

MY 3D

F1-B V2 NANO



Preparation and steps



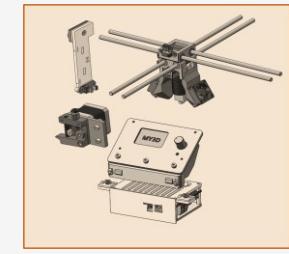
1



2

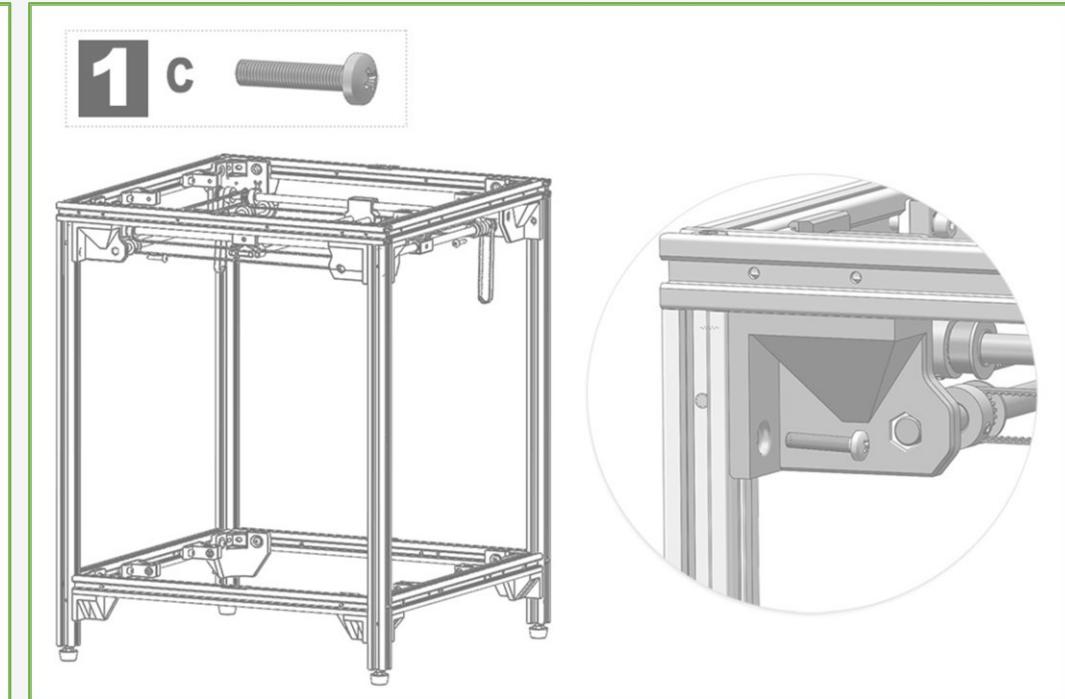
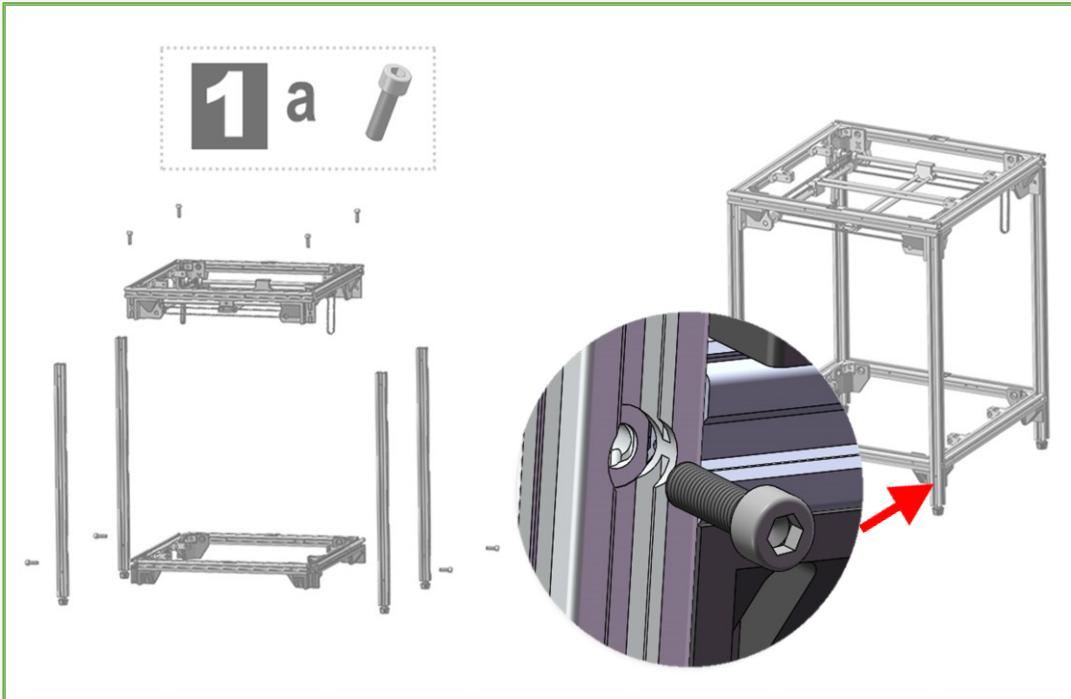


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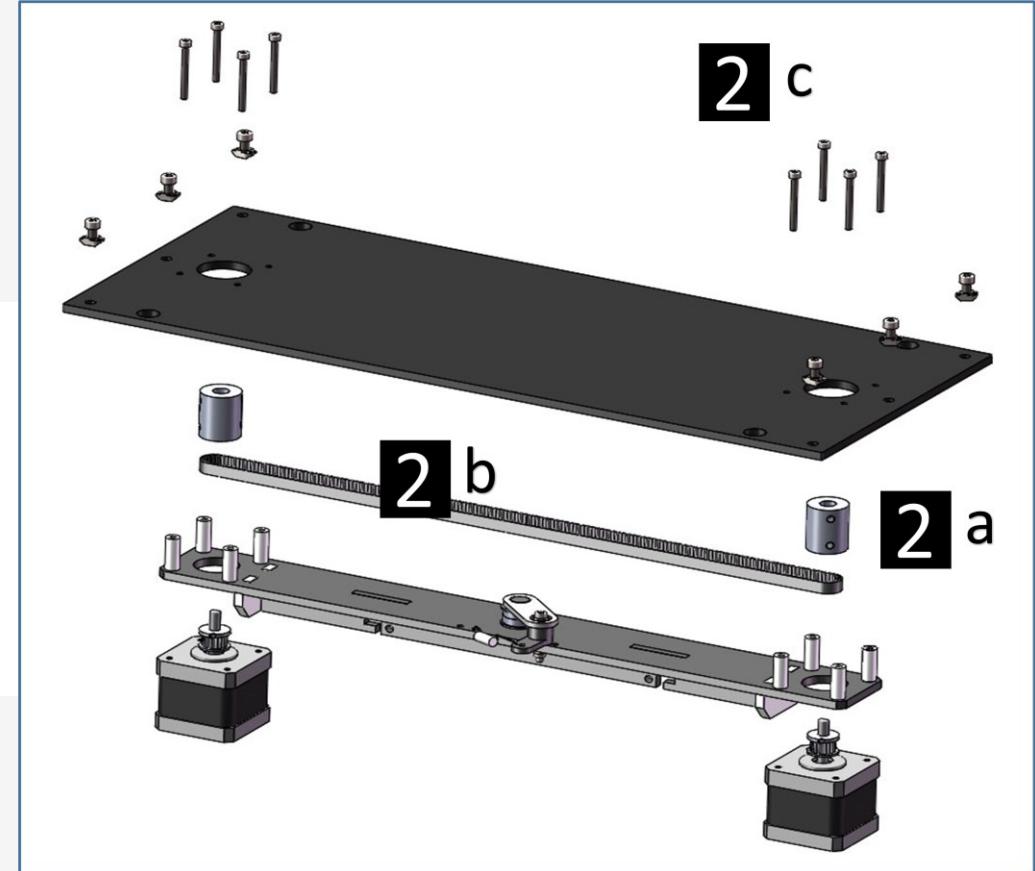
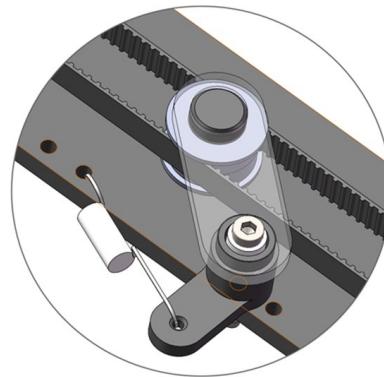
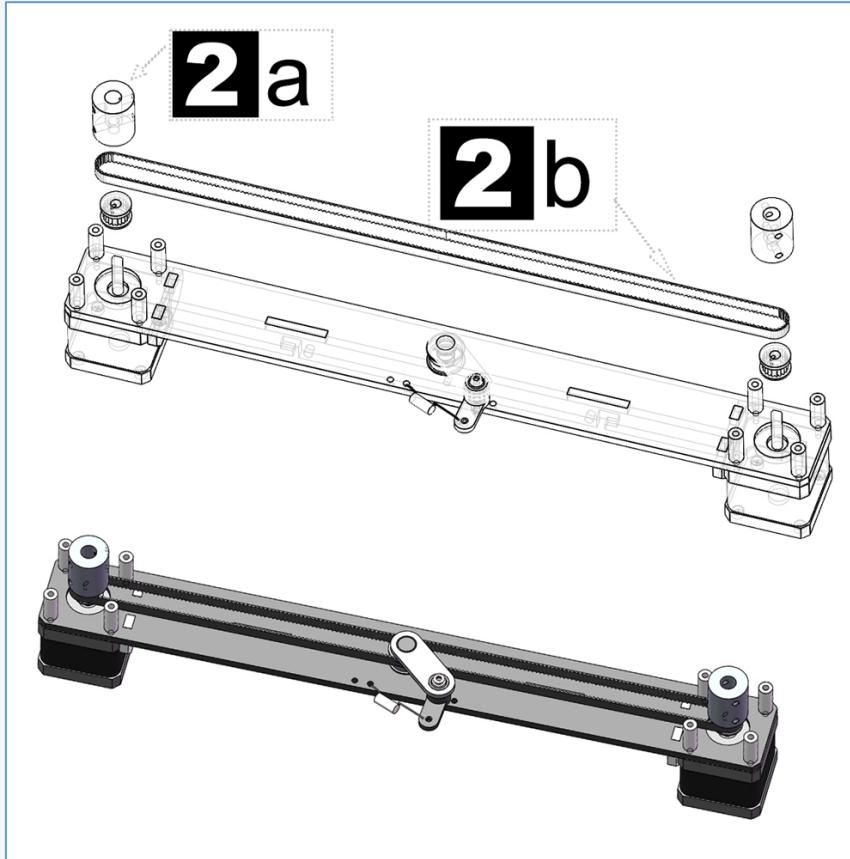
1

First step frame



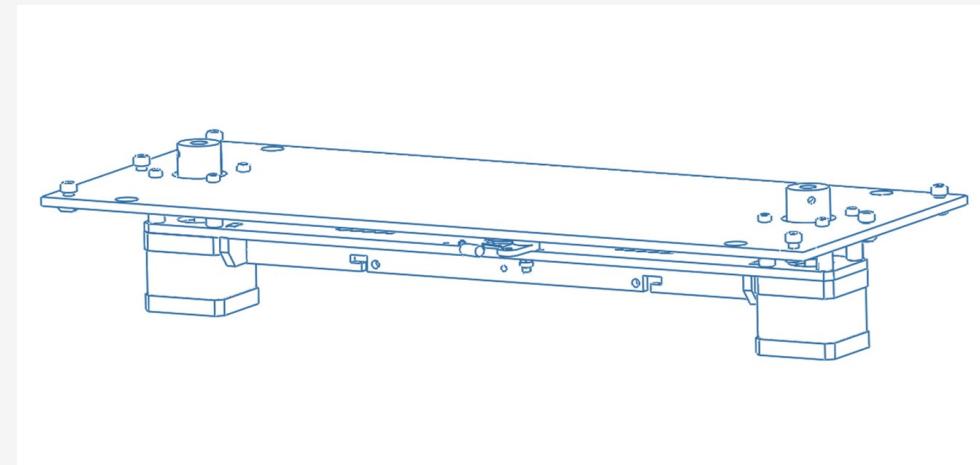
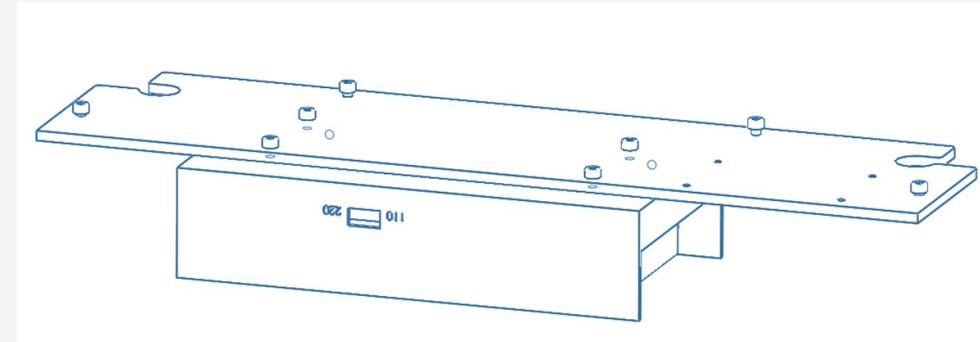
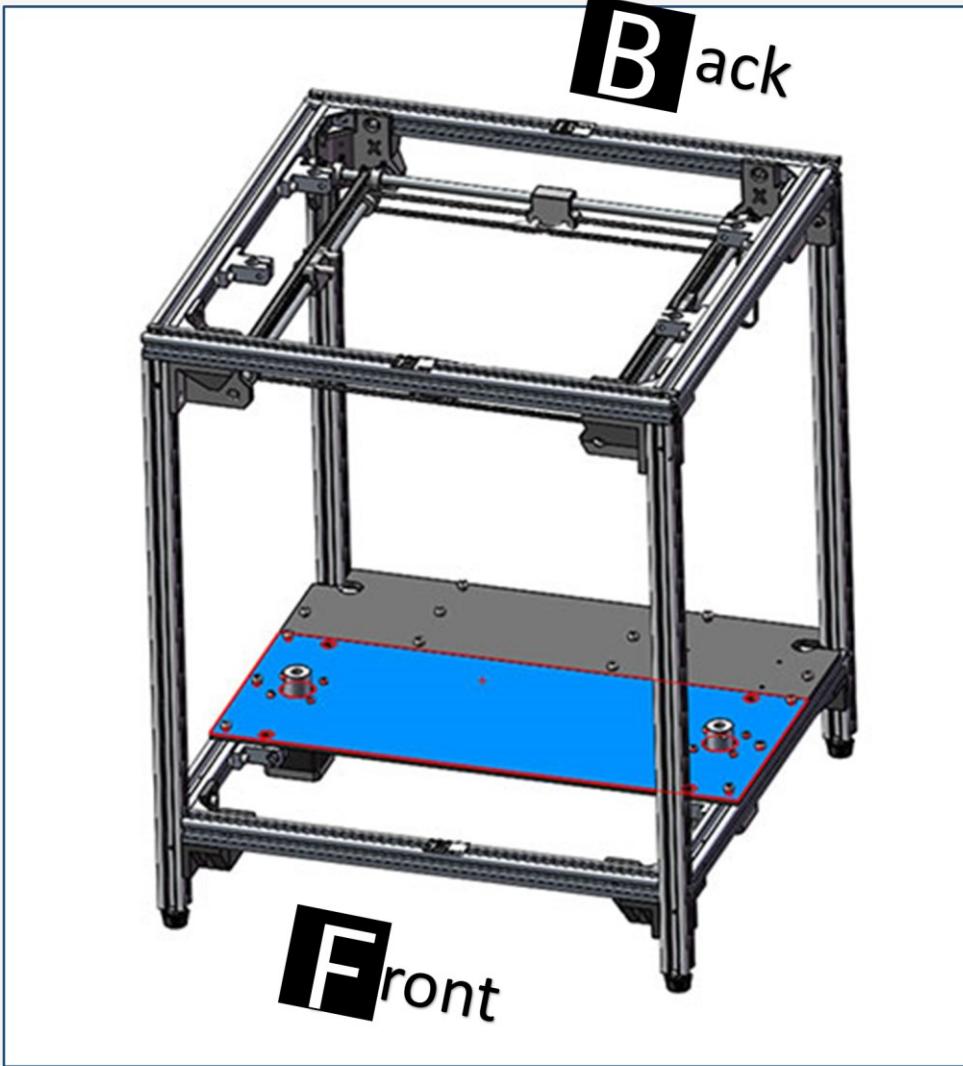
Step 2 Hot bed Z axis

2



Step 2 Hot bed Z axis

2

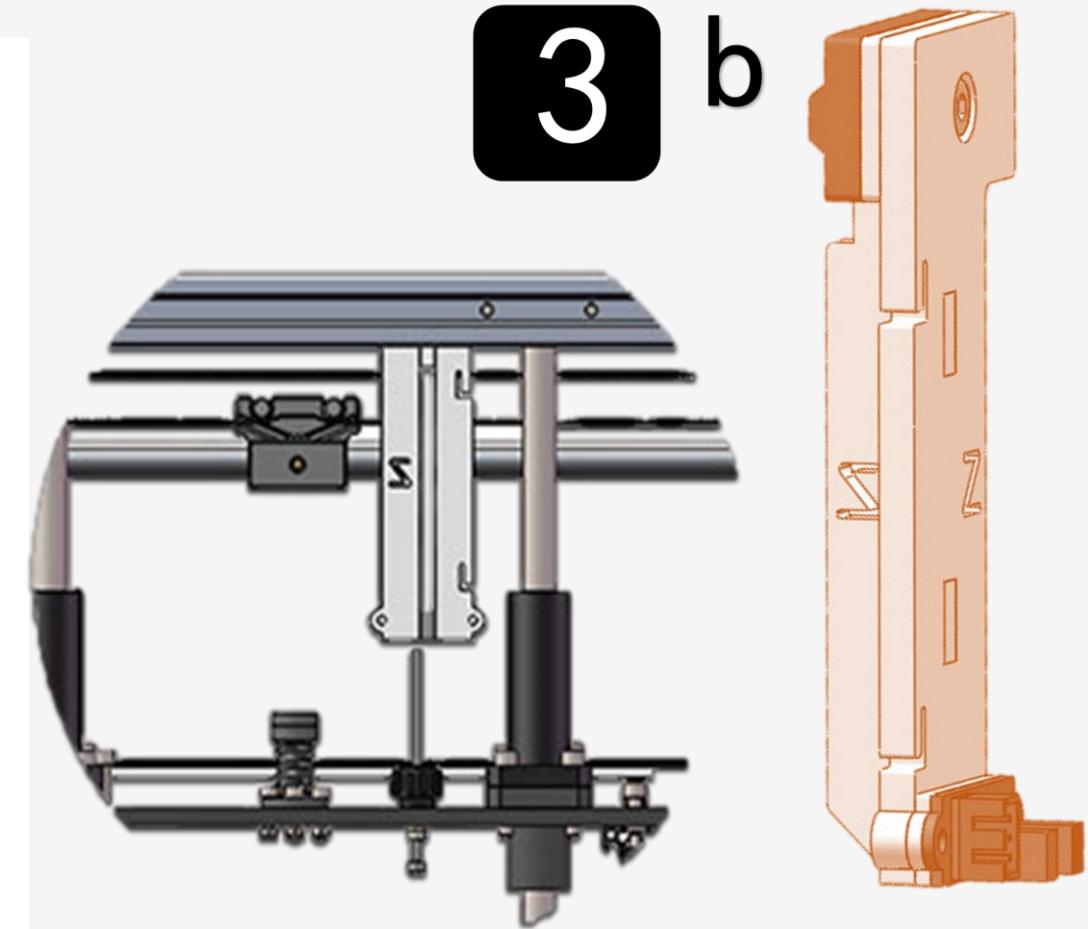


Step 2 Hot bed Z axis

2

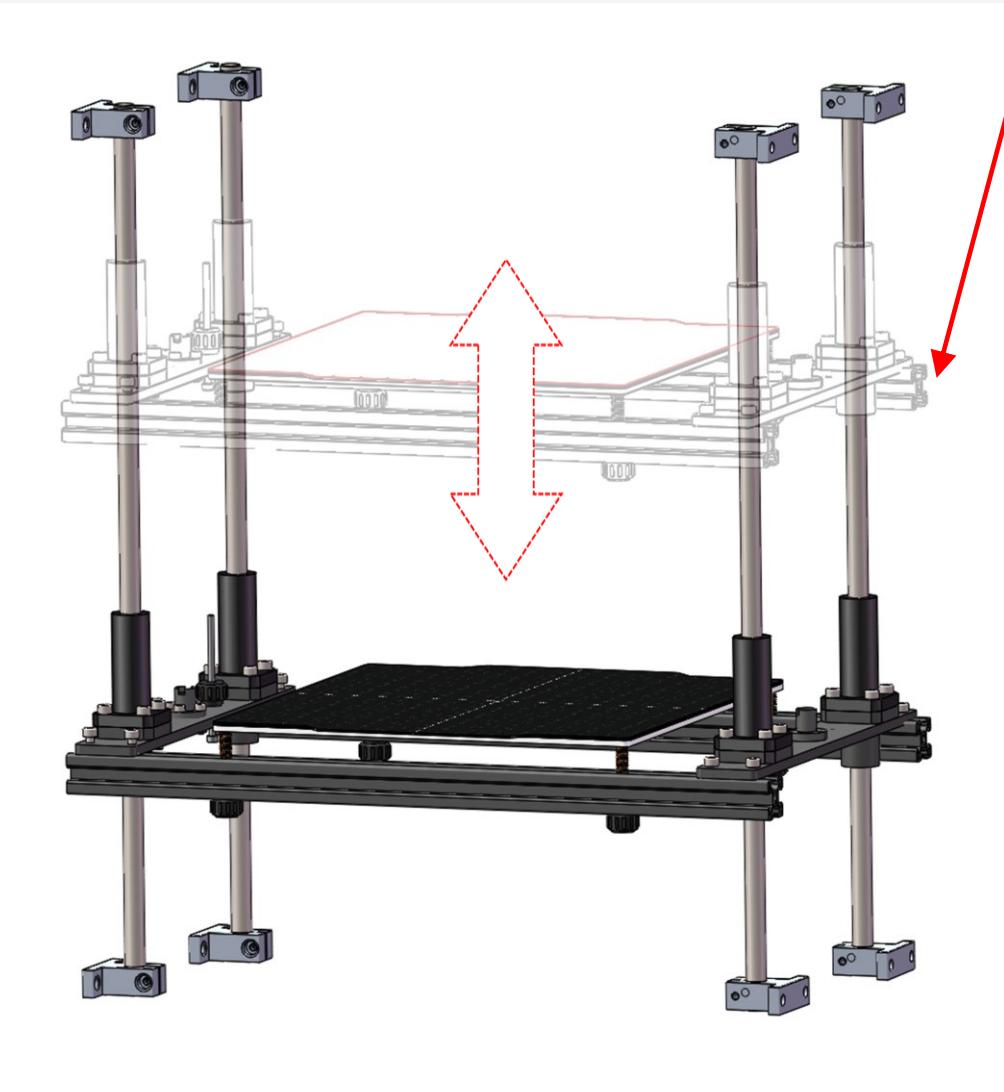


3 b

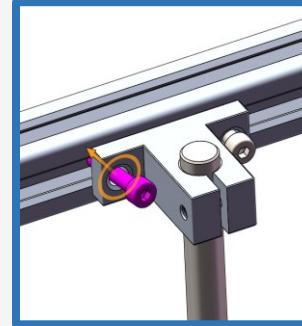


Step 2 Hot bed Z axis

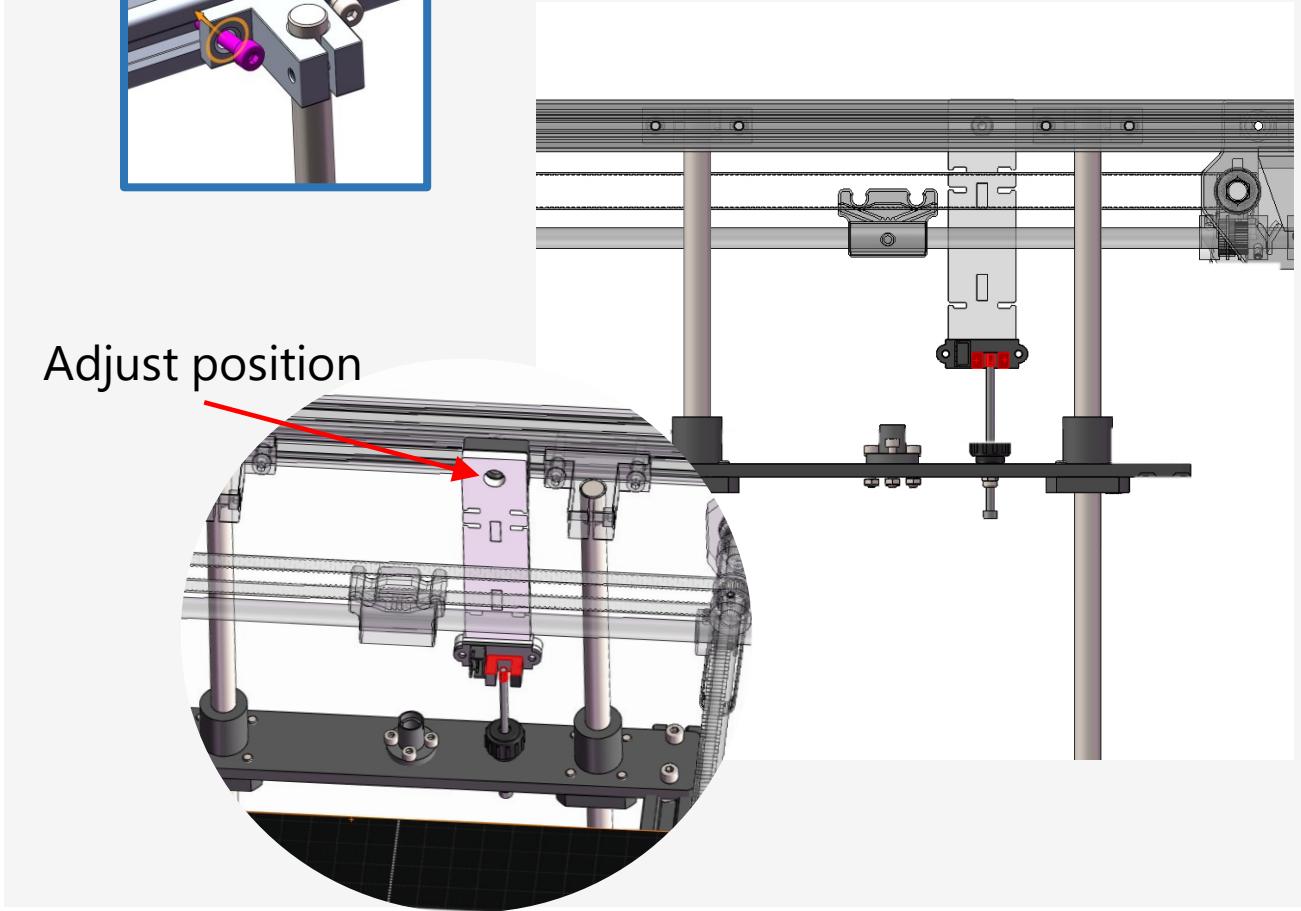
2



sliding up and down smoothly

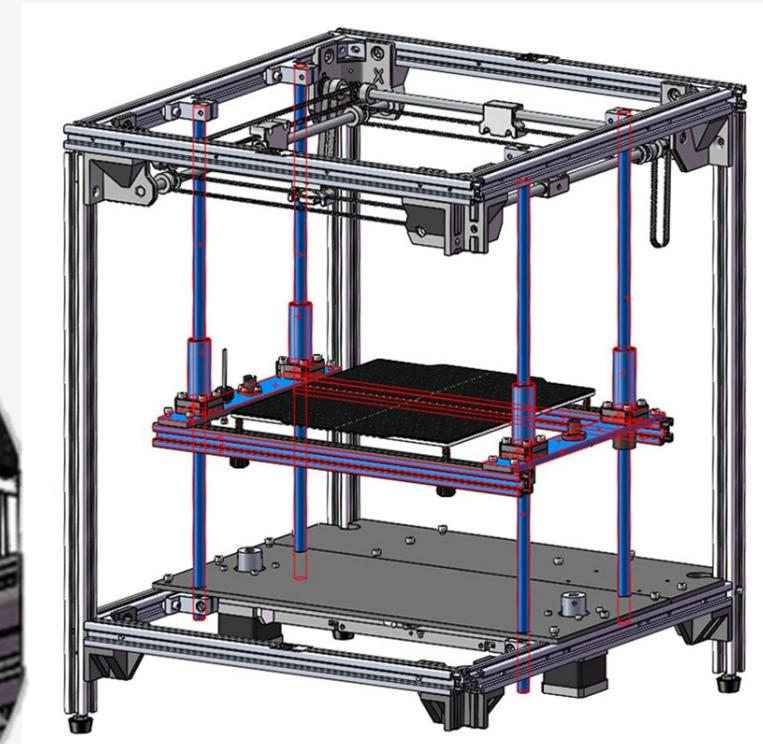
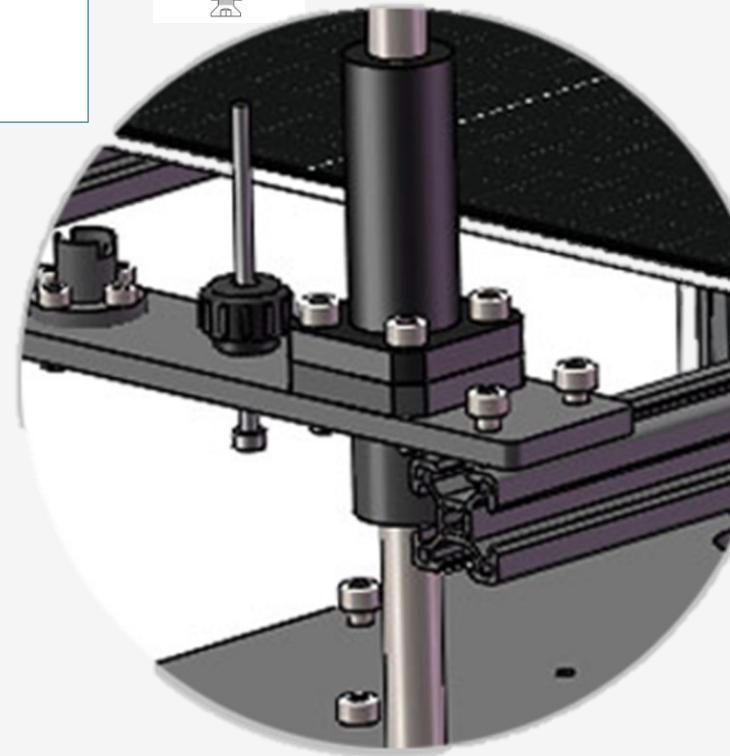
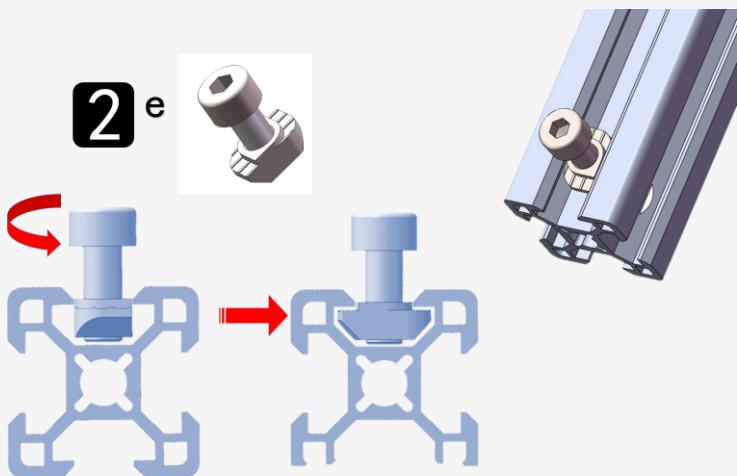
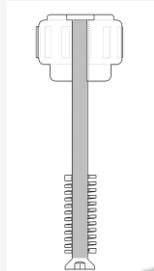


Adjust position



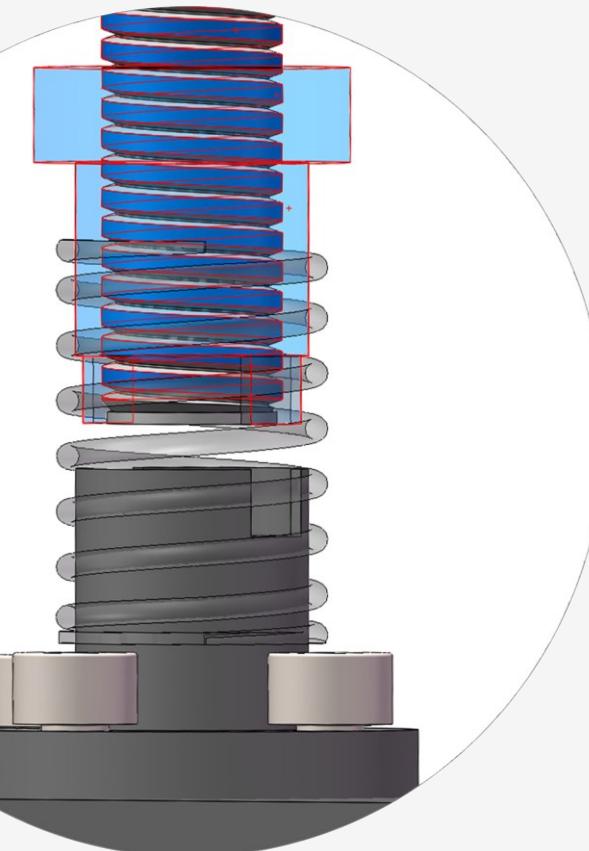
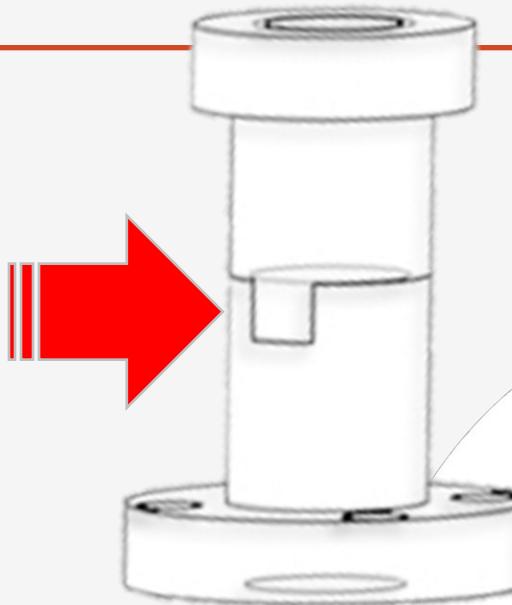
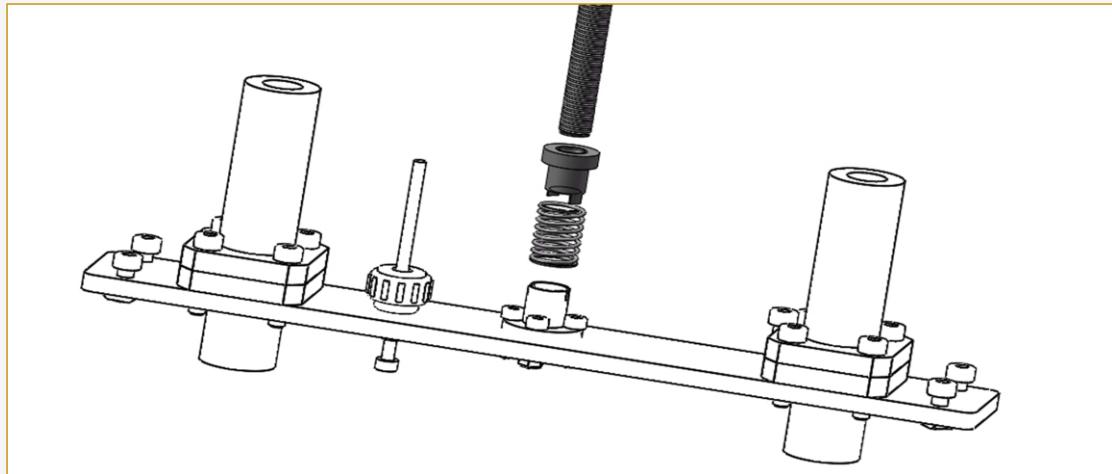
Step 2 Hot bed Z axis

2



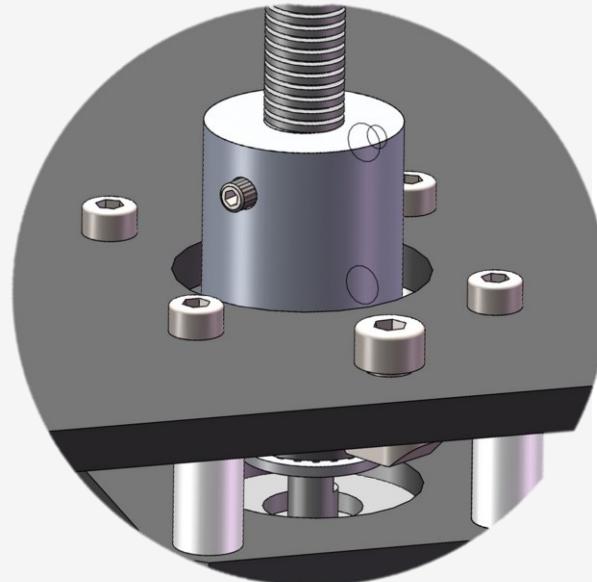
Step 2 Hot bed Z axis

2



Step 2 Hot bed Z axis

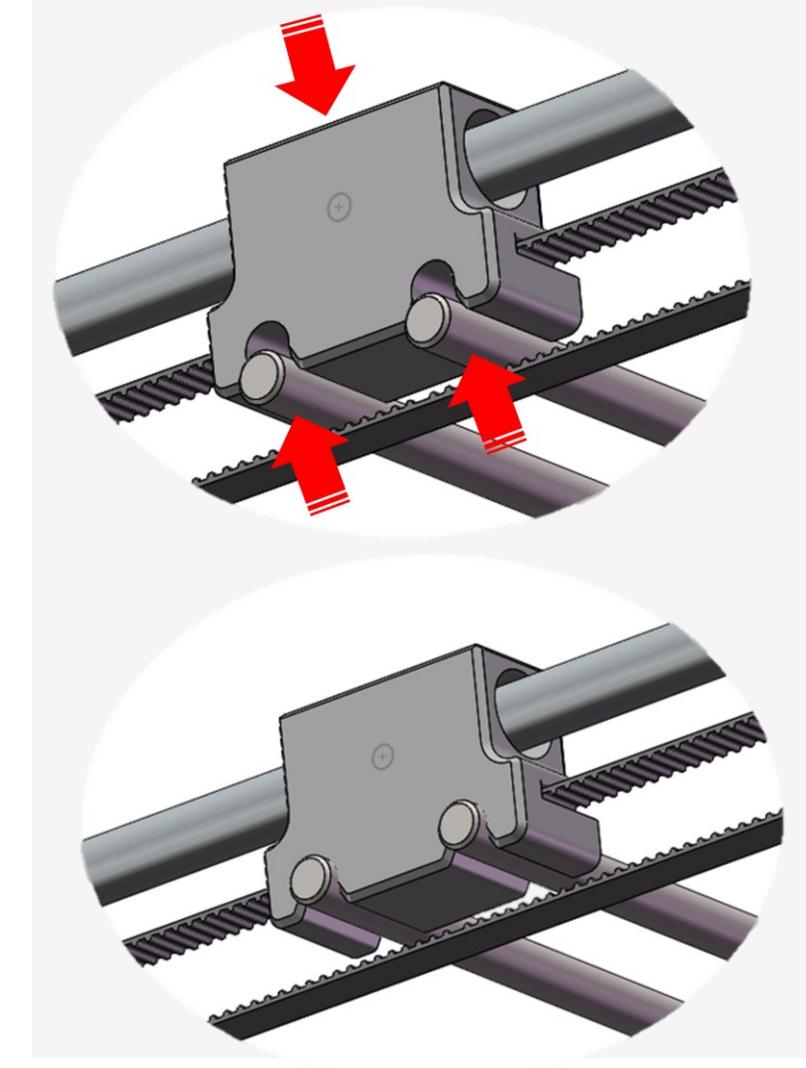
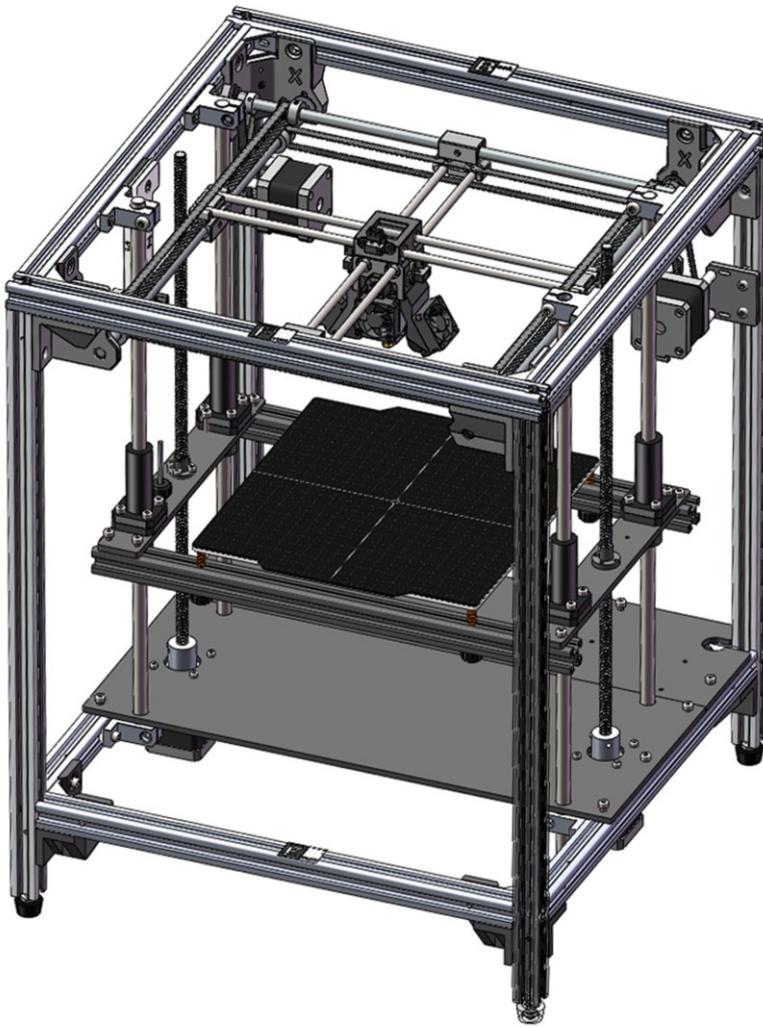
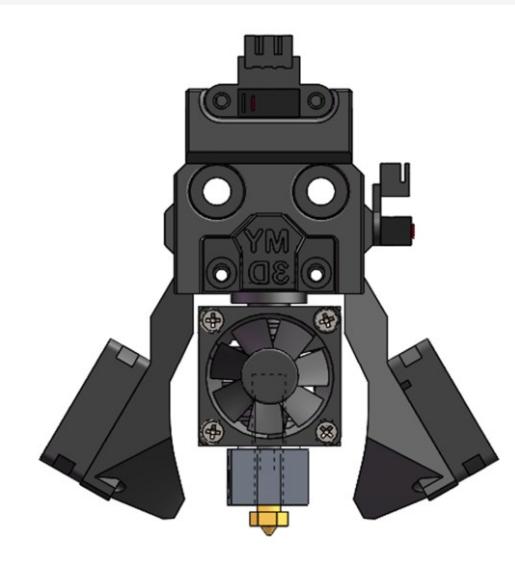
2



- 1/ Rotate the screw manually to make the left and right screw rods extend the same length.
- 2/ Screw the shaft coupling counterclockwise to tighten the machine meter. Insert the screw rod into the shaft connector.
- 3/ Tighten the shaft coupling clockwise to fix the machine meter.

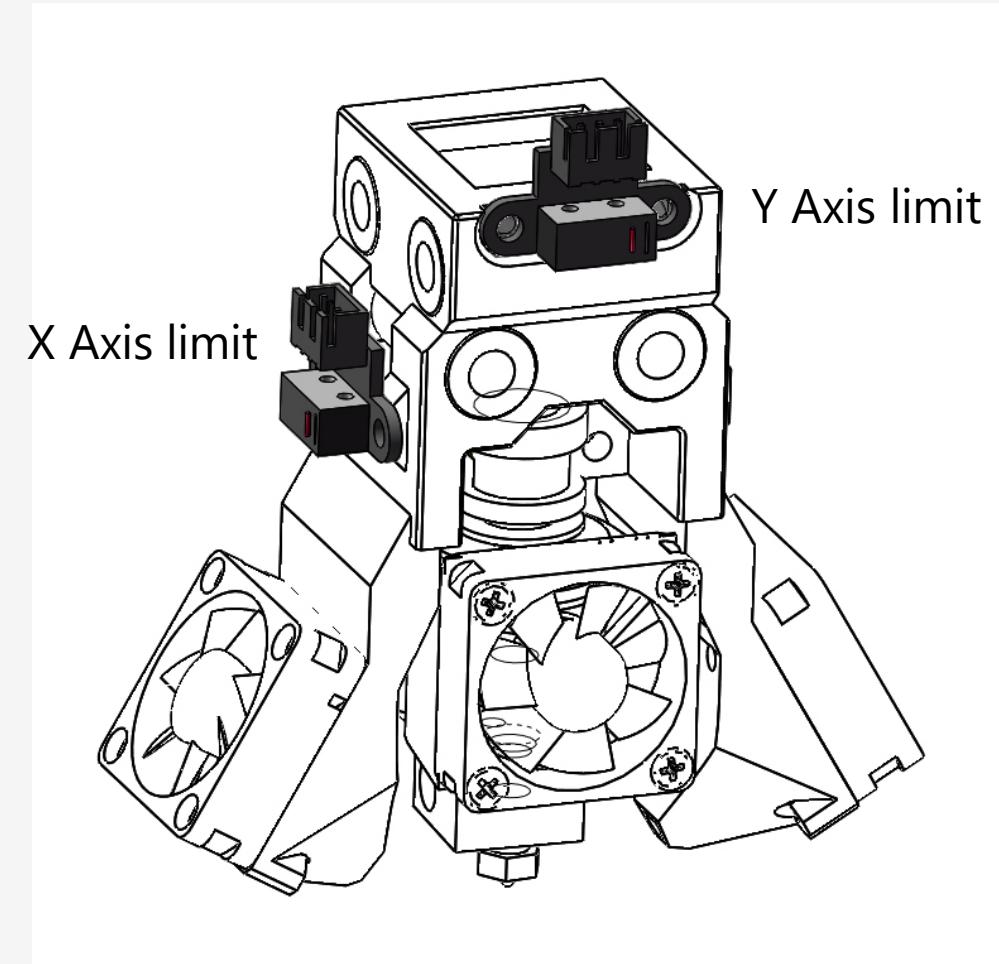
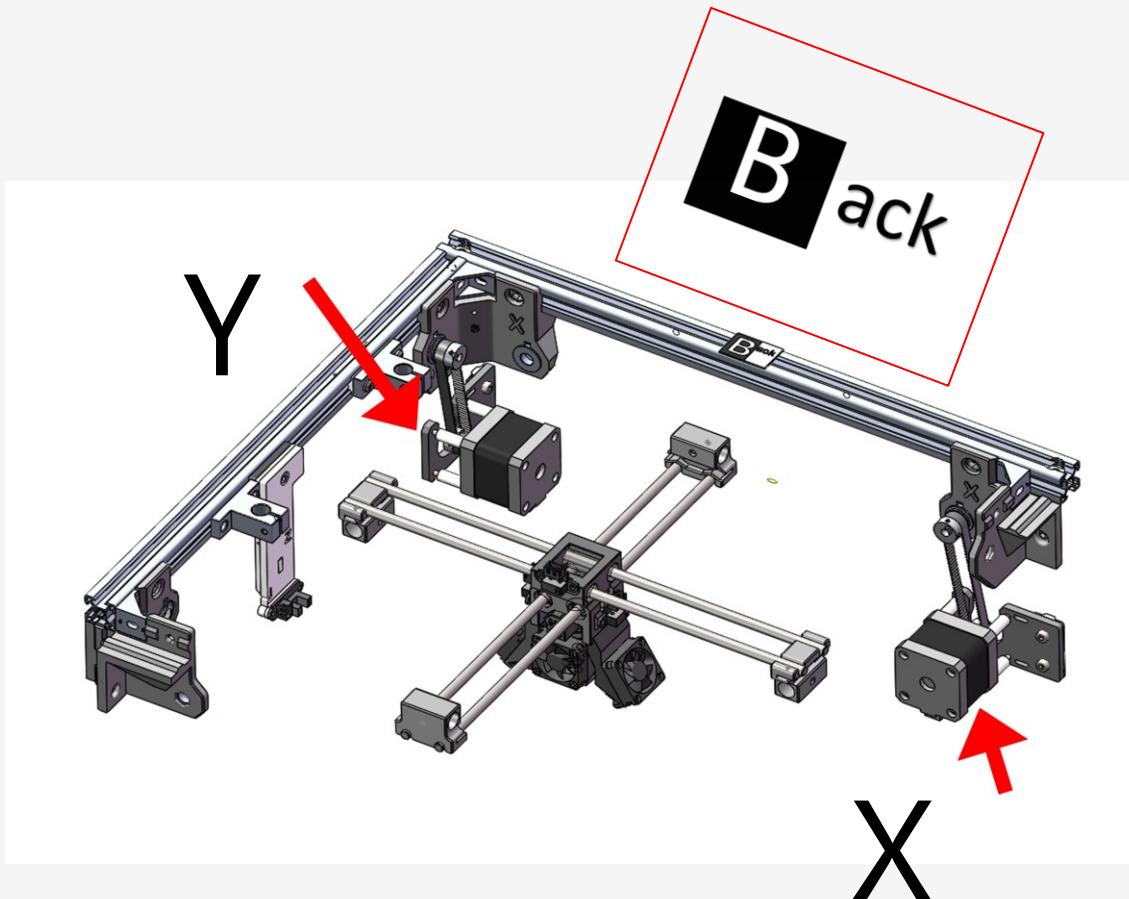
3

Step 3



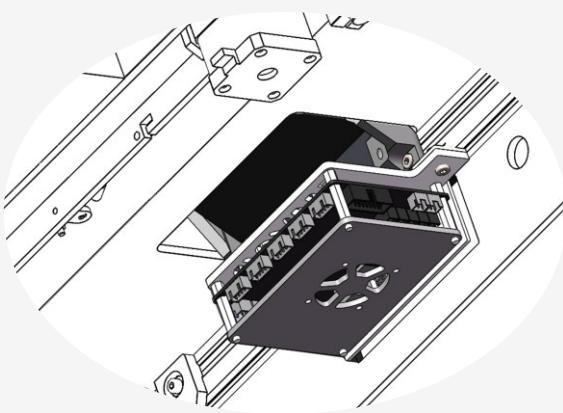
3

Step 3



3

Step 3



Q&A

Use for the first time

Need to manually adjust the height of the hot bed,
20mm away from the bottom plate

Because after leveling and the home button,
in order to protect the nozzle,
the Z axis will run in the opposite direction 10MM first



UP 20MM



NANO V2
3.5 inch TOUCH

Q&A FOR Firmware Refresh TF card Upgrade

- There are 2 firmware files: **lite_cfg** **mkslite.bin**

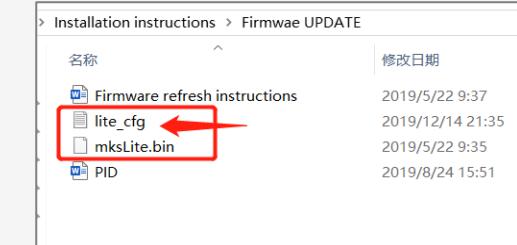
The **lite_cfg** file is in text format, can be modified, and some settings of the 3D printer can be changed, such as stepping motor step value, XYZ movement direction, PID temperature control setting, WIFI, etc.

Upgrade method:

- Copy the two modified files into the TF card
- Insert TF card into the 3D printer.
- Turn on the power of the 3D printer and it will automatically upgrade.

Remarks:

- File name cannot be modified when saving
- Needs to be save with TF card in the first-level directory.
- TF card files can only be updated once.
- After the update, the files in the TF card are automatically invalid (can be deleted).
- Need to update again. Copy the 2 files **lite_cfg** **mkslite.bin** to the TF card again, and do it again.



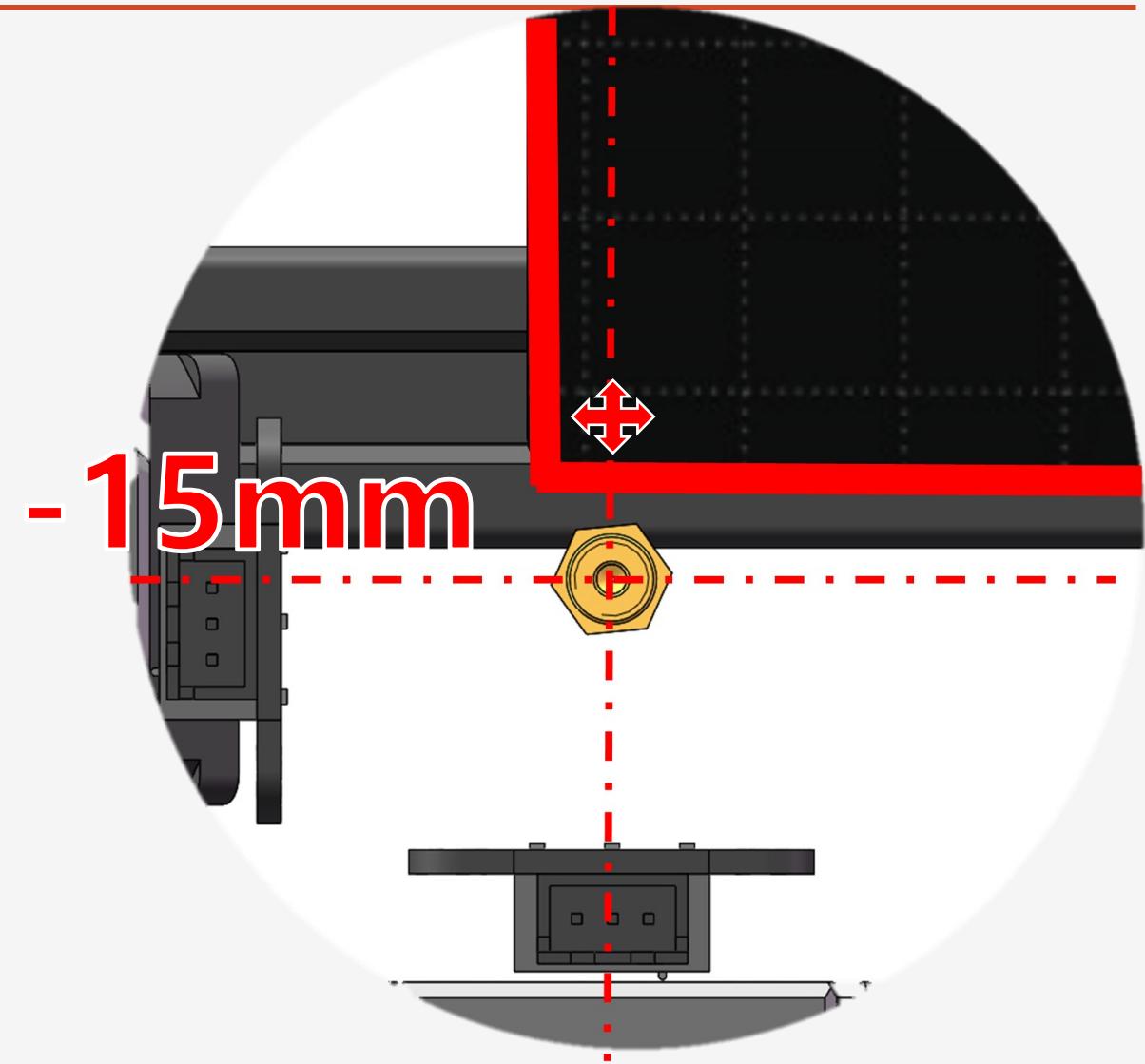
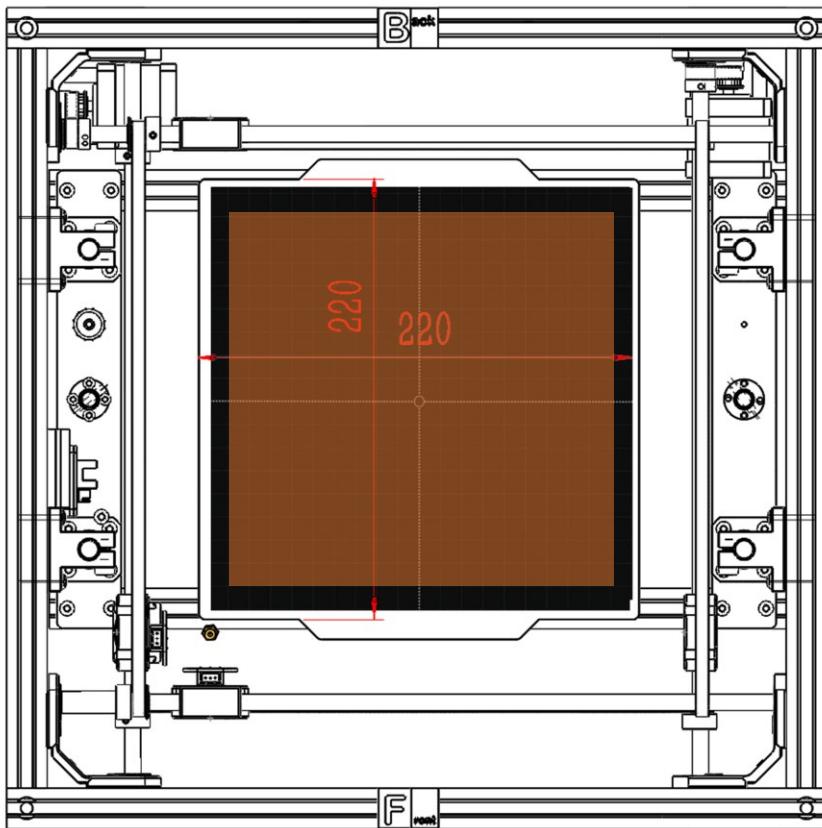
Download the latest firmware :

<https://github.com/my3dlt/F1-B-V2-NANO>

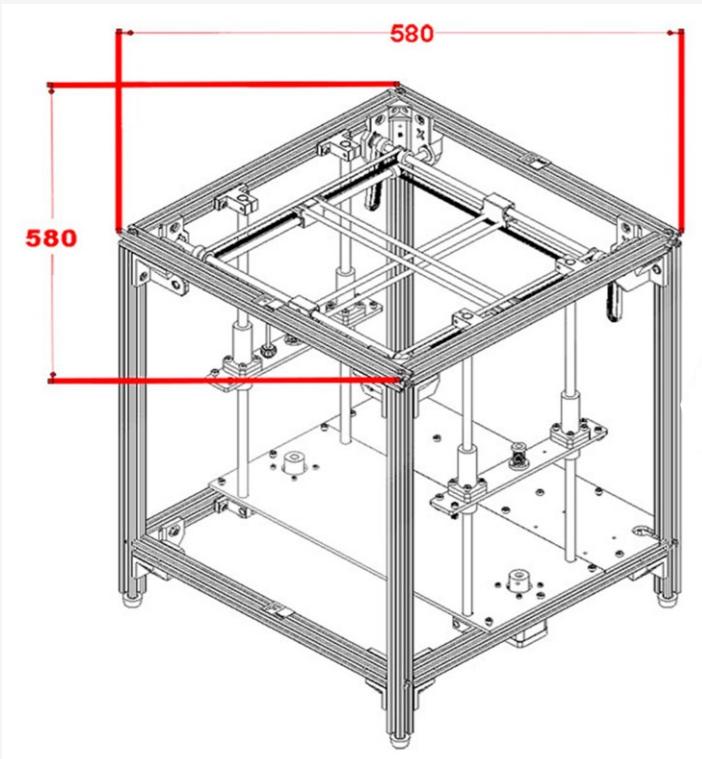
Q&A

Actual position of nozzle

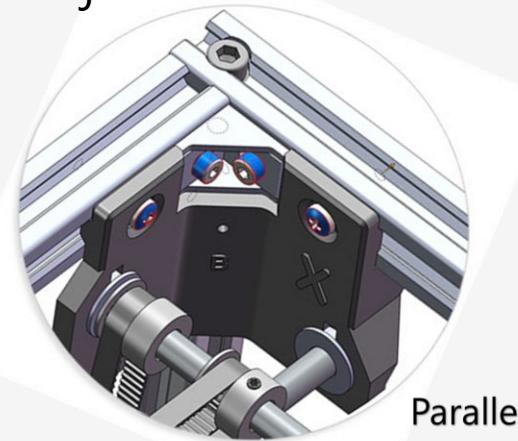
Magnet hot bed size: 220*220mm
Actual printable size: **210*210mm**



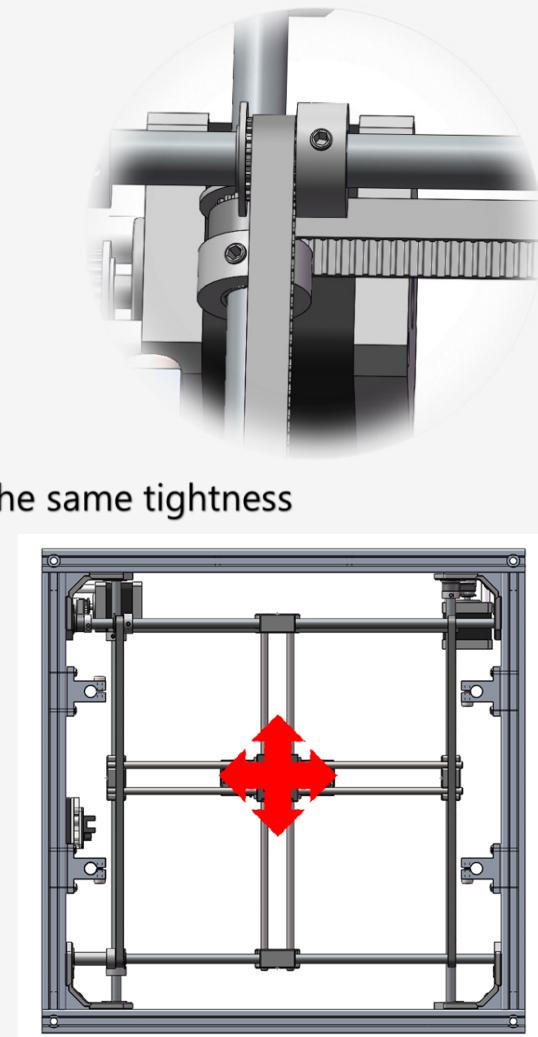
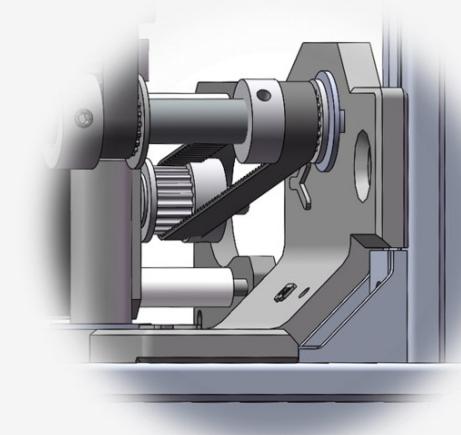
Q&A



Measure diagonal distance: keep equal
Adjust the four-corner screws,

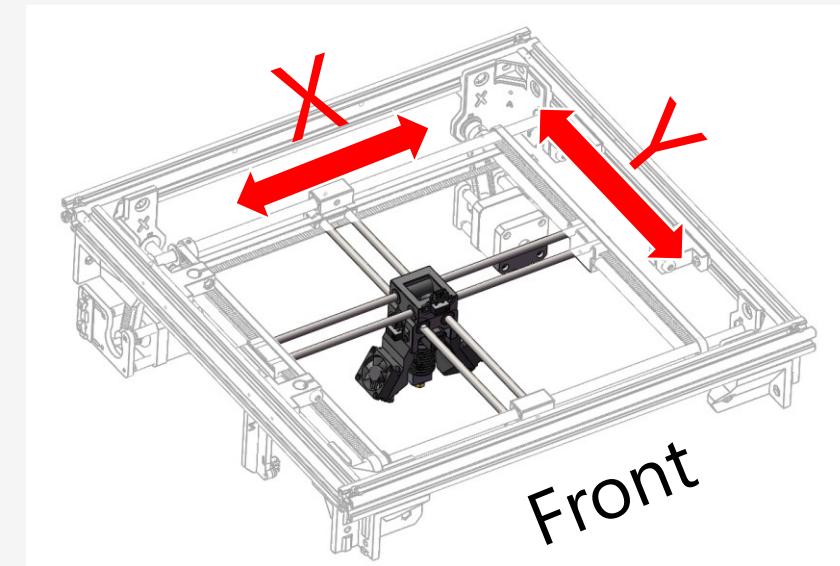
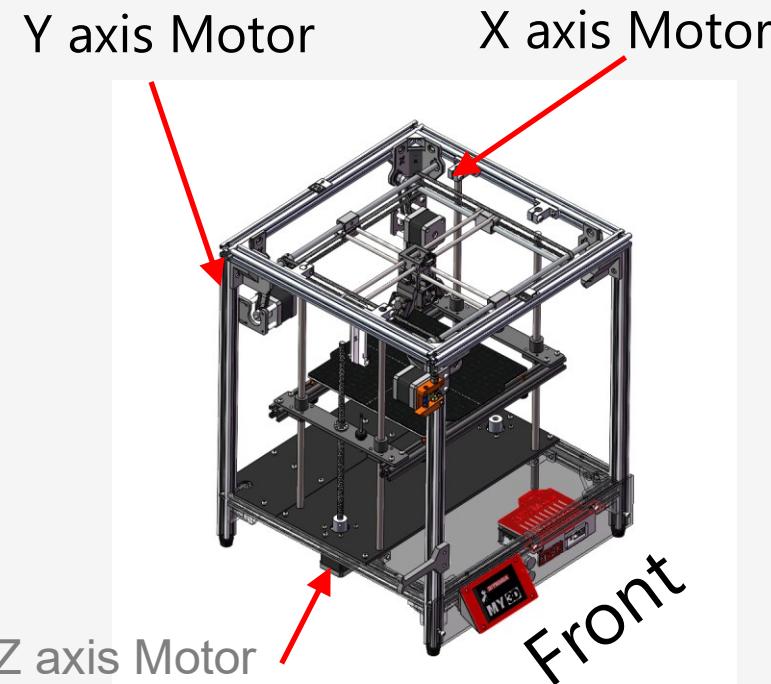


Parallel belts on both sides have the same tightness



Q&A

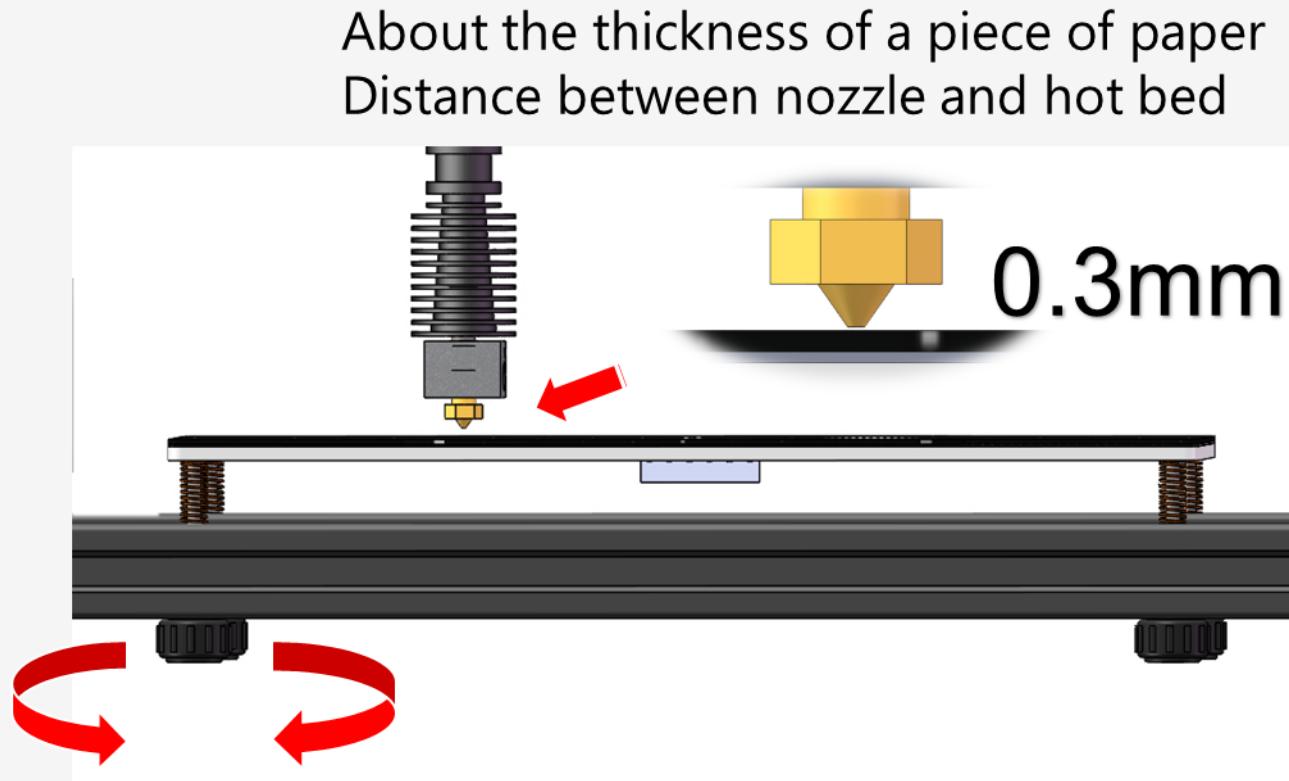
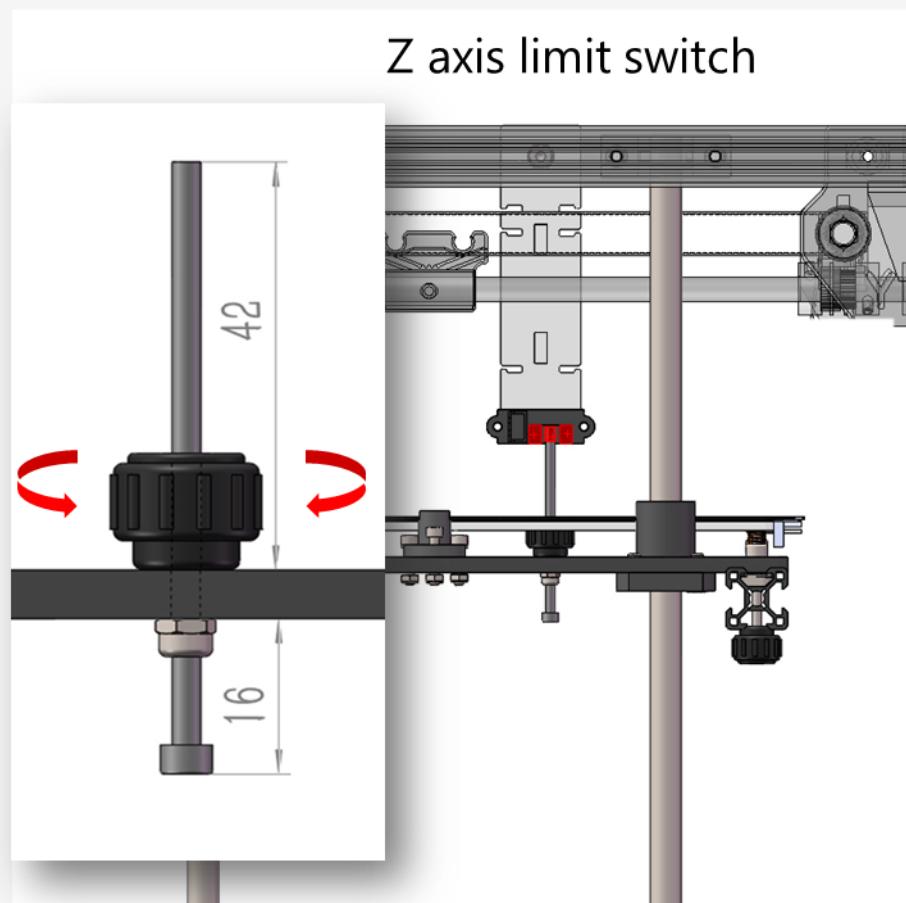
Modify 0 or 1 to change the direction of movement



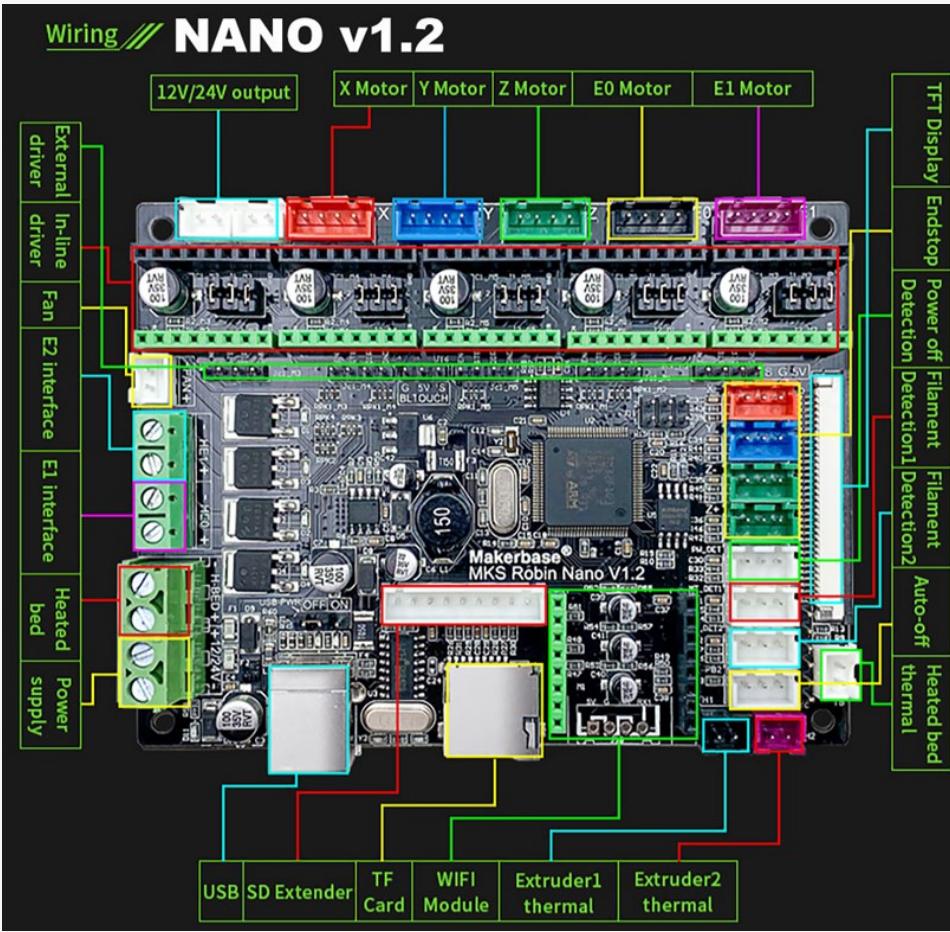
note:

For Z axis, when the home button is pressed, the direction of movement is reverse 20mm, and then the normal direction.

Q&A



Q&A



Test and adjust the drive current.

Note: It must be done with the power off before adjusting the knob.
After the adjustment is completed, perform the power-on measurement to prevent the drive from burning out.