EVNOVO 3D Printer SW-X1
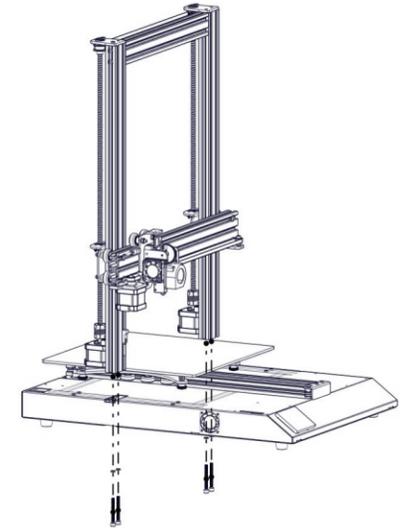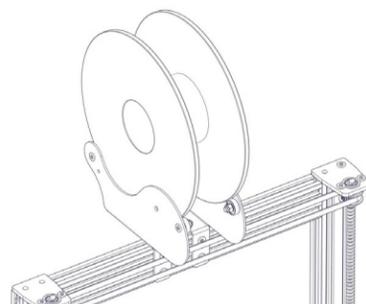
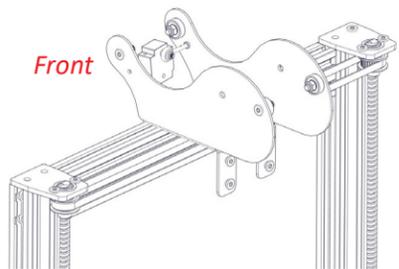## Installation Manual

M4x45 (5pcs)
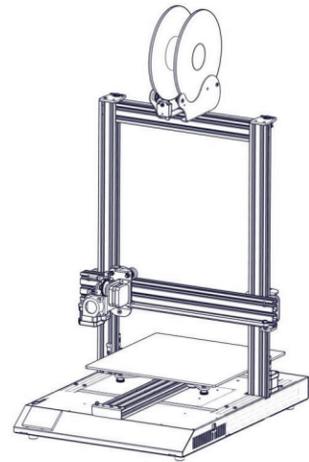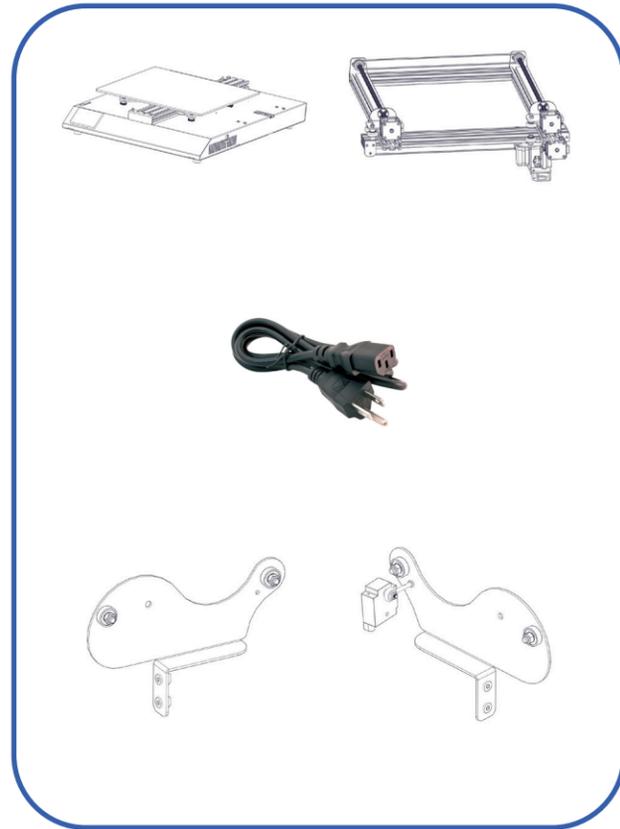
Step 1

Fix the XZ gantry to the base with 4pcs of M4x45 screws as shown in picture。
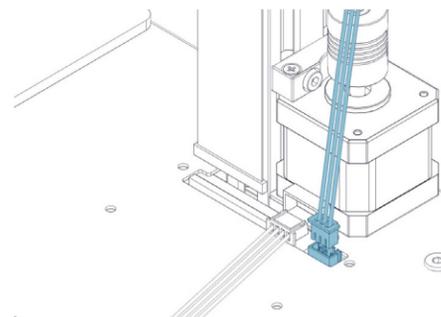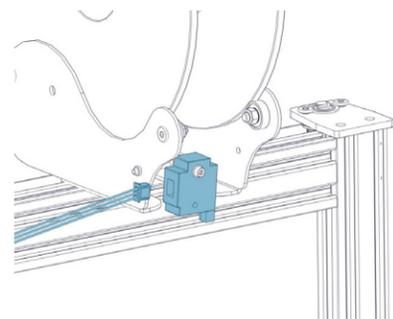
M4x45 (4pcs)

Step 2

Fix the spool holder to the top of the printer, adjust the width to fit the size of your filament spool. *Make sure the filament sensor is facing forward.*
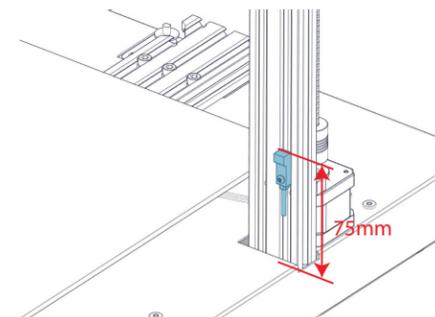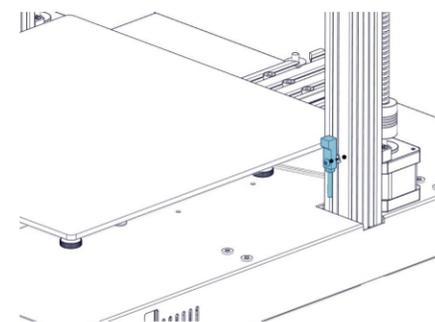
Front

Step 3

Connect the filament runout sensor as shown in pictures below:

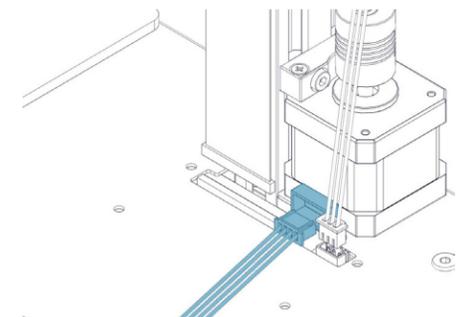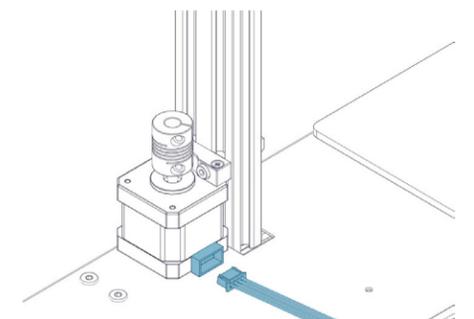### Step 4

Fix the Z Endstop to the frame as shown in pictures below. *The distance between the sensor top and base top should be approx 75mm.*
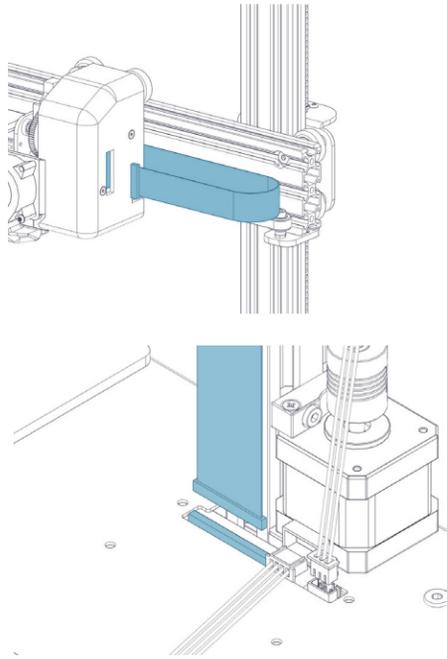
75mm

Step 5

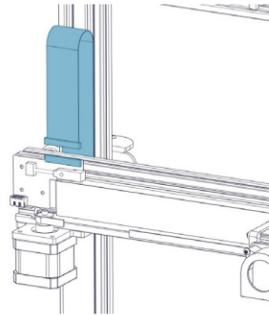Connect the Z Stepper Motors as shown in picture belows:

Step 6

Connect the X carriage and filament runout sensor as shown in picture to the base. *The flexible flat cable (FFC) is wrapped around the X axis extrusion.*
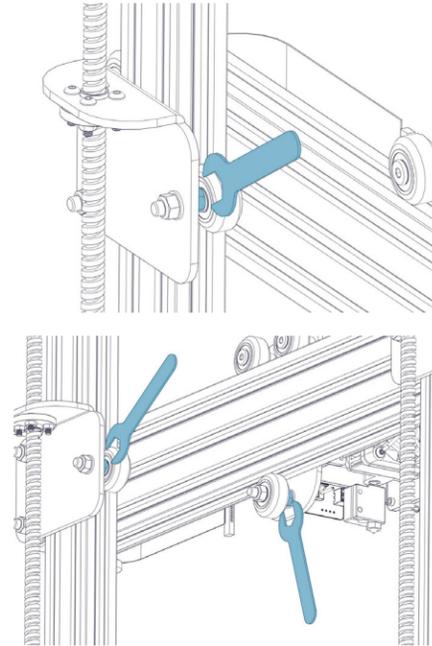
## Step 7

Connect the FFC to the board on X gantry.

Step 8

Adjust the tension of all the wheels on the machine. Try to turn the wheels without forcing them. If the wheel turns freely or without much effort, then it is too loose. To tighten the wheels, rotate the eccentric nuts slightly until the wheel is snug against the frame.

Step 8

For wheels under build plate, please adjust the middle wheel first, then move on to the others.
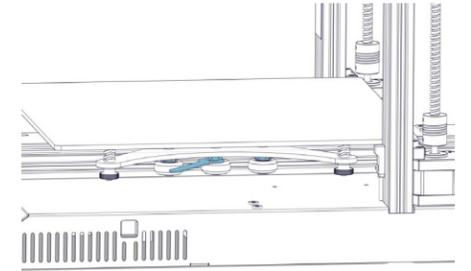
Step 9

Now you can connect power and turn on the machine. On the touch screen, go to Tools -> Heat to pre-heat the nozzle and bed. Wait till both heated up and stead, go to Tools -> Level:

Step 9

Move the nozzle to all four corners, adjust the hiehgt by turning the knob below the bed. Slide a A4 paper between the nozzle and the bed, adjust the height so that the piece of paper slides, with just a bit of drag, in all locations of the bed.
You may need to do the same process twice becasue adjustment in one corner will affect others.
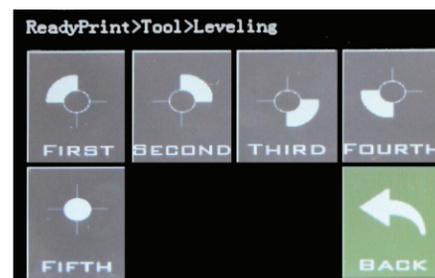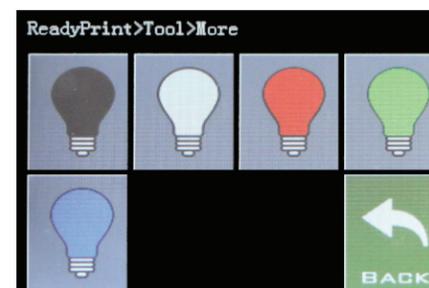
Tips

During printing, the LED near the nozzle shows the current printing status:

- gradually change from blue to violet as the heated bed gets to target temp.
- gradually change from violet to red as the hotend gets to temperature.
- change to white to illuminate work surface.
- change to green once print has finished.
- turn off after the print has finished.

Also, you can change the LED color or turn it off through the TFT touch screen.

For support, please email to support@evnovo.com

or you can visit our Facebook group at https://www.facebook.com/evnovo

EVNOVO 3D Technology Co., Ltd.
Last update date: 19 February, 2019
This manual is updated to the date of printing.
Please refer to the electronic version if in doubt.