Install the ZX Coupler

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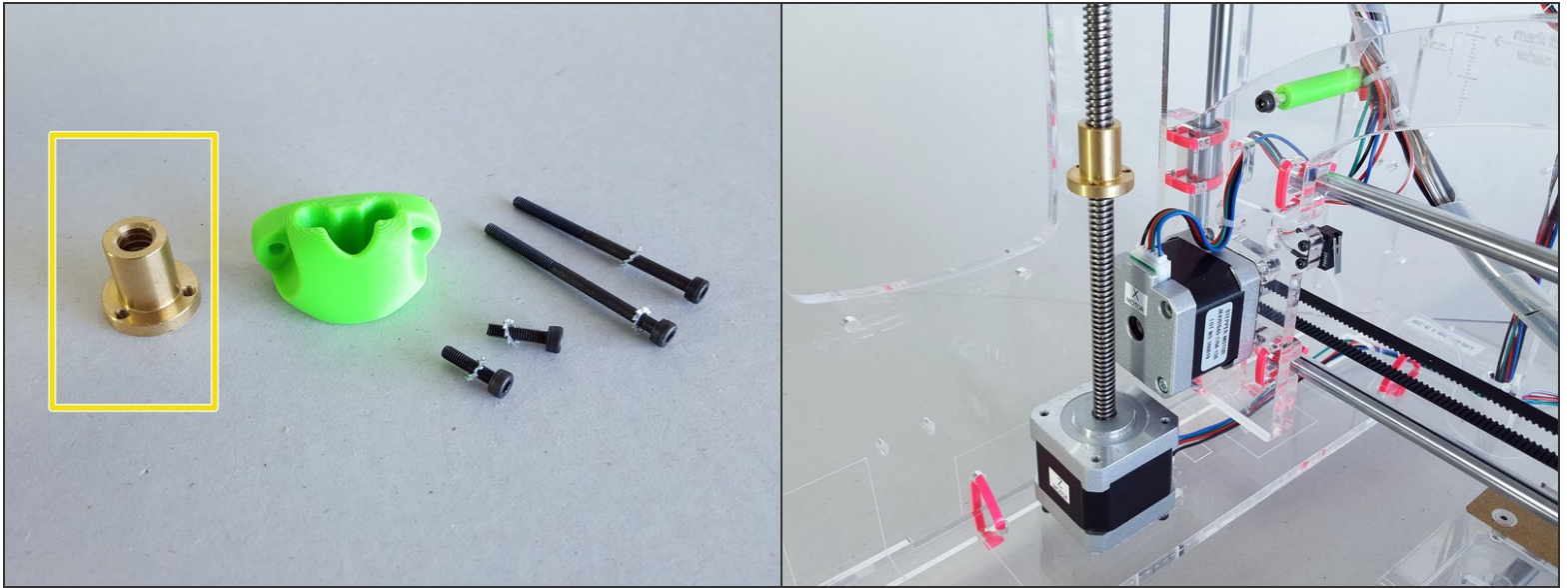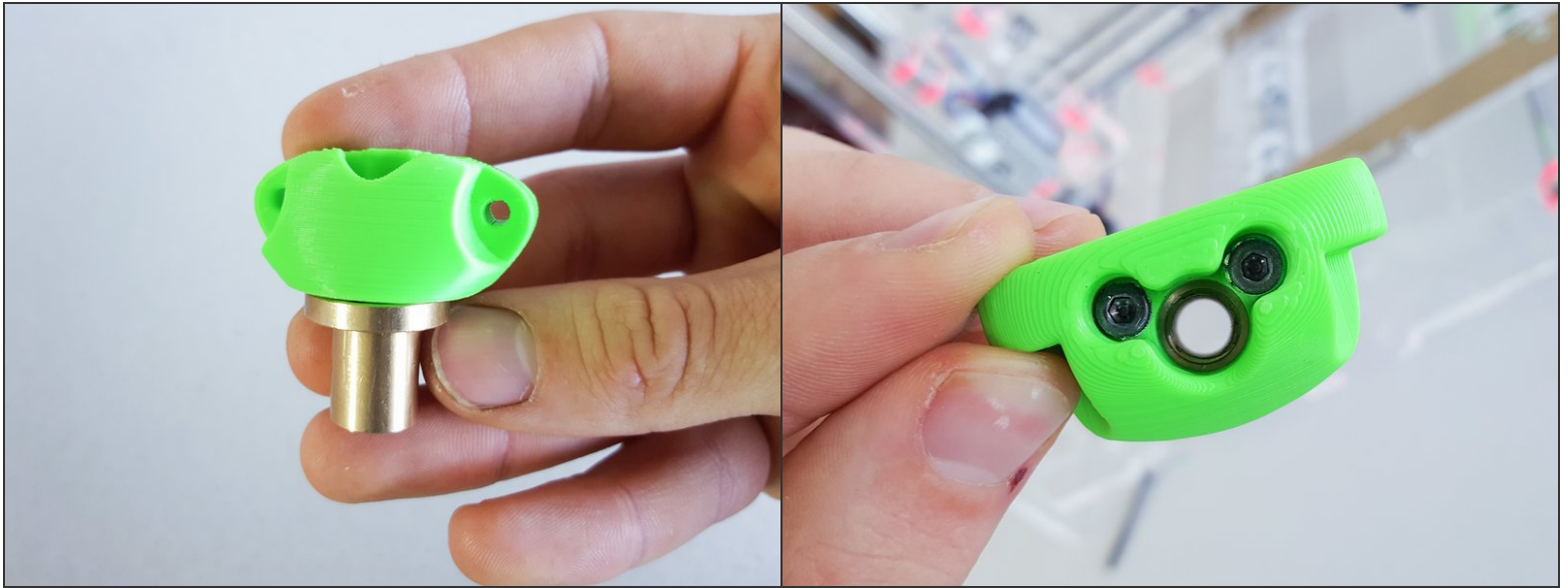Page 1 of 5
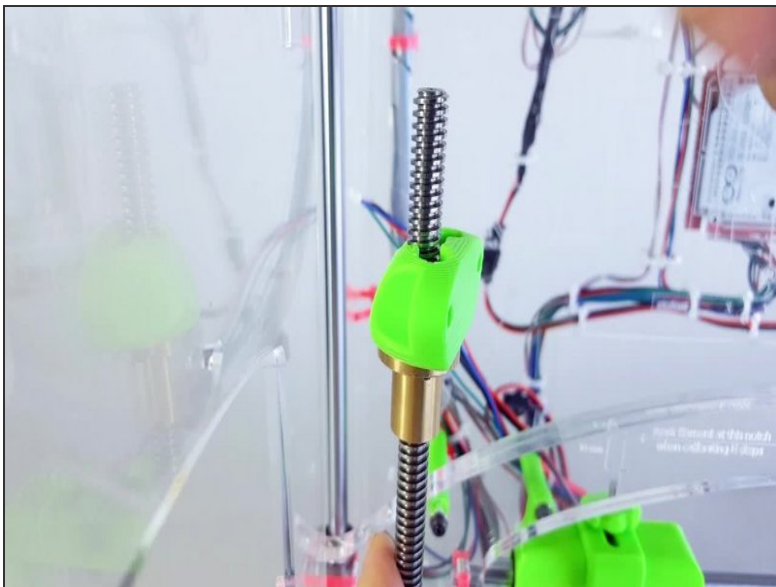
Step 1 — ↳ ZX Coupler

- Brass flange nut (trapezoidal thread)
  - The flange nut may have come pre-installed on the Z motor lead screw. In that case, take it down.
- ZX coupler
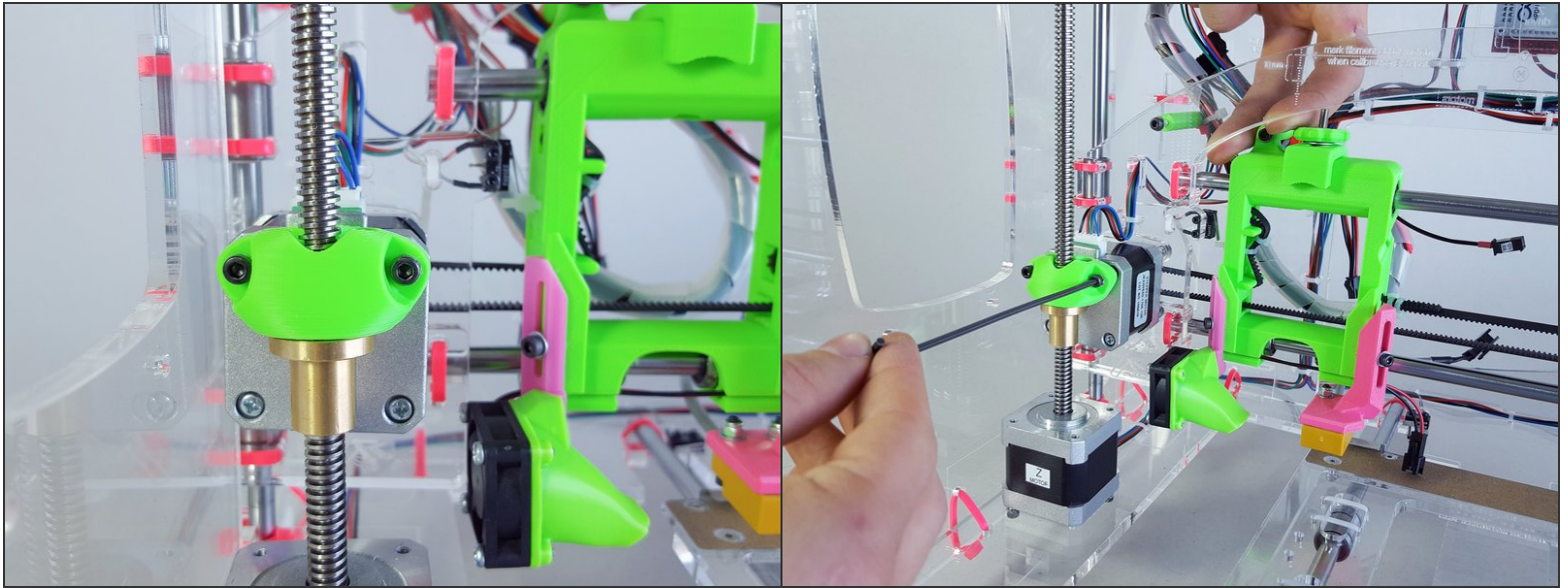- M3x12 screws + M3 serrated washers
- M3x45 screws + M3 serrated washers

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Step 2

- M3x12 screws + M3 serrated washers

Step 3

- Screw the coupler onto the lead screw; nut facing down.

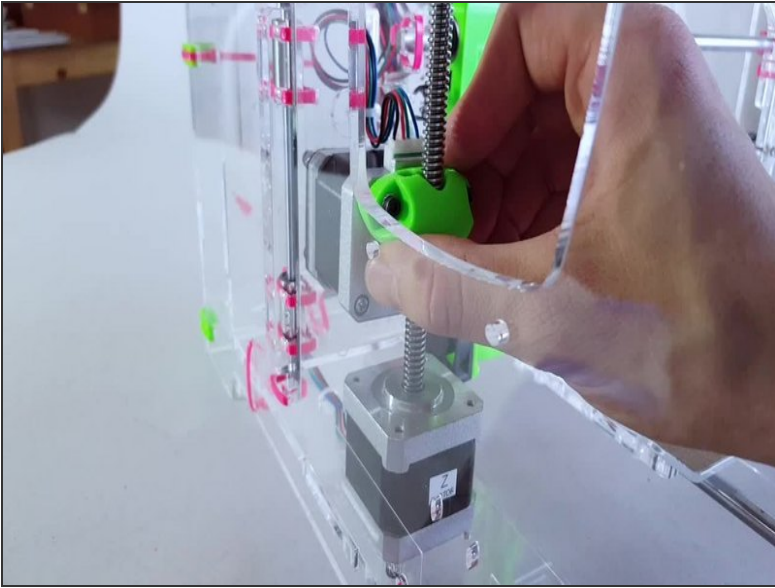This document was generated on 2022-01-11 07:48:44 AM (MST).

Step 4

- M3x45 screws + M3 serrated washers

- The screws screw *into* the top two holes in the X motor.

- Leave the screws a bit loose.

Step 5 — ↳ Align the Z Motor
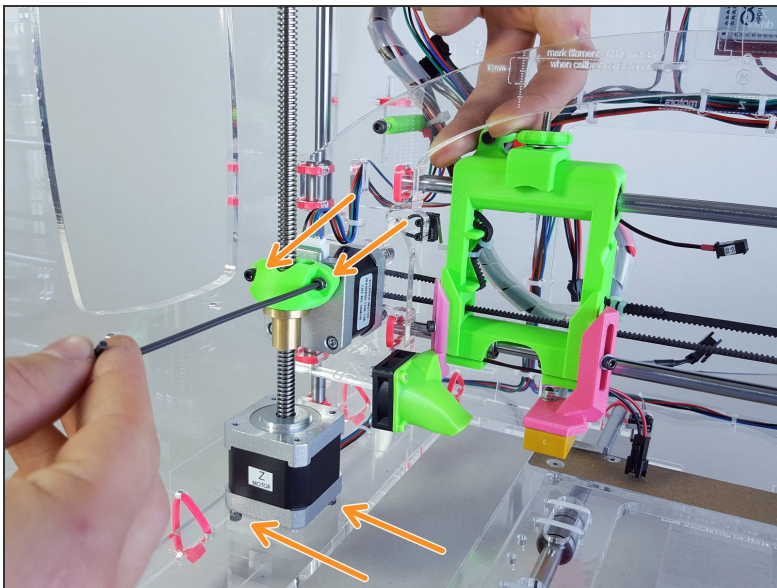
- Make sure the ZX coupler AND the Z motor screws are loose.

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Step 6

- Make the parts self-align.

- Rotate the Z lead screw by hand to find the Z motor position in which the movement is the smoothest.

- Moderately tighten both Z and X in position.

- Do not over-tighten.

- 📌 Put the printer on the edge of a table; that way you can tighten the Z motor screws from below.

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