Install the Front

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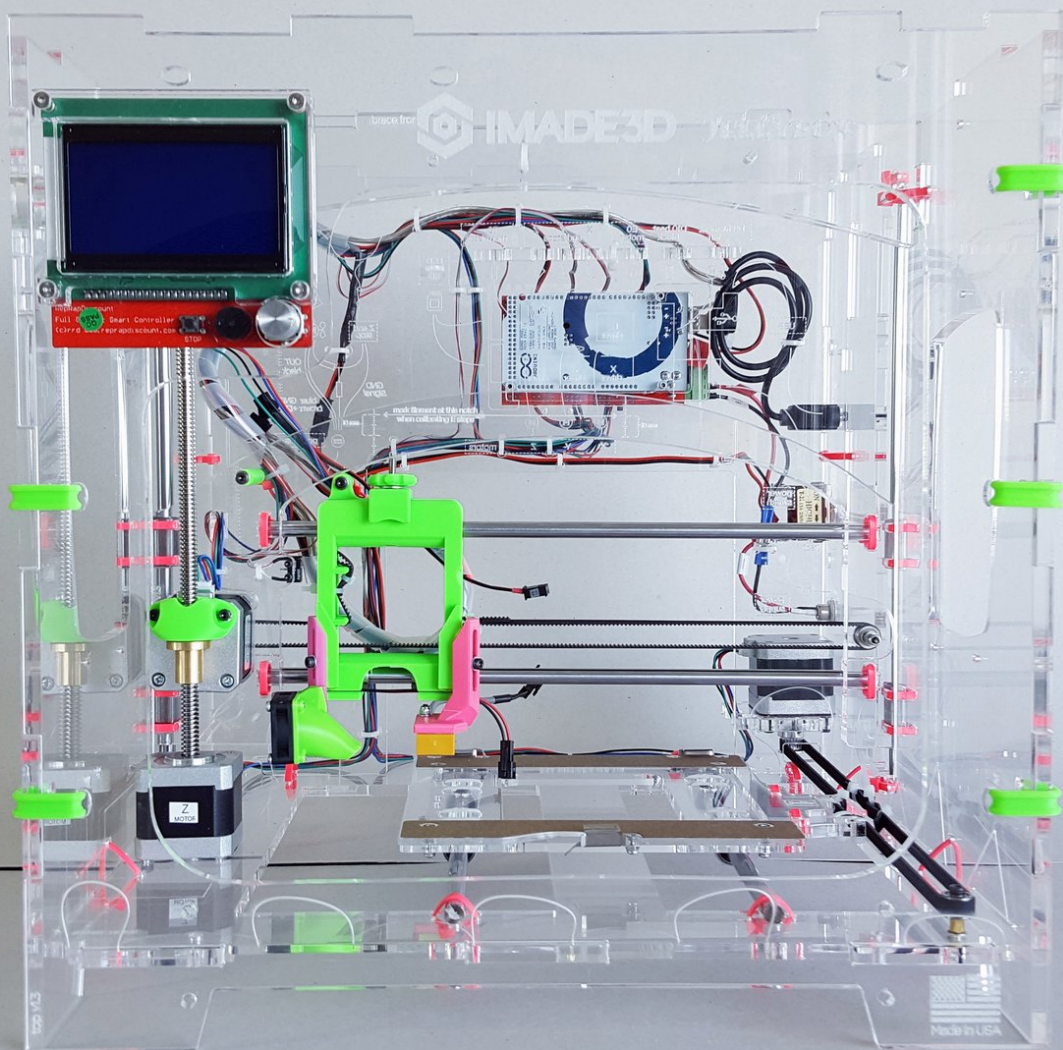© 2021   docs.imade3d.com/   Page 1 of 8

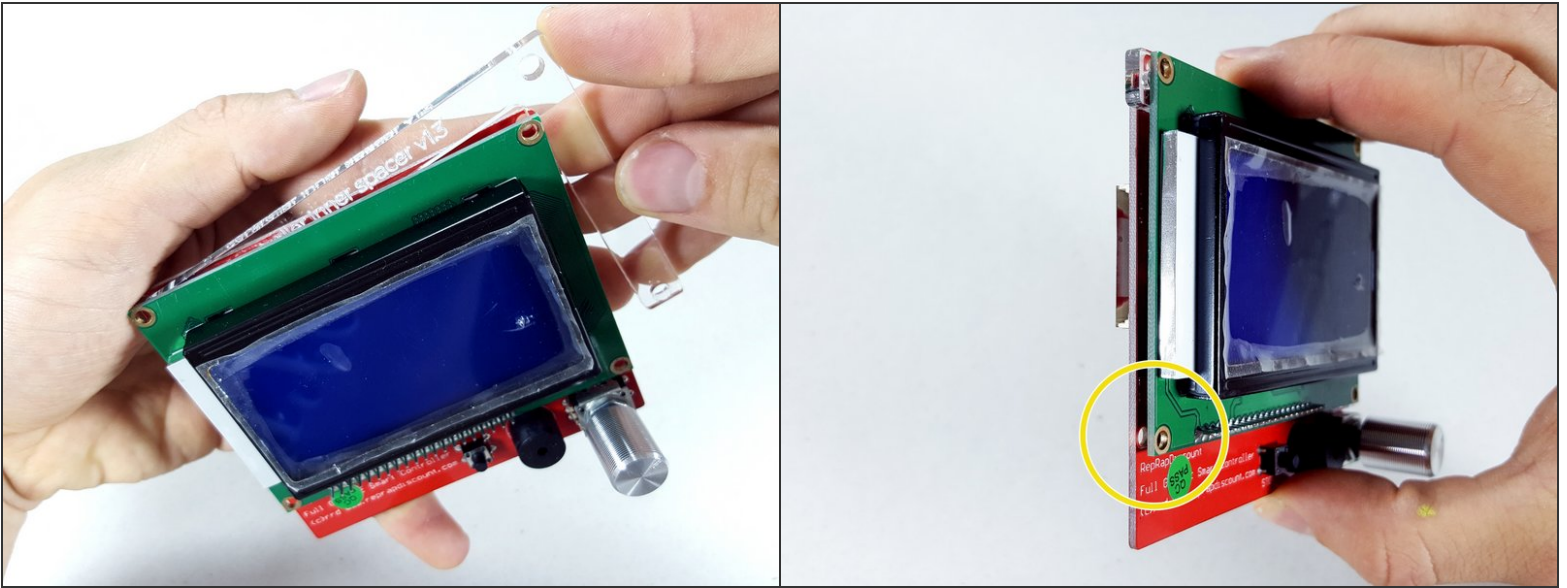## Step 1 — ↳ **Prepare the Front**

- LCD controller

- Acrylic Front

- Acrylic Inner and Outer Spacer (2)

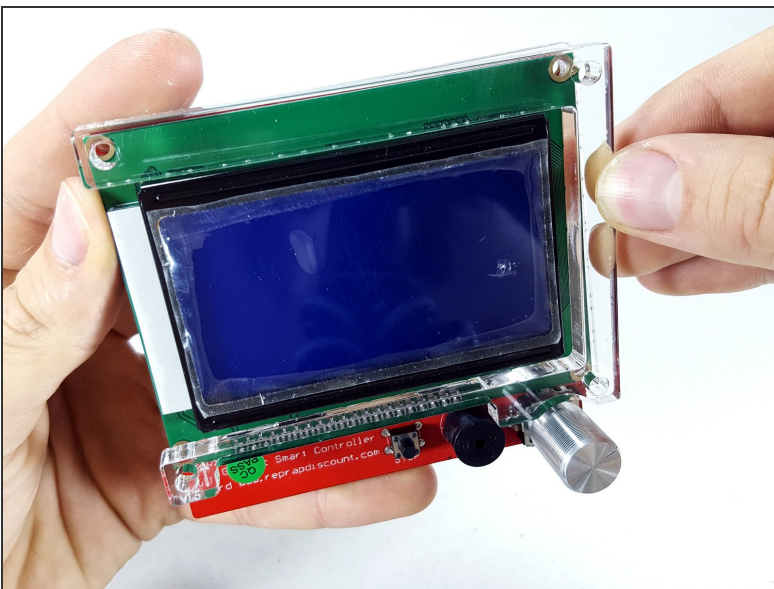- M3x25 flathead screws (4)

- M3 washers (4)

- M3 locknuts (4)

Step 2

- Peel off the white sticker from the controller's buzzer.

- 'Cause it's all about the looks.

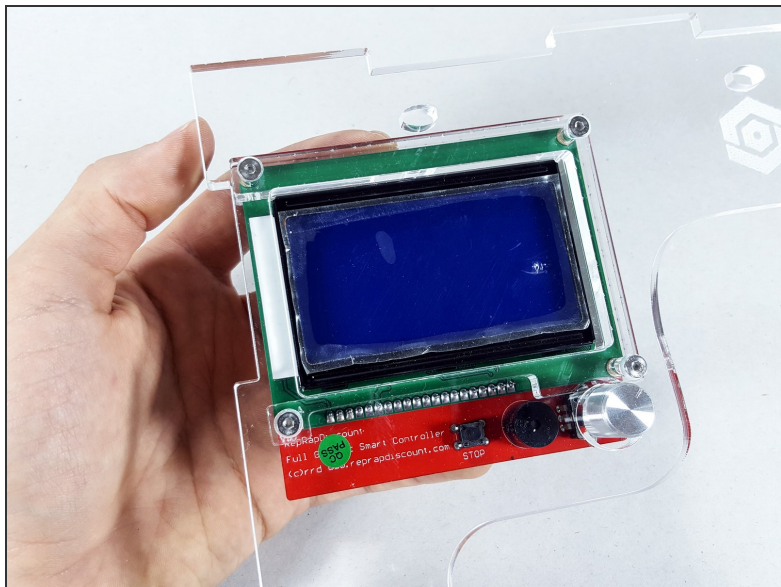This document was generated on 2021-12-27 01:20:29 PM (MST).

Step 3

- Sandwich the thin **3mm** LCD spacer between the two layers of the controller.

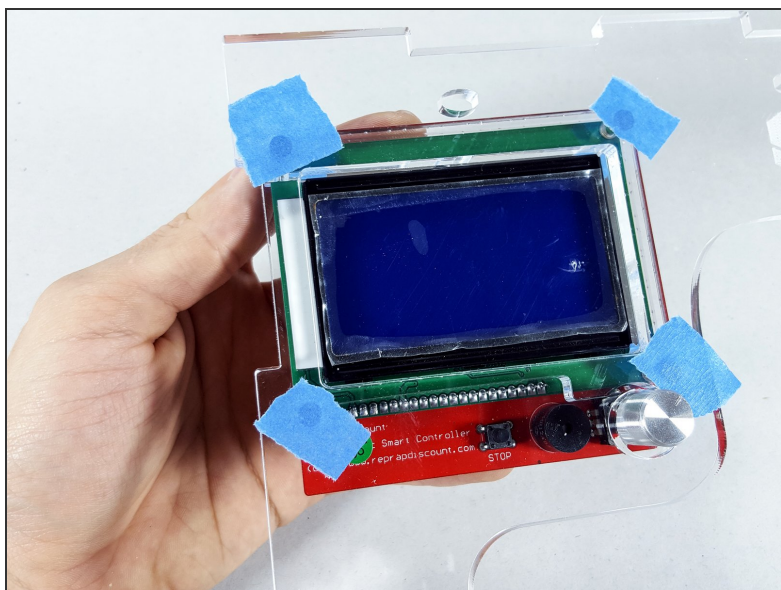- Note that the bottom left hole is not covered by the spacer.

Step 4

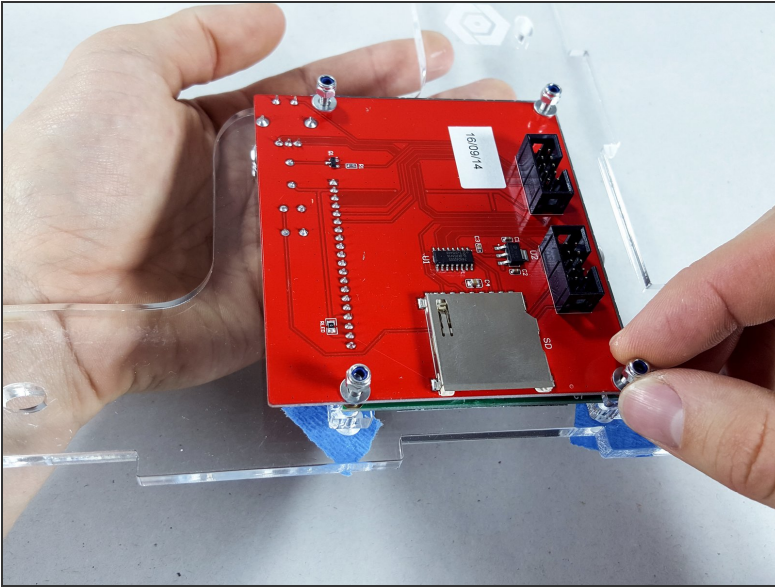- Align the **6mm** spacer to the front of the controller.

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Step 5

- Attach the LCD controller to the front acrylic piece.
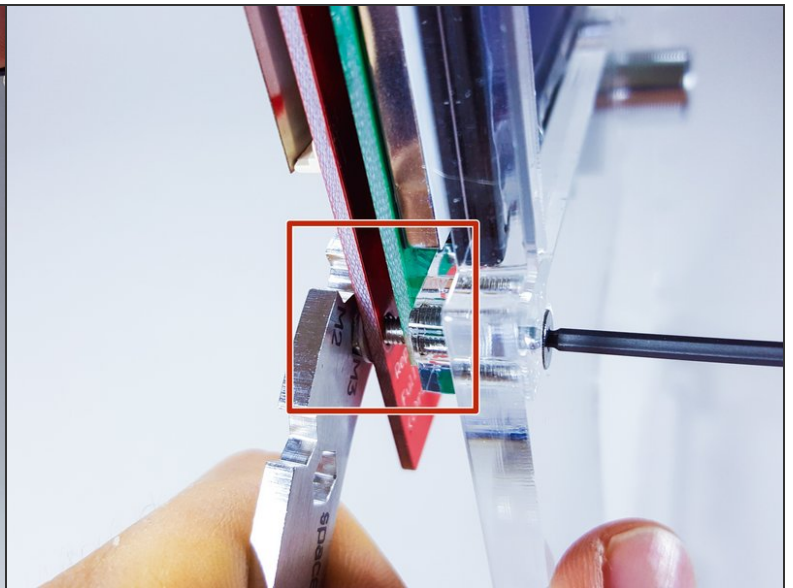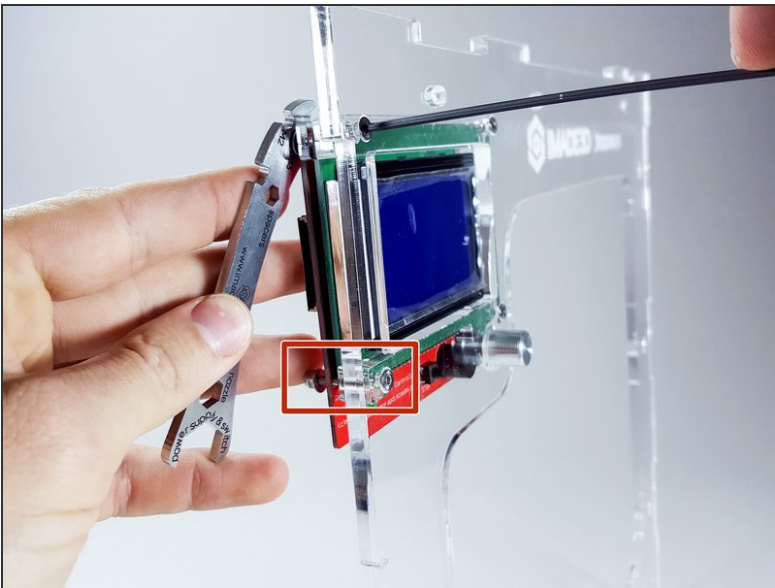
Step 6

- Optional: hold the screws in place with a bit of (blue) tape.
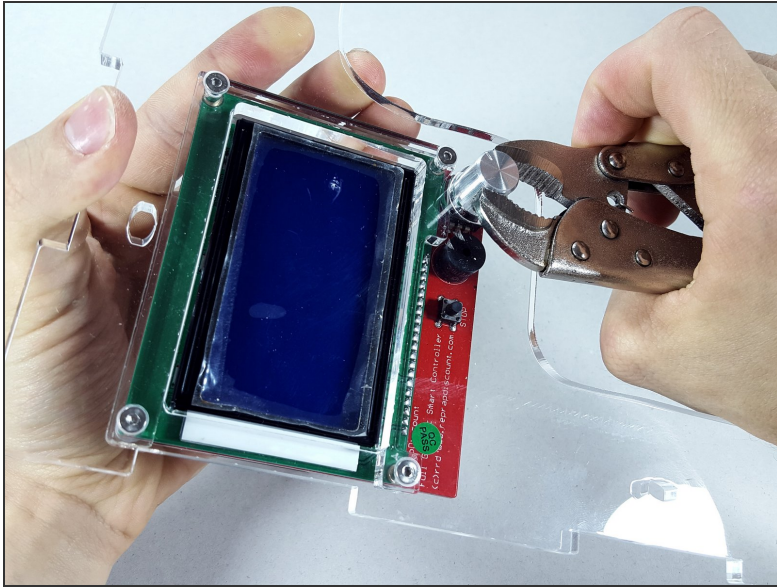
Step 7

- M3 locknuts (4)

Step 8

- Tighten the screws.

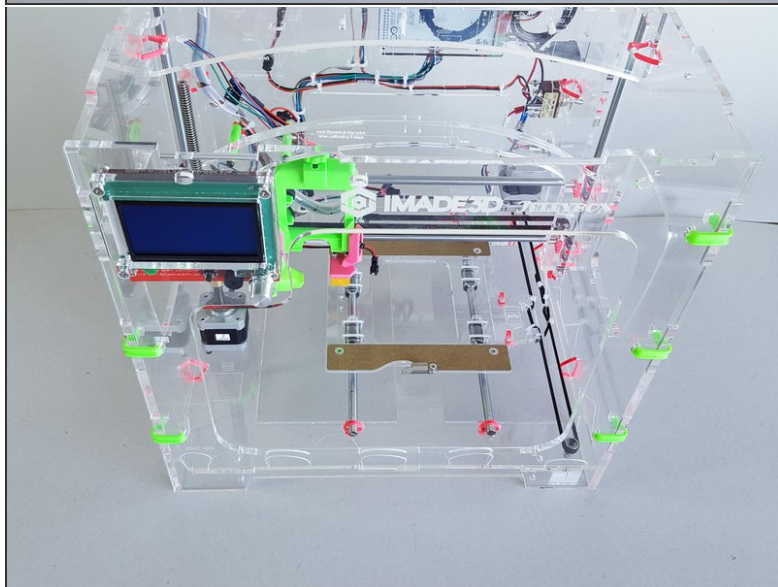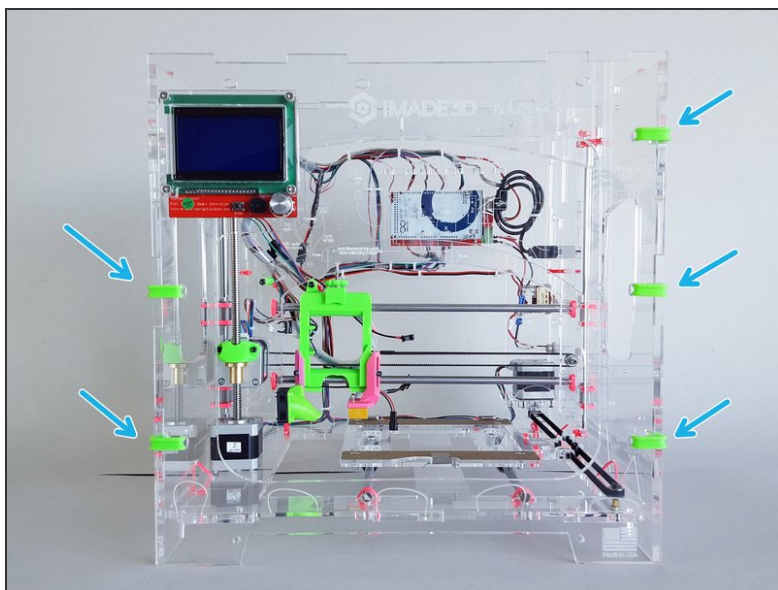⚠ Do not over-tighten the bottom-left screws as there is no inner spacer. You could damage your controller!

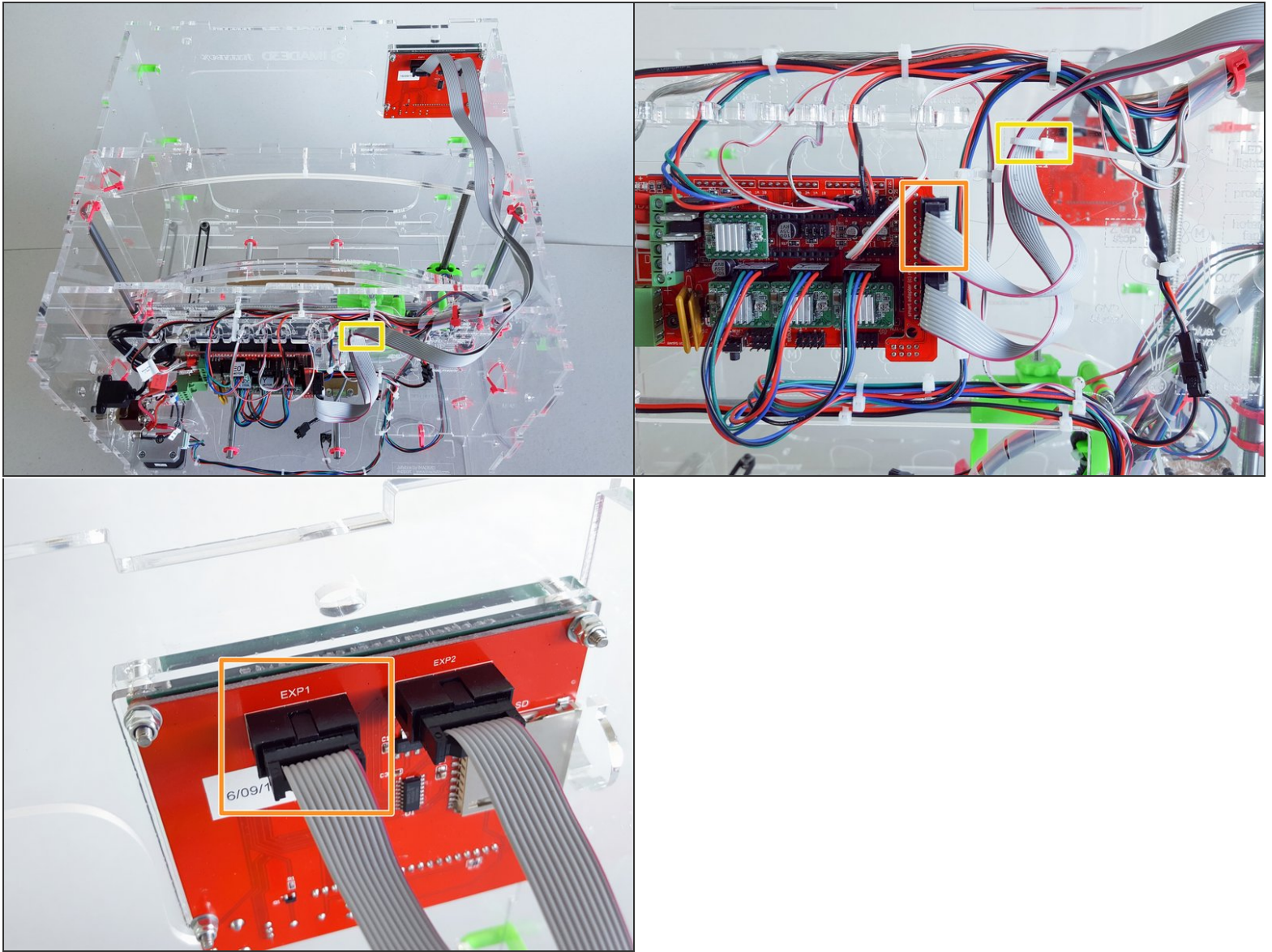This document was generated on 2021-12-27 01:20:29 PM (MST).

Step 9

- Ensure the Knob is Working Correctly

- IF you have troubles fully pressing the knob (there should be an audible click), or if the knob does not rotate smoothly, pull it out a bit with vise grips, and all will be well.

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Step 10 — ↳ Install the Front

- Slap the front onto the printer and secure with the green corner clips.

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Step 11 — Wire up the LCD Conroller

- 4" zip tie

  - Do not over tighten. Leave quite loose.

- The EXP 1 connector from the LCD needs to connect with the EXP 1 connector on RAMPS. (And EXP 2 matches EXP 2). Else the LCD will not turn on. (But neither it will get damaged.)

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