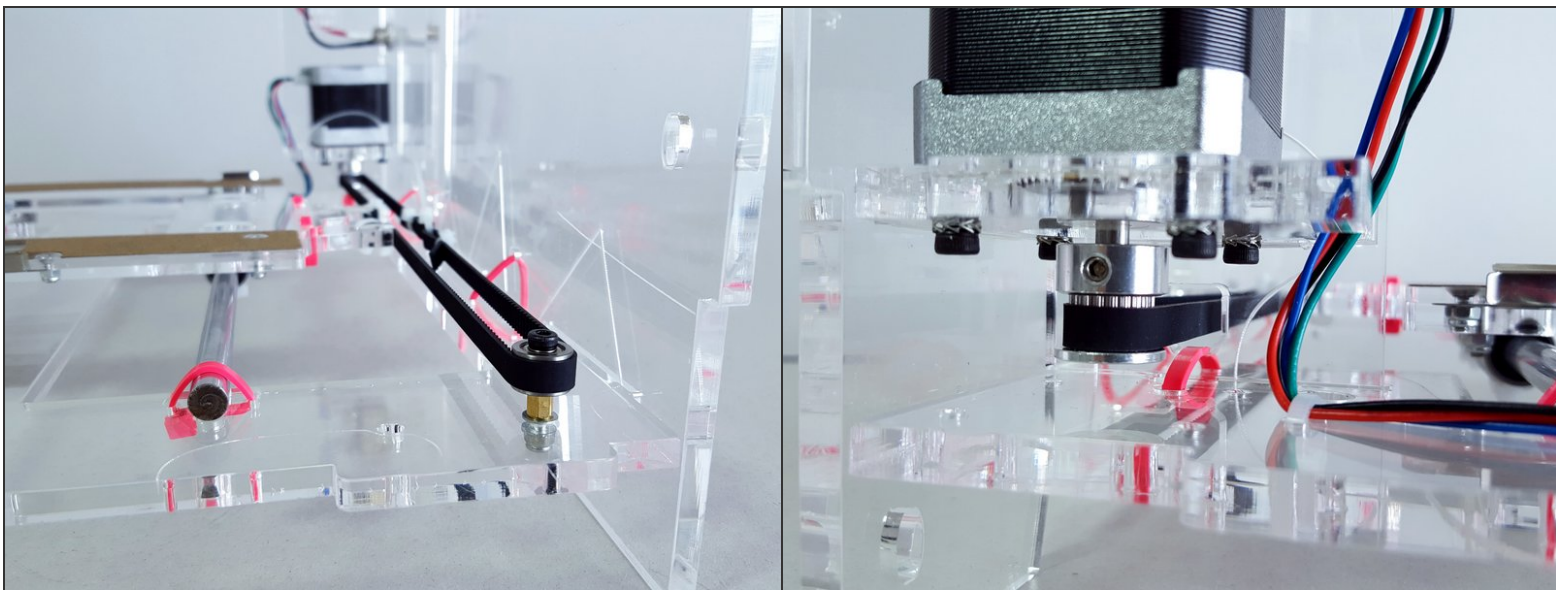
- Tighten the zip ties well.

Step 8



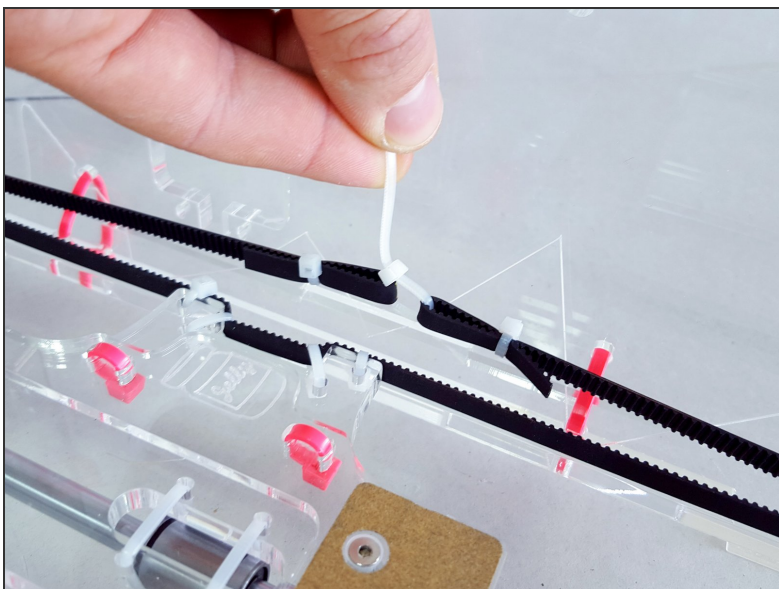
- Loop the belt around the pulley.
- Tweezers or another tool can be helpful.

Step 9



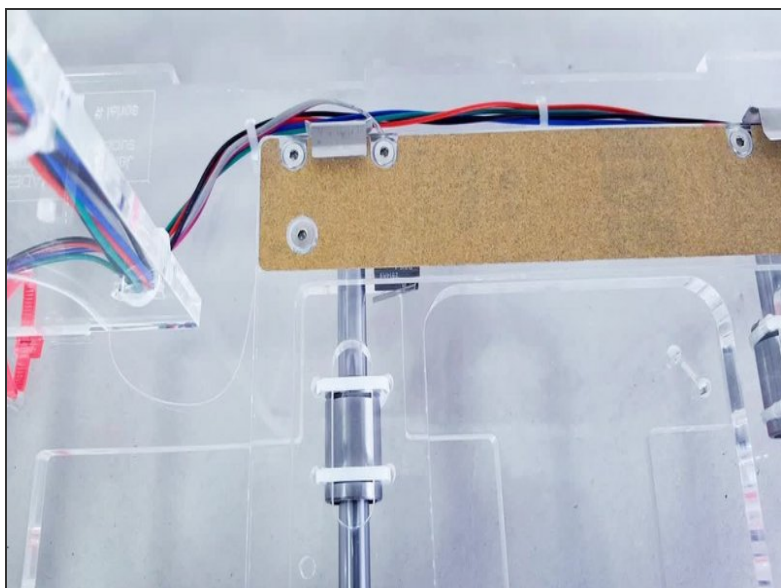
- Loop the belt around the idler.

Step 10



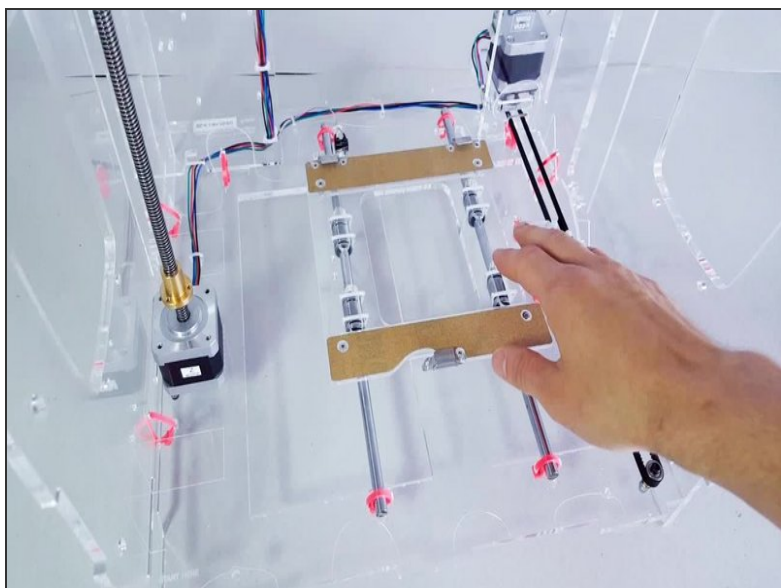
- Lightly tension the belt.
- We'll dial in the tension more precisely later.

Step 11



- ⚠ Make sure that the Y EndStop gets engaged by one of a Y Assembly bearing.
- There's an audible "click".
- Otherwise the Y motor would not stop spinning when the Y assembly reaches its limit.
- ⚠ Do not move too fast. You are generating current by forcing the motor to rotate. If you generate too much current, you could damage your electronics.

Step 12



- Make sure the Y assembly is moving smoothly.
- ⚠ Do not move too fast. You are generating current by forcing the motor to rotate. If you generate too much current, you could damage your electronics.