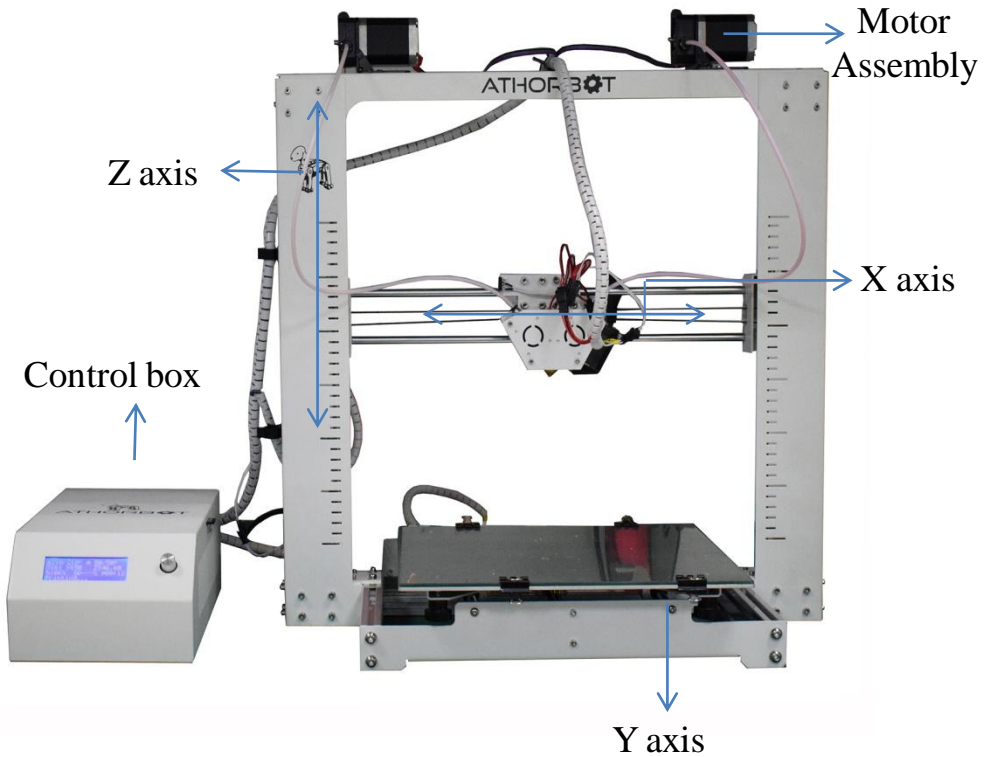
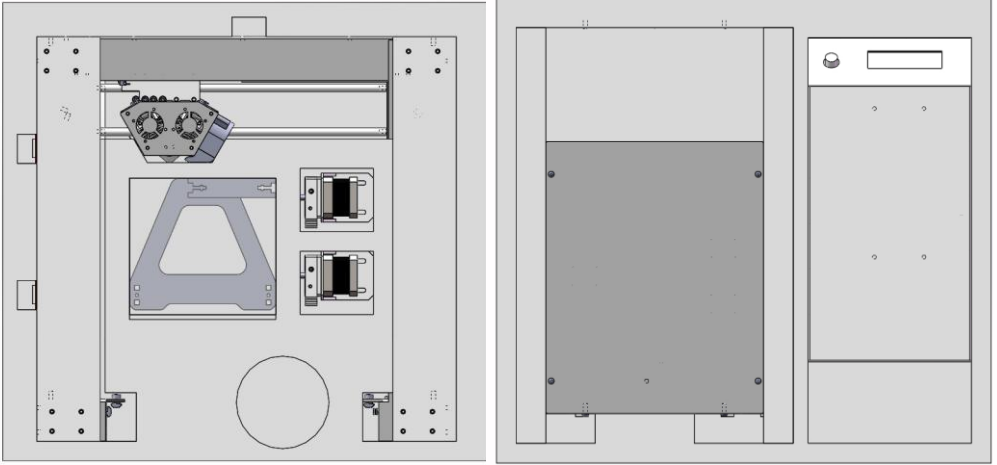


Couple Assembly Instruction Buddy & Brother

Belindon Technology Co., Ltd



























Part List	1-2
X and Y axis assembly	3
Extruder assembly	4
Wiring	4-5
Filament Holder Assembly	6-7
Leveling	8



				
① Y axis	② Glass Pane	③ Control box	④ extrusion head	⑤ Power supply
				
⑥ 130mm rod	⑦ USB	⑧ Holder 1	⑨ Holder 1	⑩ Tie
				
⑪ Filament	⑫ tape	⑬ screw kit	⑭ Motor Assembly	

Note: The printer is celebrated and printed before shipping. There will be a little filament inside the nozzle. But the nozzle is brand new.



Tools				
 1 pc	 1 pc	 1 pc	 1.5MM 1PC	 2MM 1PC
Plier	Screw driver	Screw driver	1.5mm wrench	2mm wrench
 2.5MM 1PCS	 3MM 1PC	 4MM 1PC	 5MM 1PC	
2.5mm wrench	3mm wrench	4mm wrench	5mm wrench	wrench
Screw				
 M5*8 6PCS	 M5 6pcs	 M3*6 2PCS	 M3*20 2pcs	 M8 4pcs
M5*8	M5	M3*6	M3*20	M8
 M3 4pcs	 M3*16 4pcs	 M3*10 4PCS	 M3*14 8pcs	
M3	M3*16	M3*10	M3*14	
Spare screws				
 M3*6 2PCS	 M5*8 2PCS	 M5 2pcs	 M3*3 2PCS	 M3*16 2pcs
M3*6	M5*8	M5	M3*3	M3*16



※X and Y axis assembly



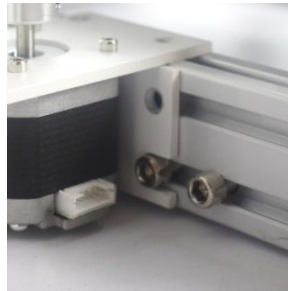
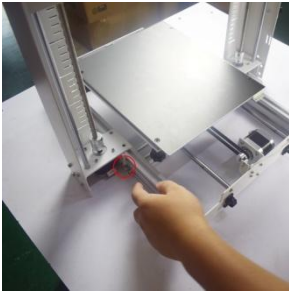
Y axis
Tools: 5*8 6pcs



X axis M5
6pcs



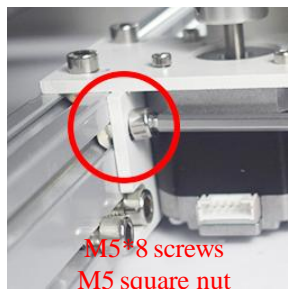
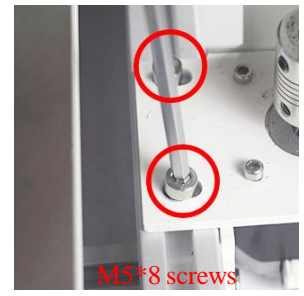
Screw and wrench



STEP1:
Place X axis frame
over Y axis frame
as the picture
shown.

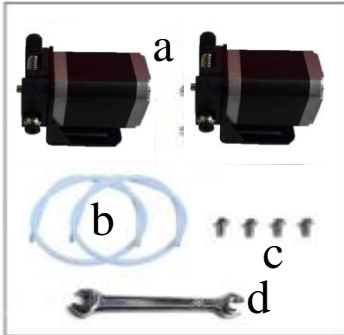
STEP2:

Put the M5 square
nut in the aluminum
frame and fasten it
tightly with the M5
* 8 inner hexagon
screws.

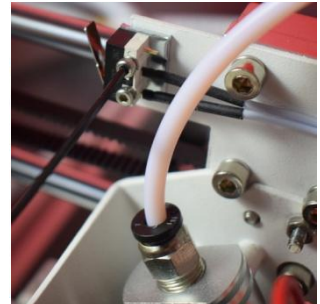
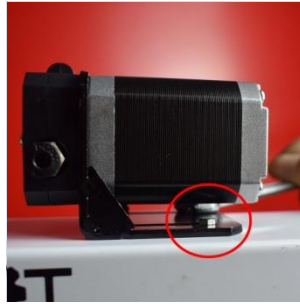
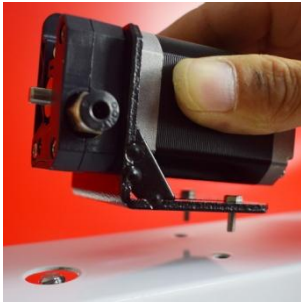




※Extruder assembly

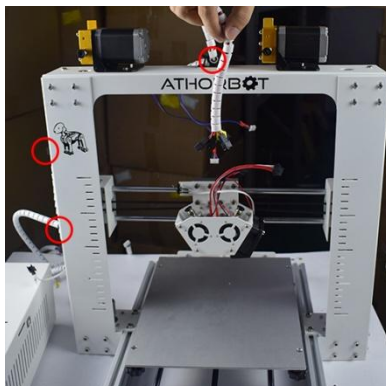


- | | |
|----------------------------|------|
| a. Extruder motor assembly | 2pcs |
| b. Teflon tube | 2pcs |
| c. M3*10 hex screws | 4pcs |
| d. Wrench | 1pc |

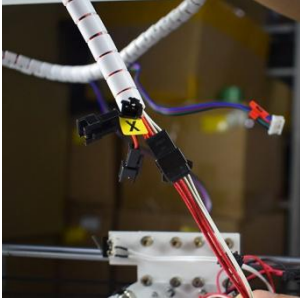


- 1.Place the assembled extruder motors on the left and right side of the top of the 3D printer, and fixed them with 2 M4*6 hex screws hex screws.
 2. Insert two teflon tubes into the extruder and nozzle.
- Note: Both extruder motors face the left direction.**

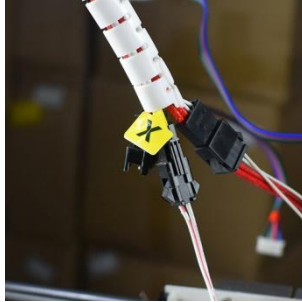
※Wiring



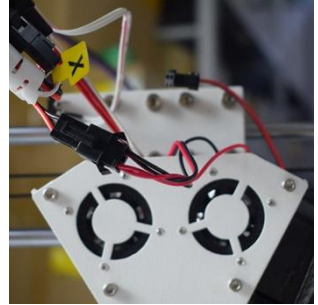
Put the control box on the left of the machine. Put the longest cable over the top of the printer.



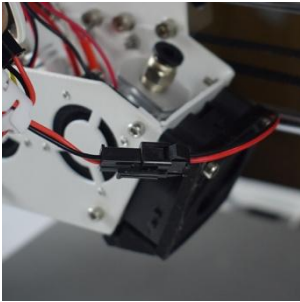
Heating element cable



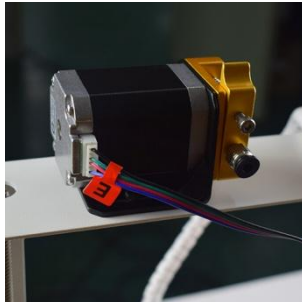
X axis limit switch



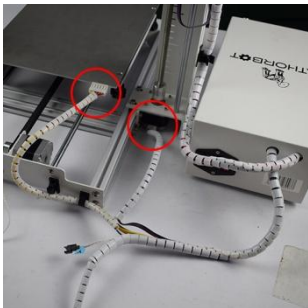
Nozzle fan



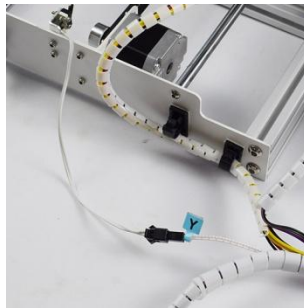
Turbofan



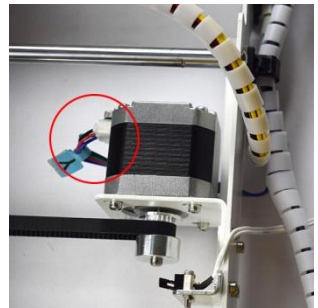
Extruder



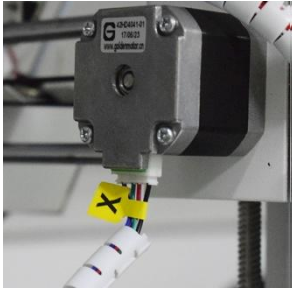
Hot bed cable/ Z axis motor cable



Y axis limit switch cable



Y axis motor cable



X axis motor cable
(at the left side of X
axis guild rail)

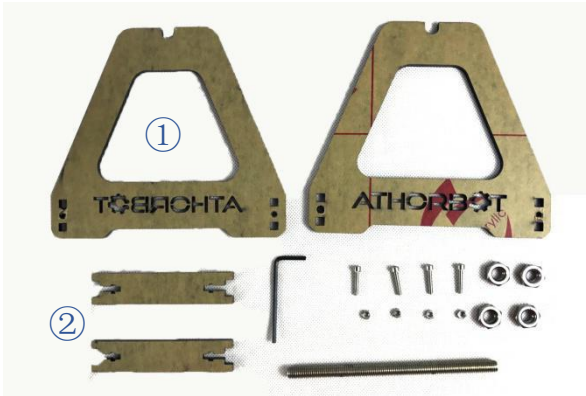


Z axis limit switch
with cable
(at the lower left of
x axis mount)



Z axis motor
cable
(on the left side)

※Filament Holder Assembly



- Filament Spool Holder ① 4pcs
- Filament Spool Holder ② 4pcs
- M3*16 screws M3 8pcs
- nuts 8pcs
- M8 nuts 8pcs
- 8* 130mm screw 2piece
- 2.5mm wrench 1piece



step1



step2

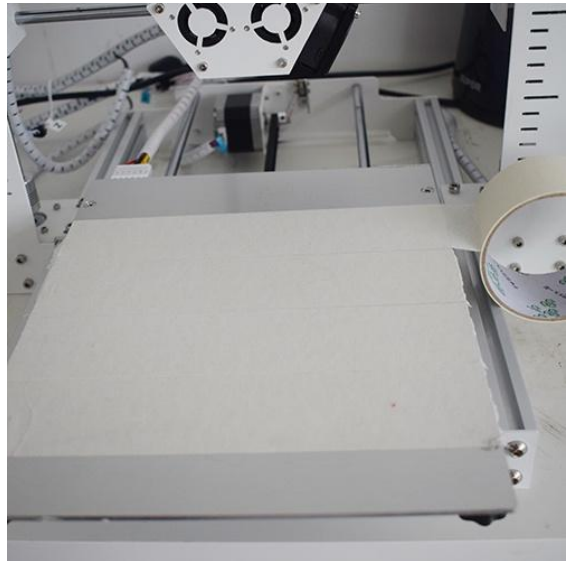


step3



Assemble the Filament Spool Holder ① and Filament Spool Holder ② with M3*16 screws and M3 nuts. Place the 8*130mm screw into the 4pcs M8 nuts as the picture show. Put the filament spool pass through the 8*130mm screw. And then put it on the Holders①.

Tape is used to make the print stick on the hot bed easily.





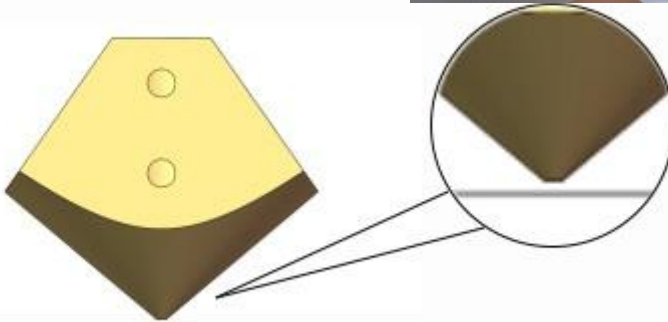
※Leveling

Info Screen ↗
> Prepare →
Control →
Print from SD →

Disable Steppers
> Auto Home
Preheat PLA
Preheat ABS

Choose “Auto Home” for homing x, y and z axis.

Adjusting the height of building plate by turning the black screw under the hot bed.



The best distance between nozzle and hot bed is about 1mm(the thickness of an A4 paper)

Video of Assembly Instruction:<https://youtu.be/7hdnlU1FjKU>



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Couple

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