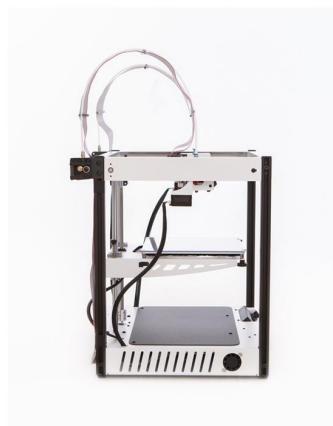
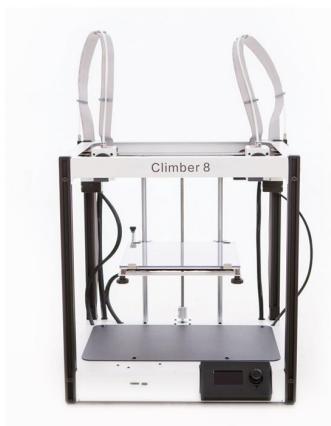
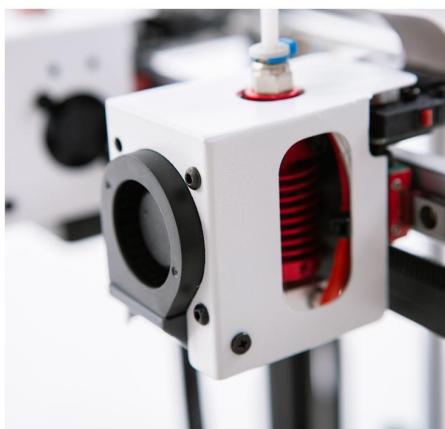
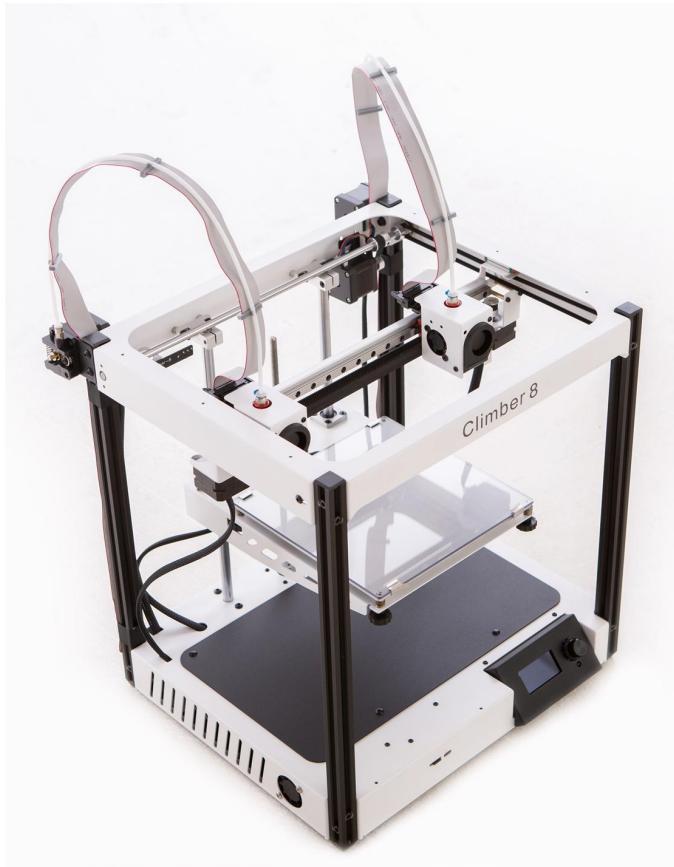


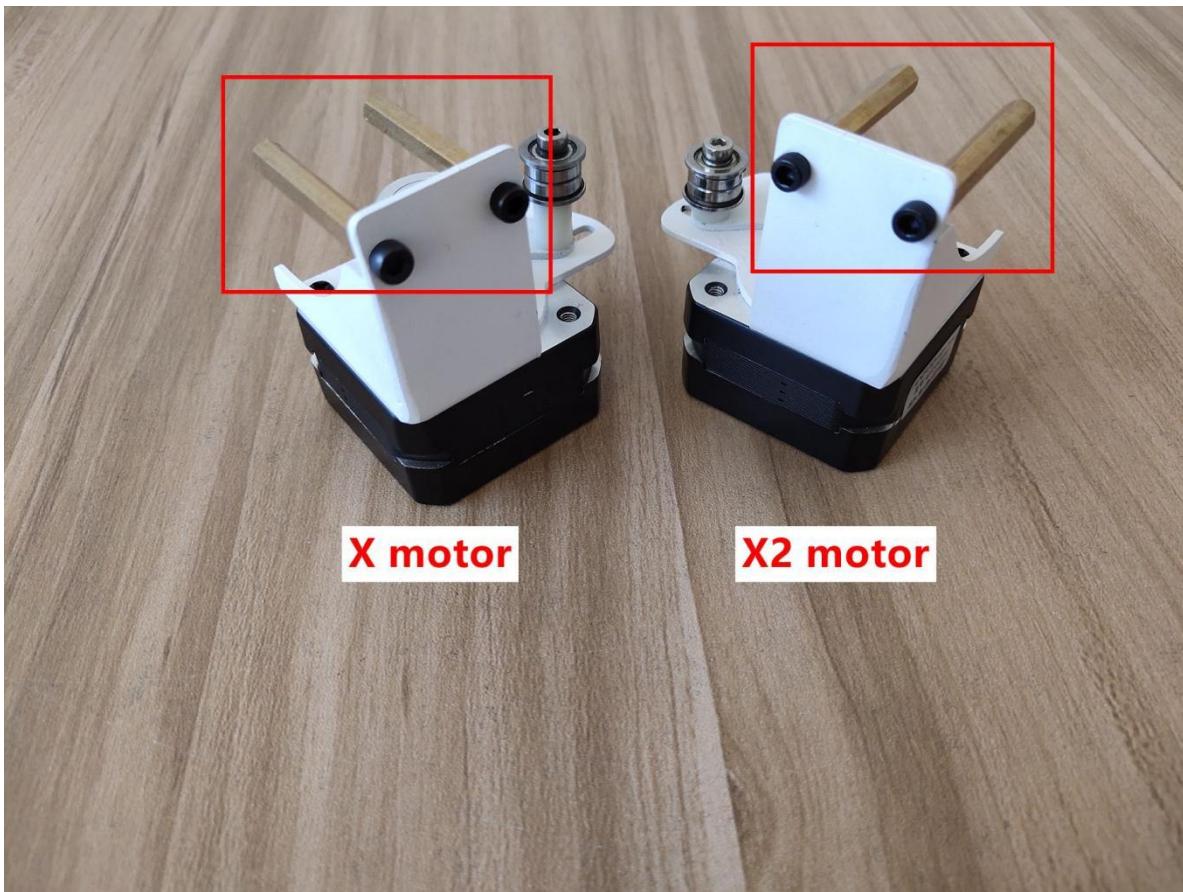
# Climber-8 assembly manual



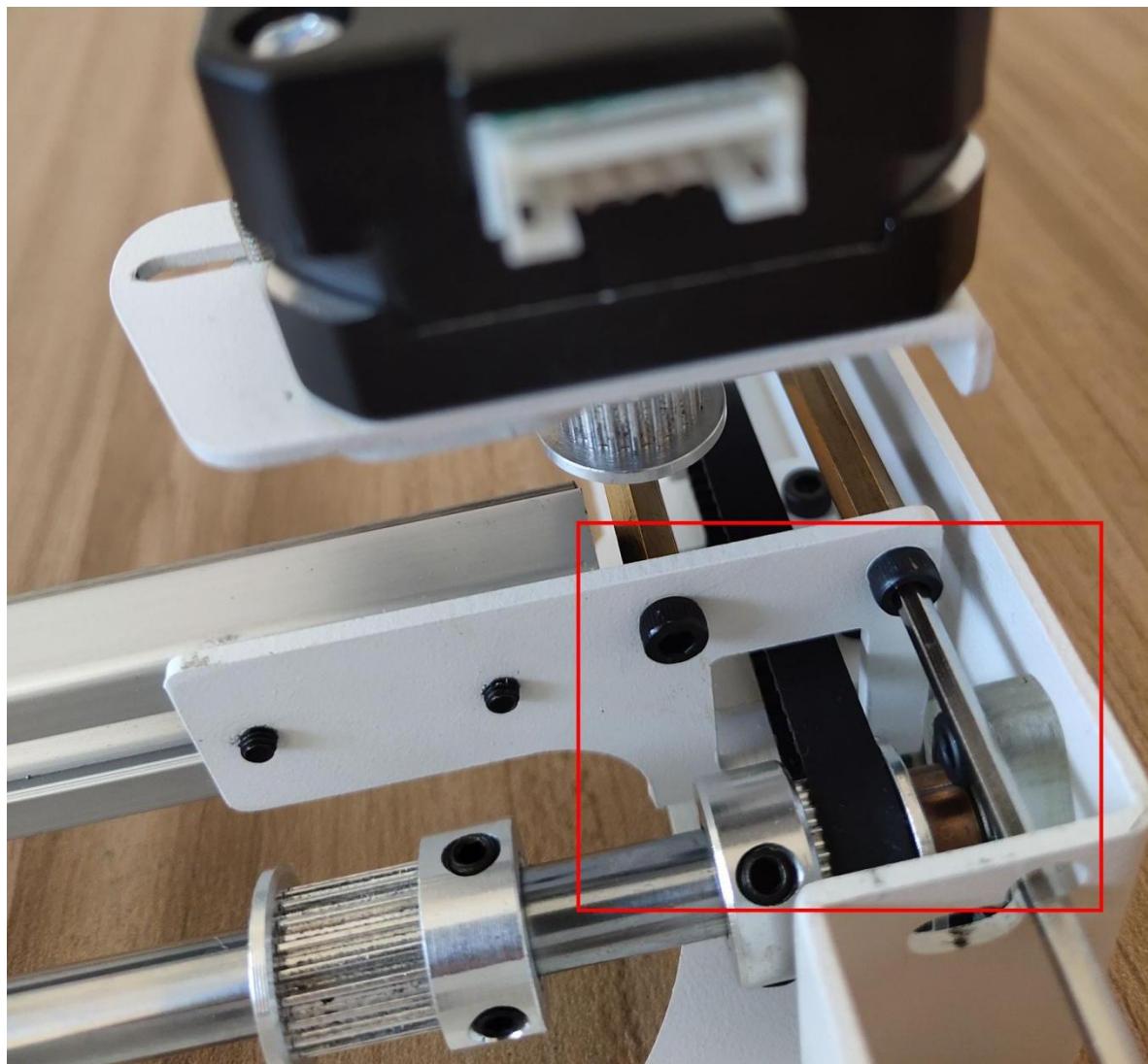
## 1.1: Prepare materials.



## 1.2: Fix the hexagonal copper pillars and screws to the sheet metal parts.



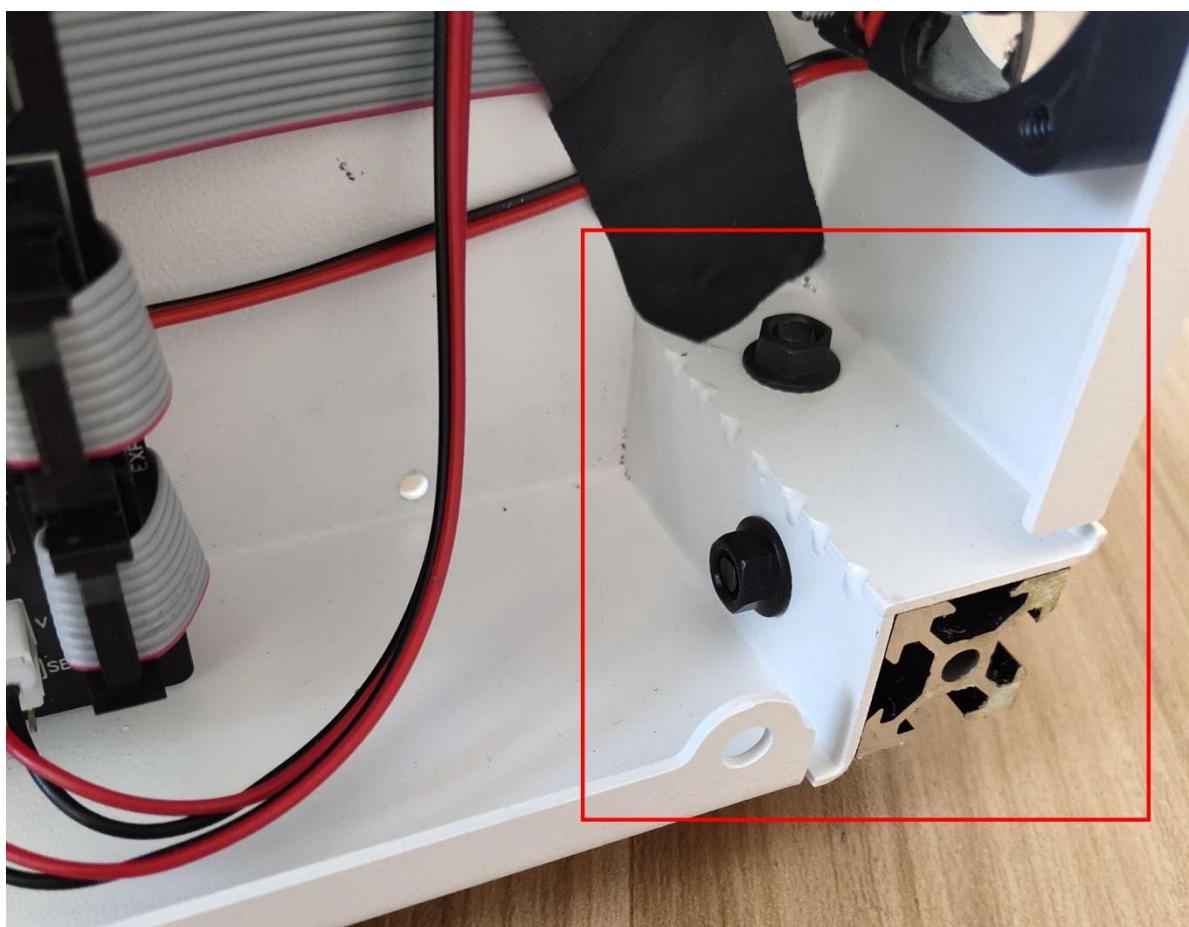
### 1.3: Install X motor and X2 motor.

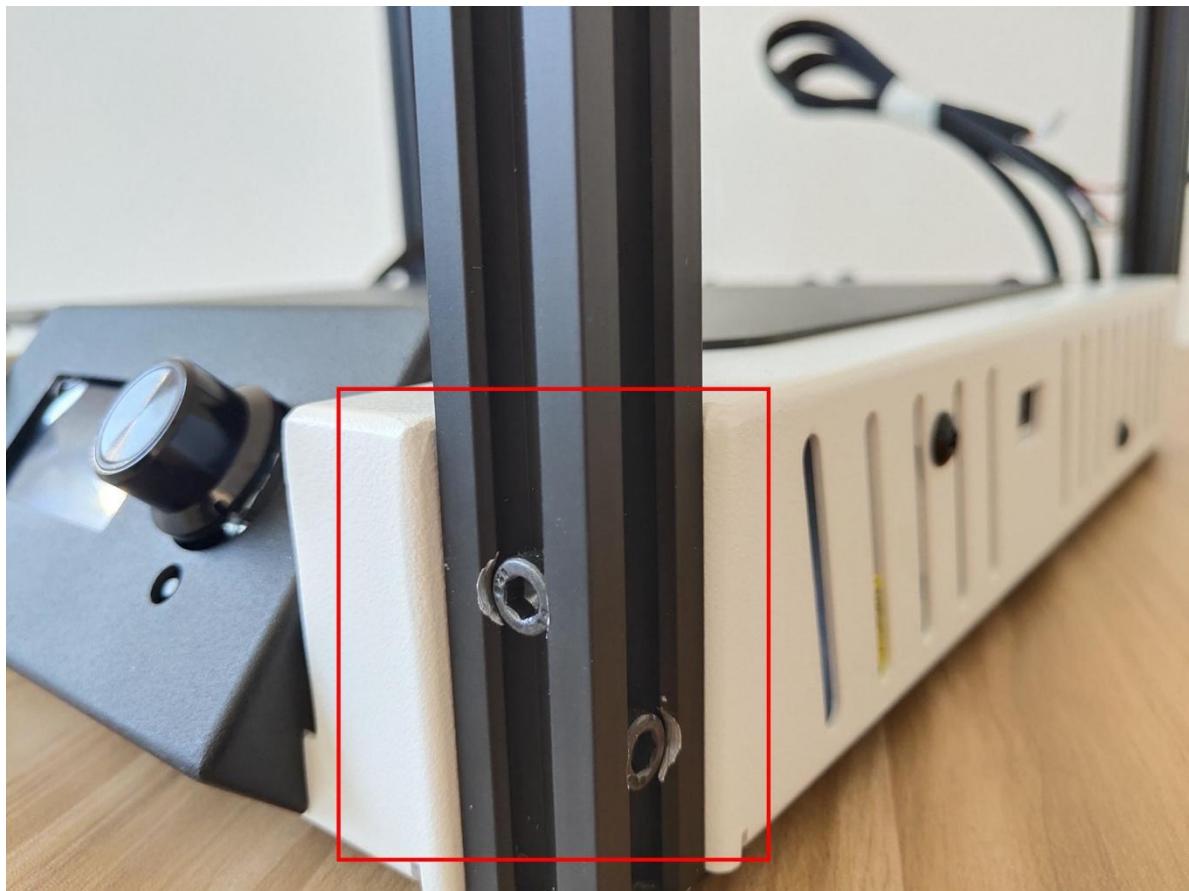


## 2.1: Prepare materials.



## 2.2: Fixed aluminum profile.





## 2.3: Install the top.



Do not leave gaps when installing the top sheet metal parts.



## 2.4: Prepare materials.



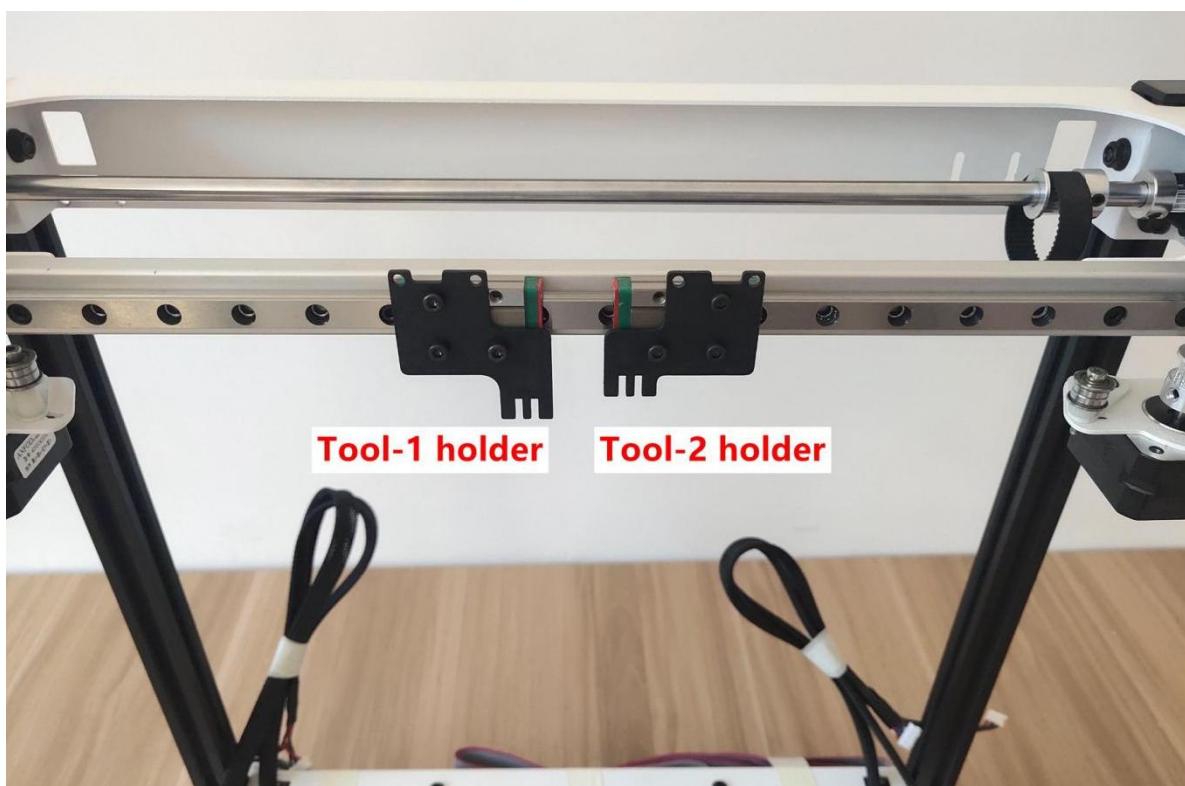
## 2.5: Install the end caps and rubber feet to the top and bottom of the aluminum profile.



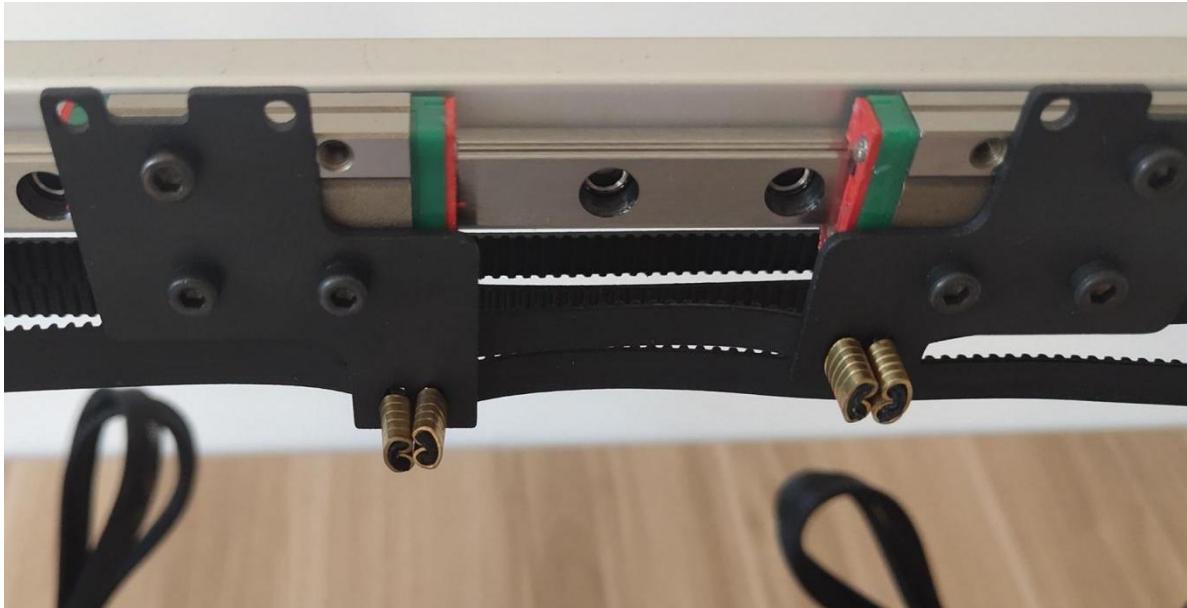
### 3.1: Prepare materials.



### 3.2: Install Tool-1 holder and Tool-2 holder on the X-axis slider. (Please pay attention to their direction when installing)



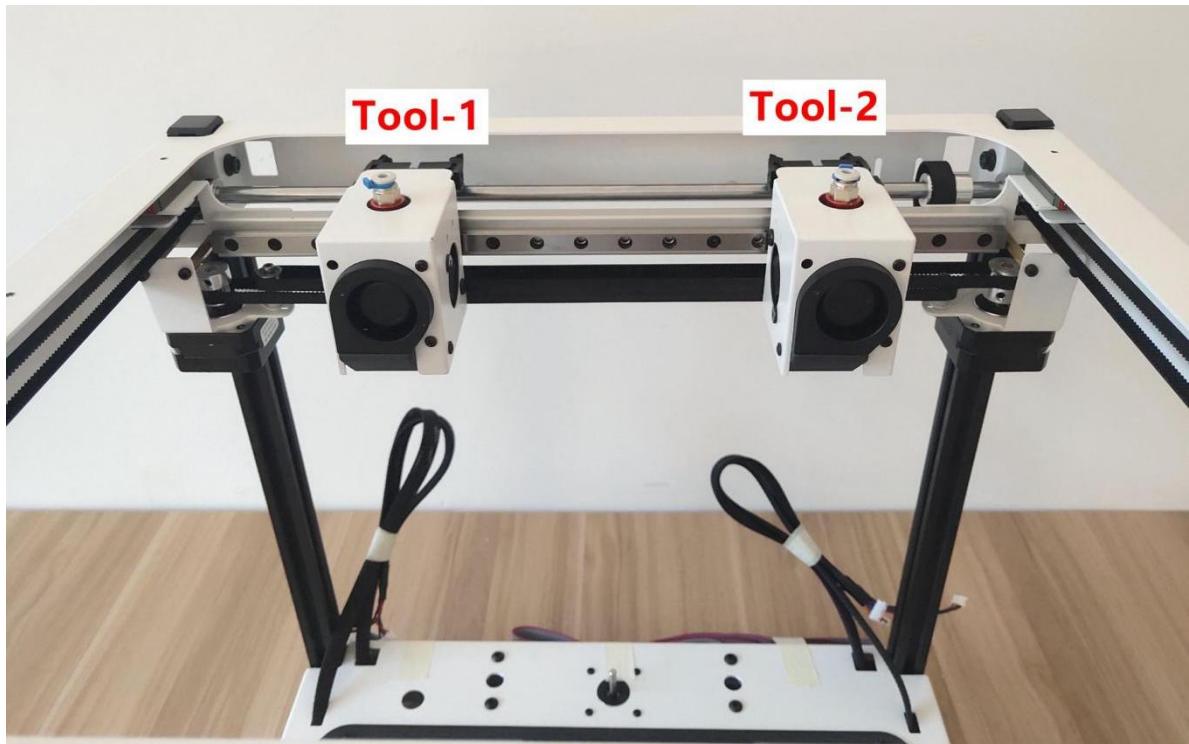
### 3.3: Install 2 synchronous belts.



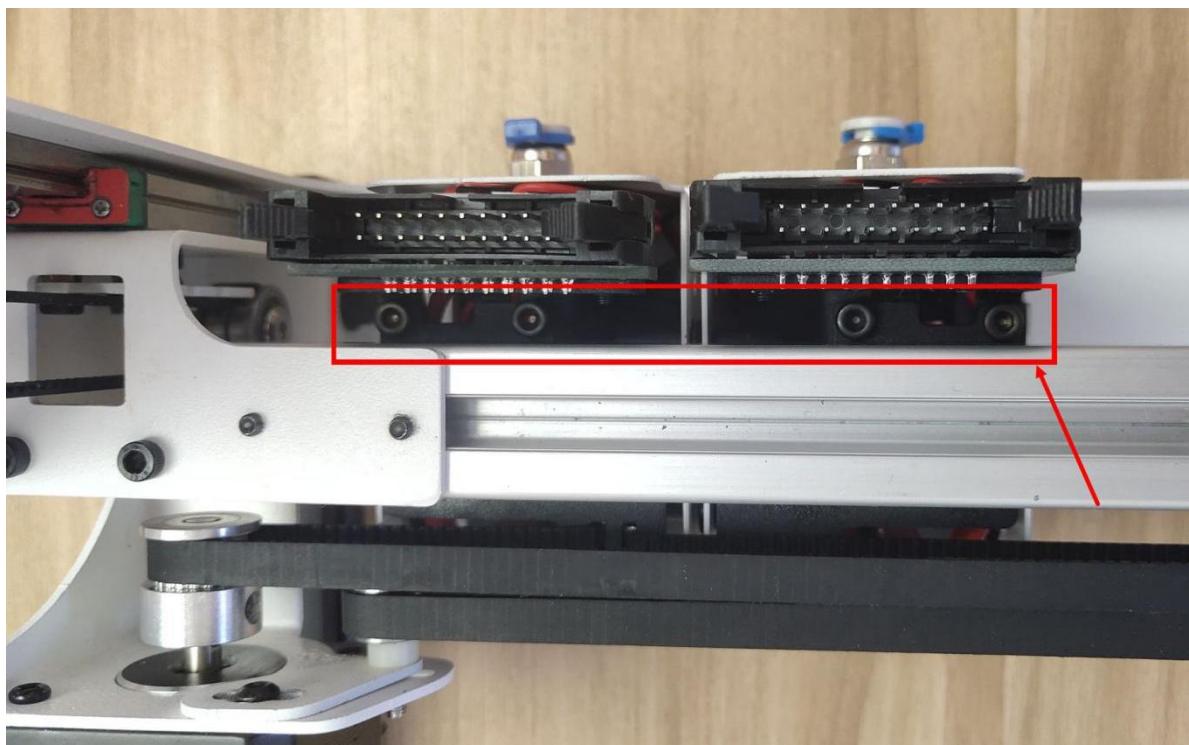
Loosen the screw fixing the idler pulley, and tighten the timing belt and then tighten the screw.



### 3.4: Install Tool-1 and Tool-2.



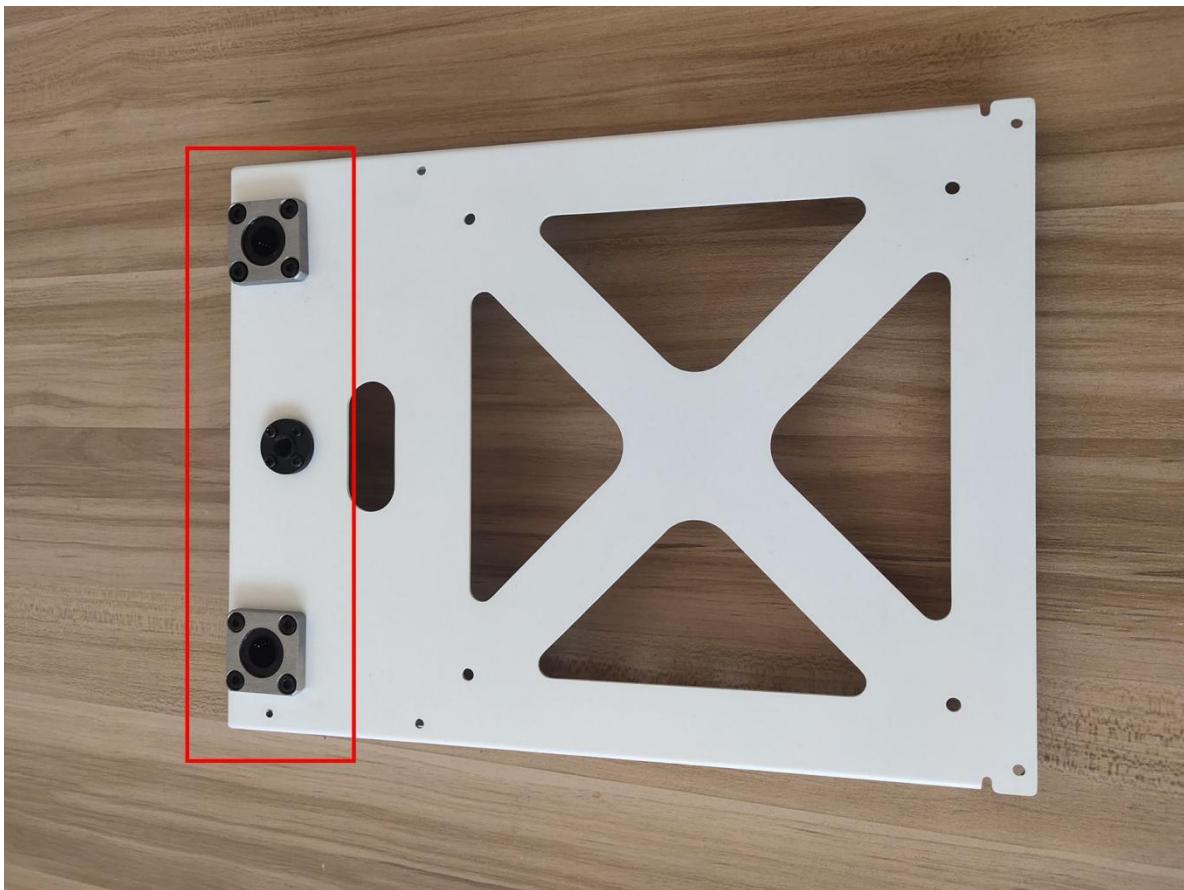
Screw in the screws from the back.



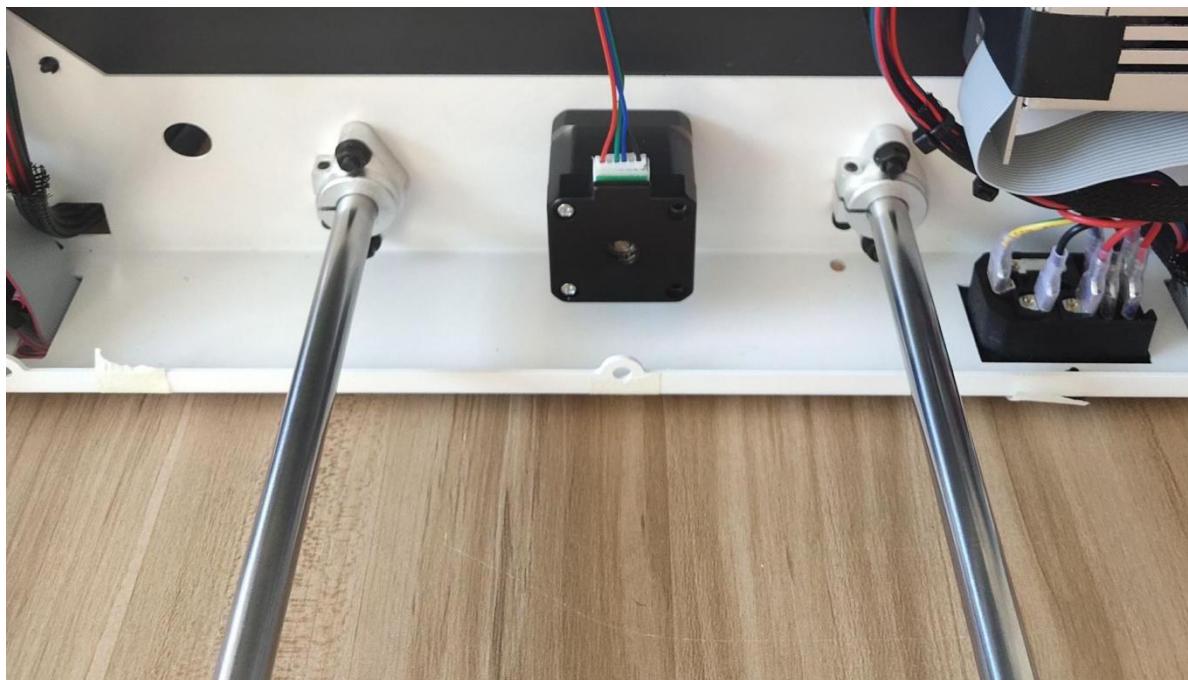
#### 4.1: Prepare materials.



#### 4.2: Fix the 2 bearings to the sheet metal part.



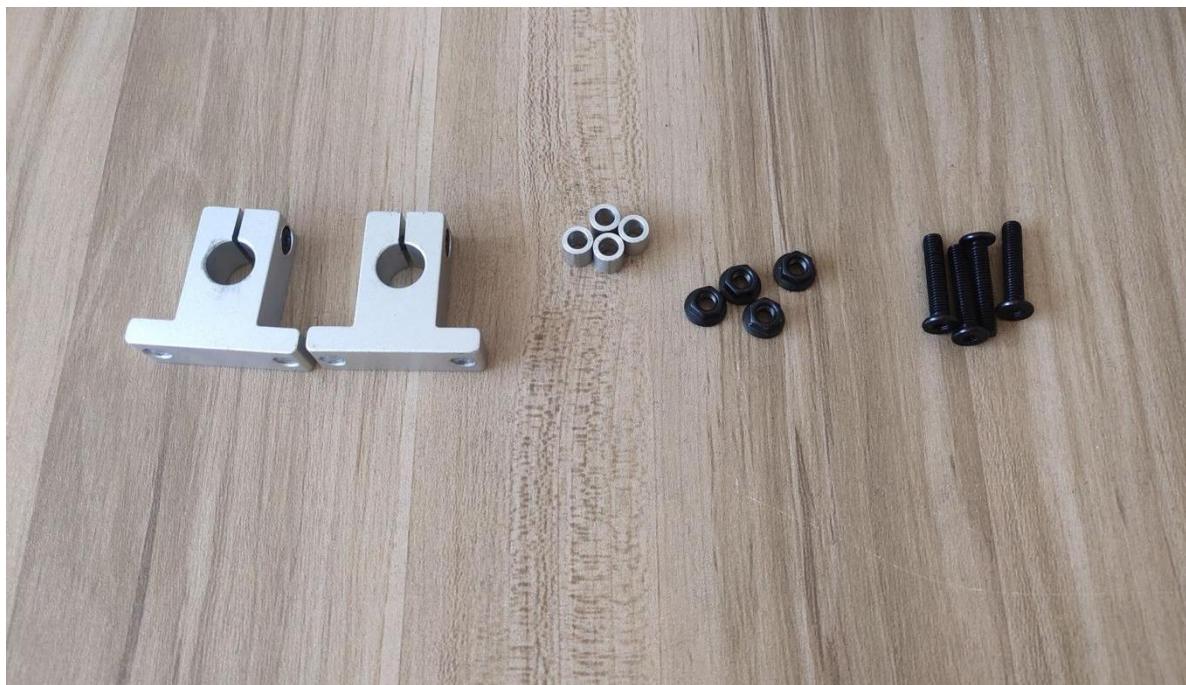
**5.1:** Insert two 12mm shafts from the bottom.



**5.2:** Install the assembled Z-platform on the 12mm shaft.



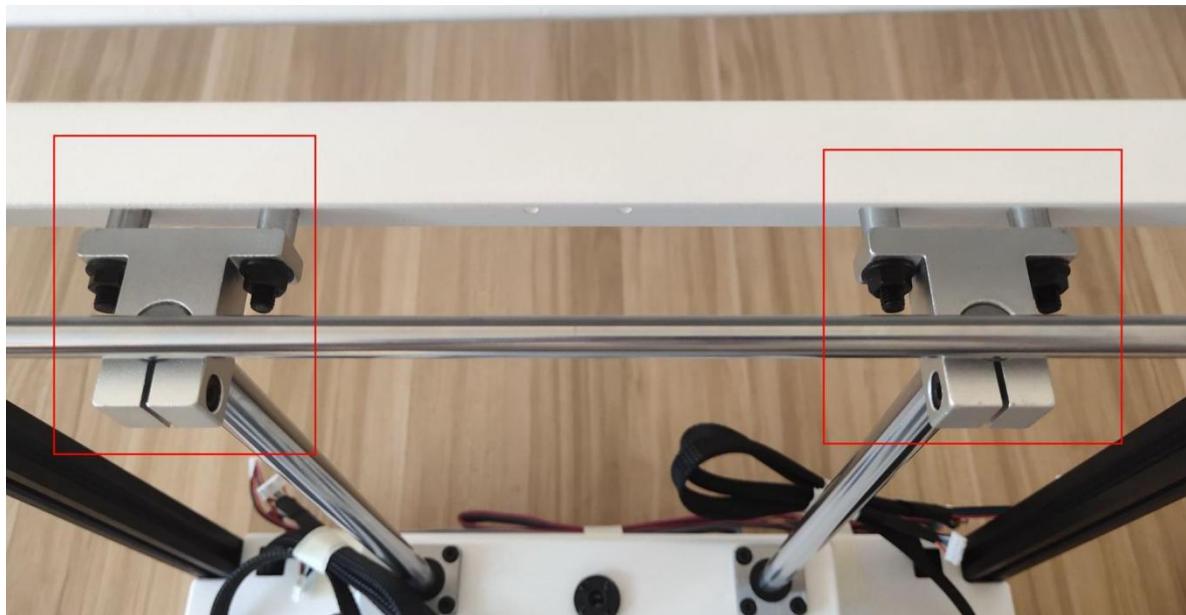
### 5.3: Prepare materials.



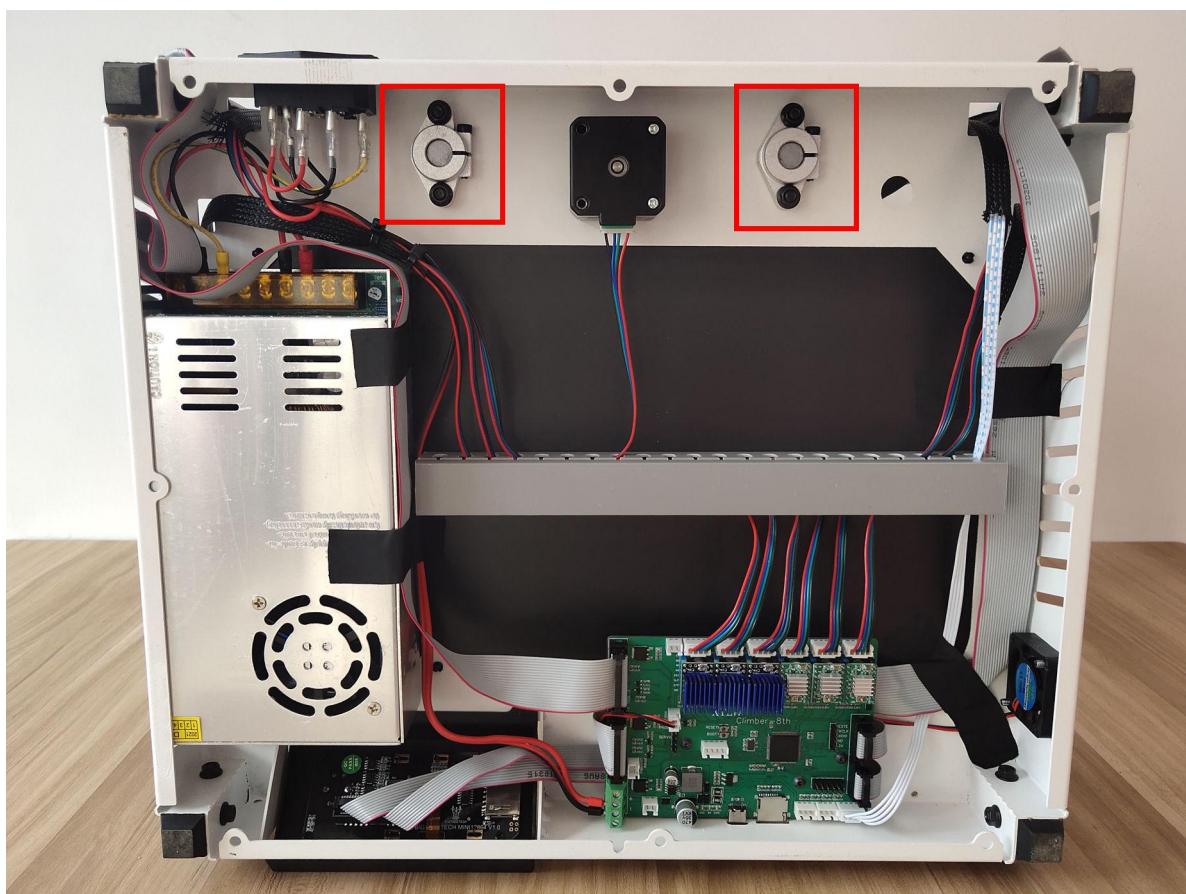
### 5.4: Fix the 2 shaft holders to the top of the 12mm shaft.



**5.5:** After adjusting the position, fix the two shaft seats to the top sheet metal part. (Aluminum alloy isolation column is placed between the shaft seat and the sheet metal parts)



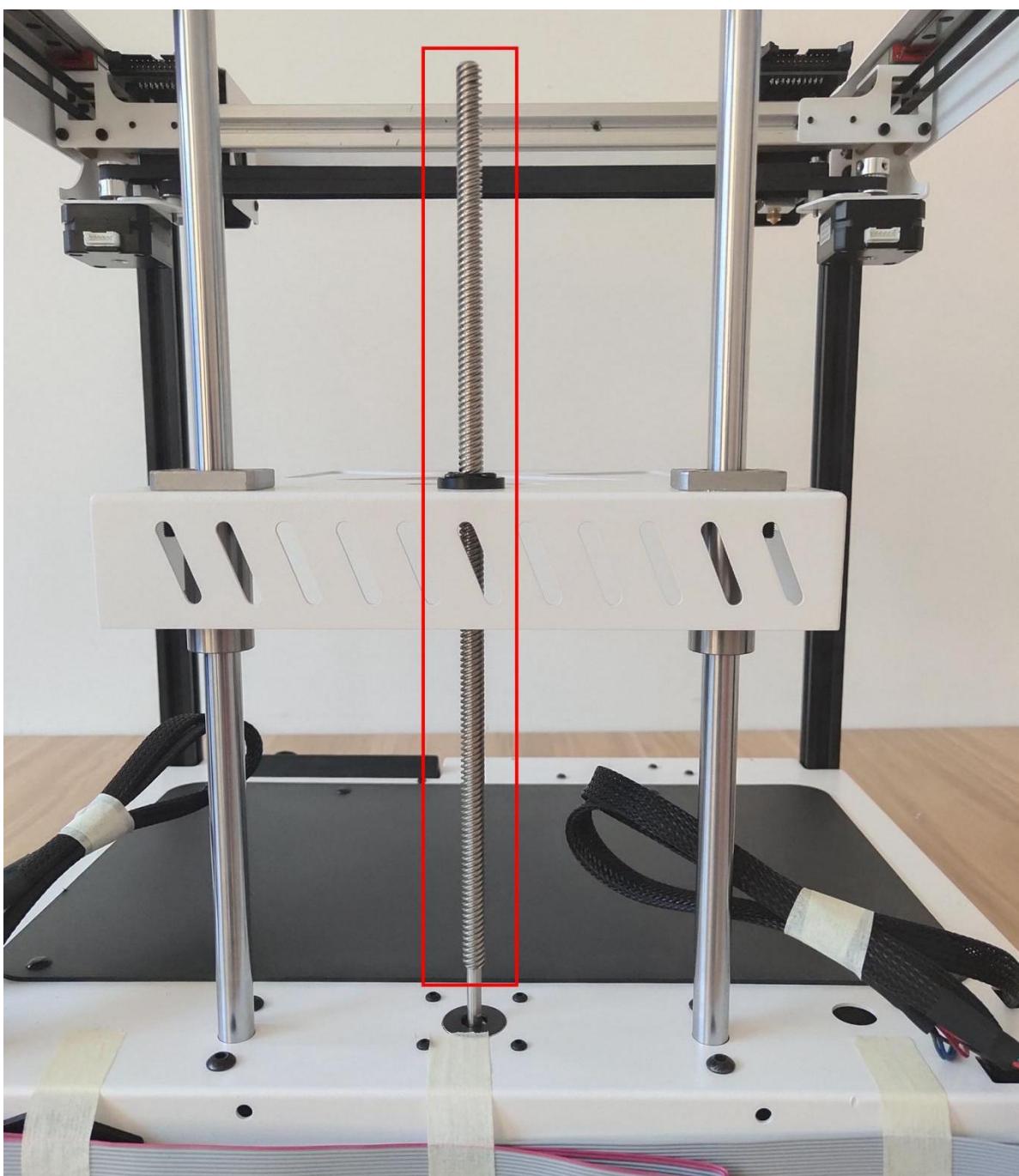
**5.6:** Tighten the 2 shaft seats at the bottom.



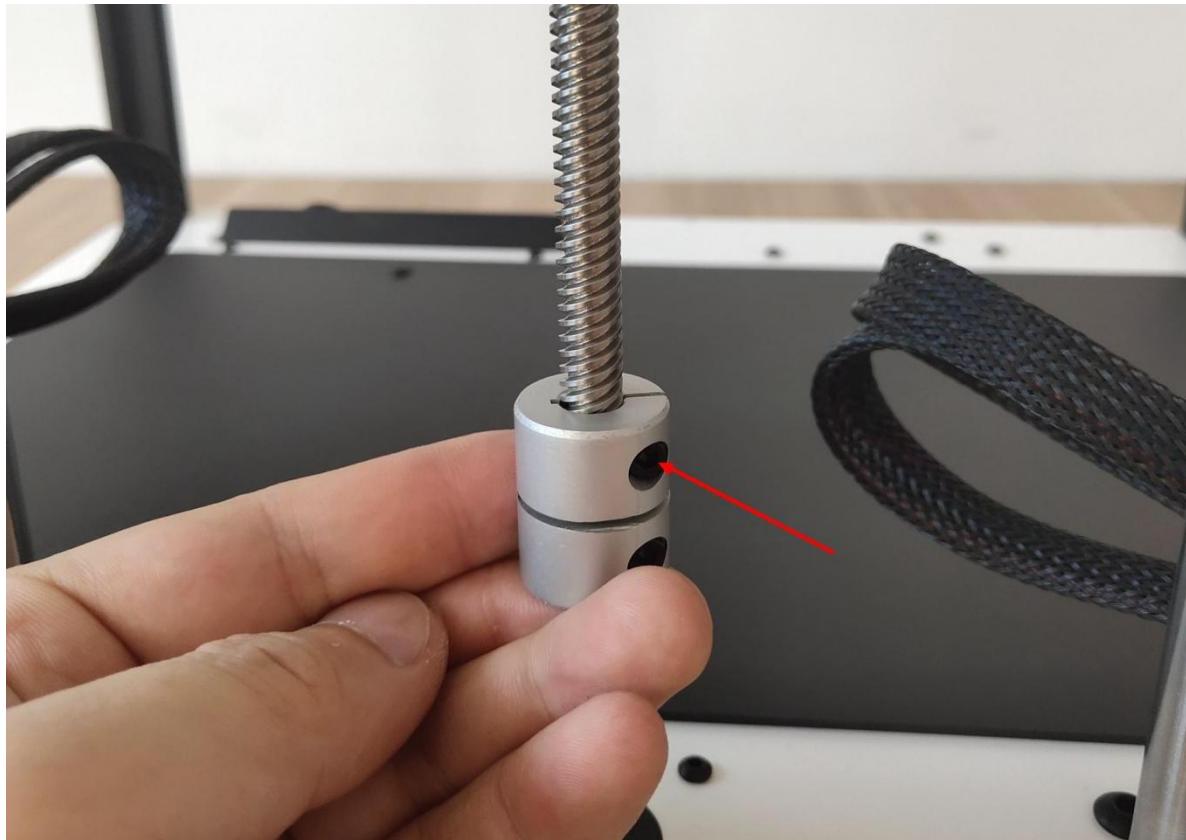
## 6.1: Prepare materials.



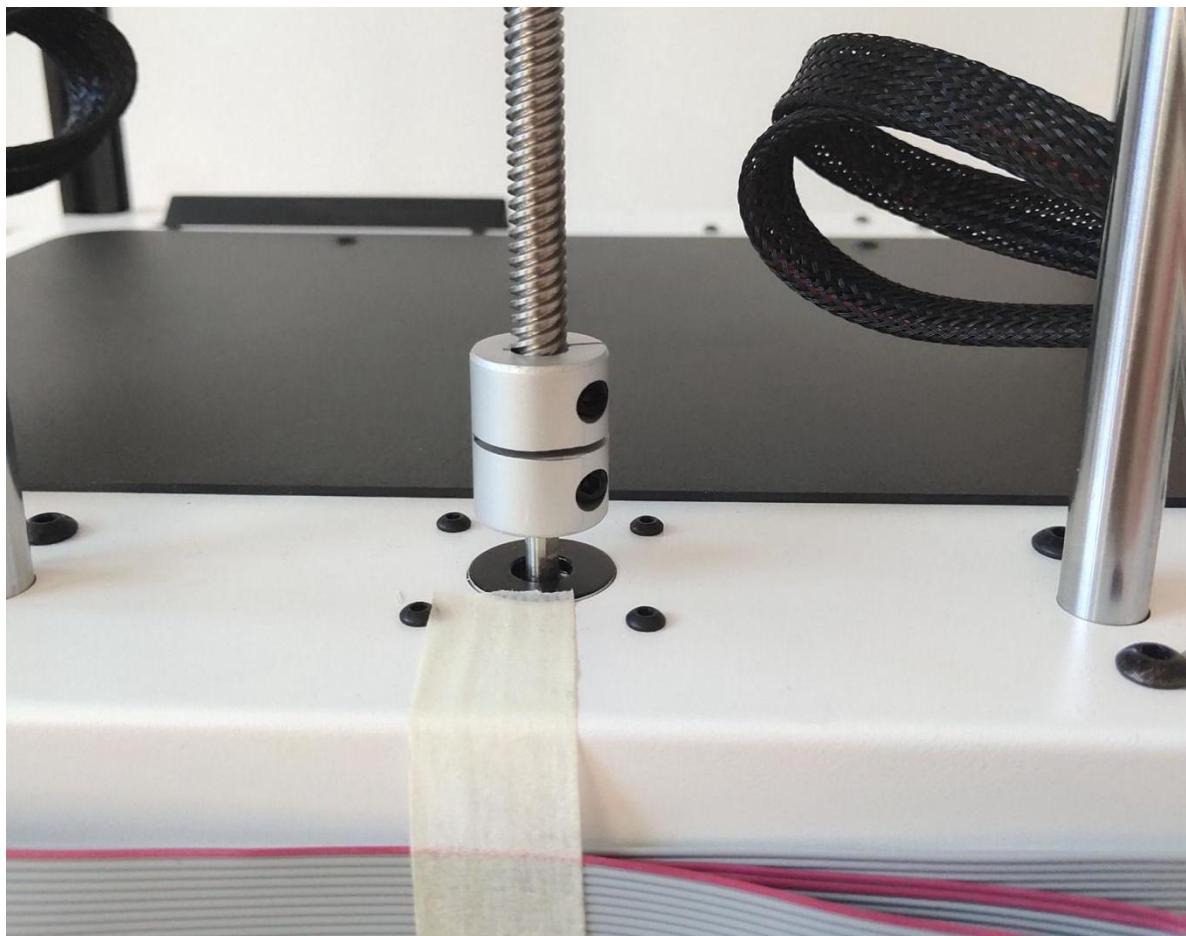
## 6.2: Screw the T8 screw into the T8 nut from the top.



**6.3:** Fix the coupling to the T8 lead screw.



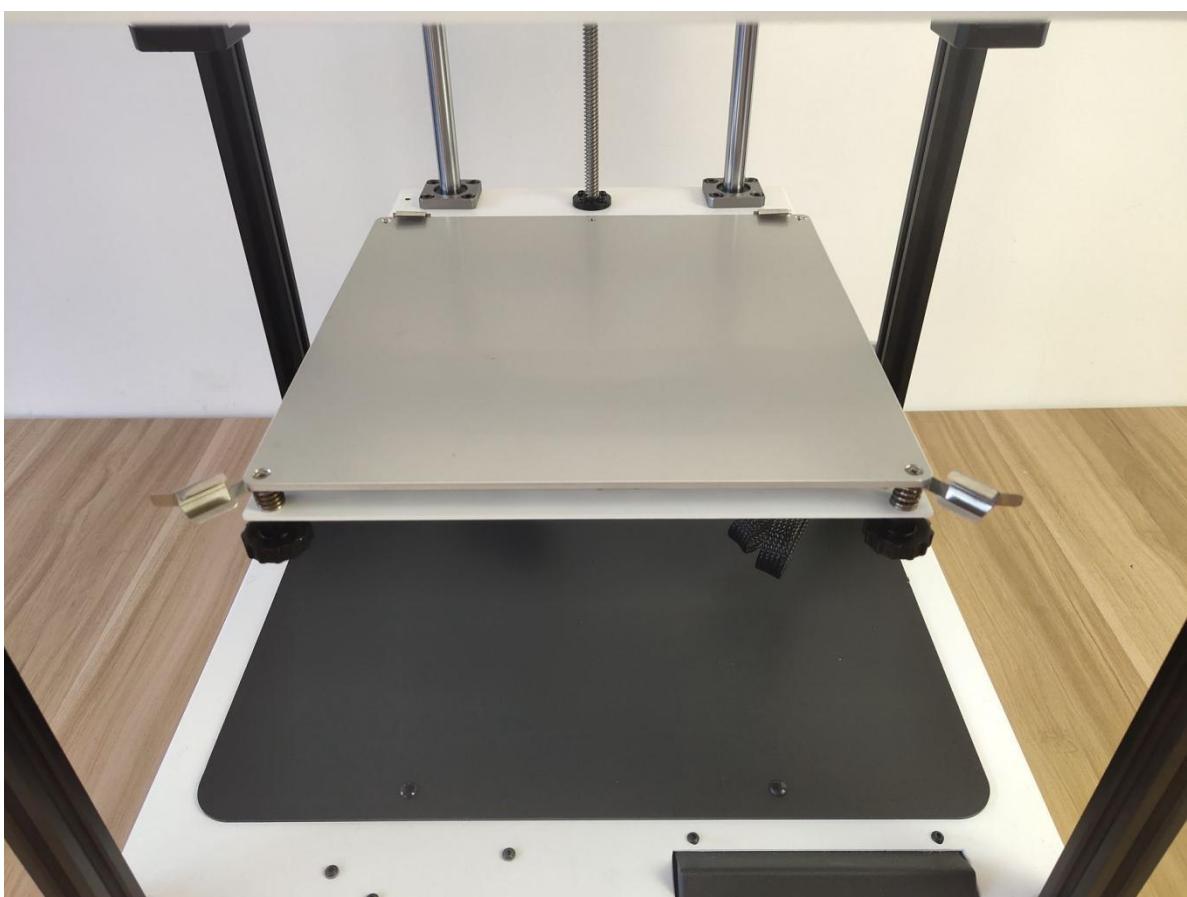
**6.4:** Fix the other end of the coupling to the motor shaft.



## 7.1: Prepare materials.



## 7.2: Install a hot bed.



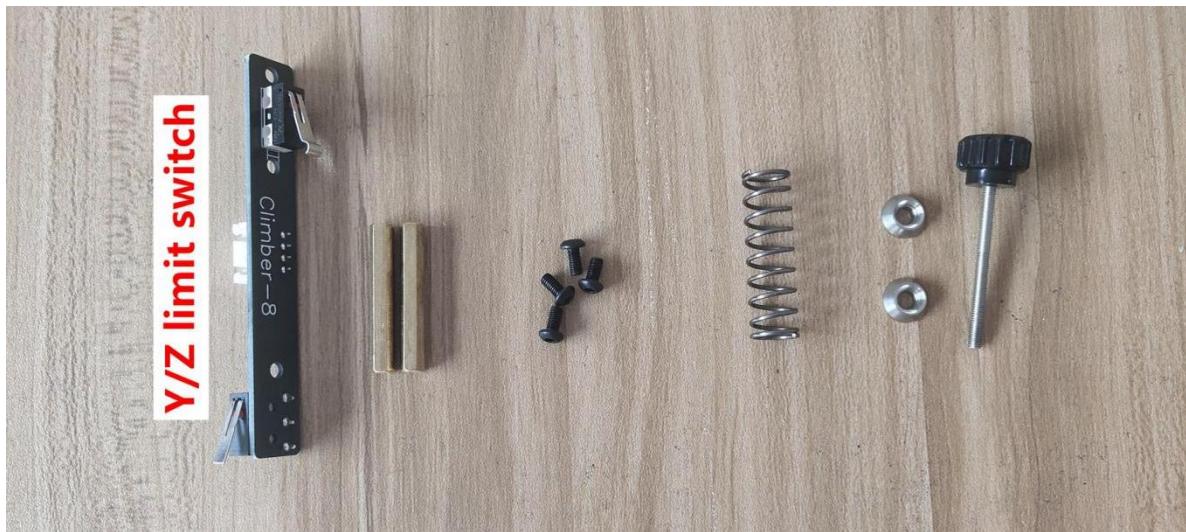
## 8.1: Prepare materials.



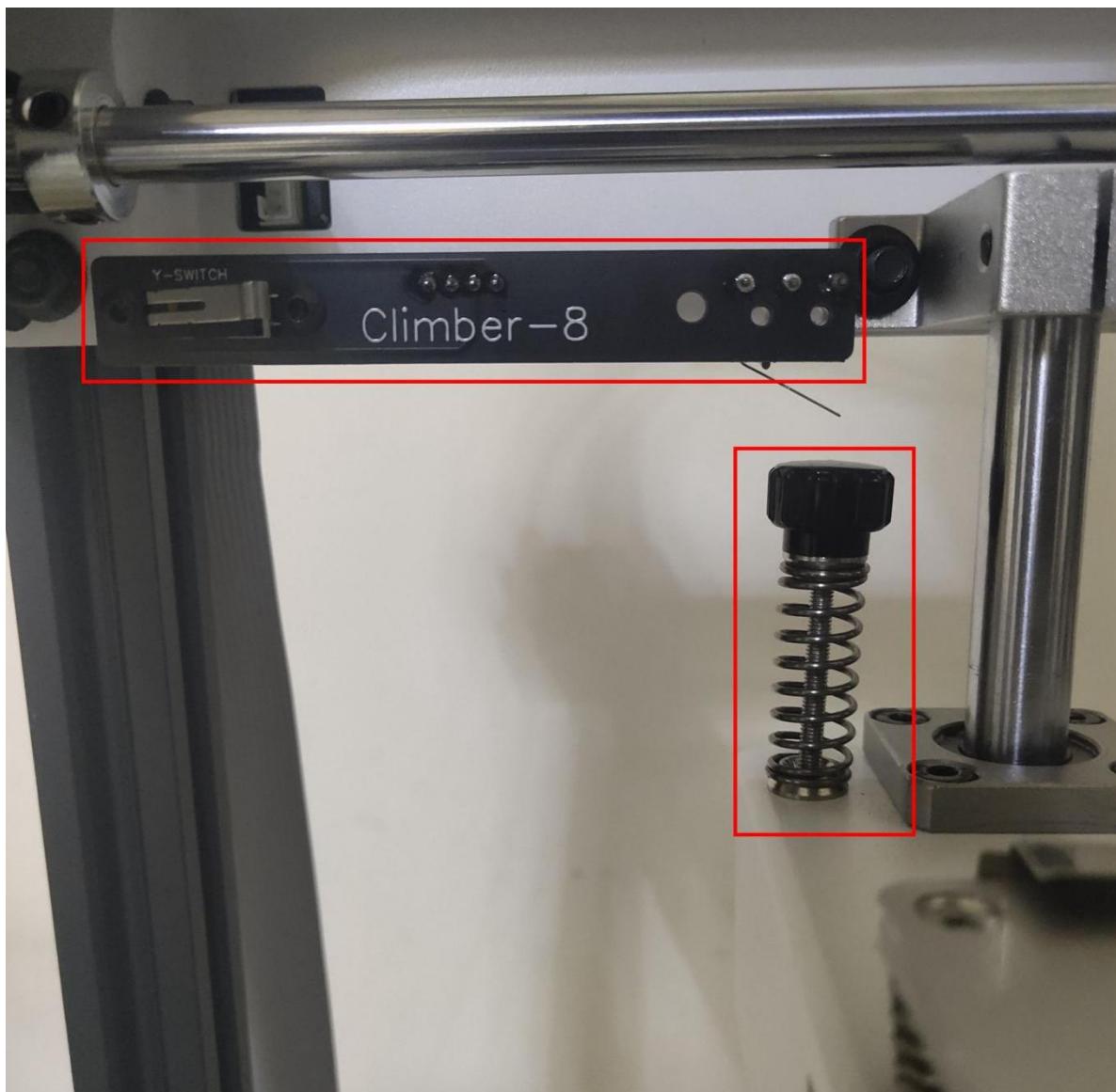
## 8.2: Tighten the Synchronous belt and fix the Y motor.



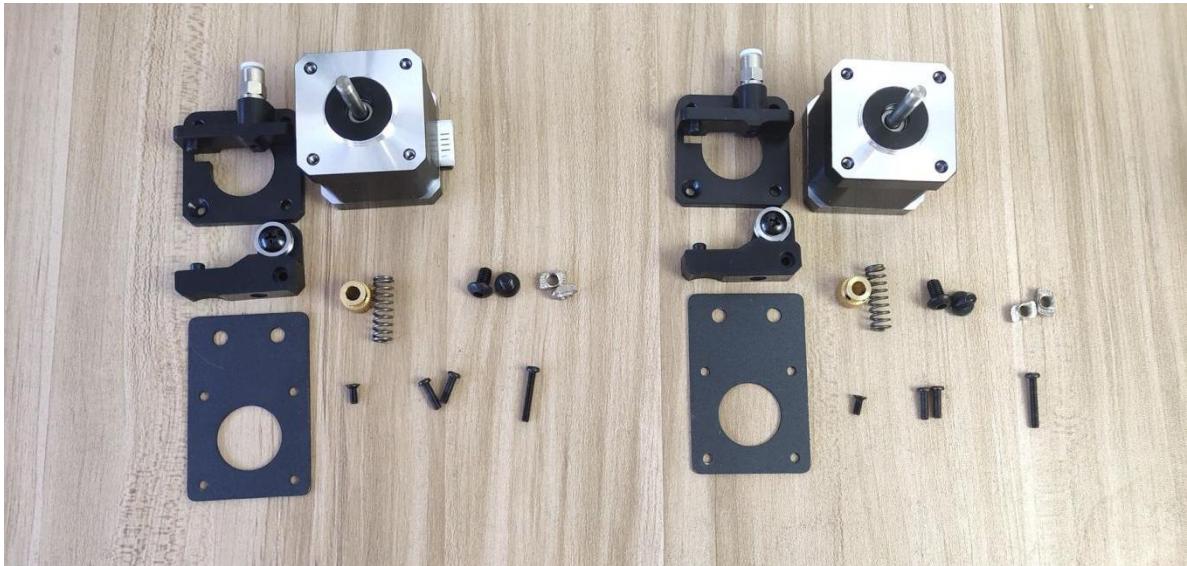
## 9.1: Prepare materials.



## 9.2: Install Y/Z limit switch.



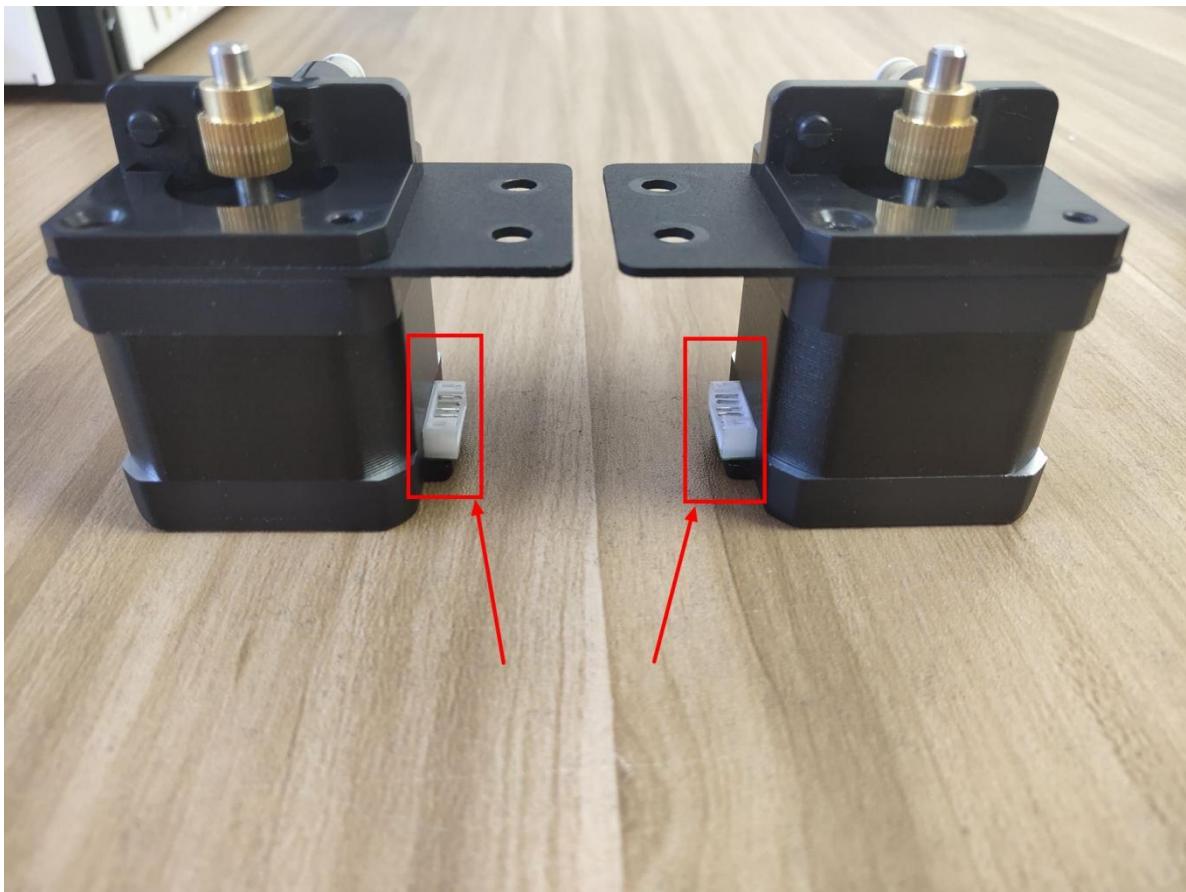
## 10.1: Prepare materials.

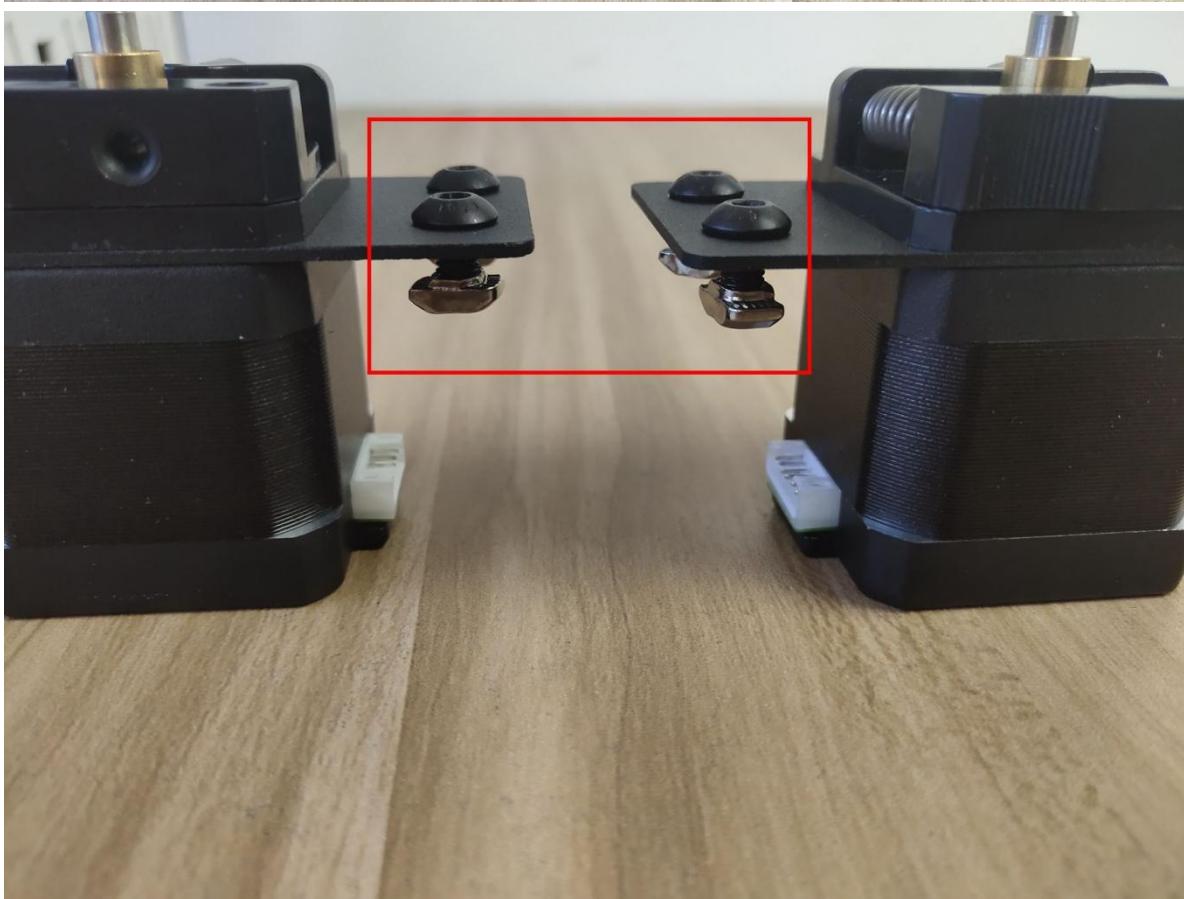
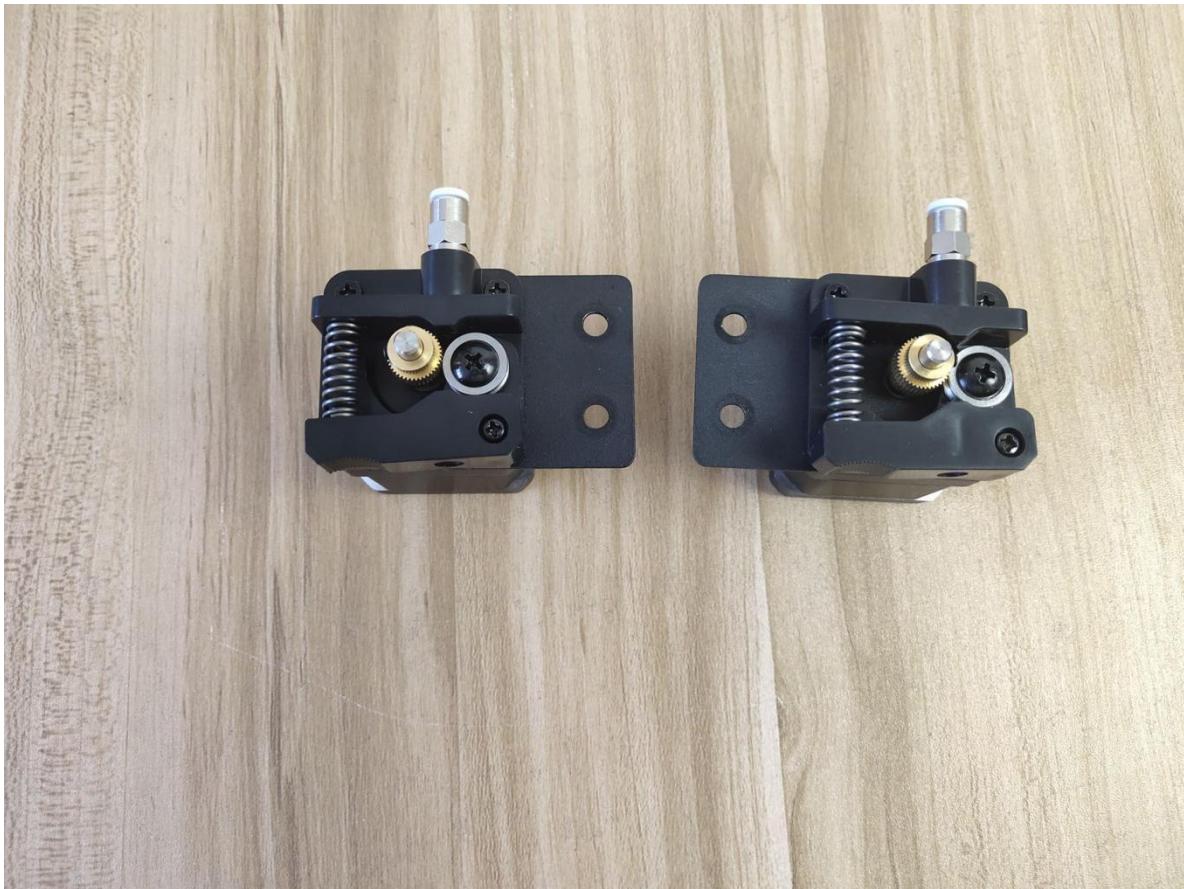


## 10.2: Assemble 2 extruders

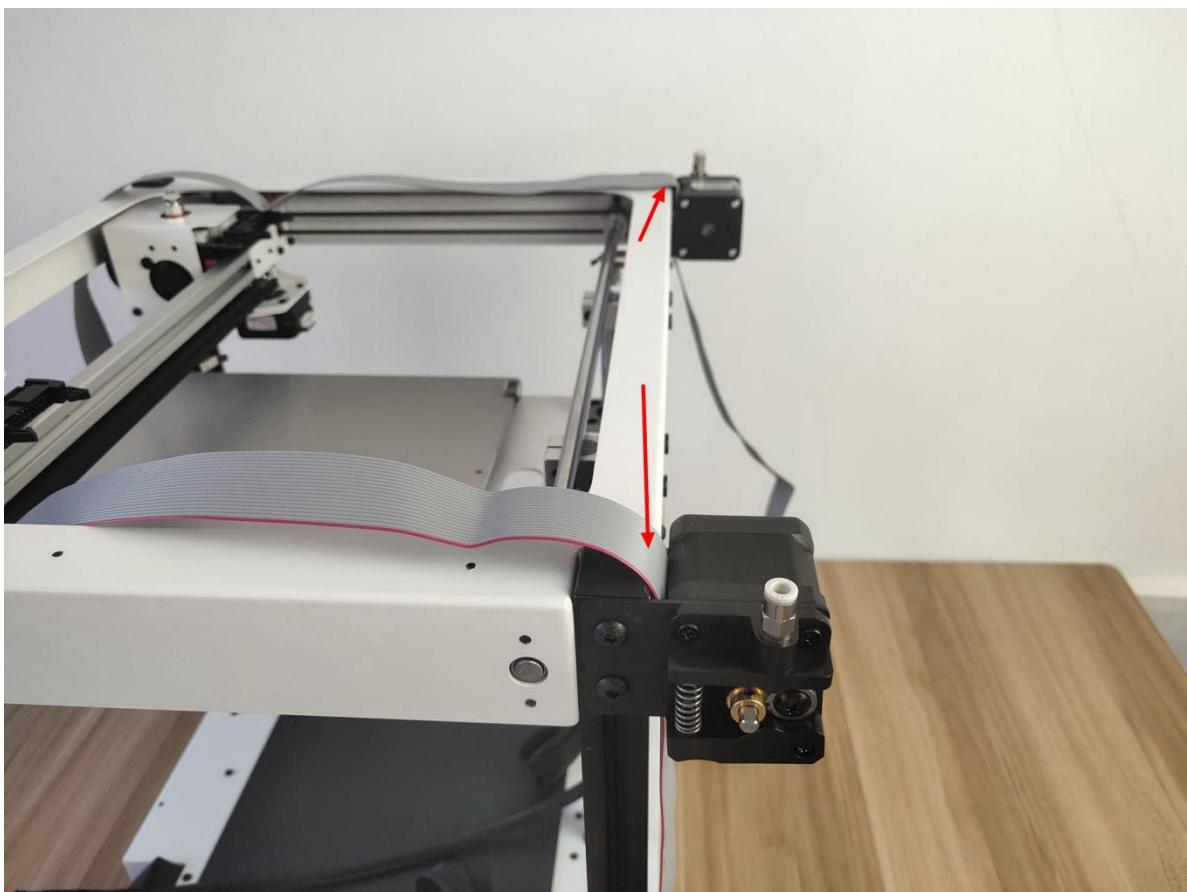


Please pay attention to the direction of the motor socket.

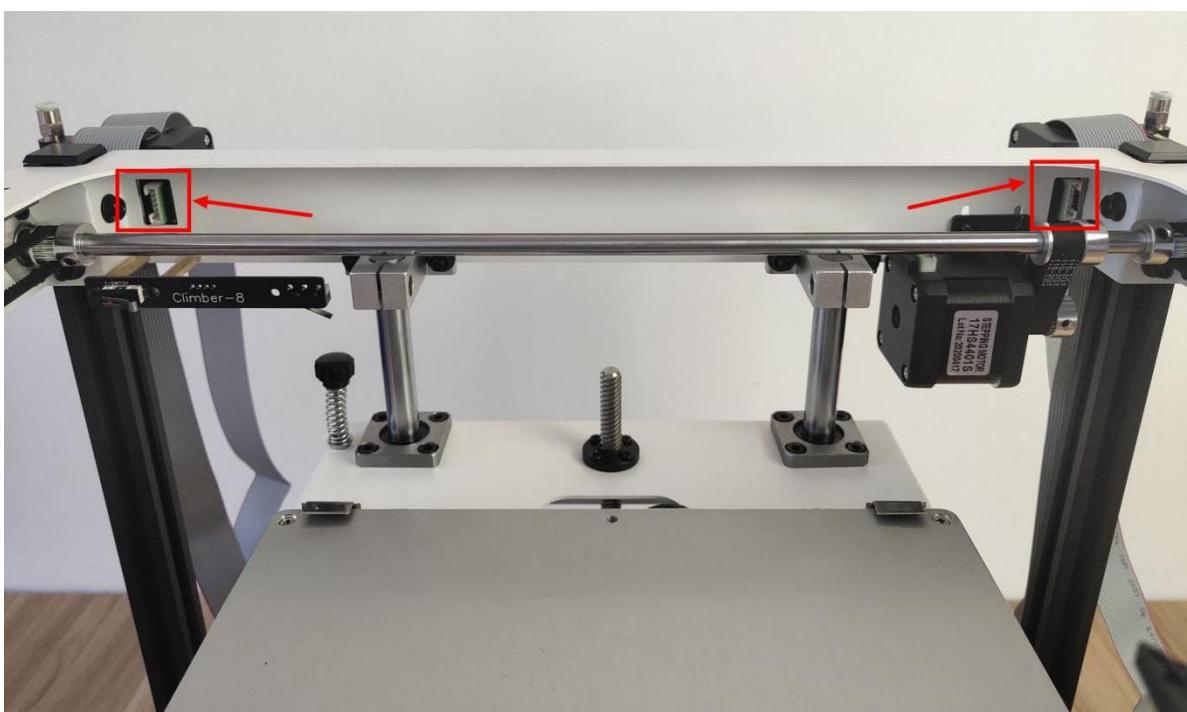




**10.3:** Put the cable in the position specified in the picture in advance, and then fix the extruder.



The socket of the motor is aligned with the square hole of the sheet metal part.

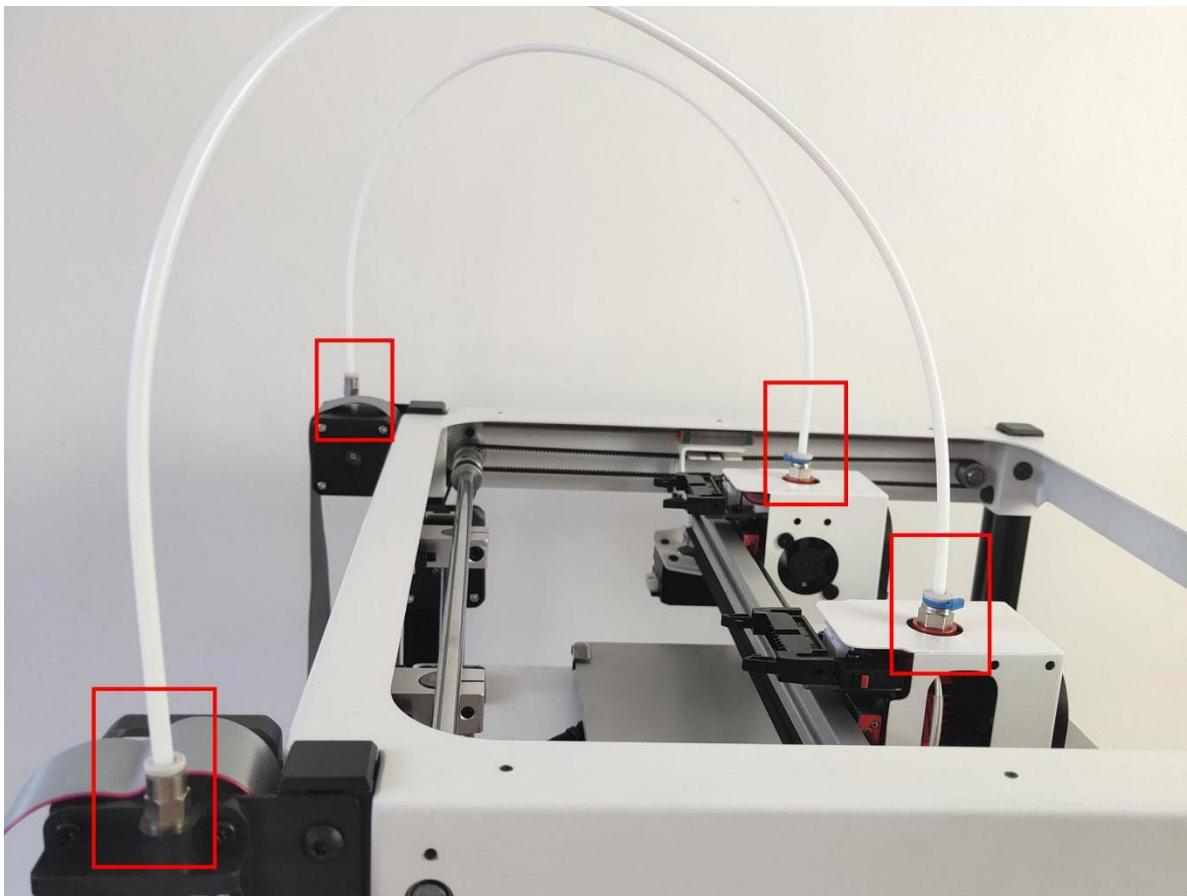


### 11.1: Prepare materials.

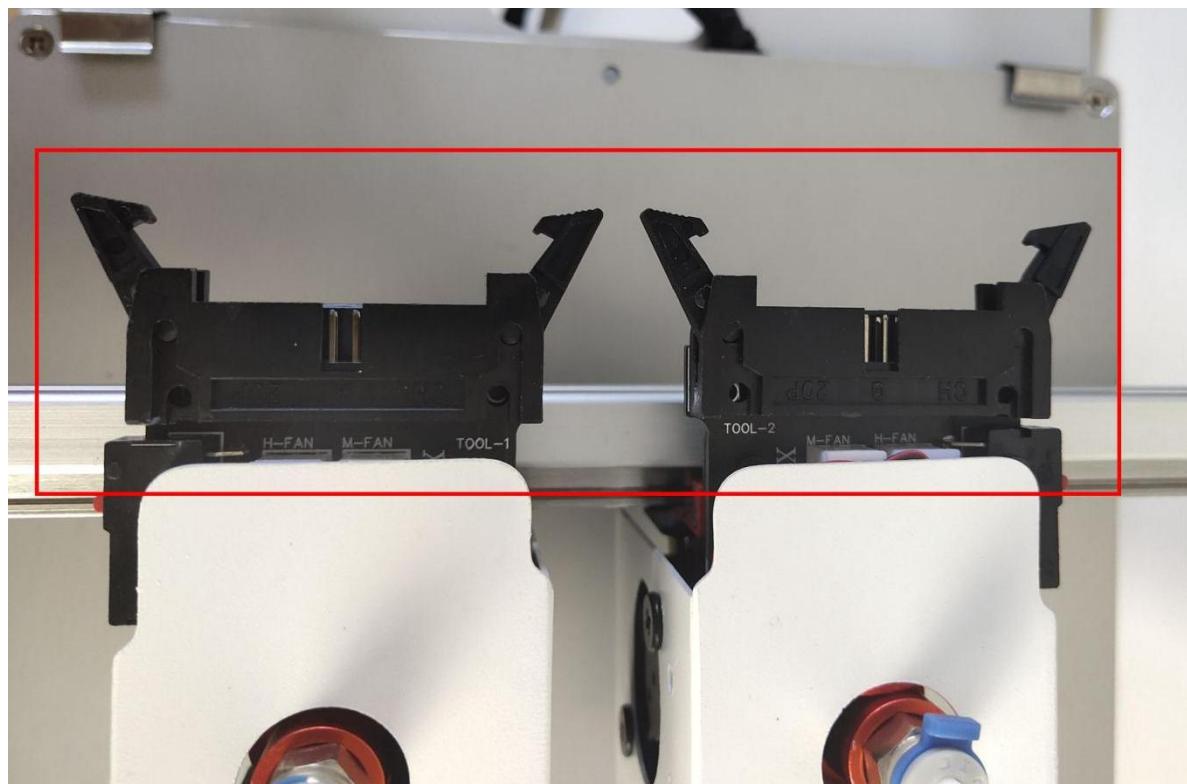


### 11.2: Install the feeding tube.

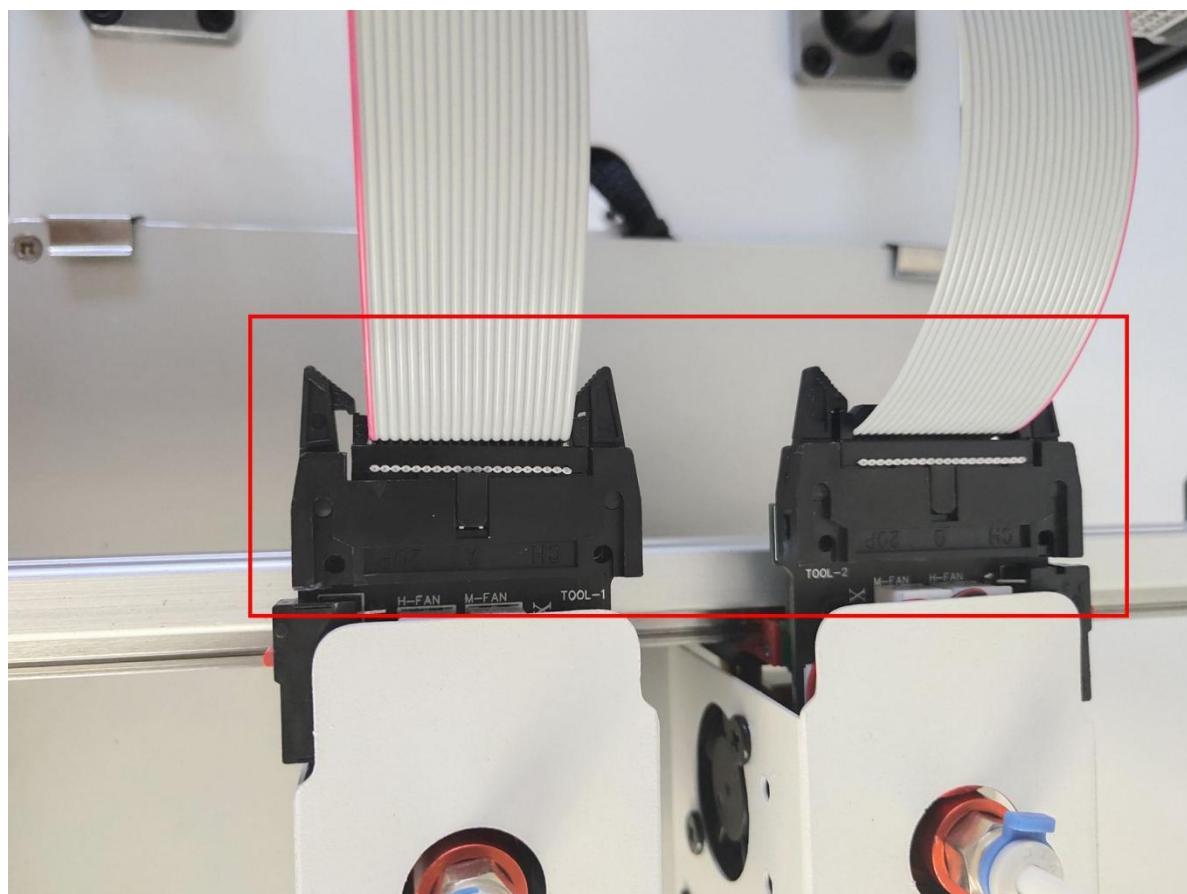
The end face of the feeding tube on the hot end side needs to touch the end face of the copper nozzle (usually the feeding tube needs to be inserted about 62mm), and then press it firmly until it is sealed.



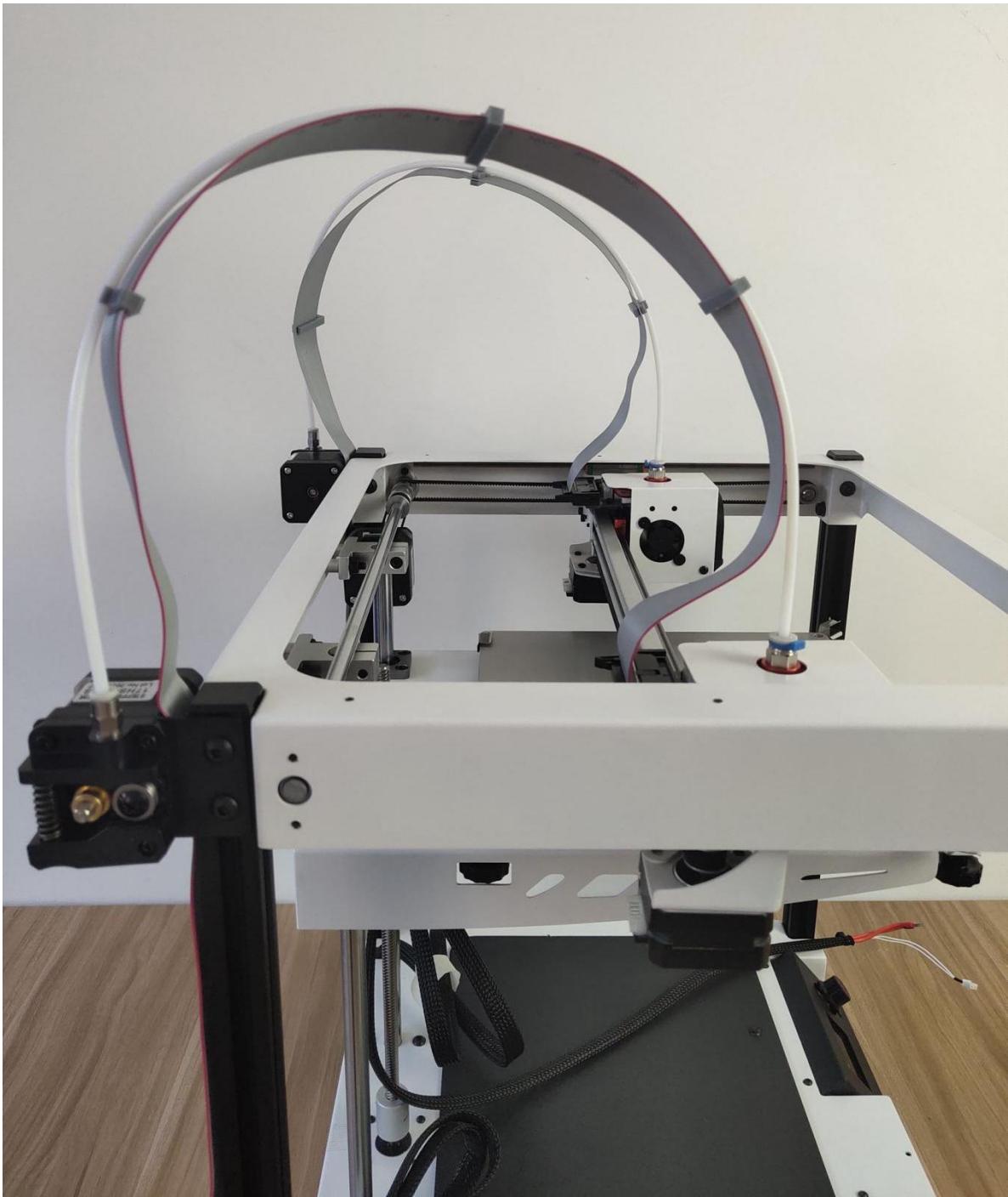
**11.3:** Open the clips of the 2 sockets.



**11.4:** Insert the plug in until the clip closes.

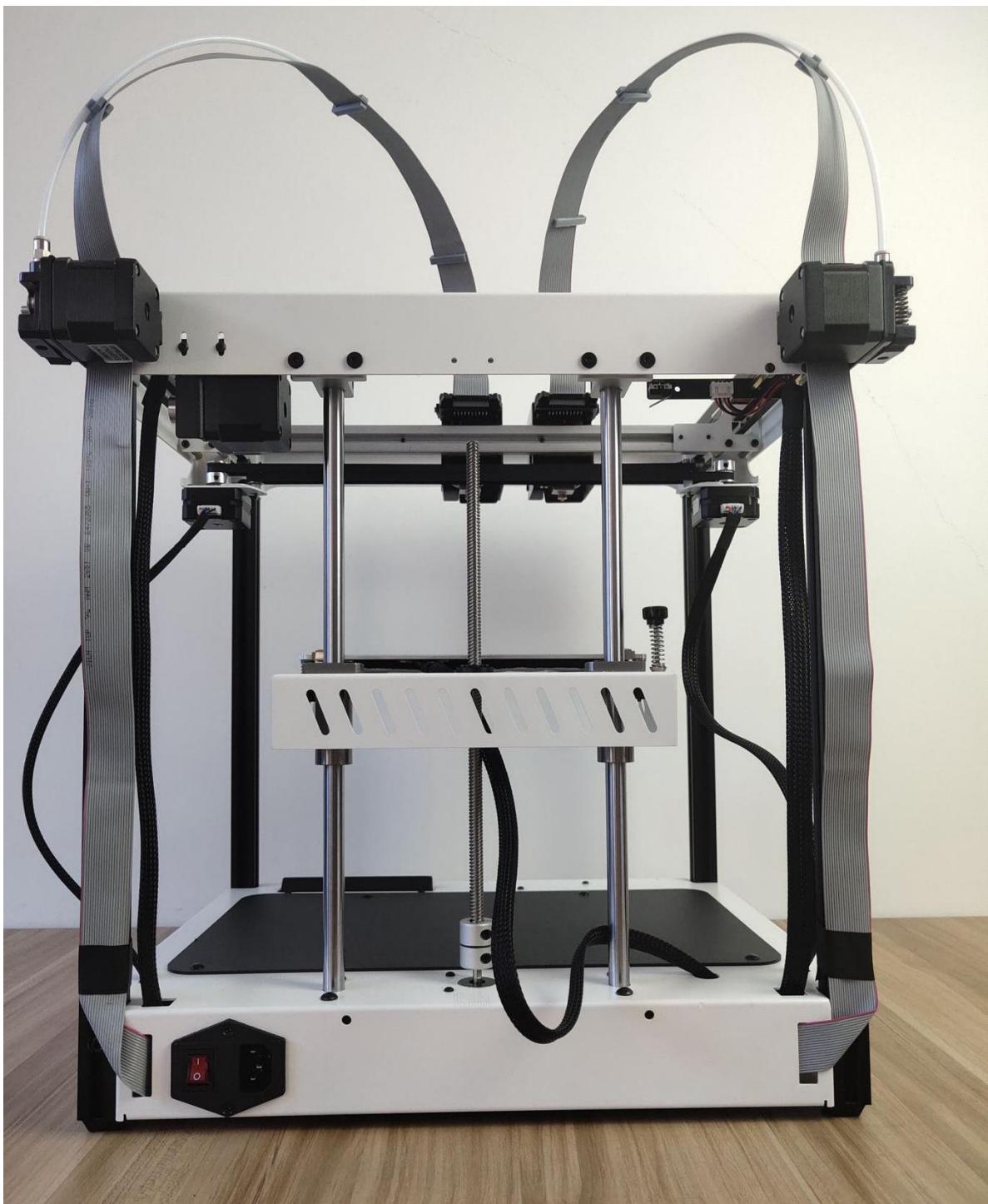


**11.5:** Use clamps to fix the cable and feeding tube.

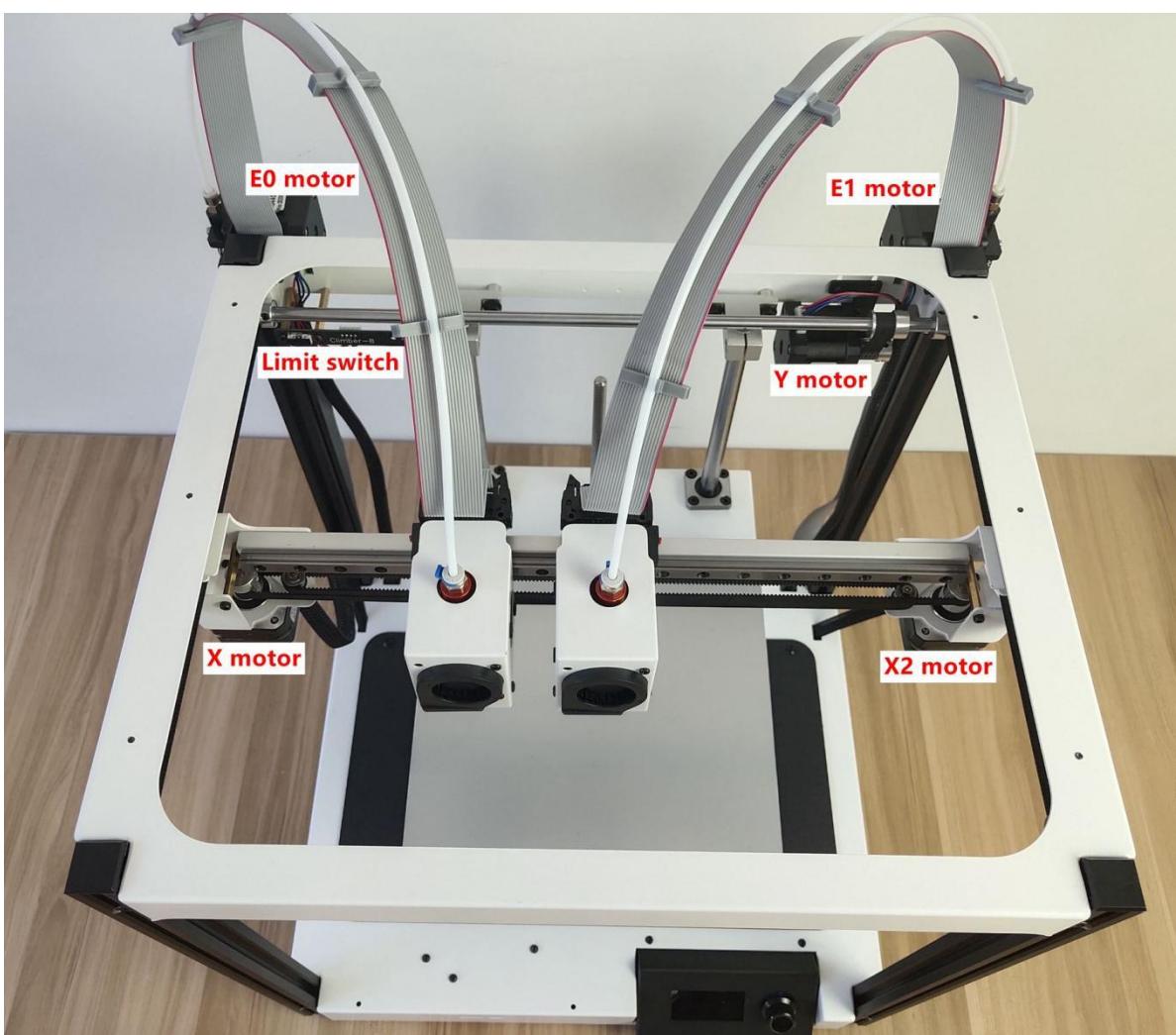
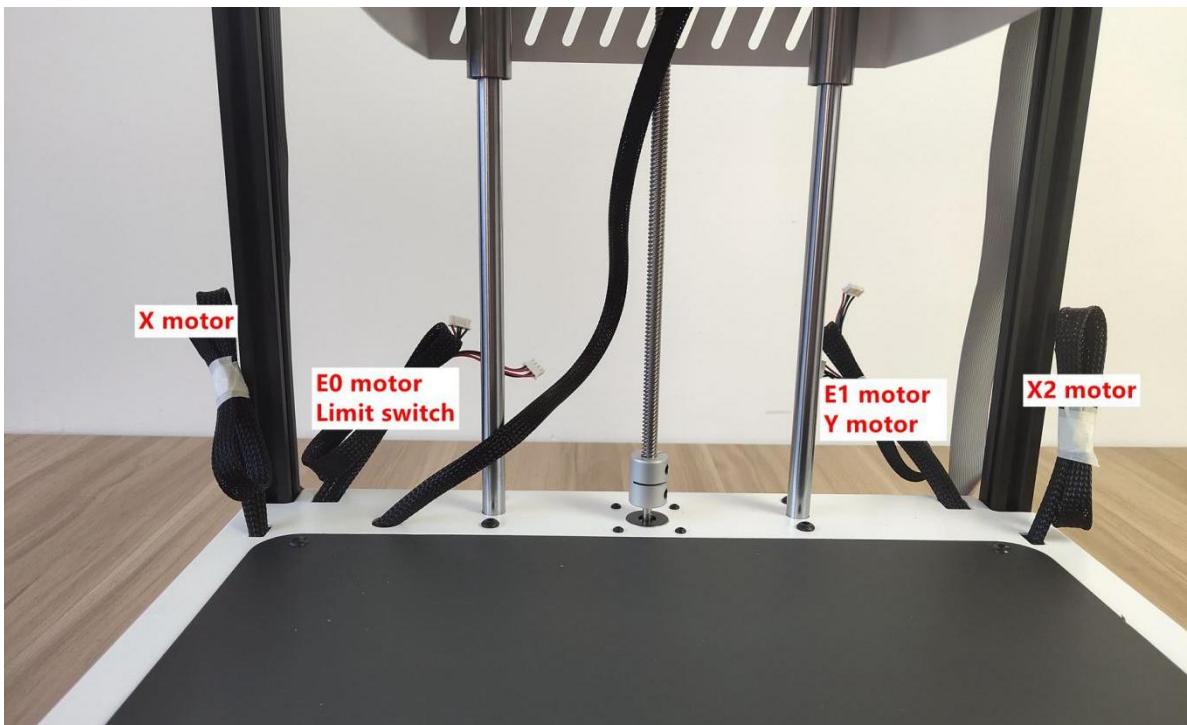


**11.6:** Use acetate tape to fix the cable.

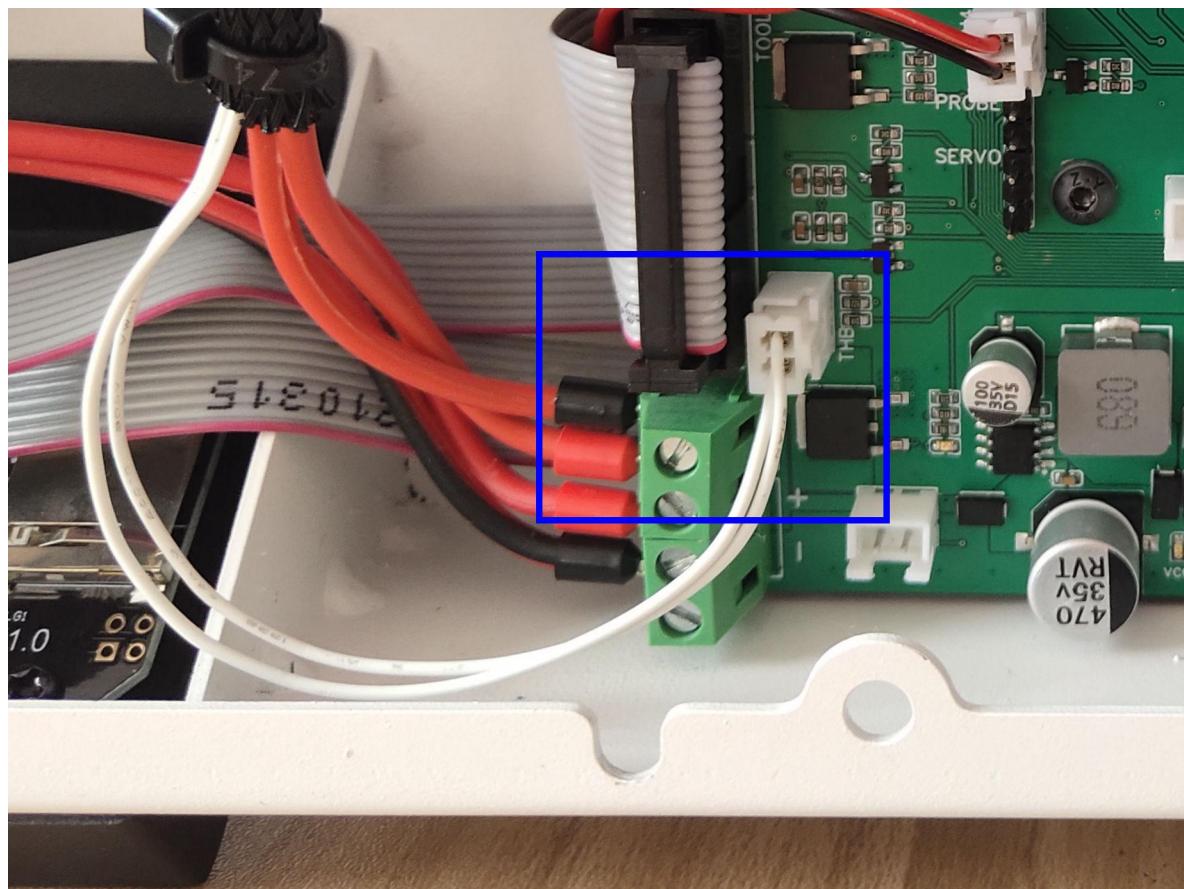




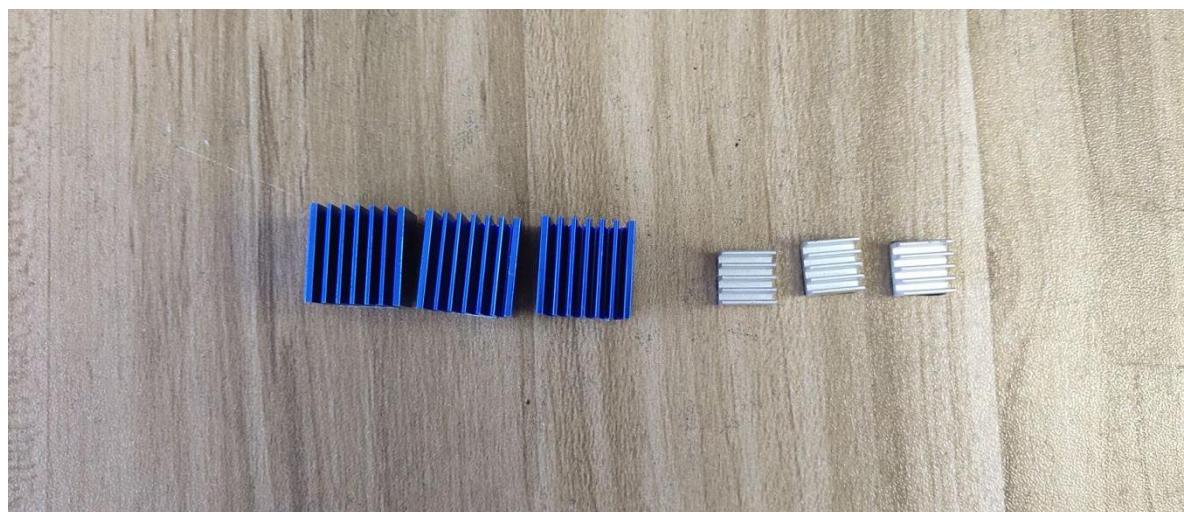
**12.1:** Connect the cable to the motor and limit switch.



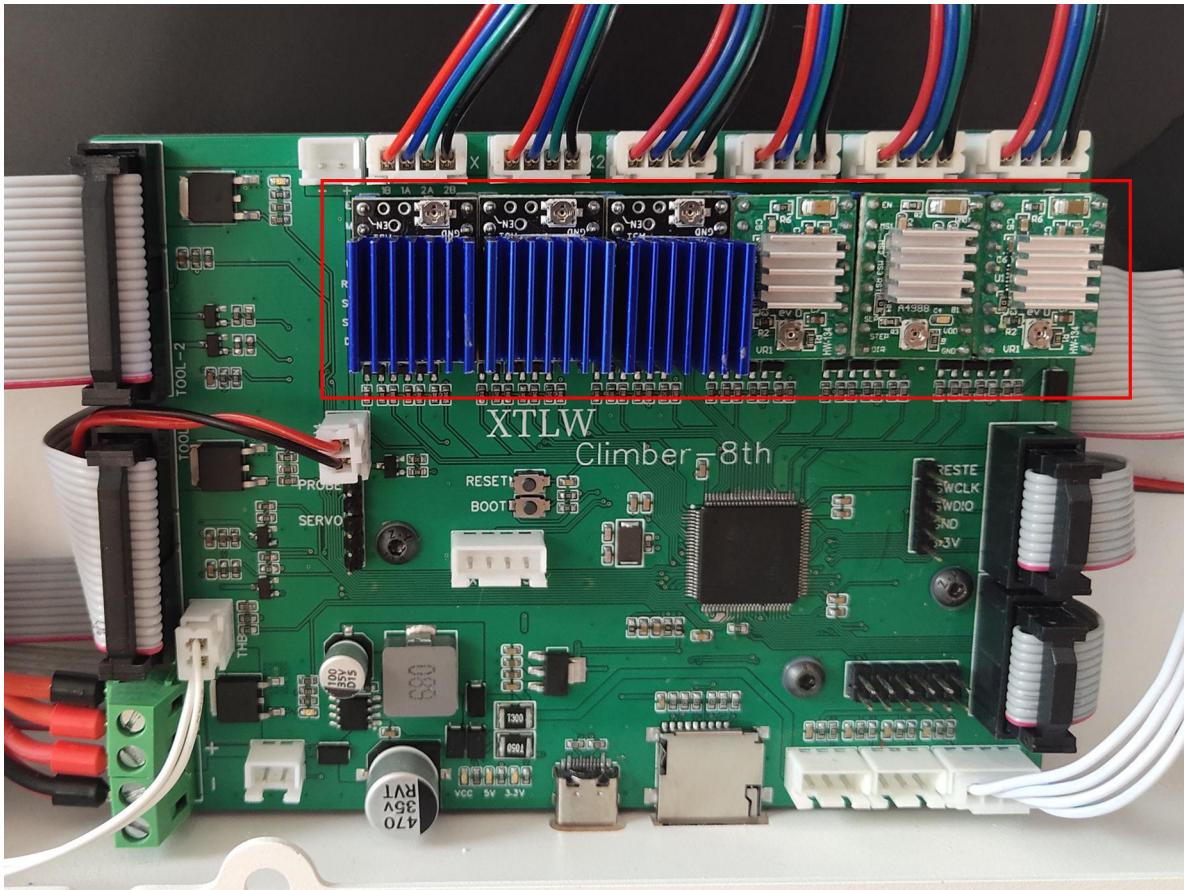
**12.2:** Connect the hot bed and the temperature sensor of the hot bed.



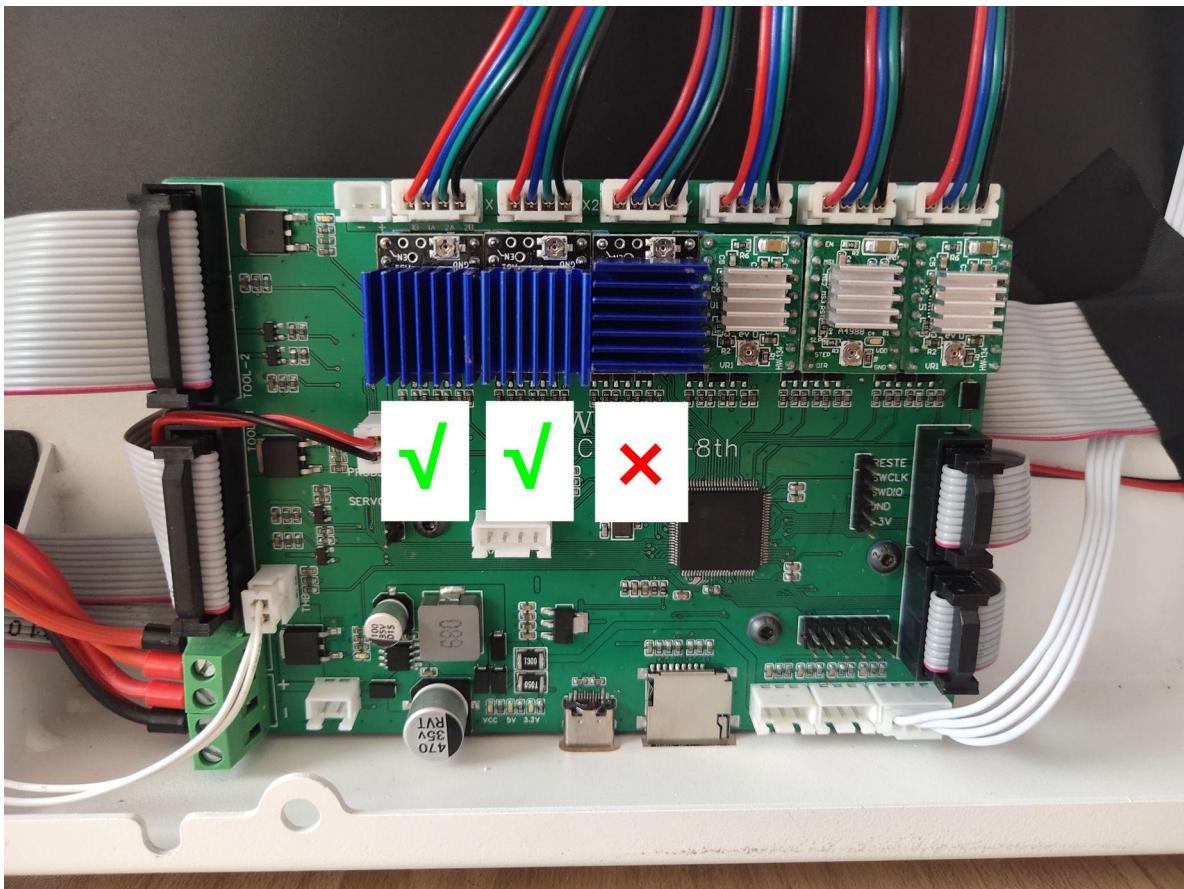
**12.3:** Prepare materials.



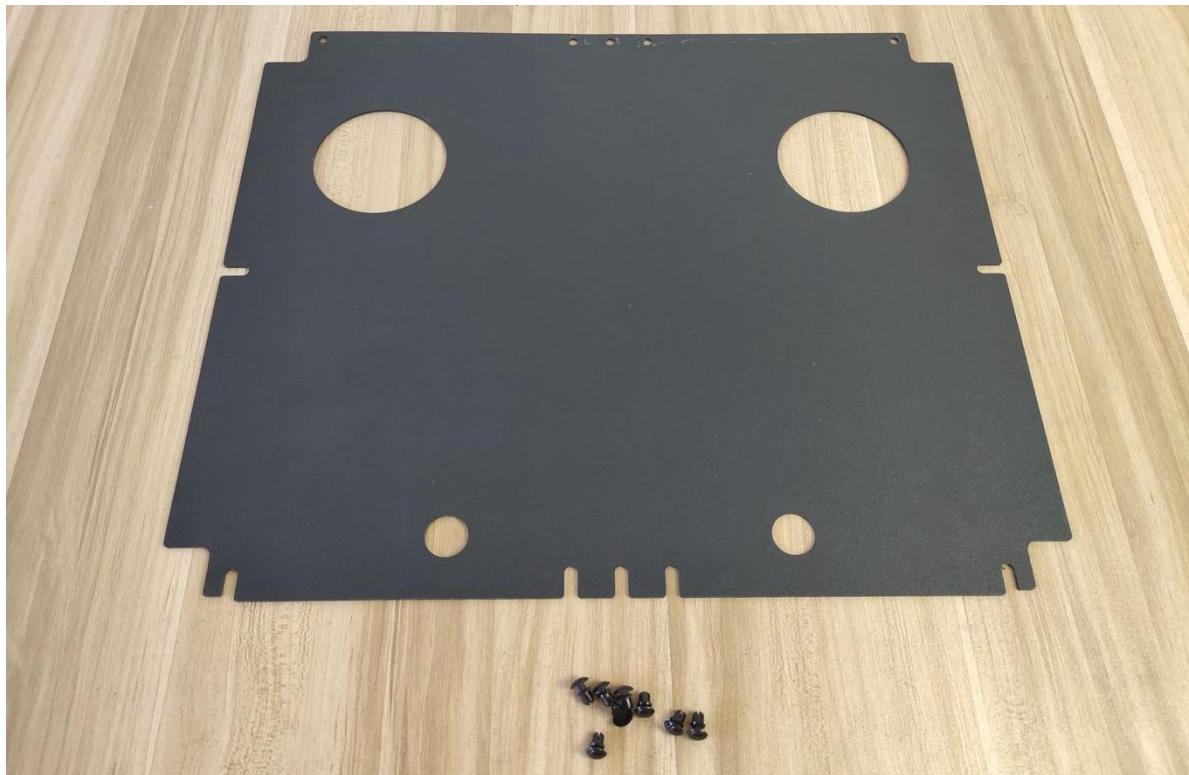
**12.4:** Install the heat sink to the driver in exactly the same way as the picture.



Please pay attention to their orientation when installing the heat sink!



**12.5:** Prepare materials.



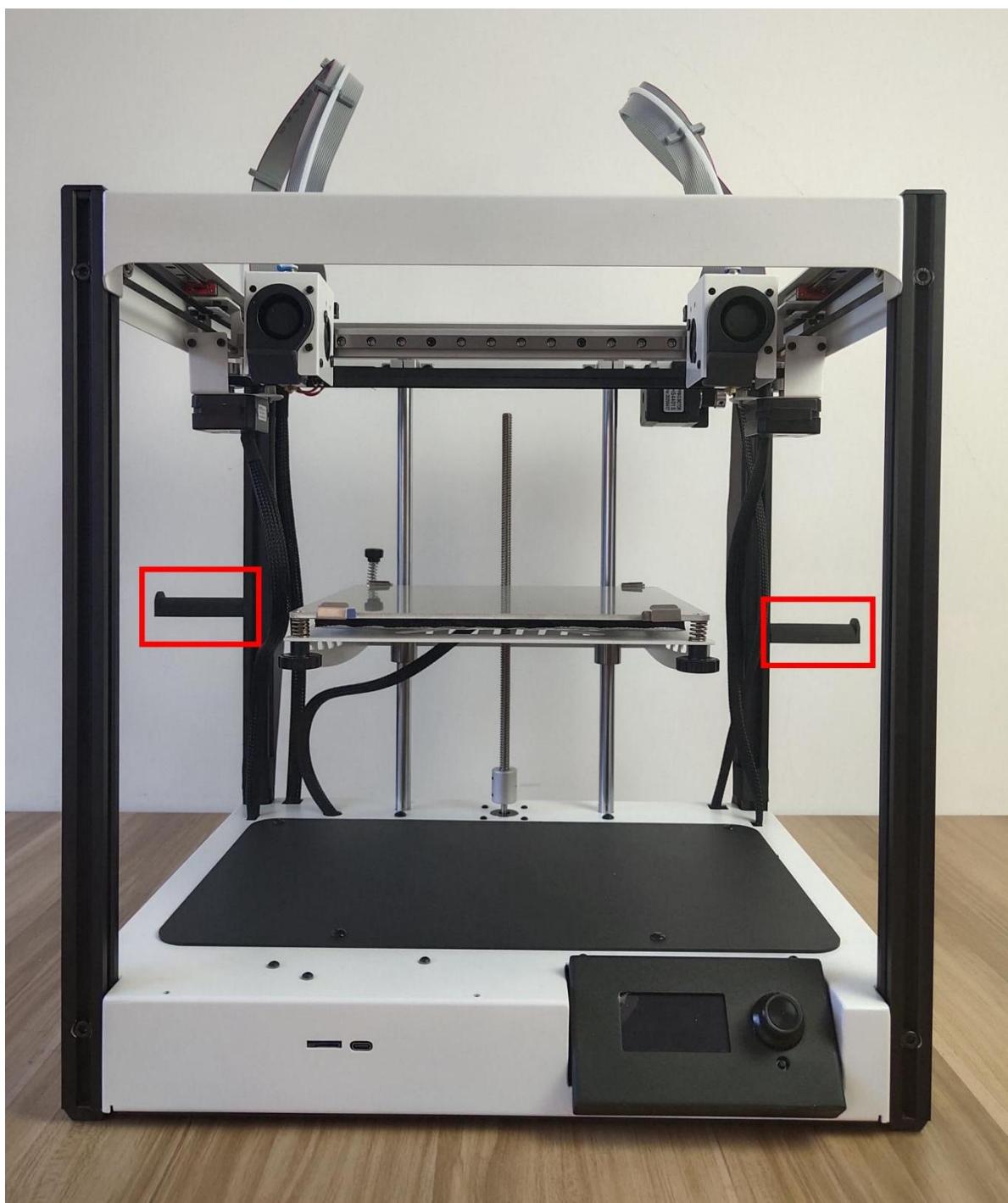
**12.6:** Adjust the guard plate to the correct position, and then use 7 plastic rivets to fix the guard plate.



**13.1:** Prepare materials.



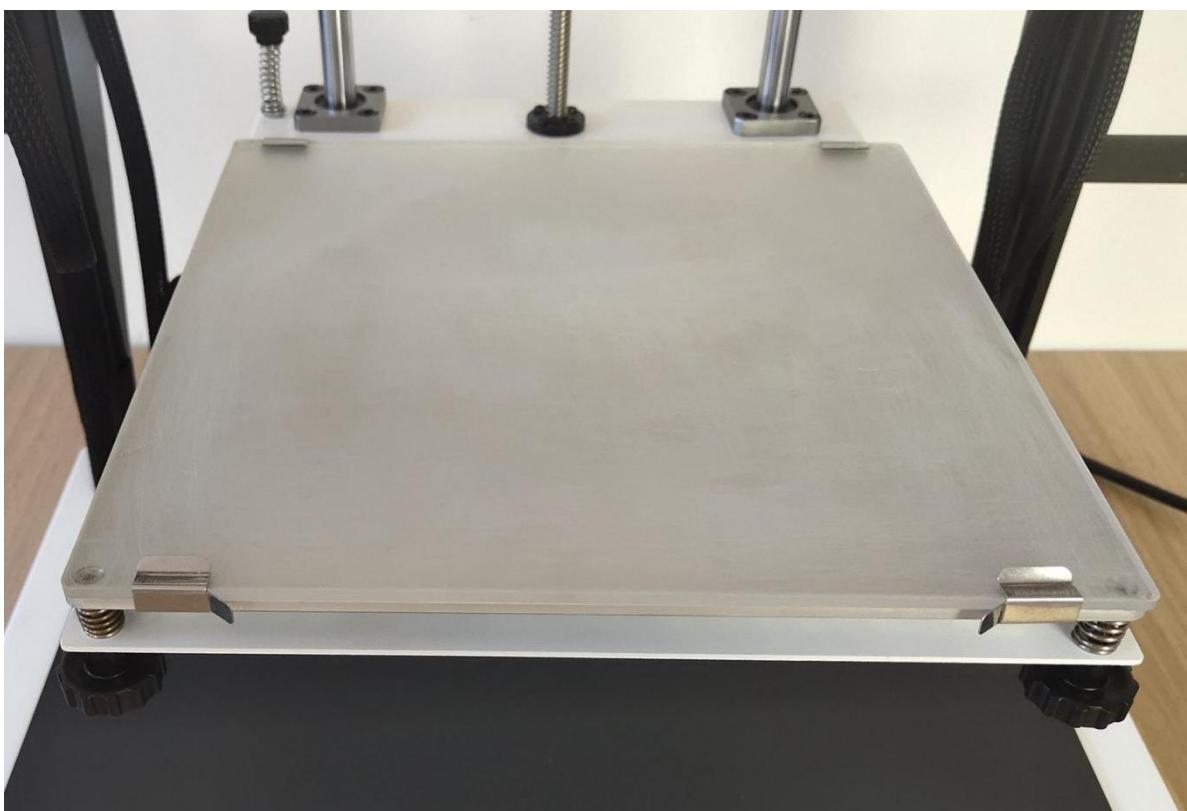
**13.2:** Fix the filament holder to the frame.



**13.3:** Tear off the protective film of the build plate, and then sand one side with sandpaper.



**13.4:** Install the build plate.(There is no need to apply glue when printing.)



**14.1:** Add lubricating oil to the bearings and guide parts of the printer. We usually recommend that you use liquid lubricating oil with a lower consistency.