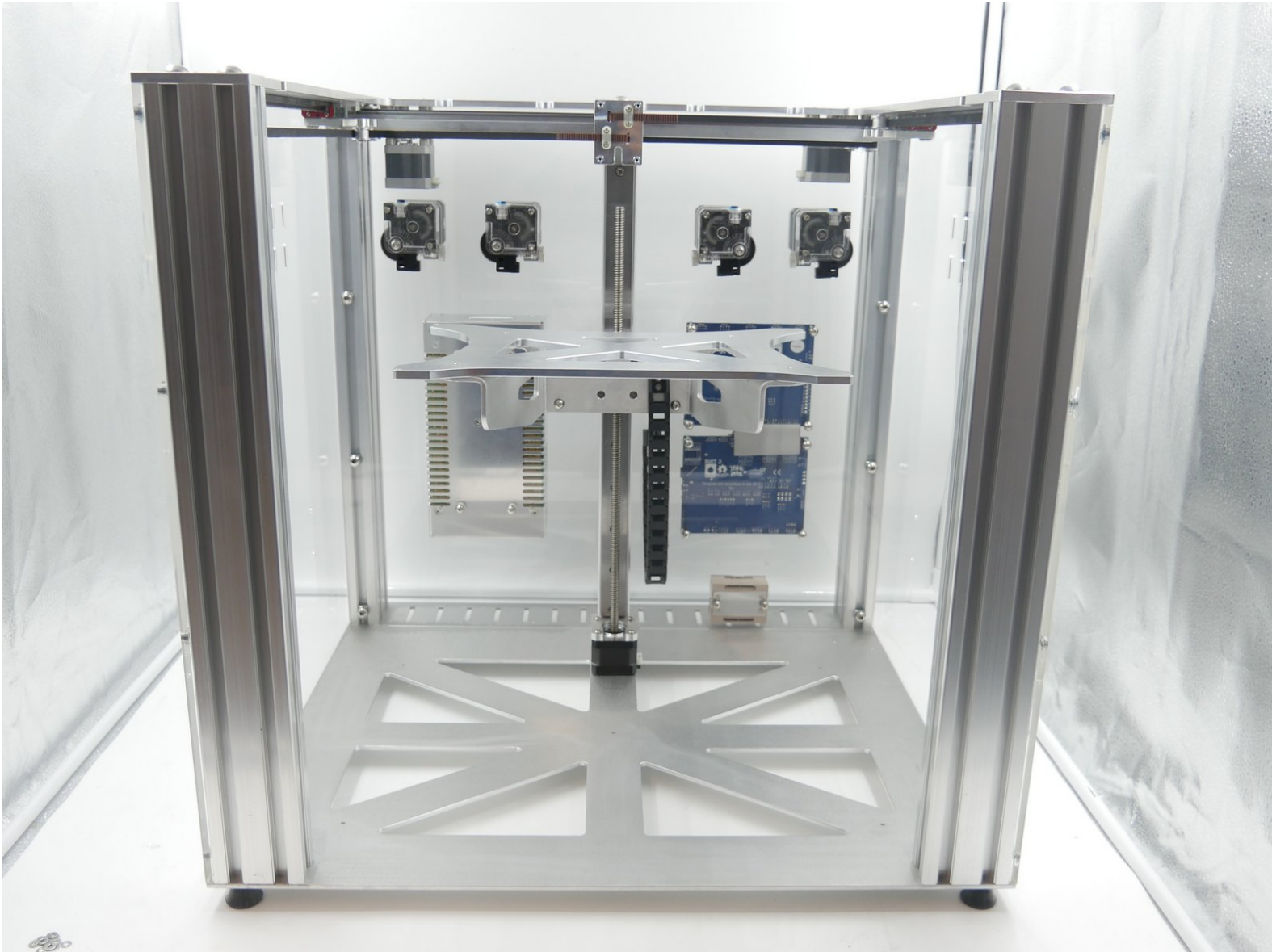


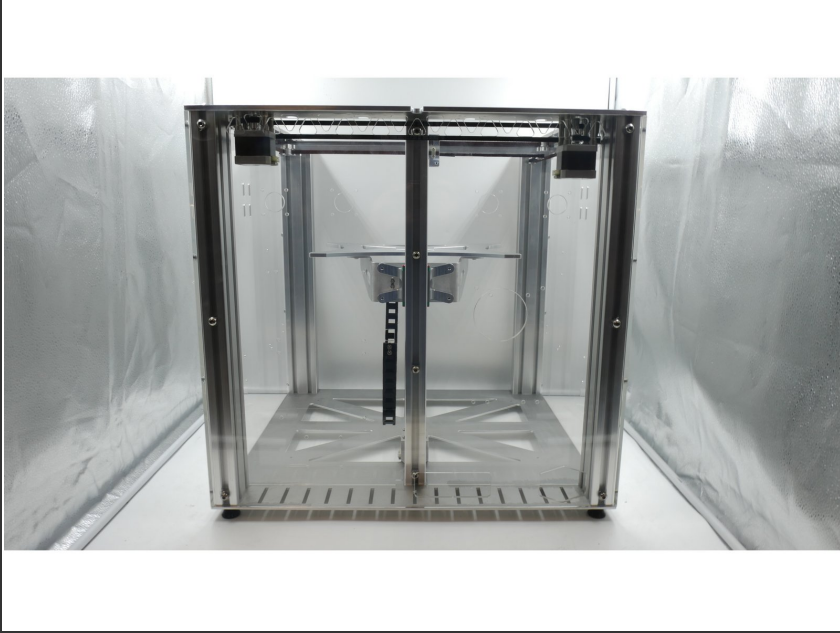


02 - Electronics Installation.

Written By: Dan Rock

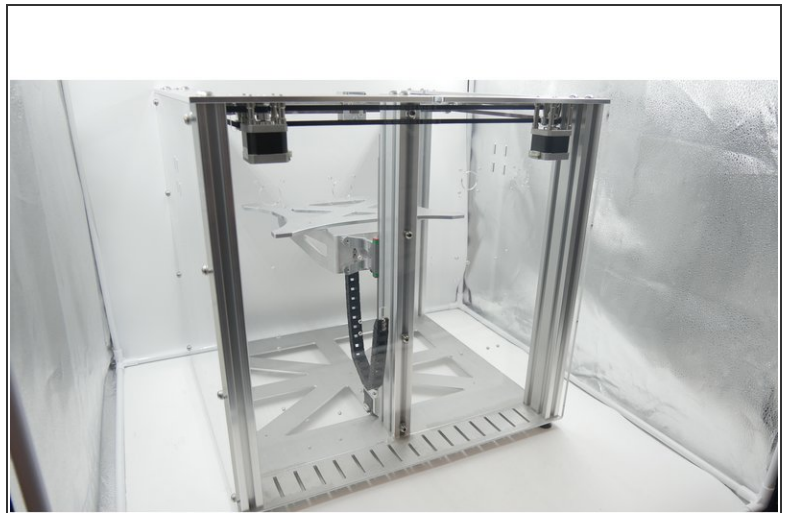
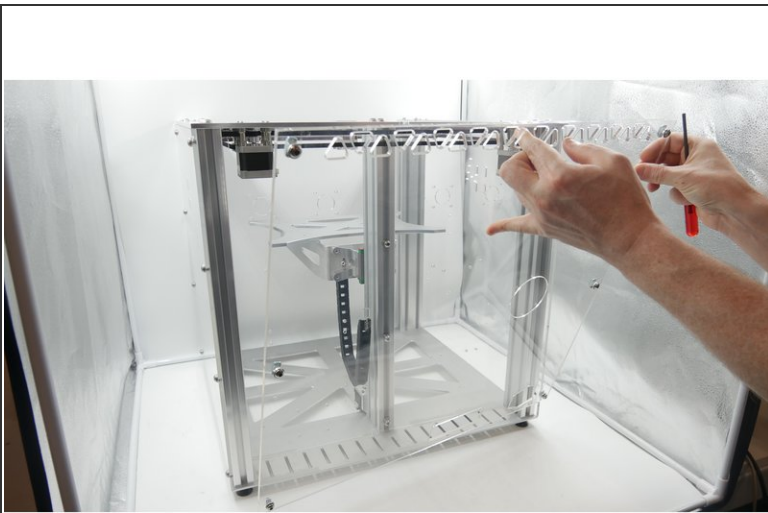


Step 1 — To Begin.



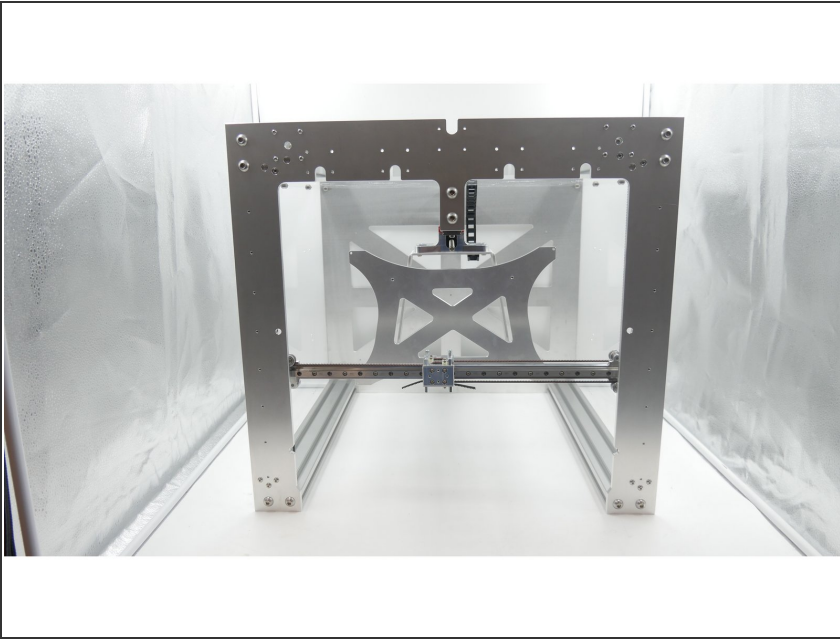
- Position the Motion System so that the back is facing you.

Step 2 — Rear Panel.



- Remove the Rear Panel.

Step 3 — Position.



- Rotate the frame so that the front is resting on the table and the top is facing you.

Step 4 — Gather Parts.



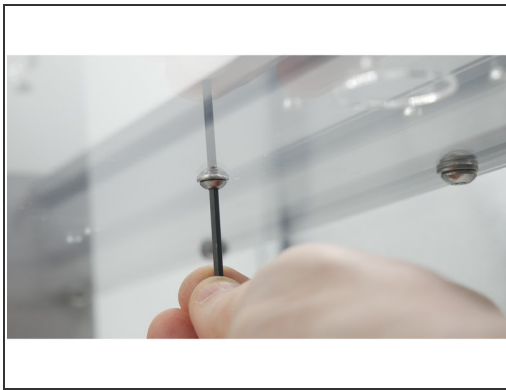
- 8 x M4 Nylon Washers.
- 8 x M4 8mm Button Head Screws.
- 8 x M4 6mm Button Head Screws.
- 8 x 12mm Standoffs
- 8 x M4 Washers.

Step 5 — Washer.



- To each 8mm M4 screw fit a washer.

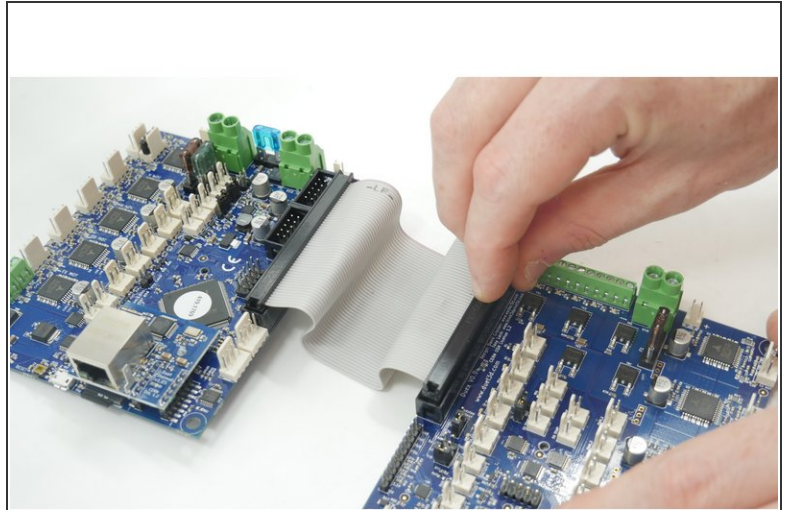
Step 6 — Fit.



- Fit the Standoffs to the Electronics Panel as shown.

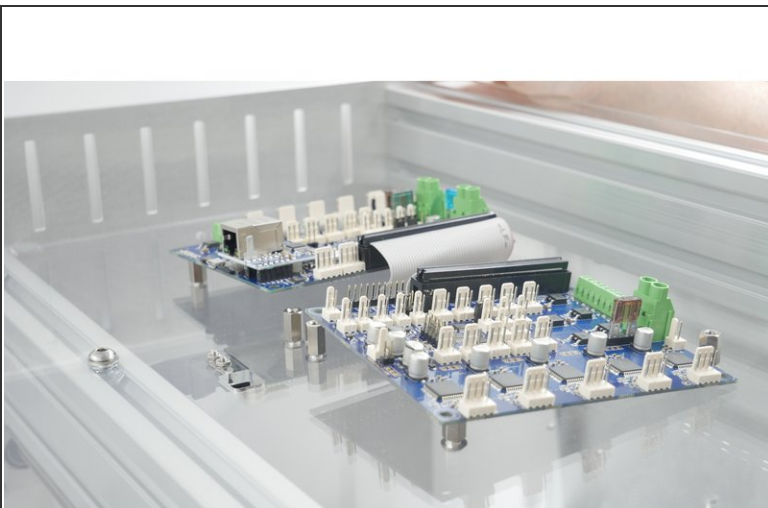
 Do not fully tighten the screws.

Step 7 — Duet.



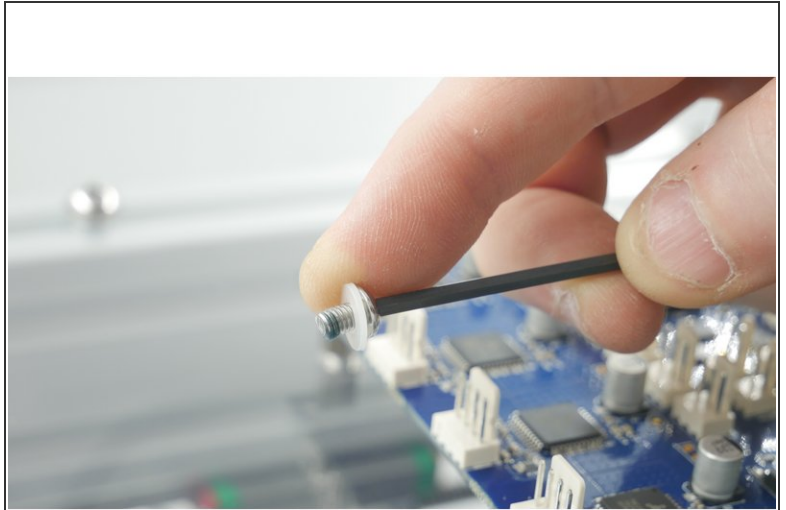
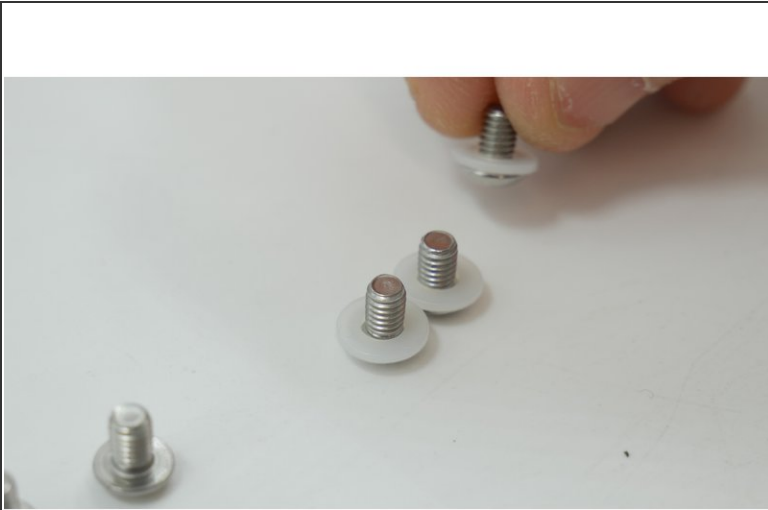
- Unpack the Duet2 and Duex5.
- Fit the supplied ribbon cable to the boards.

Step 8 — Duet.



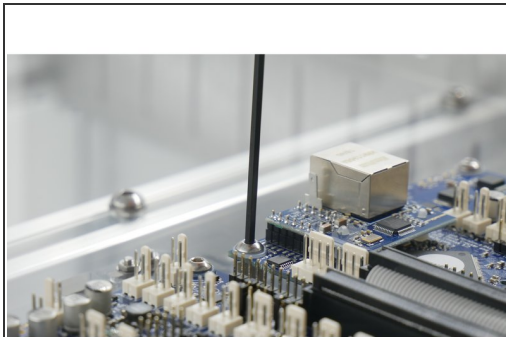
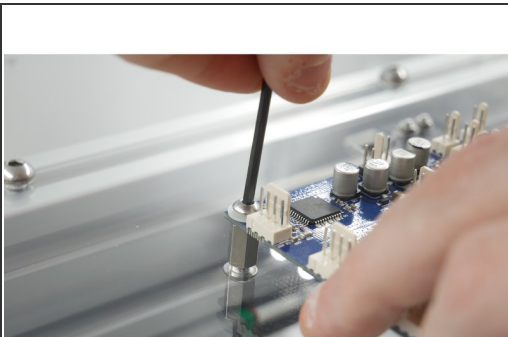
- Place the Duet WiFi/ Ethernet and DueX on the standoffs.
- ⚠ Please note the position of the boards in relation to the stepper motors.

Step 9 — Duet.



- Place the Nylon washers over the remaining button head screws.
- Apply thread lock to the button head screws.

Step 10 — Tighten.



- Fasten the board to the standoffs.
- Fully tighten all the screws.

Step 11 — PSU.



- Unbox and unpack the PSU.
- ⚠ Check the input voltage selector on the side of the PSU.

Step 12 — Duet.



- Apply the Duet Sticker to the PSU.

Step 13 — Parts.



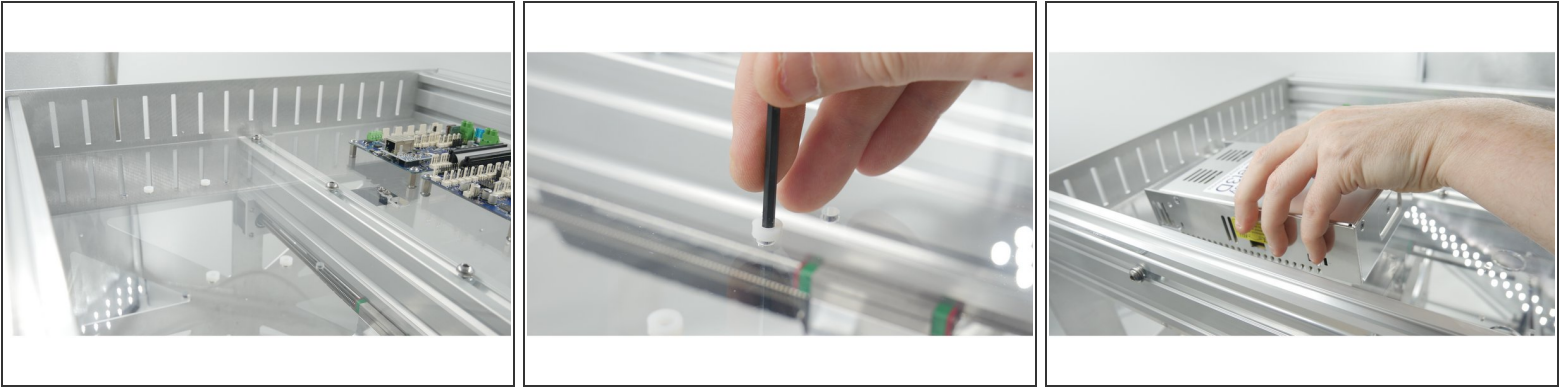
- 4 x M4 12mm Button Head Screws.
- 4 x M4 Washers.
- 4 x M4 Nylon spacers.

Step 14 — Washers.



- Place the M4 washers over the button head screws.

Step 15 — PSU.



- Place the nylon spacers over the holes.
- Use a poker to line the hole of the spacer to the hole in the panel.
- Place the power supply on the spacers.
- Make sure to line up the holes on the power supply with the holes in the spacer/ panel.
- Do this gently to avoid moving the spacers out of place.

Step 16 — PSU.



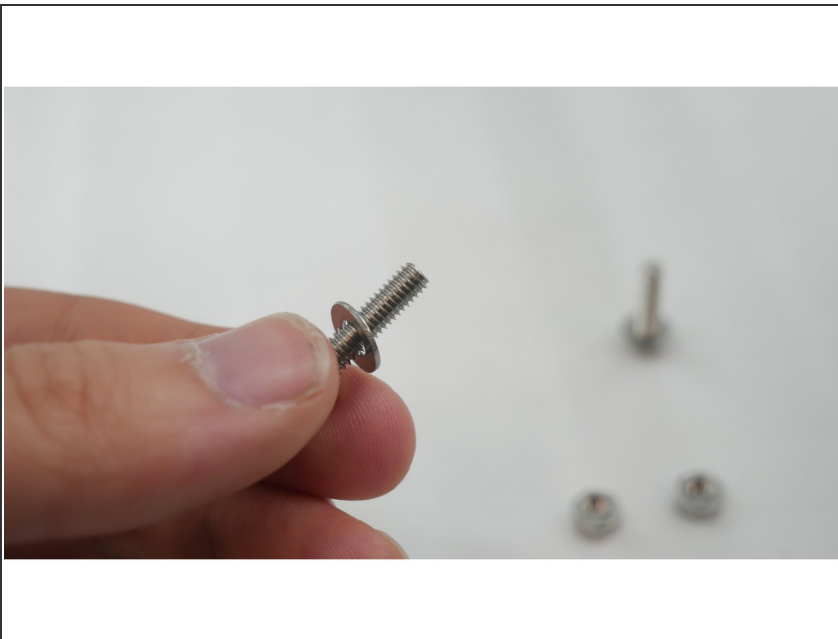
- Screw in the button head screws.

Step 17 — Gather Optional Parts.



- 2 x M4 16mm Button Head Screws.
- 2 x M4 Washers.
- 2 x M4 Hex Half Nuts.
- 1 x SSR.

Step 18 — SSR.



- Place the washers on the M4 button head screws.

Step 19 — Check Orientation.



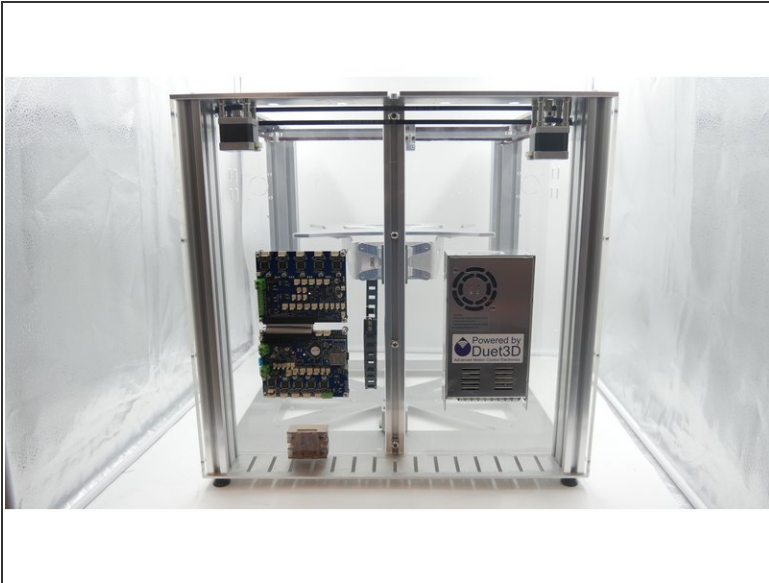
- Position the SSR as shown.

Step 20 — SSR.



- Fix the SSR in place.

Step 21 — Orientation.



- Check the orientation of the SSR and other electronics.