

●Screws and nuts



M8 Shim 12pcs



M8 nuts 12pcs



KM3*25mm screws 4pcs



Pole 4pcs



M3 Shim 12pcs



M3*6mm screws 38pcs

●Screws and nuts



Spring 4pcs



Thumb nuts 4pcs



M4*6mm screws 19pcs



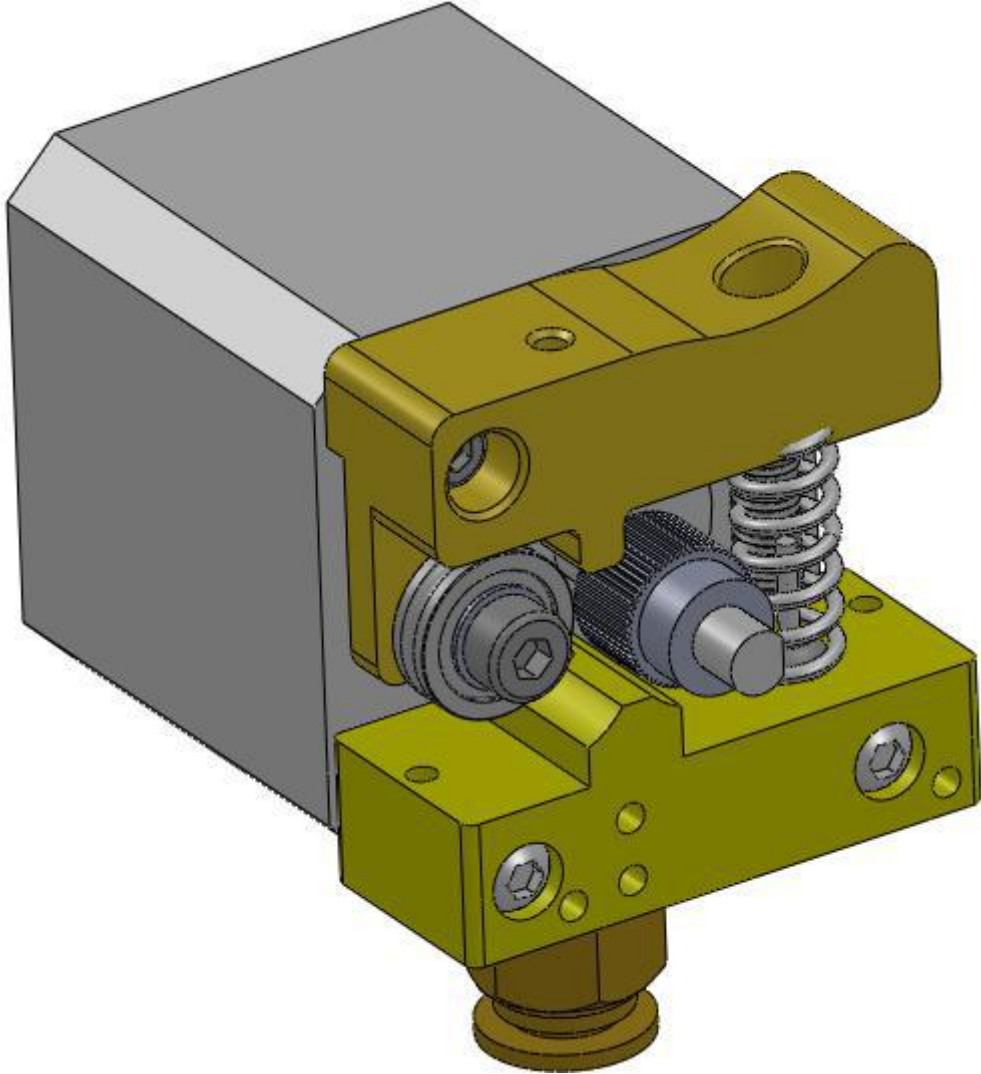
M3 nuts 12pcs



M3*20mm screws 13pcs

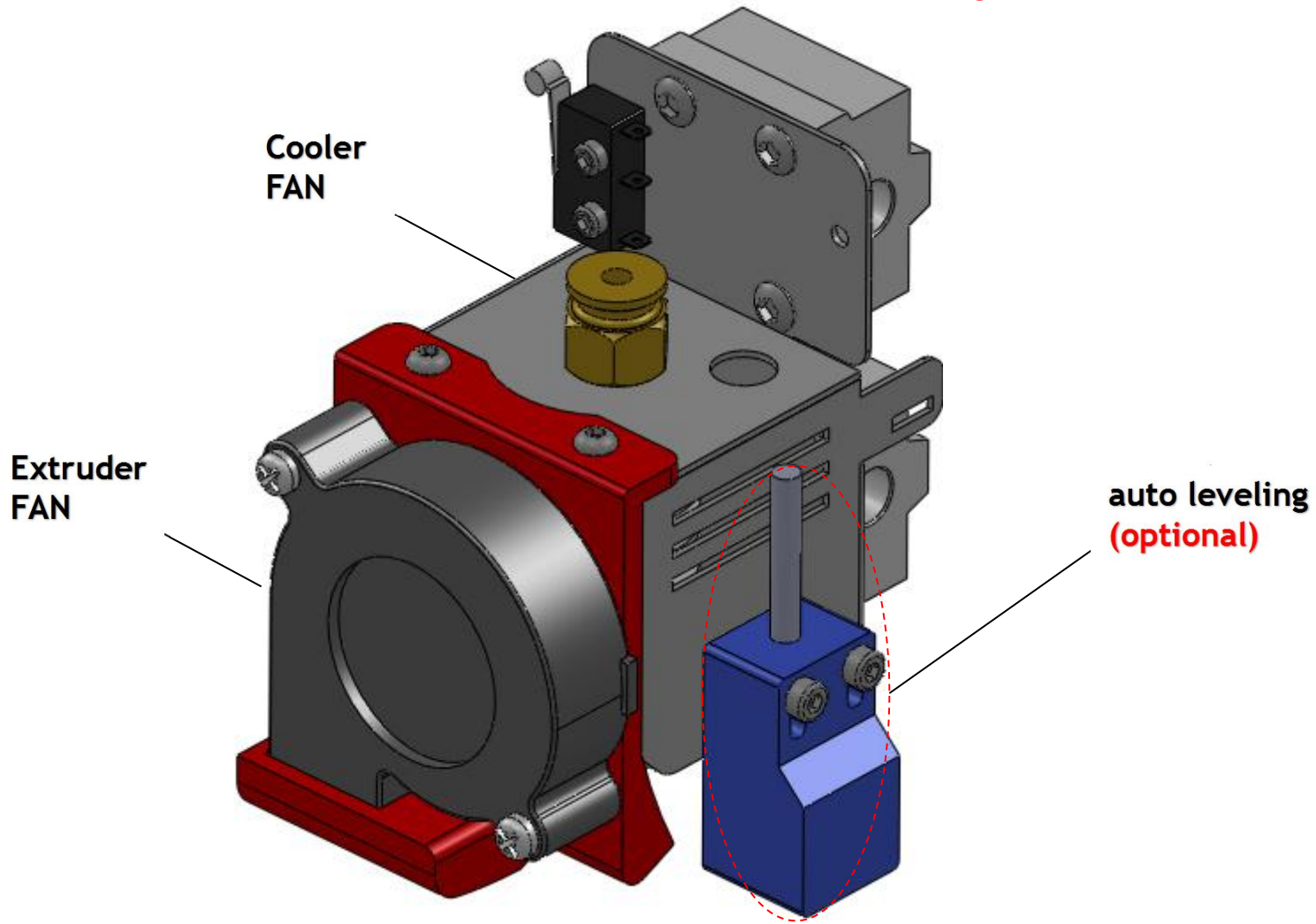
- Assemble remote extruder

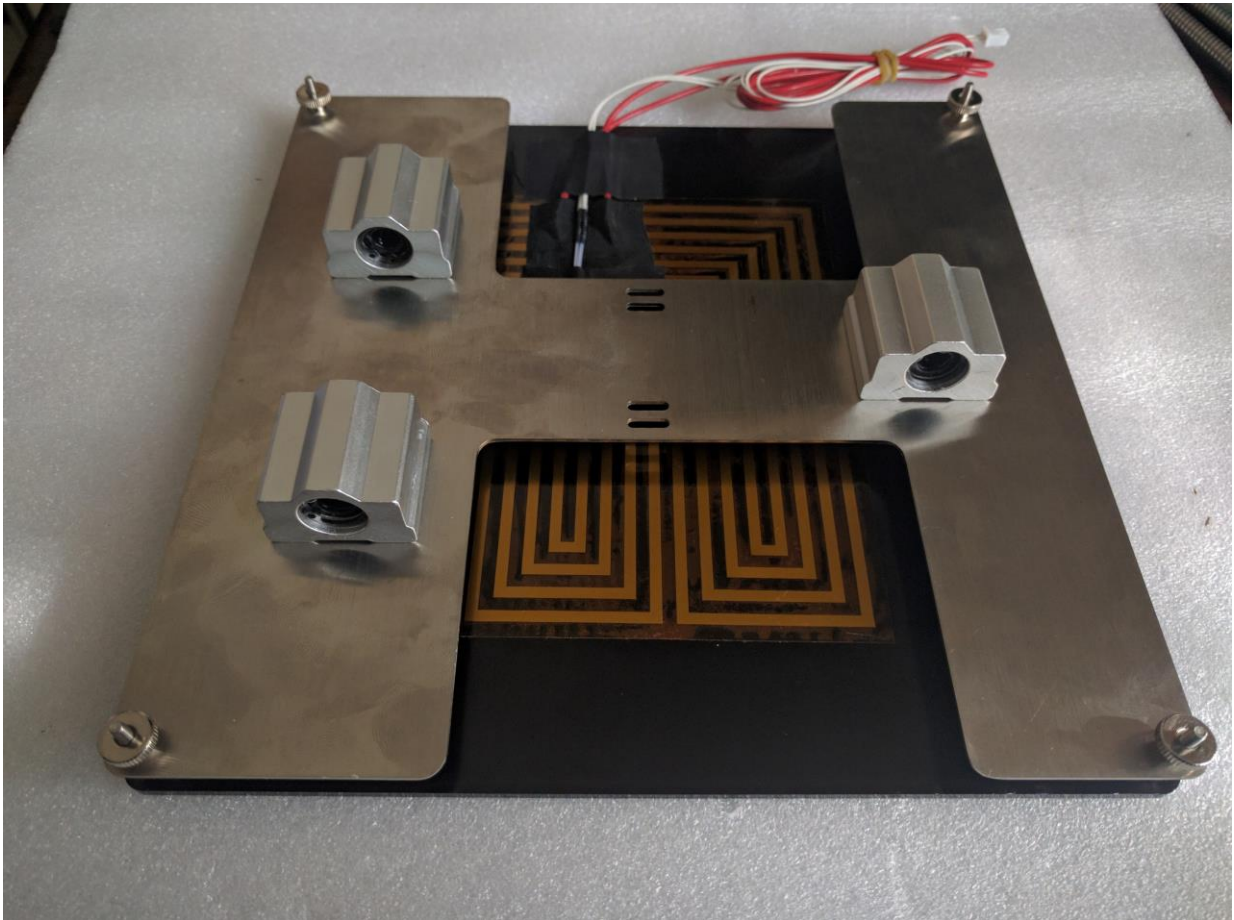
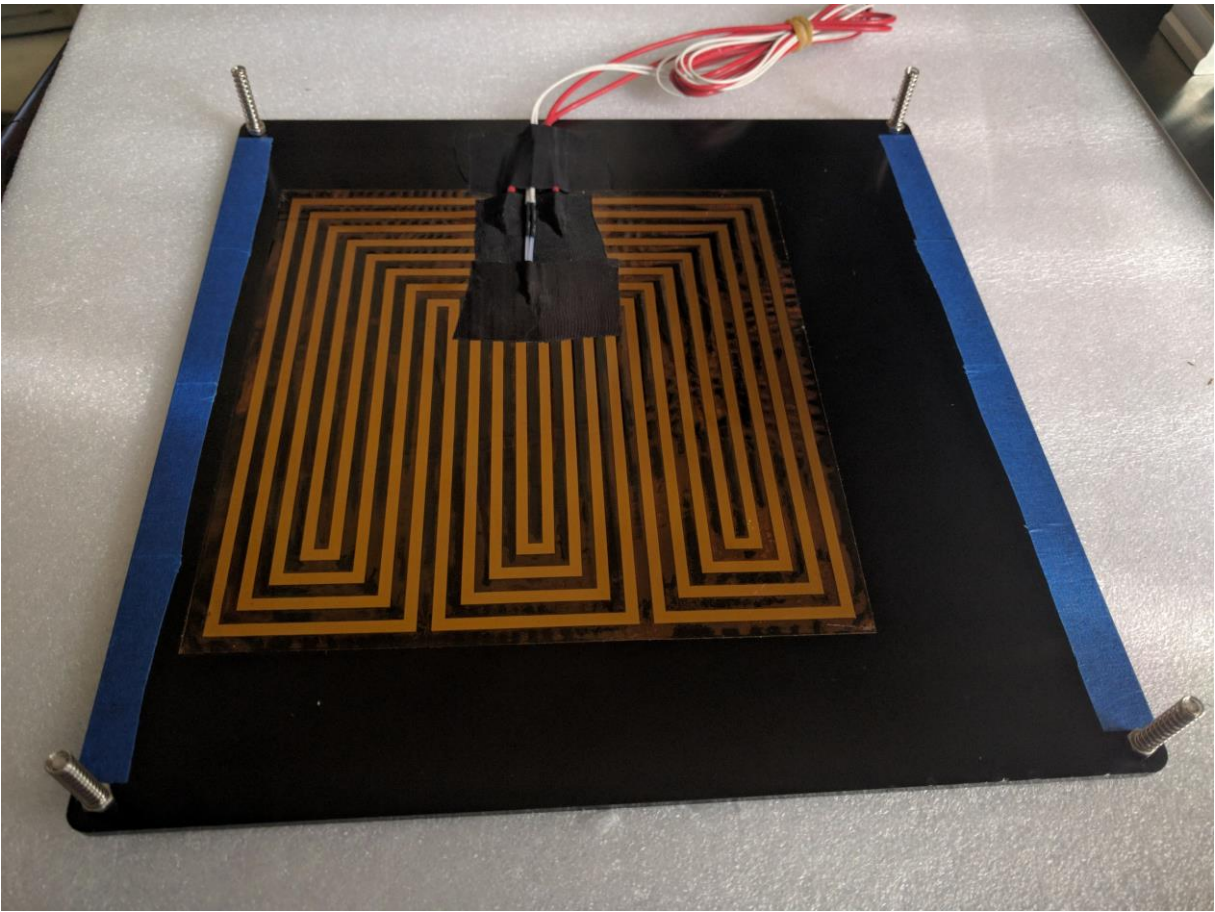
Assembled when shipped



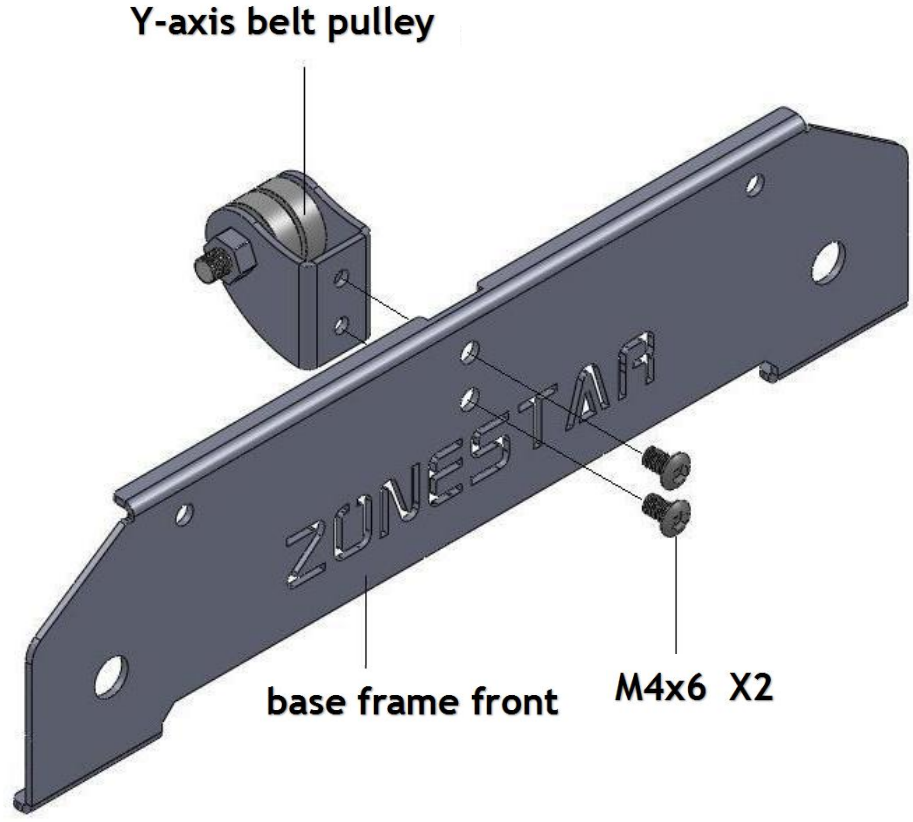
● Assemble extruder

Assembled when shipped



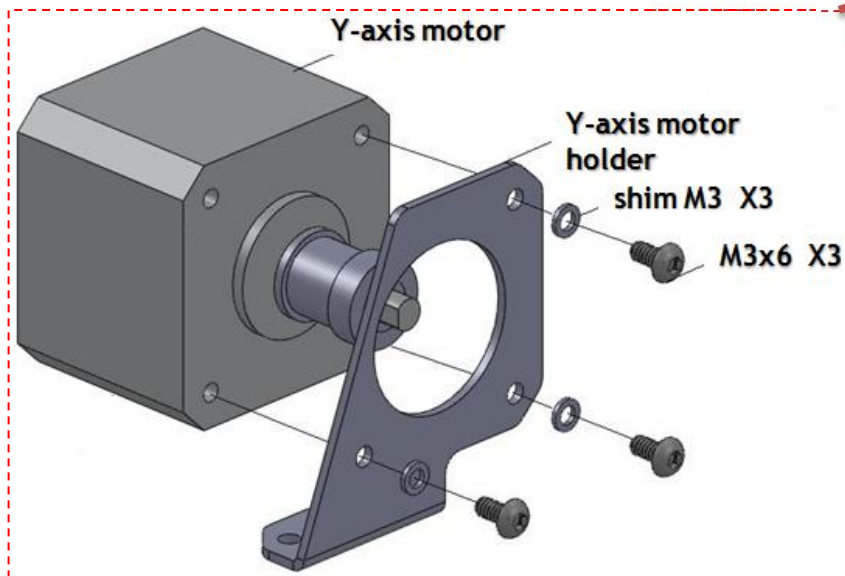
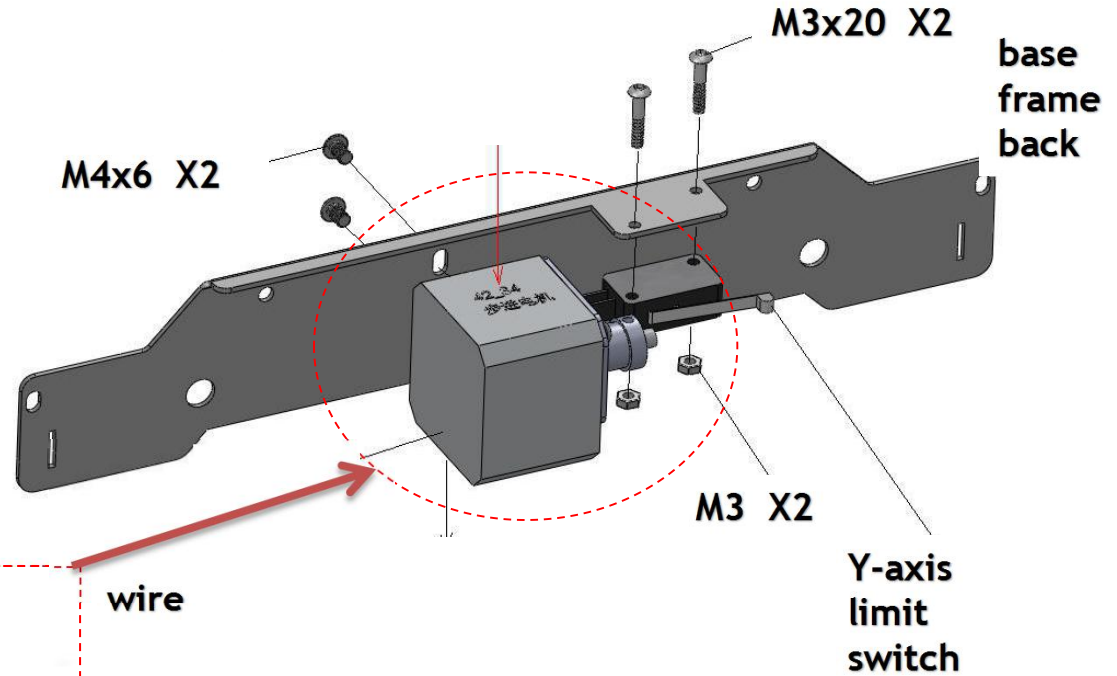


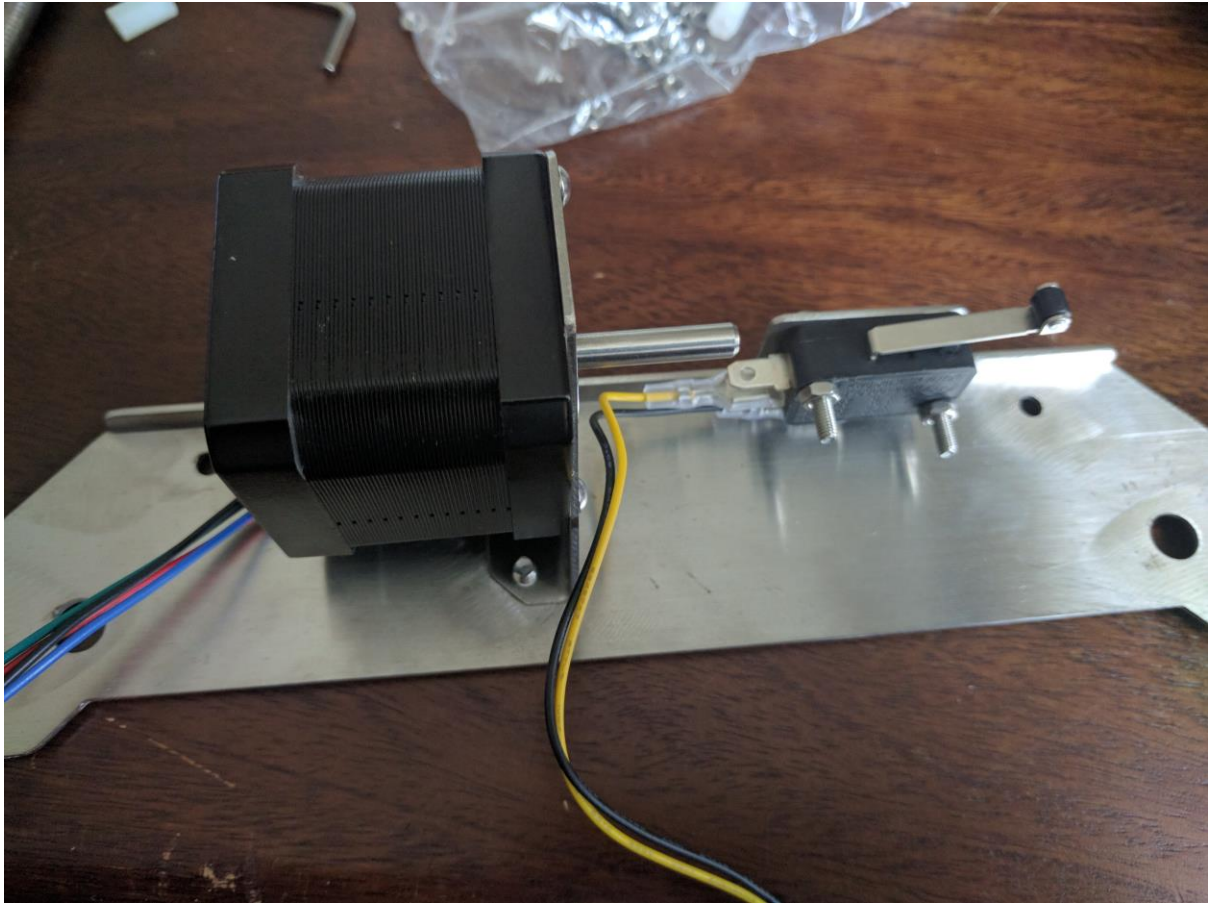
●Step 1: Assemble base frame front



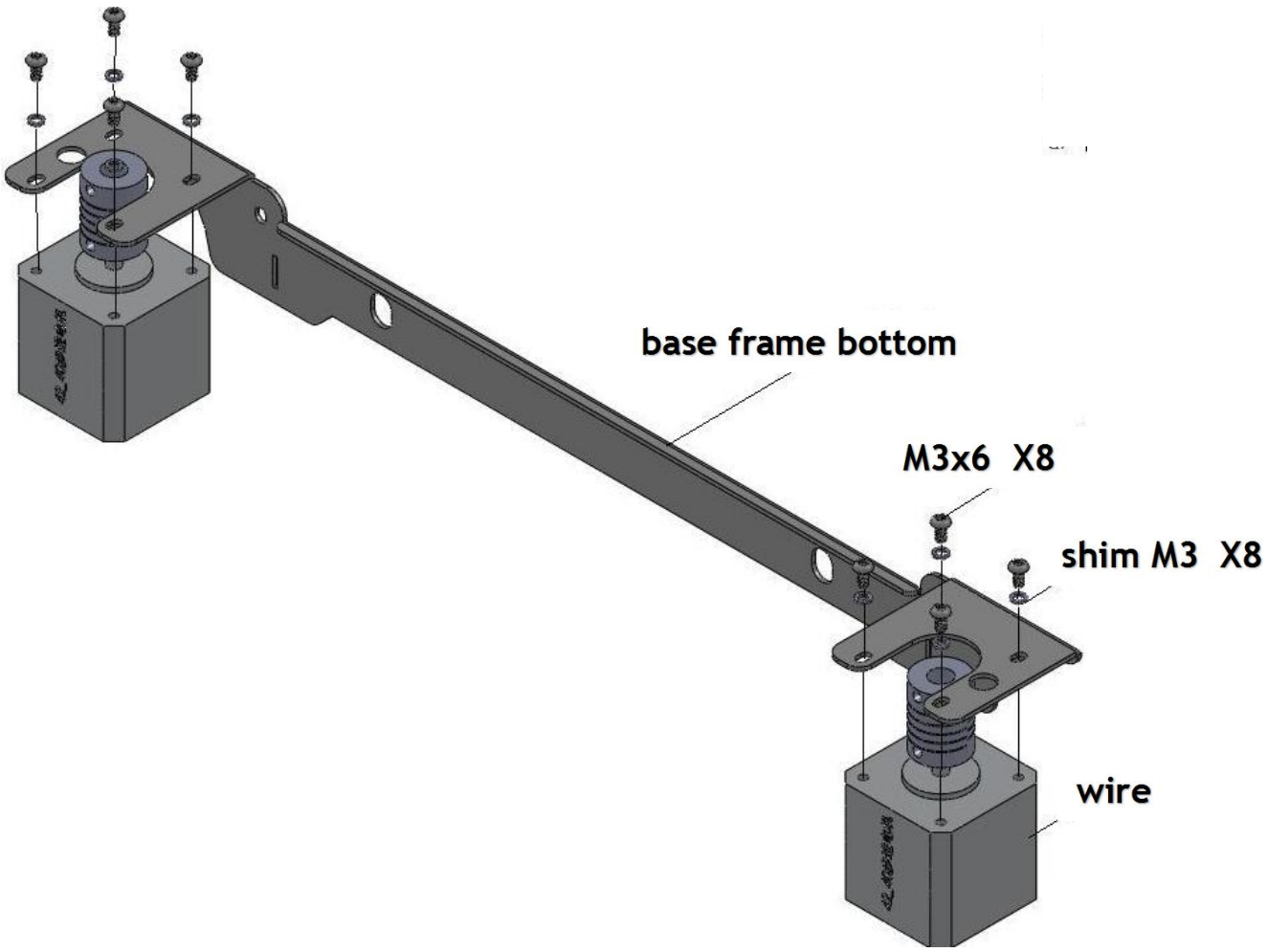
●Step 2: Assemble base frame back

Notice:the lower position of the motor,the better.



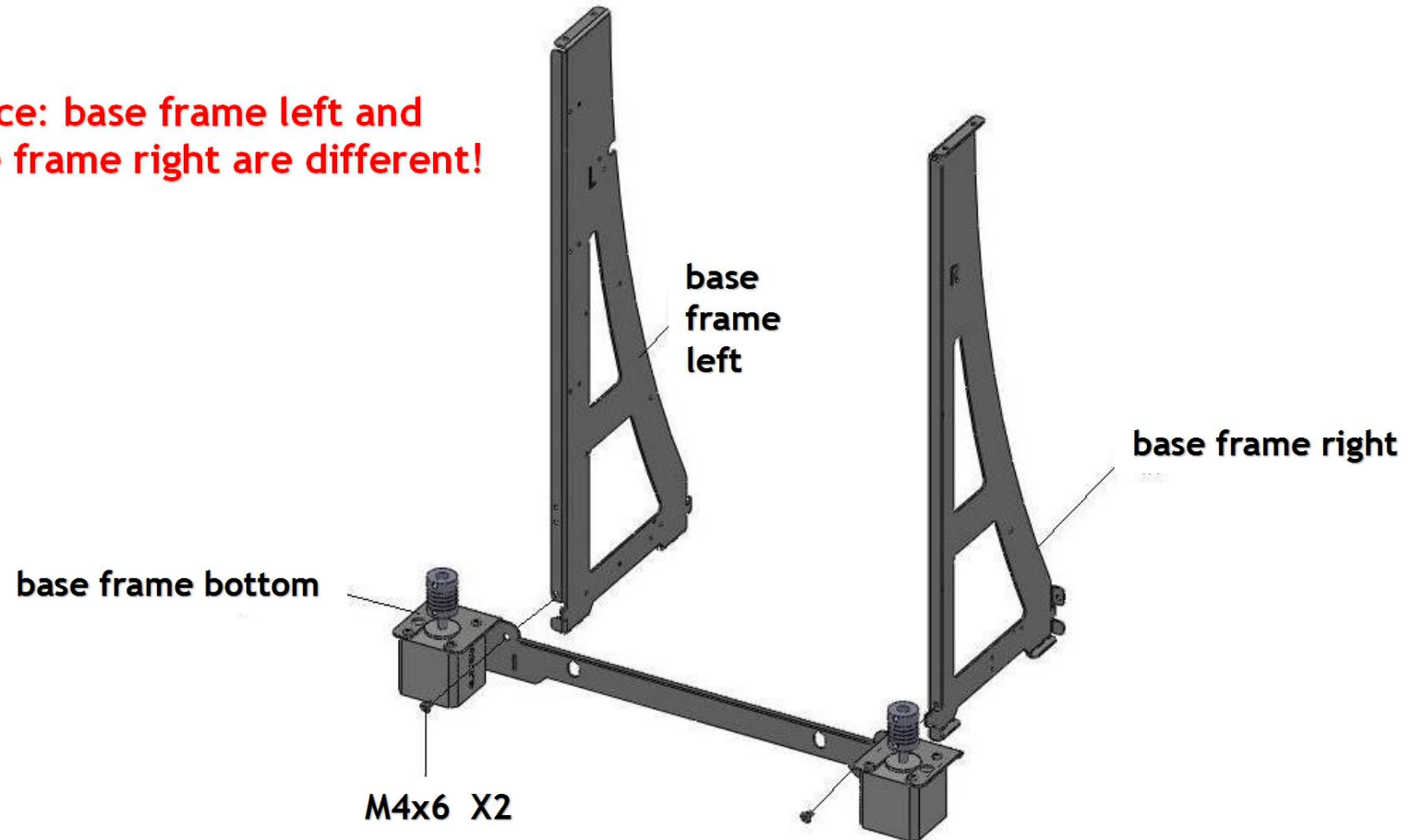


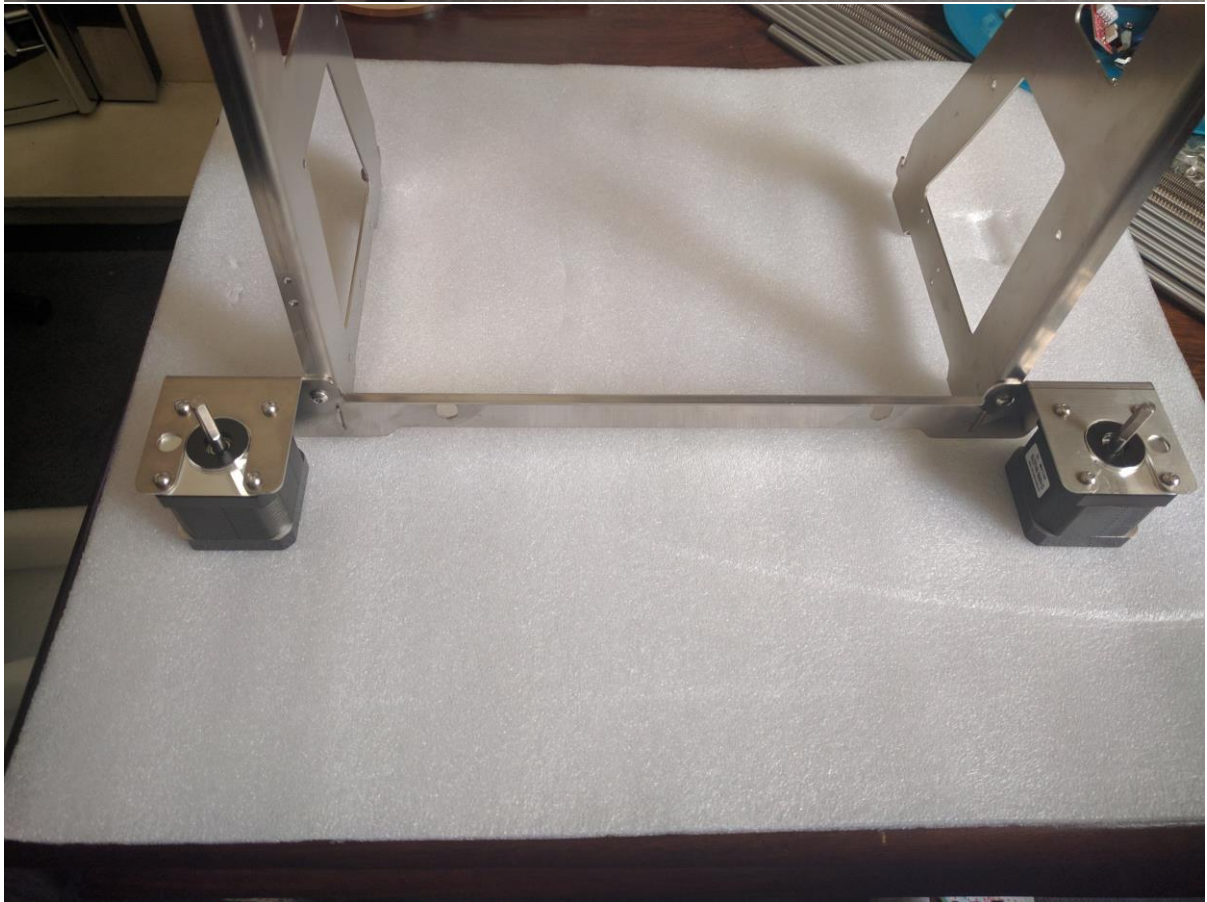
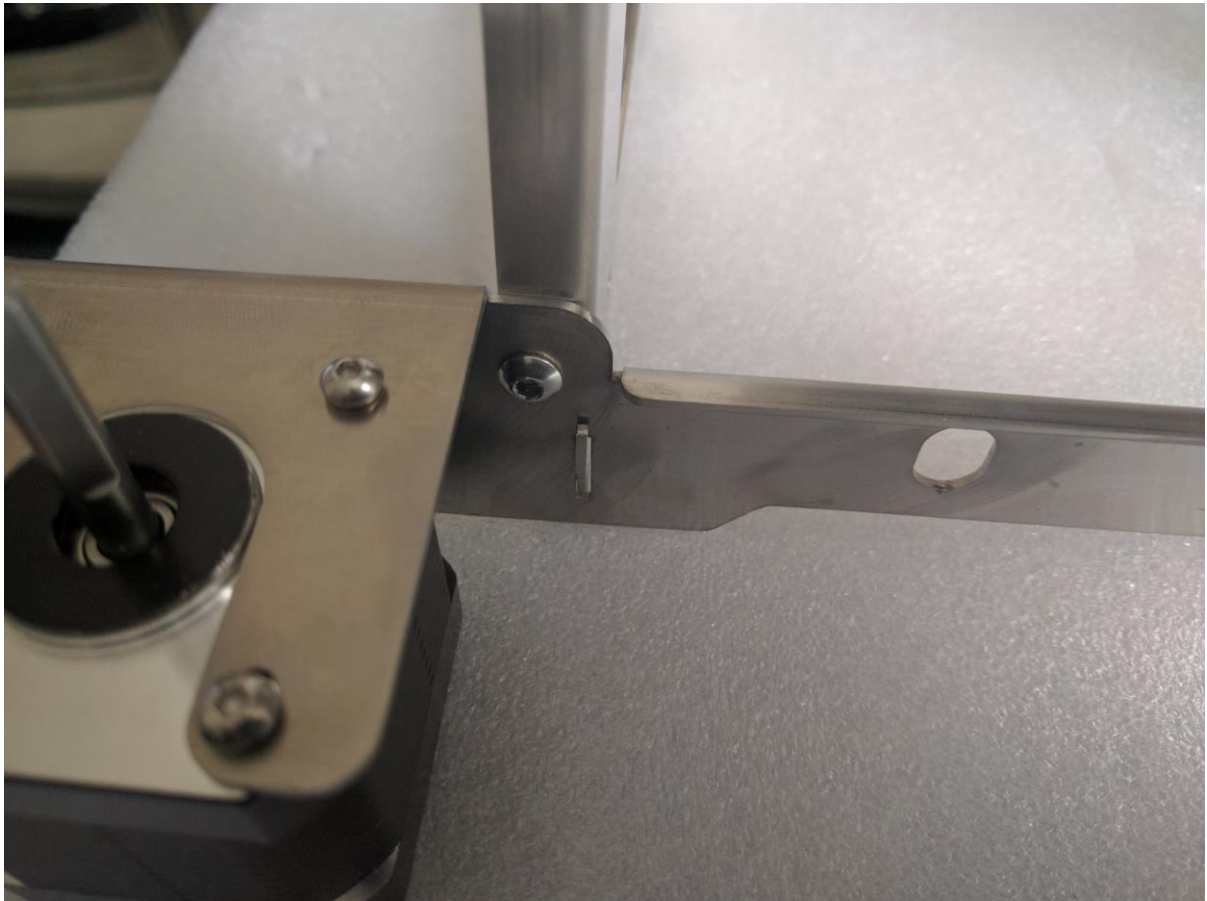
●Step 3: Assemble base frame bottom



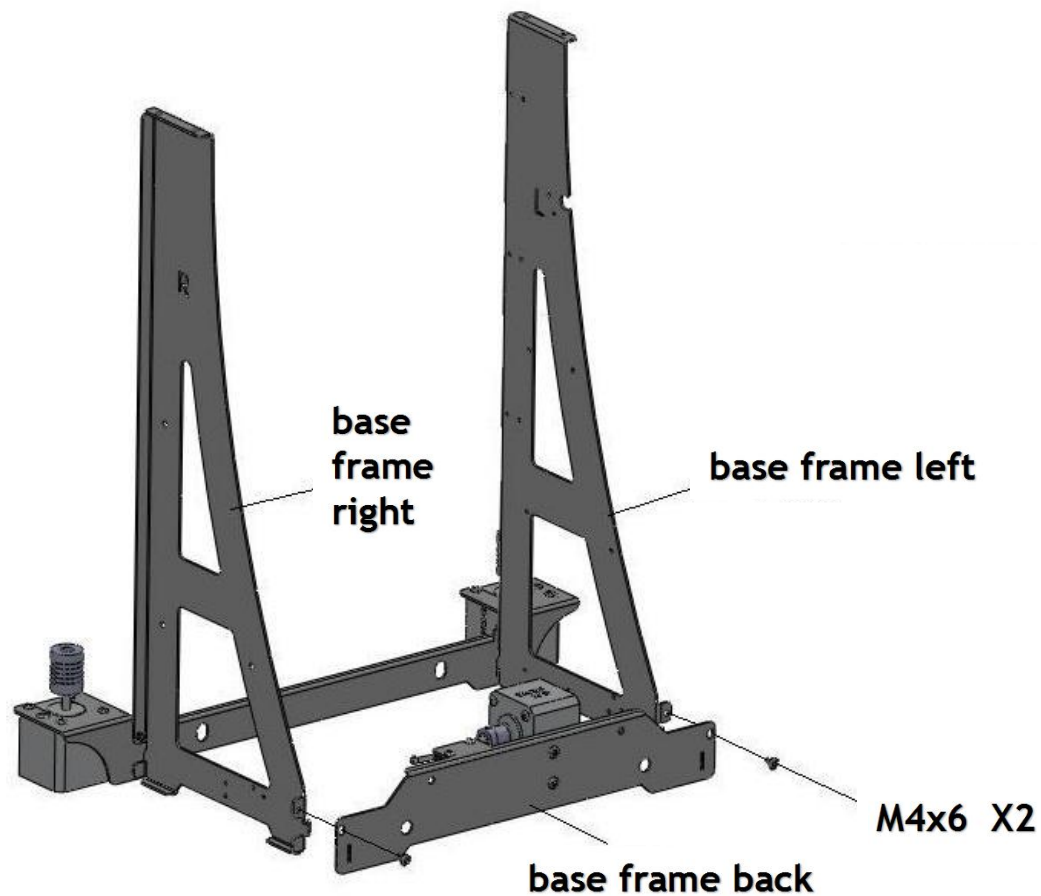
●Step 4: Assemble base frame left & right

Notice: base frame left and base frame right are different!

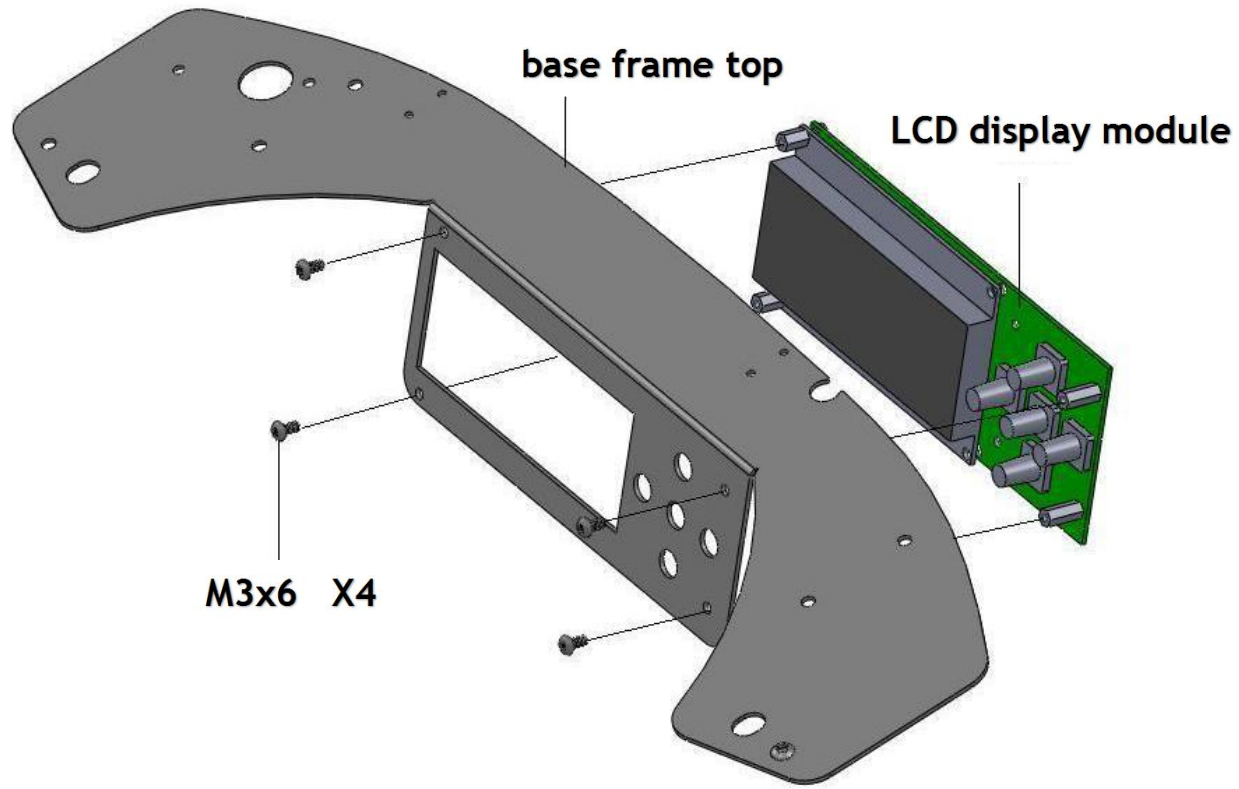




● Step 5: Assemble base frame back

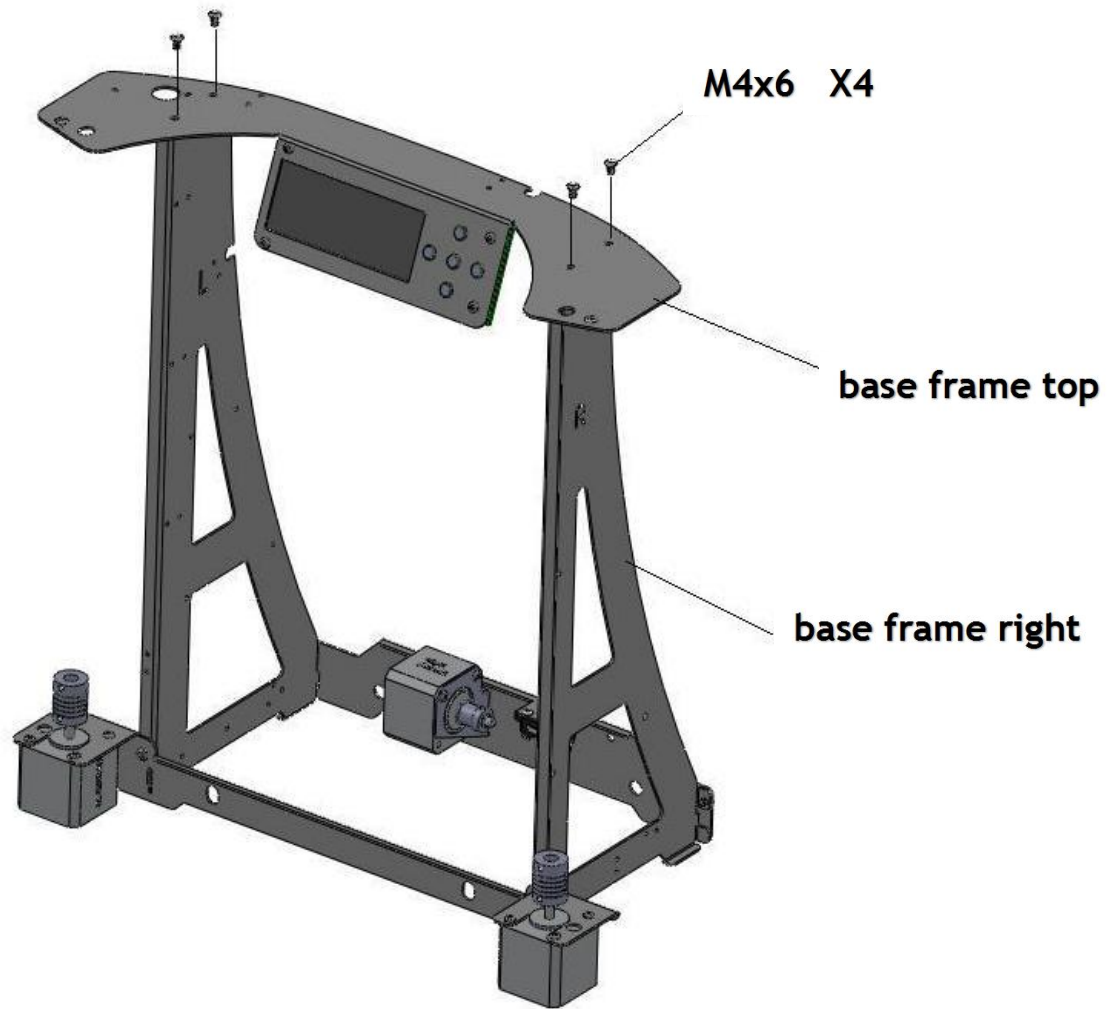


● Step 6: Assemble LCD display module

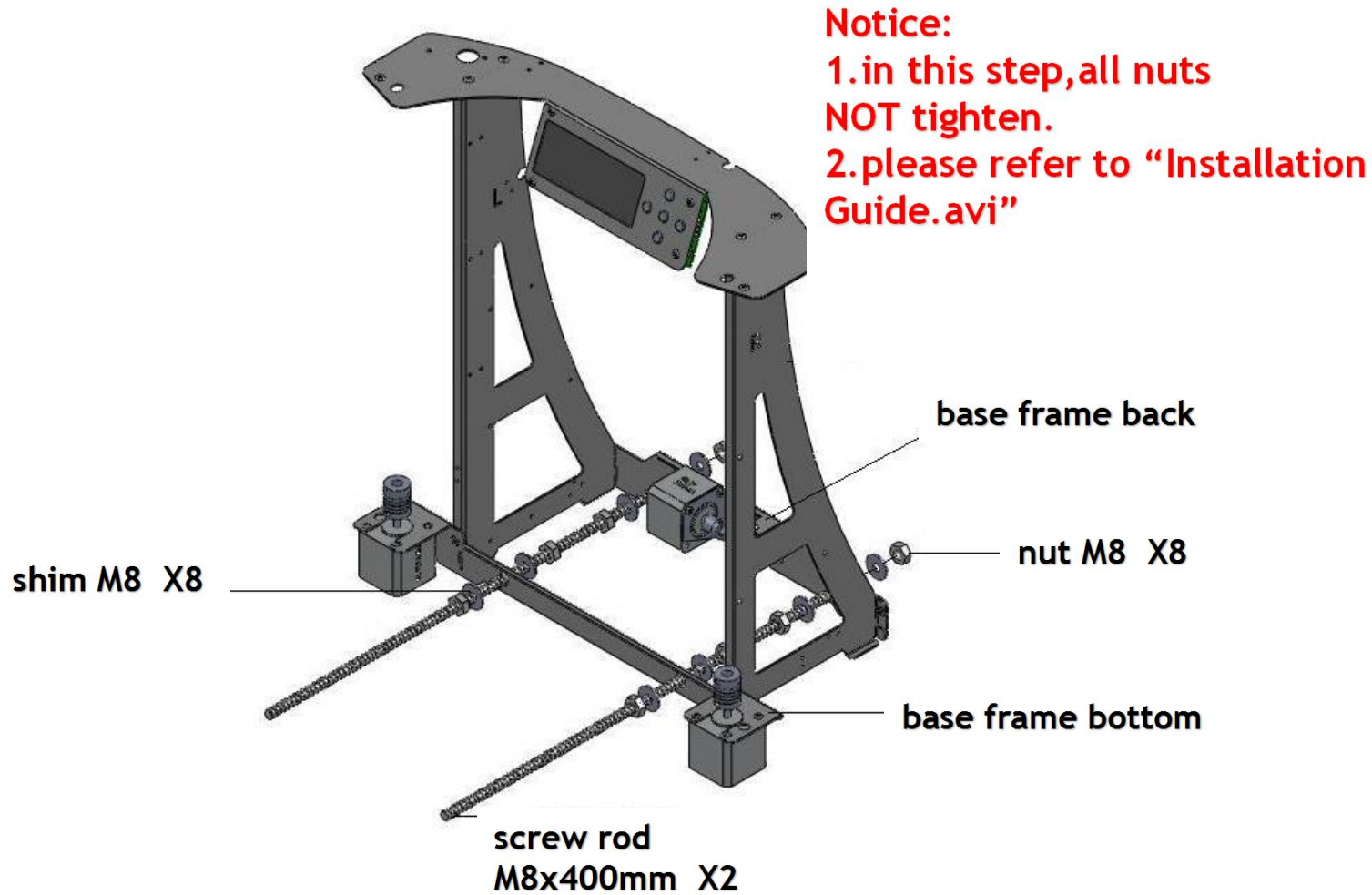




● Step 7: Assemble base frame top

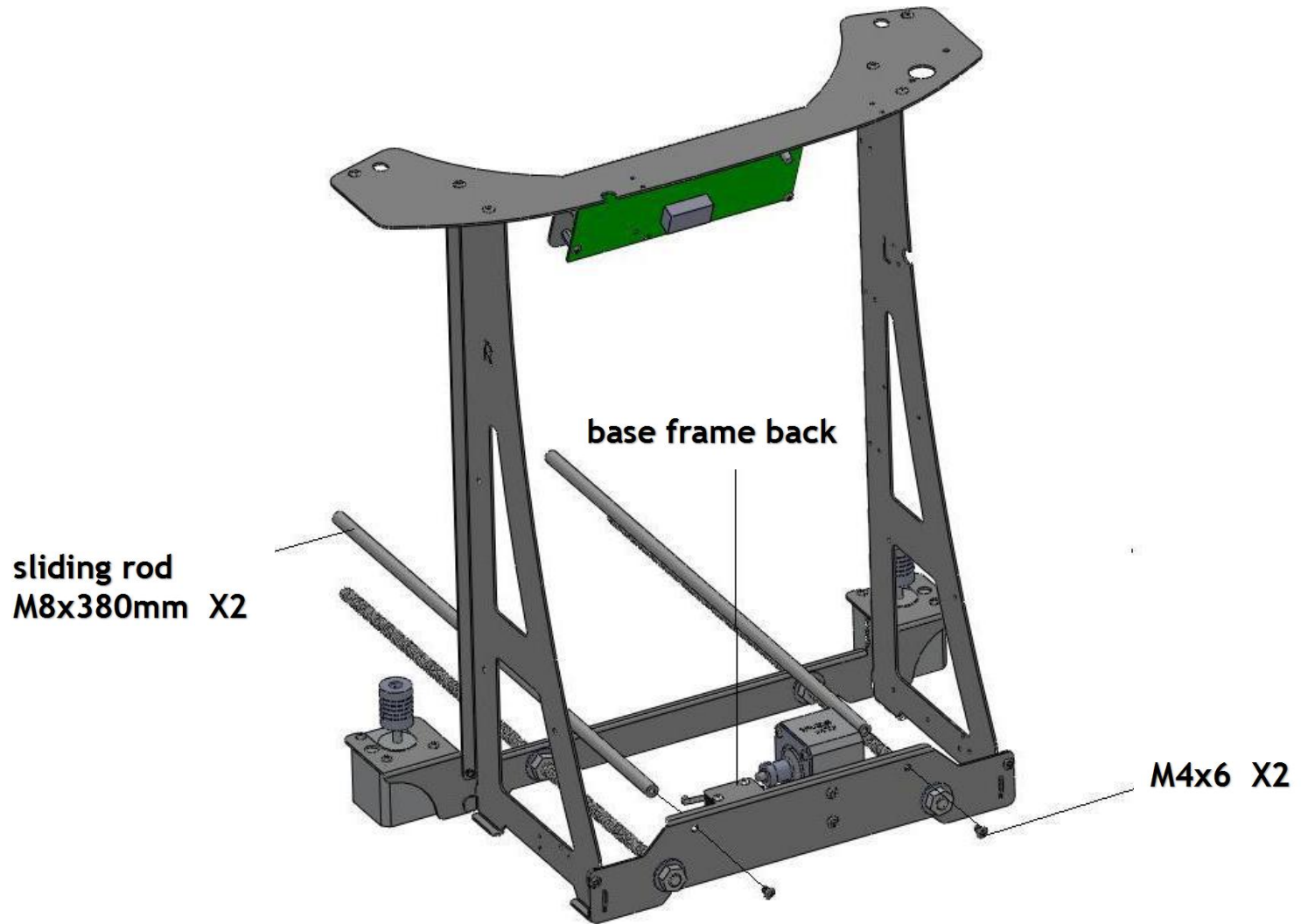


●Step 8: Assemble Y-axis screw rod

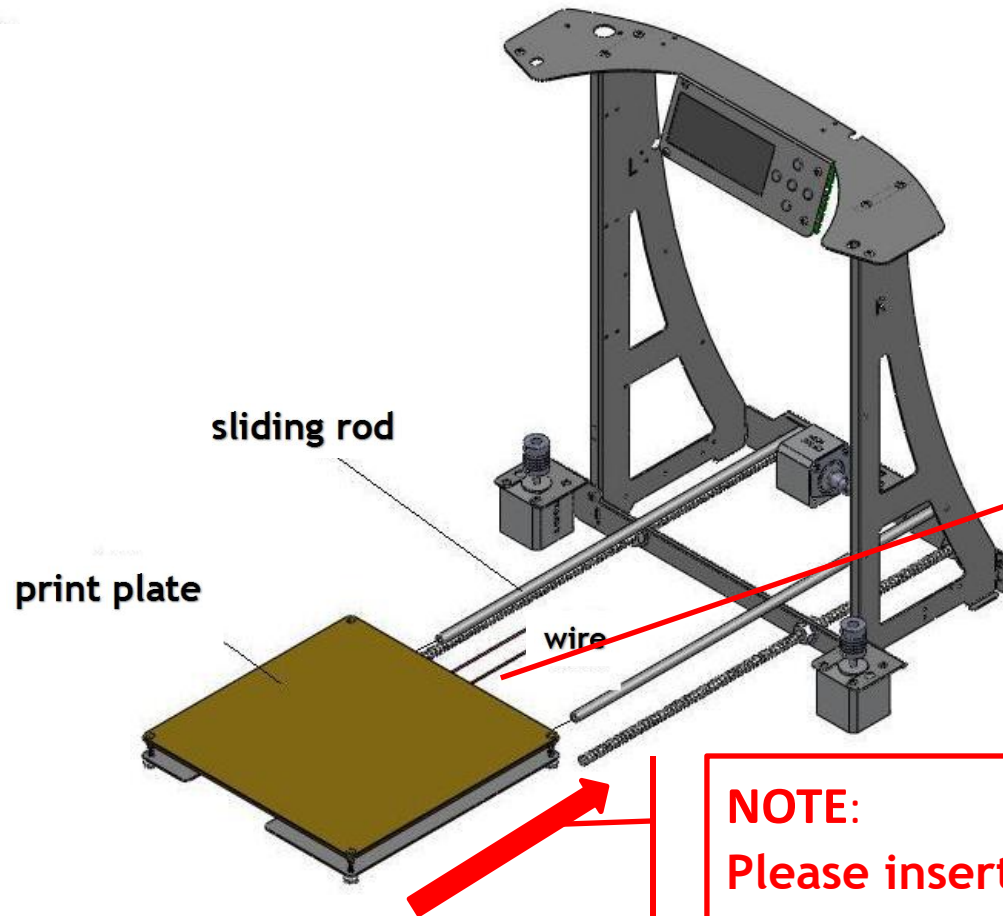




● Step 9: Assemble Y-axis sliding rod



●Step 10: Assemble print plate



NOTE:

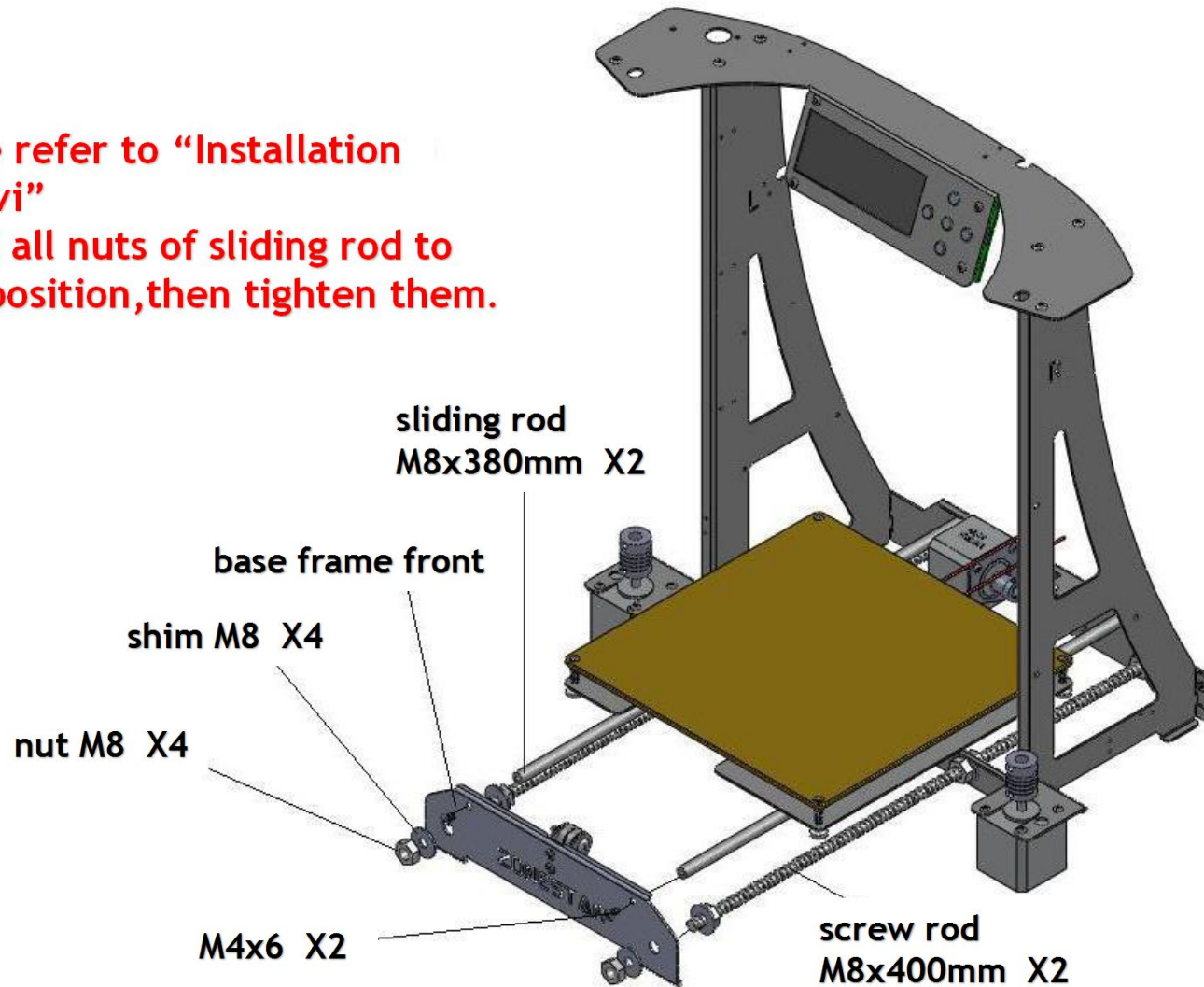
Please pay attention to the wire of bed. Use winding to wrap these wire, and donot let the electric wire touch the motor!!

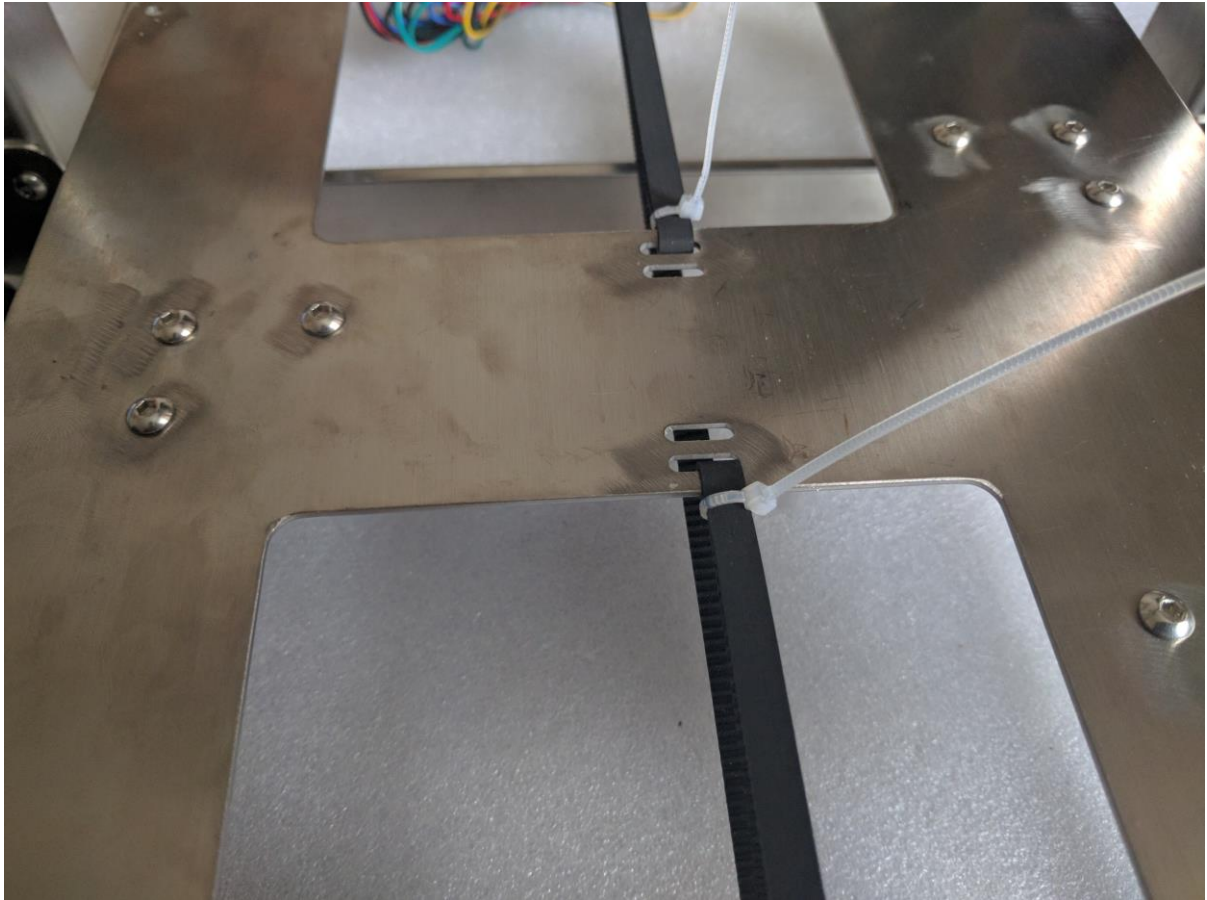
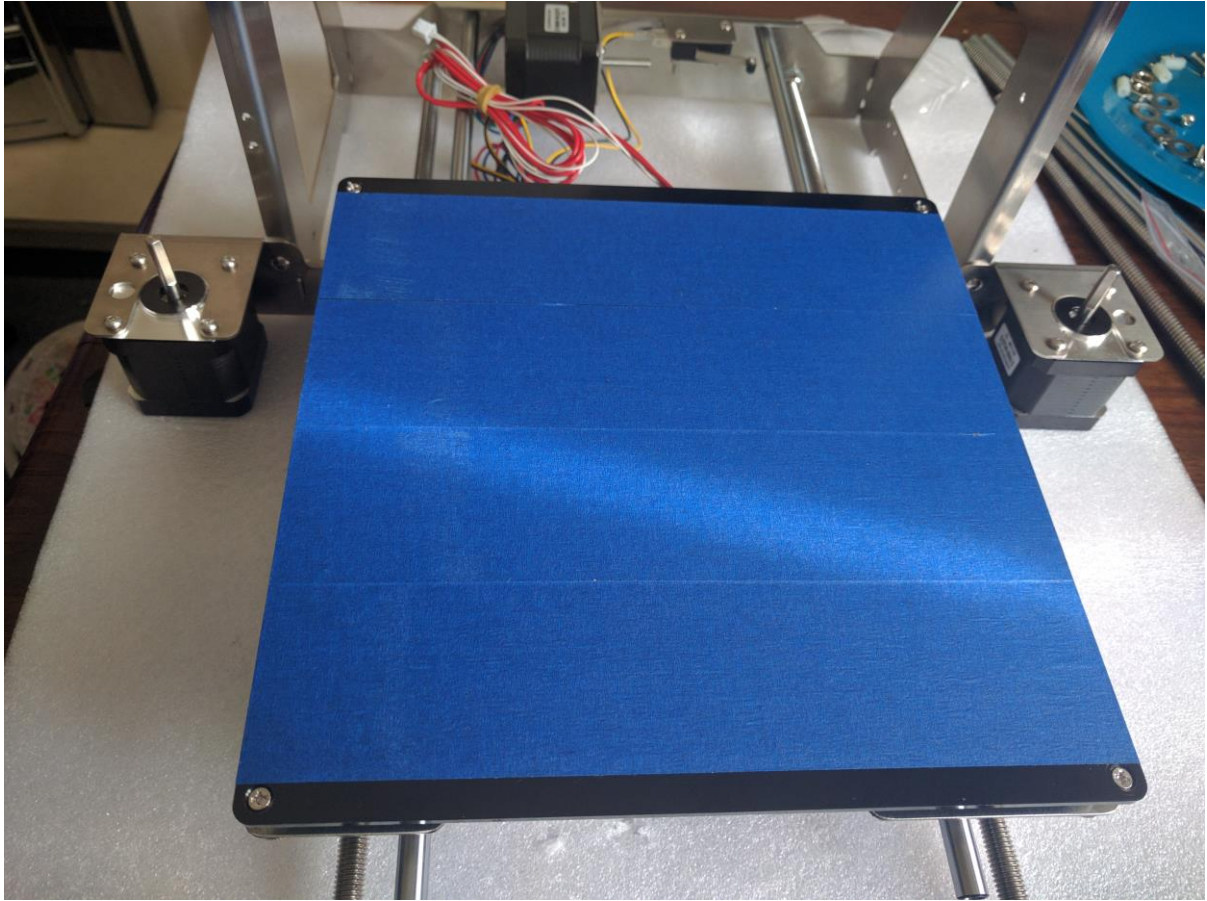
NOTE:

Please insert slowly and carefully to prevent damage to the linear bearings!!

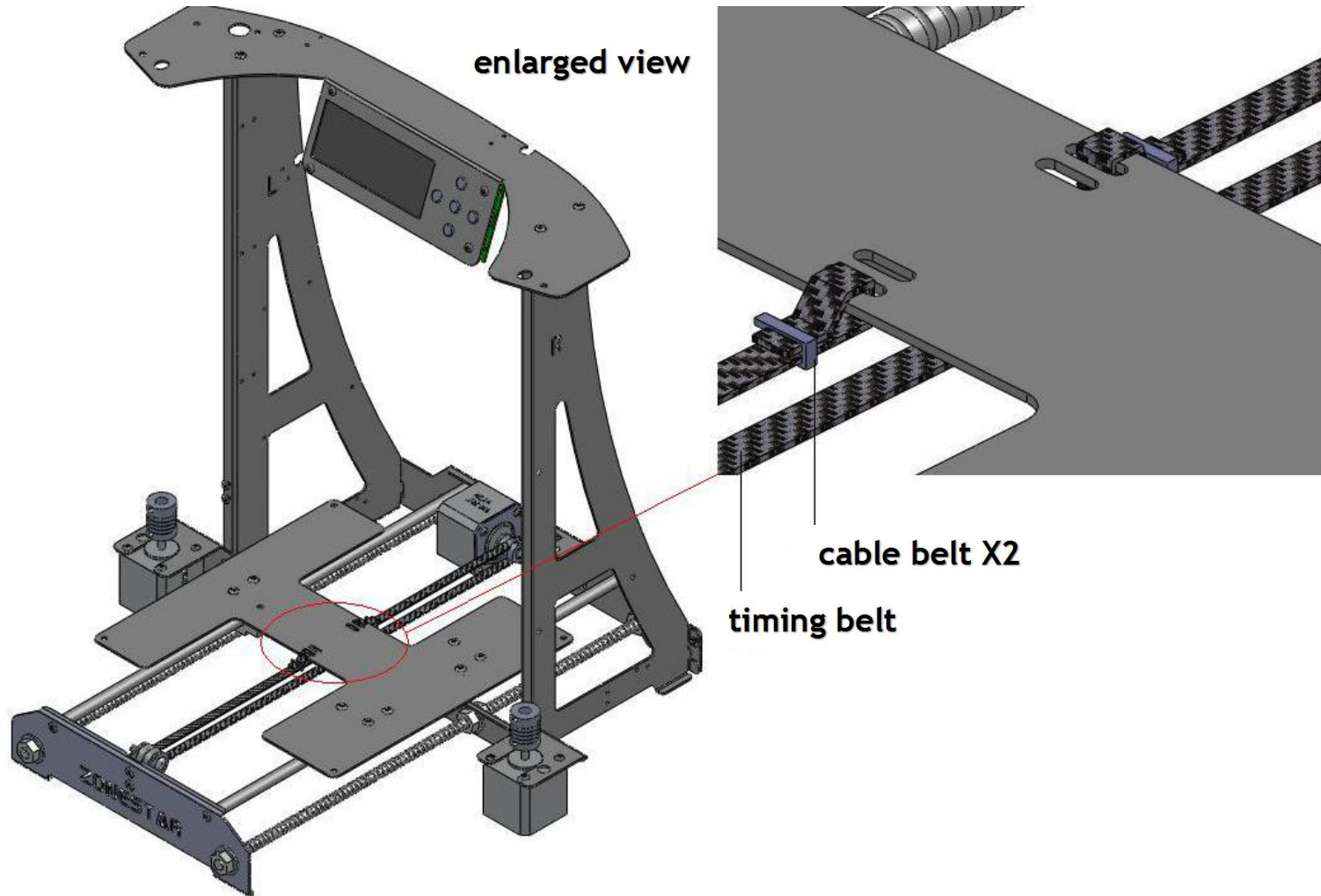
●Step 11: Assemble base frame front

1. please refer to “Installation Guide.avi”
2. adjust all nuts of sliding rod to proper position, then tighten them.

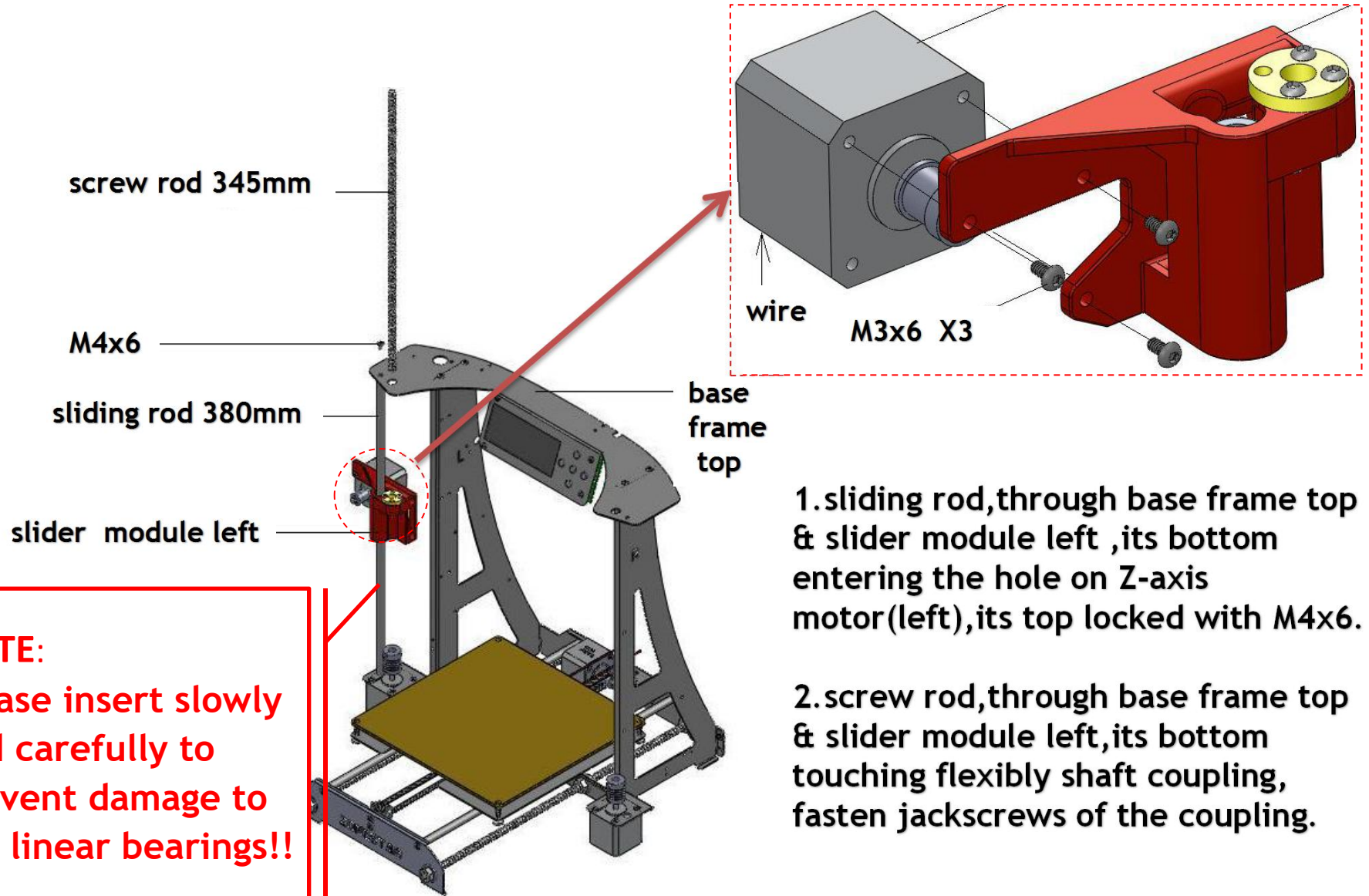




● Step 12: Assemble Y-axis timing belt



●Step 13: Assemble slider module left & rods



1. sliding rod, through base frame top & slider module left, its bottom entering the hole on Z-axis motor (left), its top locked with M4x6.

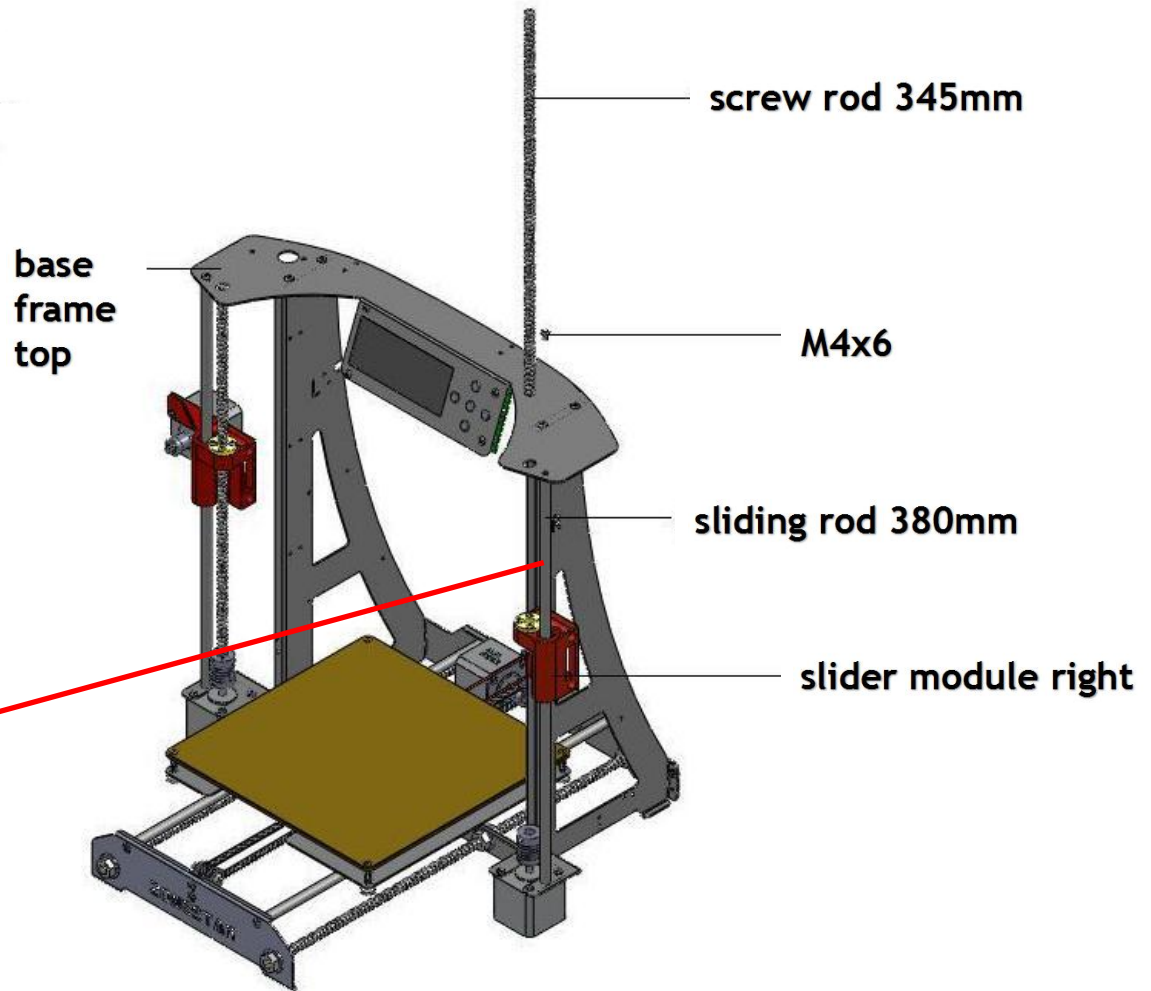
2. screw rod, through base frame top & slider module left, its bottom touching flexibly shaft coupling, fasten jackscrews of the coupling.

NOTE:
Please insert slowly and carefully to prevent damage to the linear bearings!!

●Step 14: Assemble slider module right & rods

1. sliding rod, through base frame top & slider module right, its bottom entering the hole on Z-axis motor(right), its top locked with M4x6.

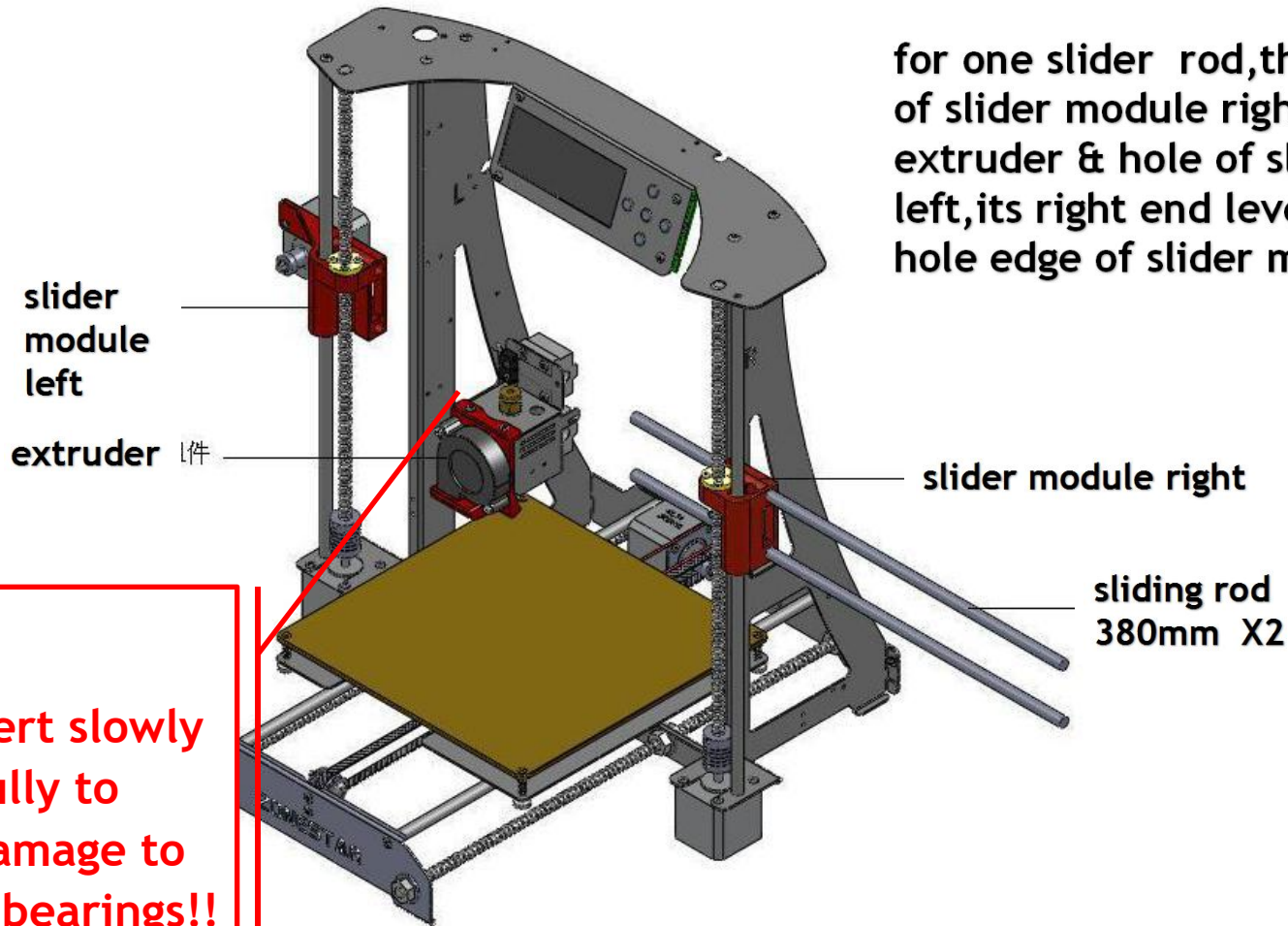
2. screw rod, through base frame top & slider module right, its bottom touching flexibly shaft coupling, fasten jackscrews of the coupling.



NOTE:

Please insert slowly and carefully to prevent damage to the linear bearings!!

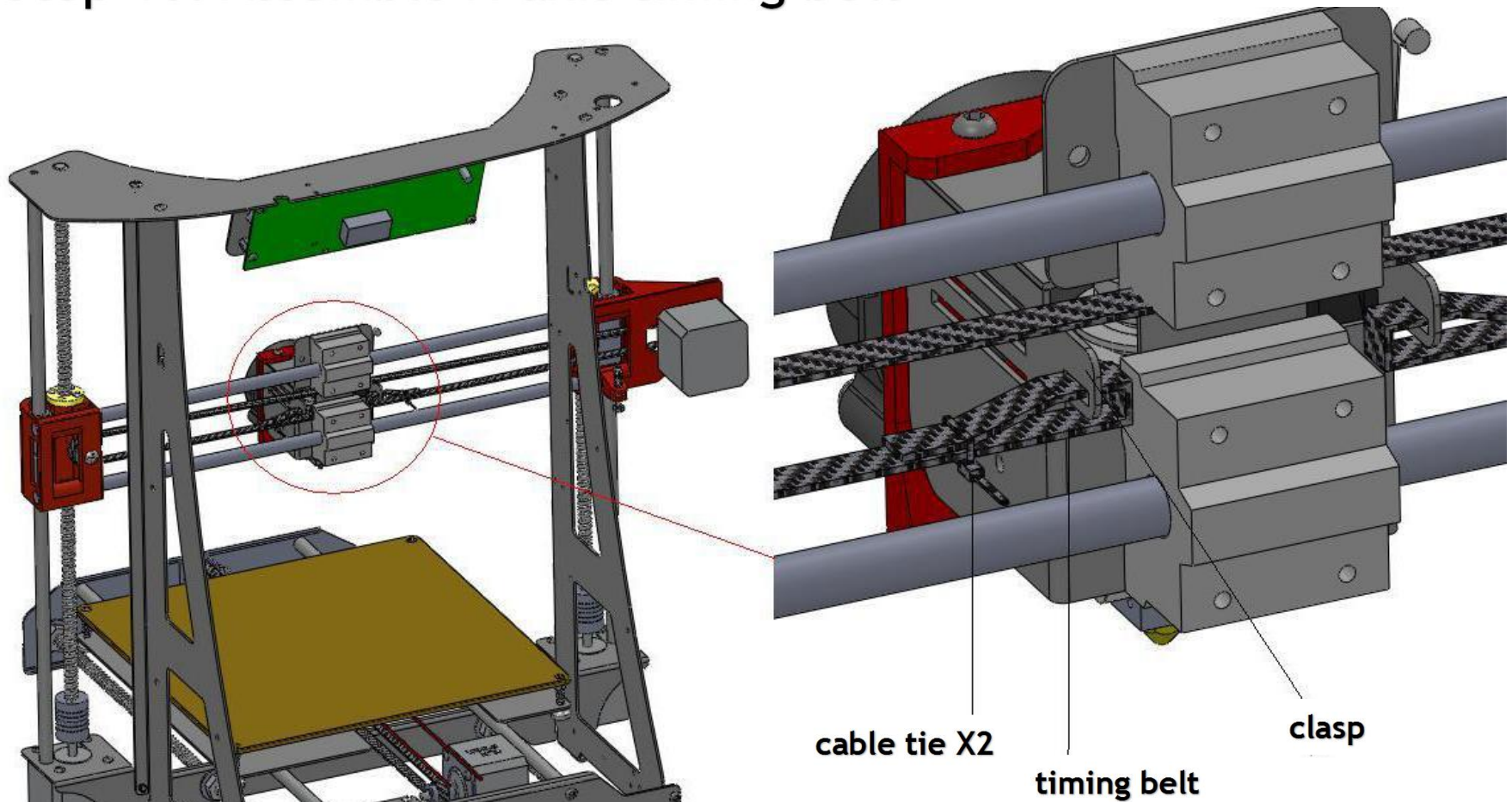
●Step 15: Assemble X-axis sliding rod & extruder



for one slider rod, through hole of slider module right & hole of extruder & hole of slider module left, its right end leveled with hole edge of slider module right.

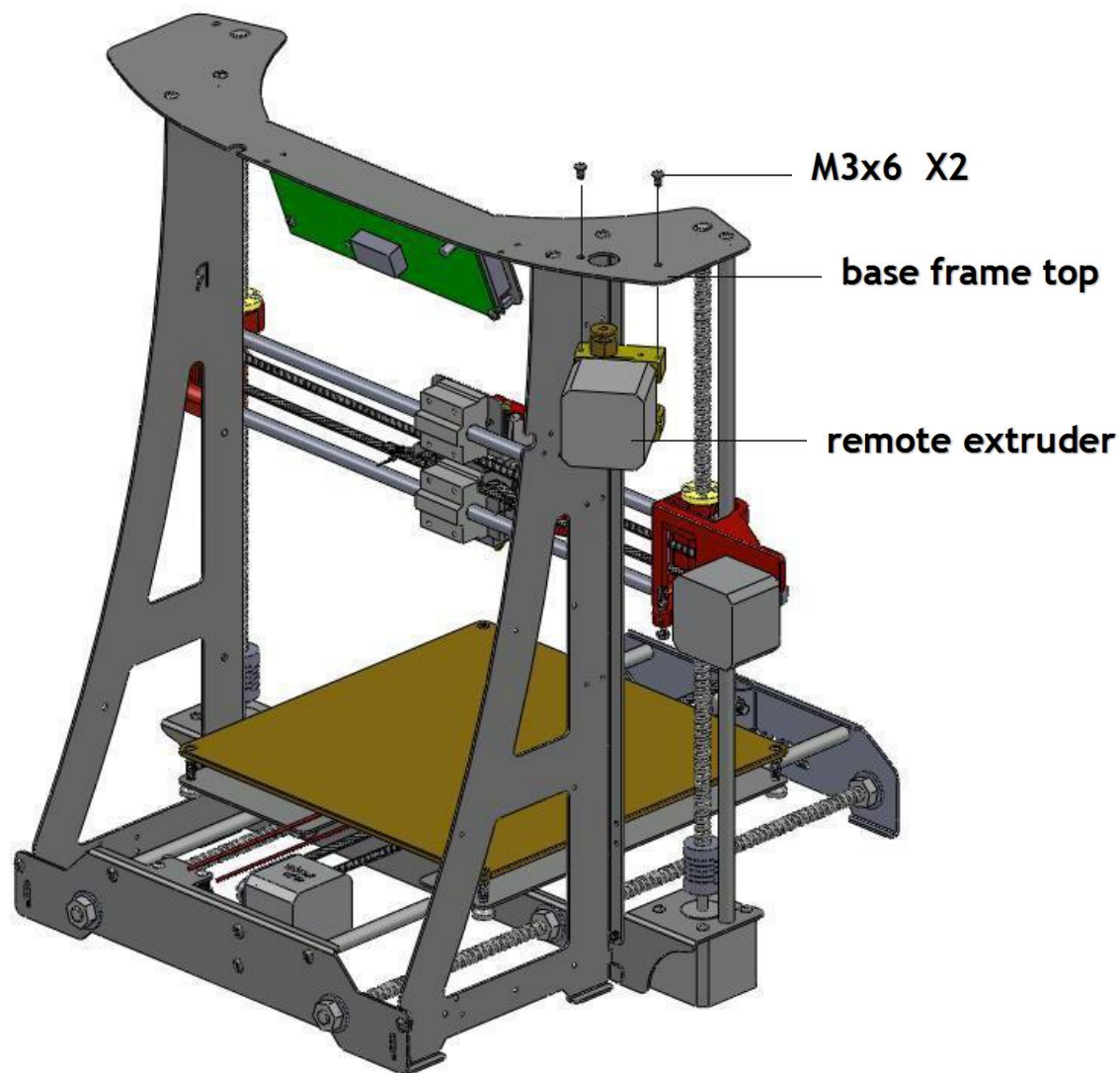
NOTE:
Please insert slowly and carefully to prevent damage to the linear bearings!!

● Step 16: Assemble X-axis timing belt

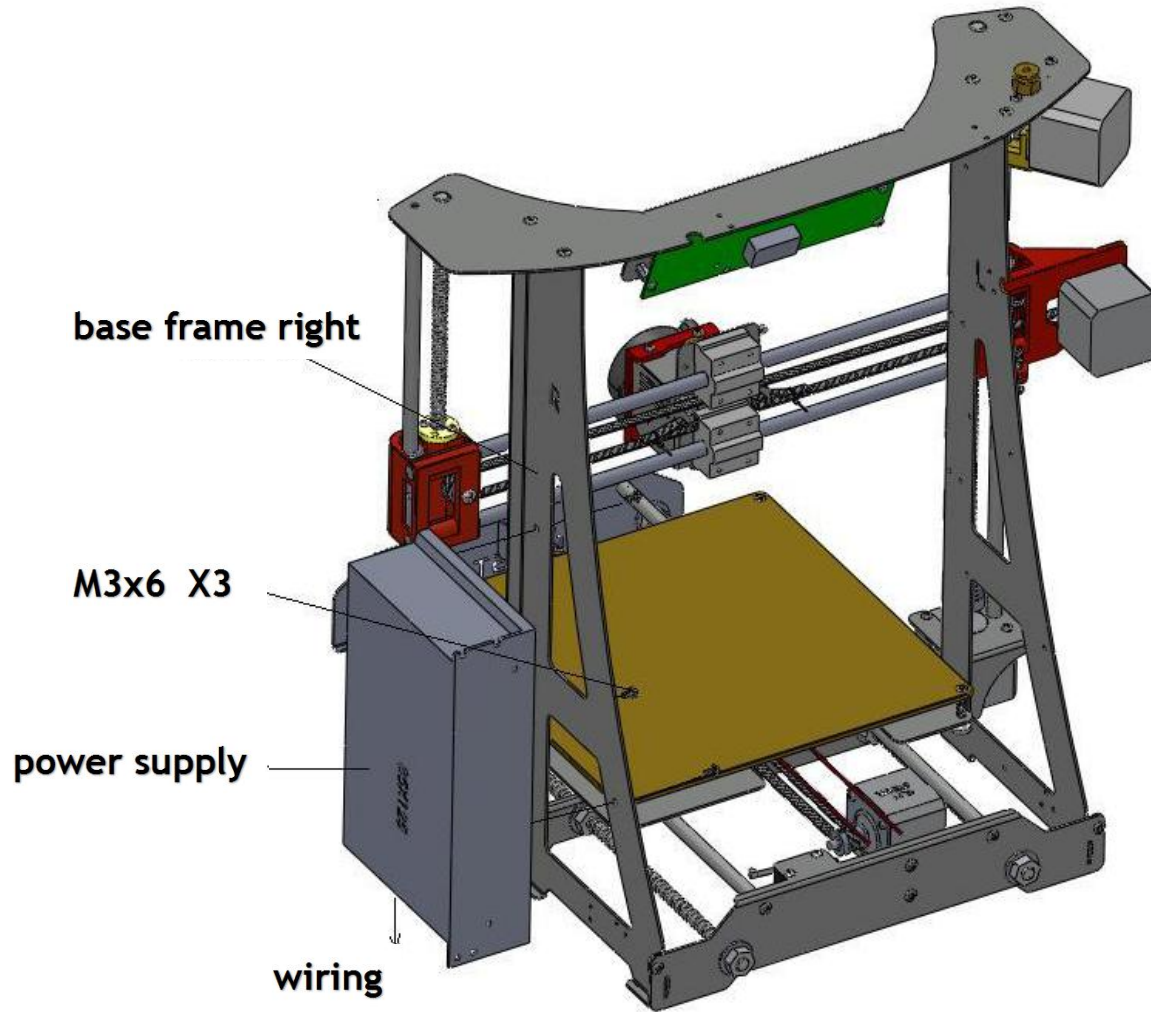


the timing belt, one end fixed on one clasp by cable tie, through pulley of slider module left and ball bearing of slider module right, then fixed on the other clasp by cable tie.

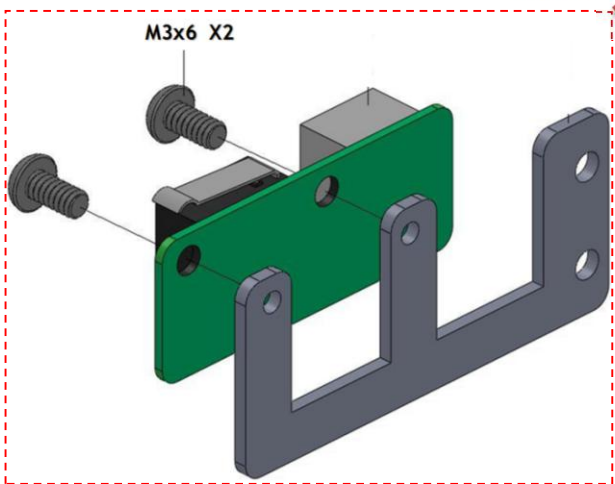
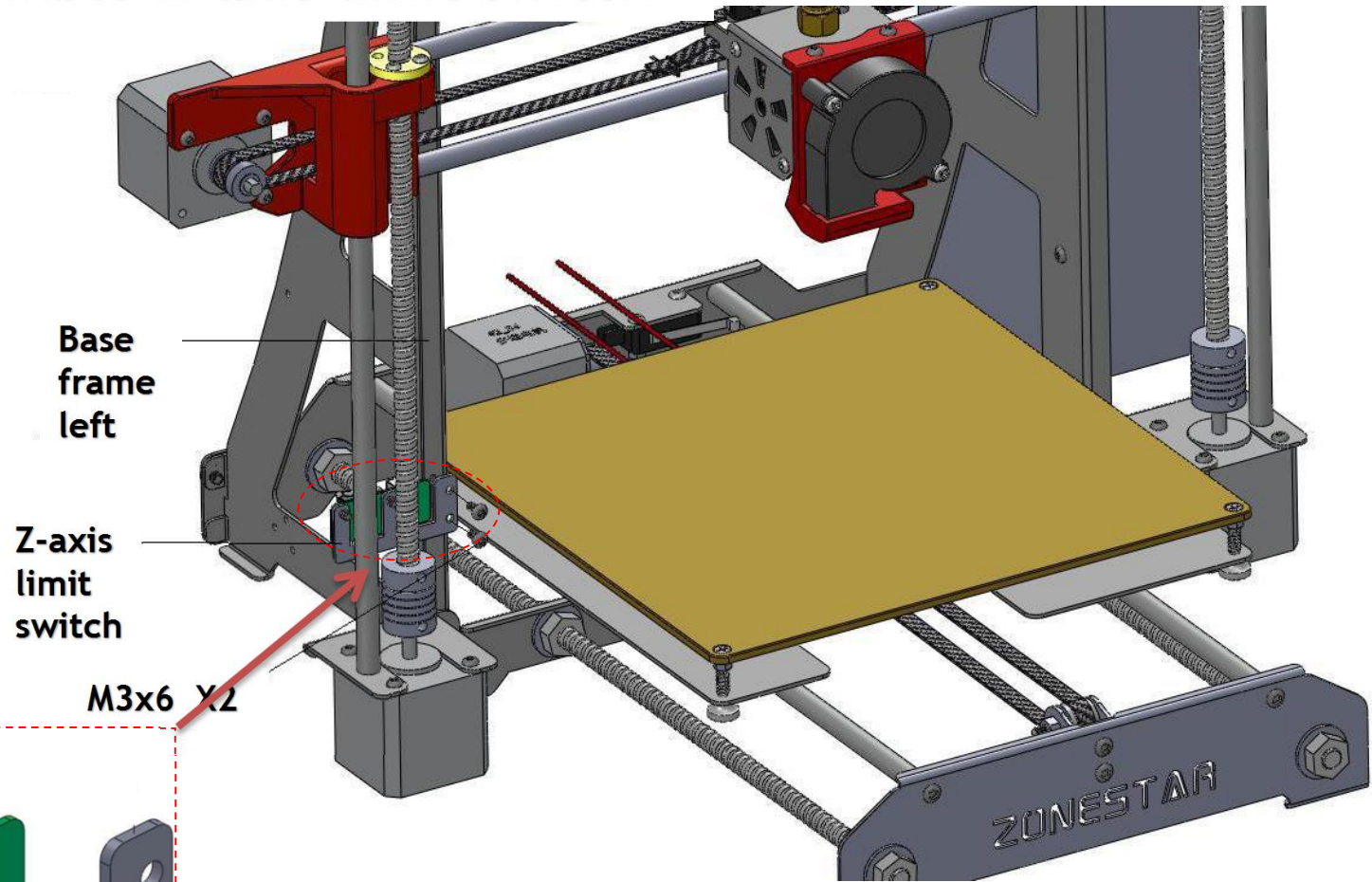
● Step 17: Assemble remote extruder



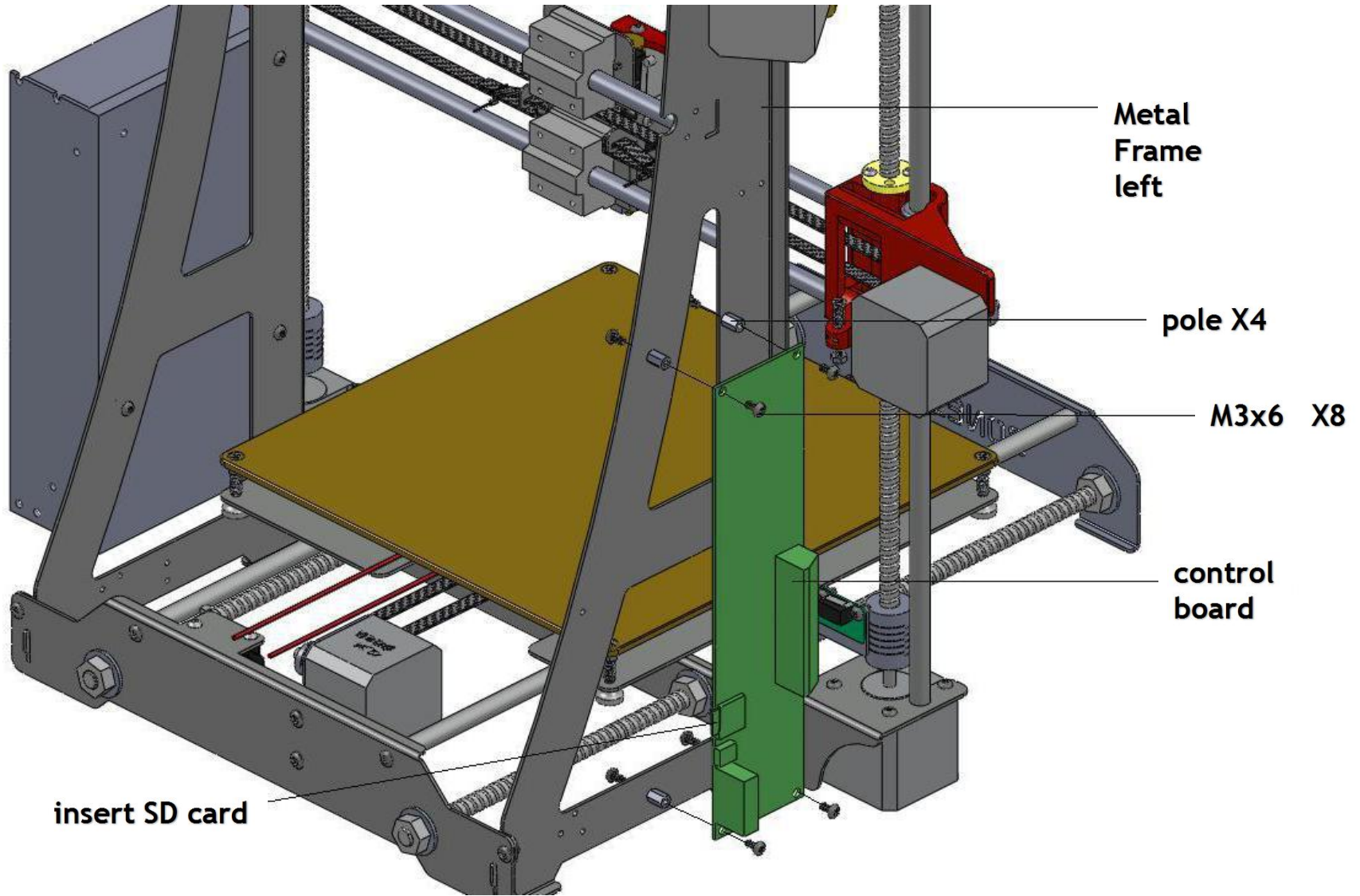
● Step 18: Assemble power supply



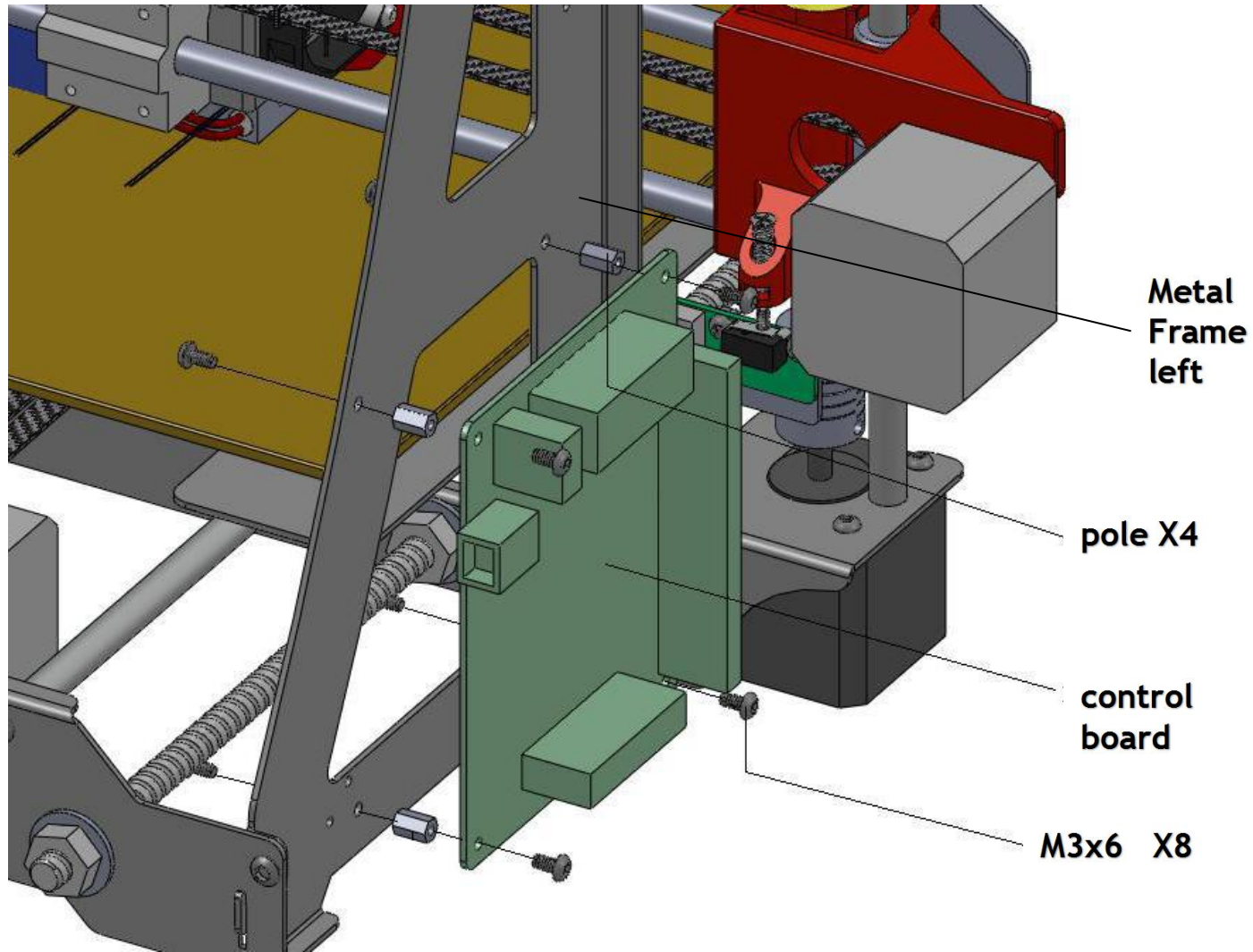
● Step 19: Assemble Z-axis limit switch



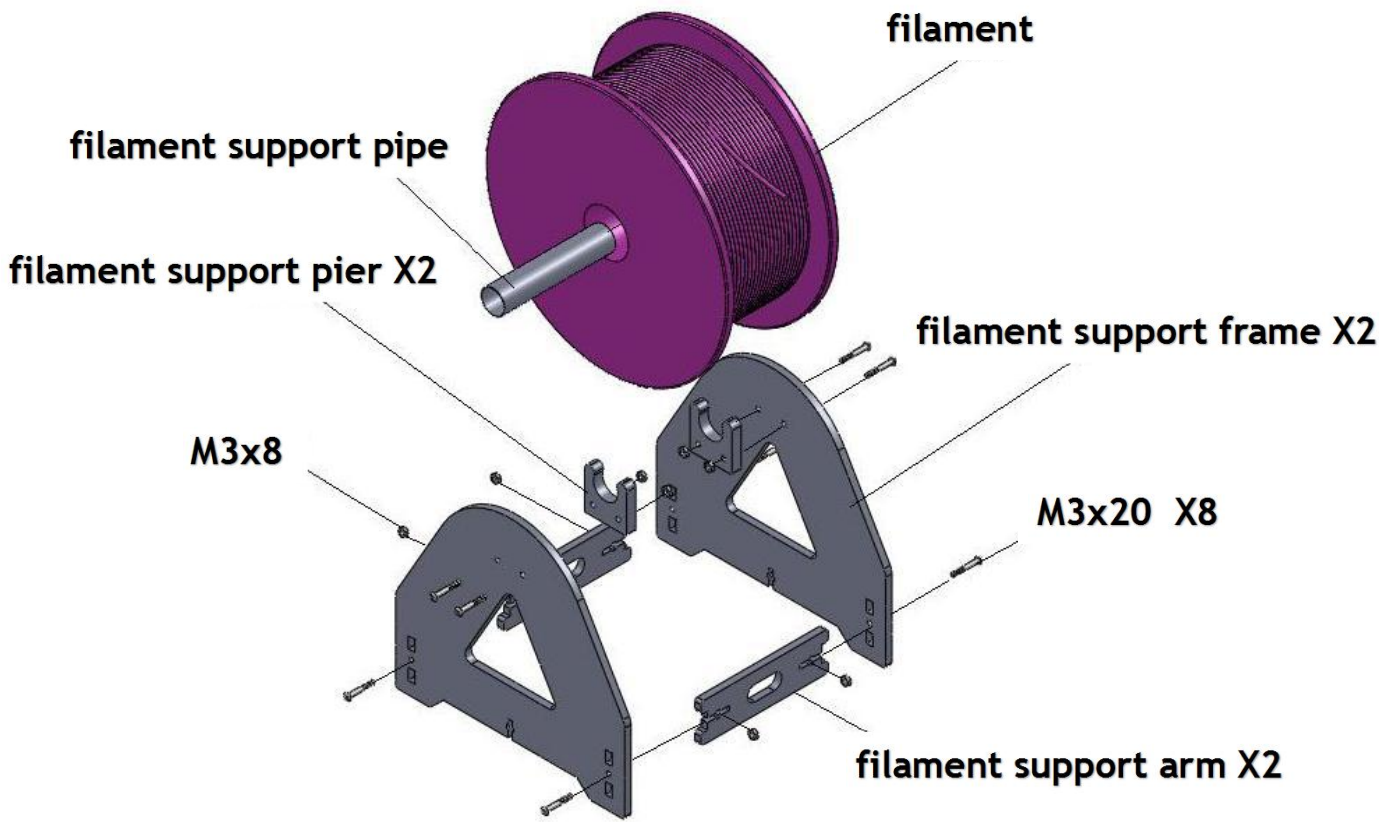
●Step 20: Assemble control board(Melzi board)



●Step 20: Assemble control board(ZRIB board)



●Step 21: Assemble filament support



Know your printer

LCD and Keypad

Must use Winding tie up

X-Limit switch

Cooler Fan

X-Motor

Control Board

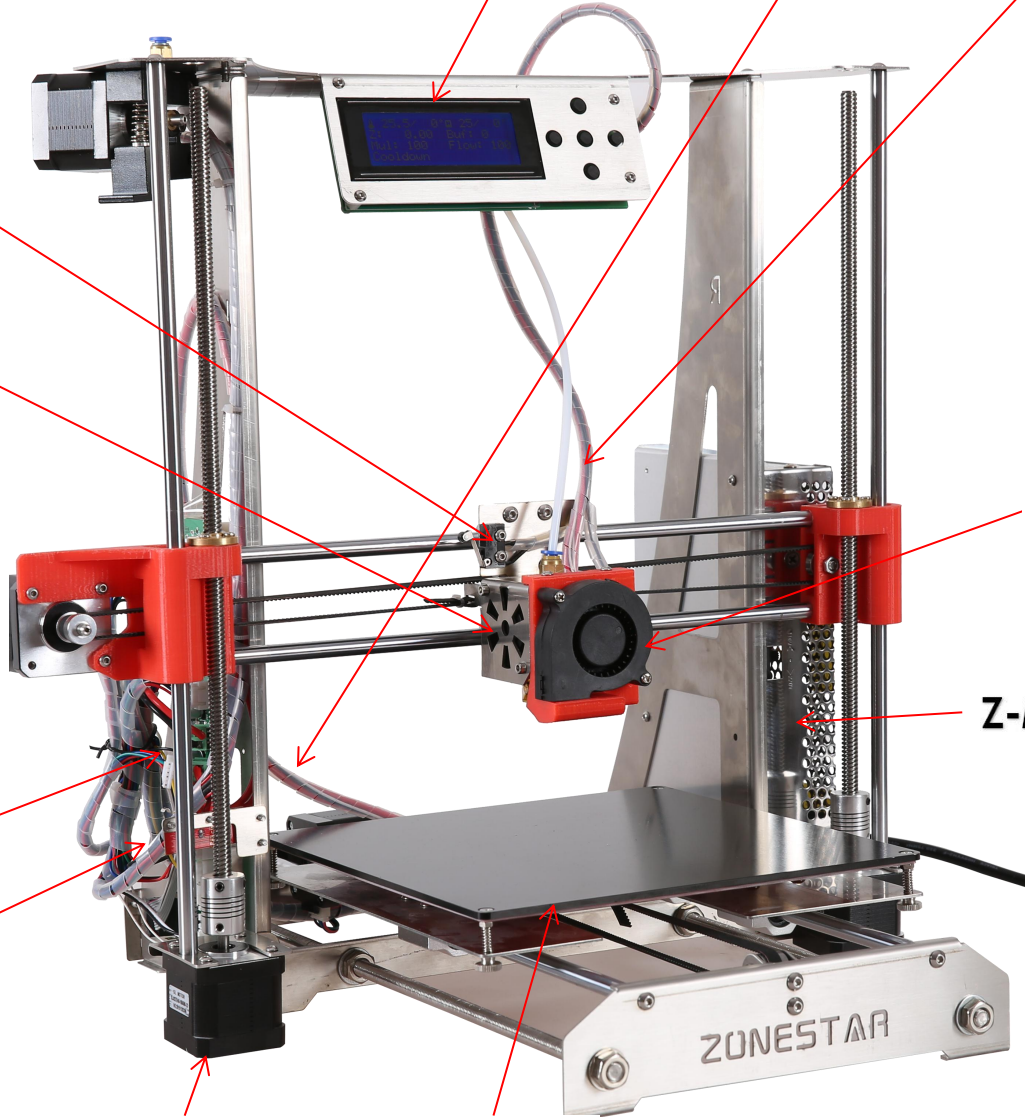
Z EndStop

Z-Motor(left)

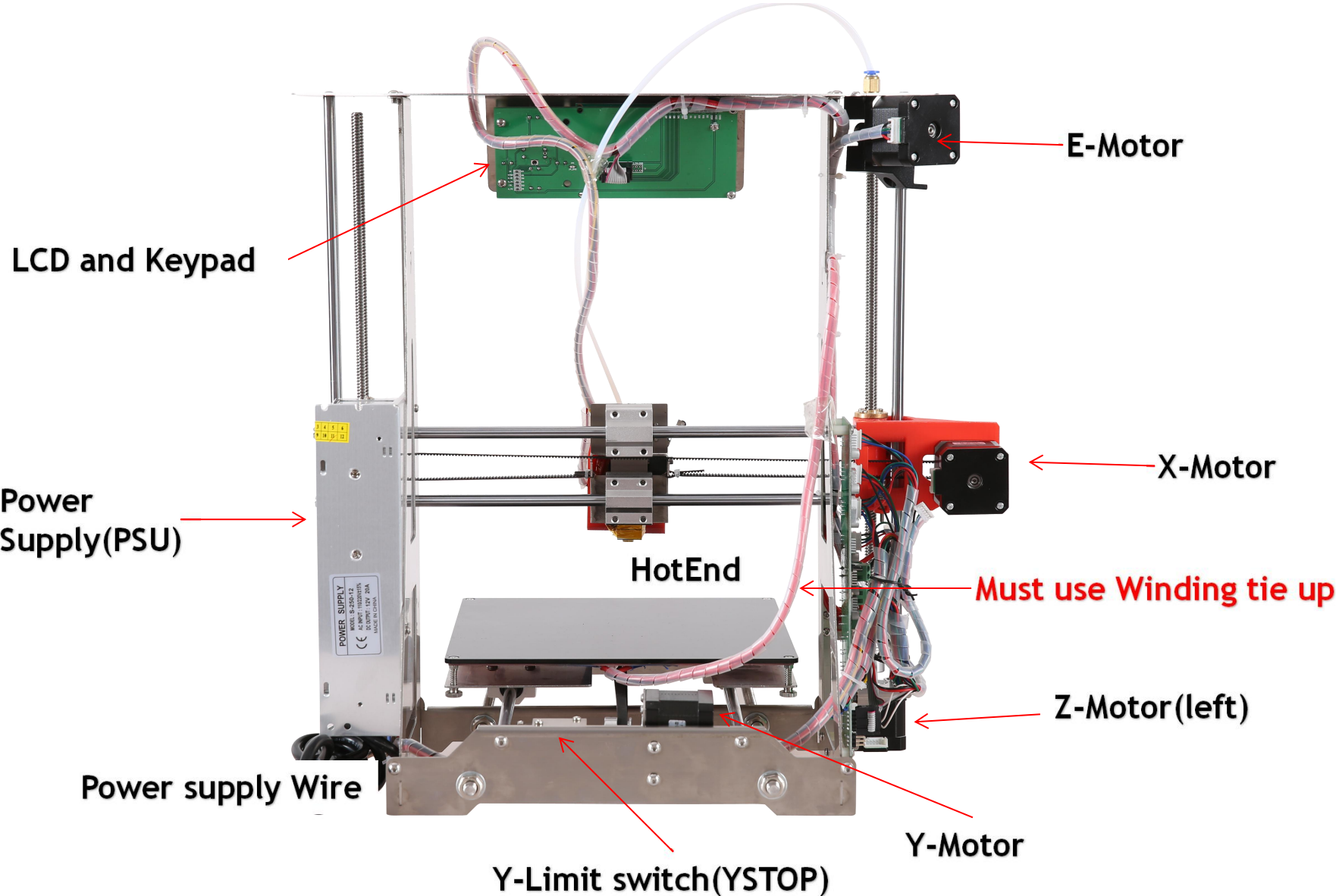
Hot Bed

Extruder Fan

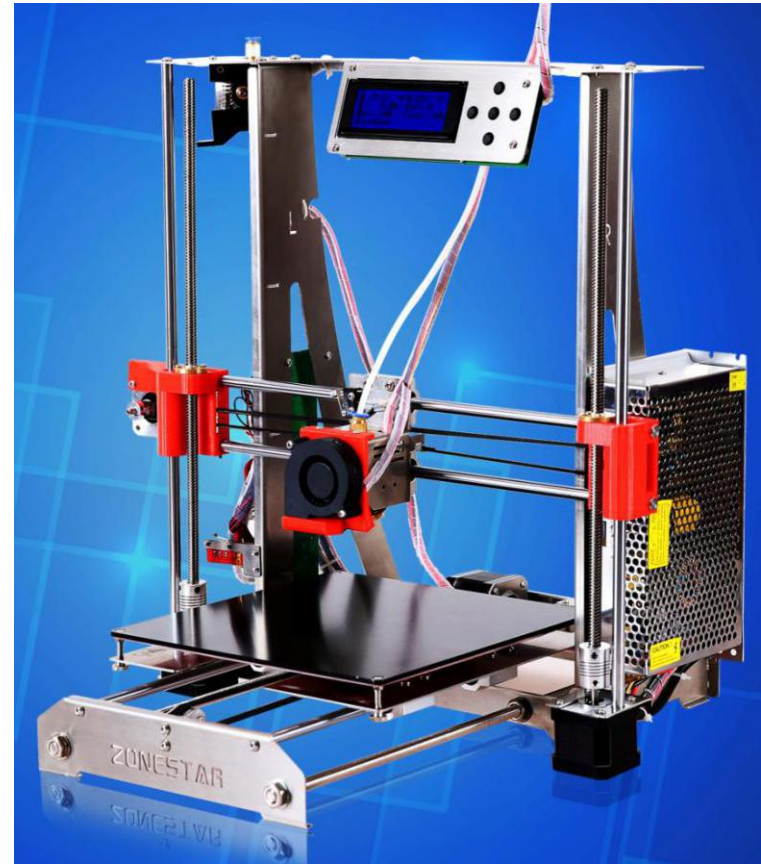
Z-Motor(left)



Know your printer



Installation finished!

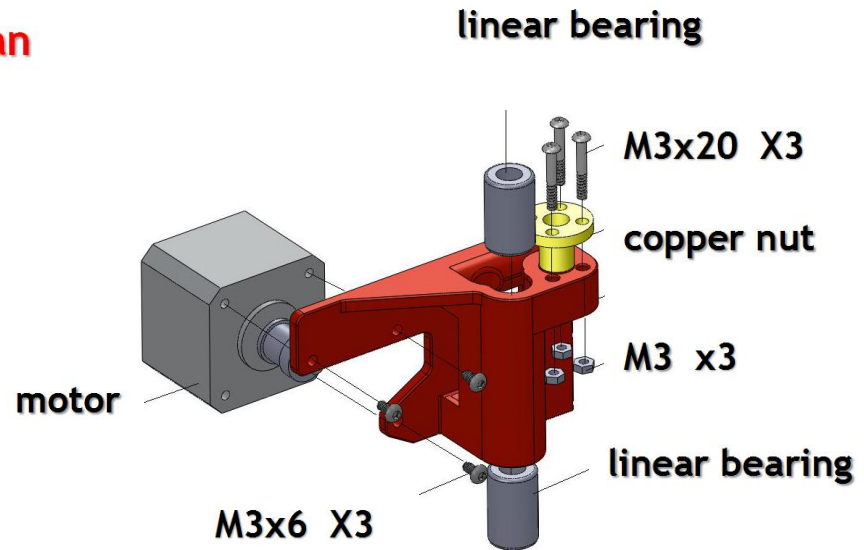
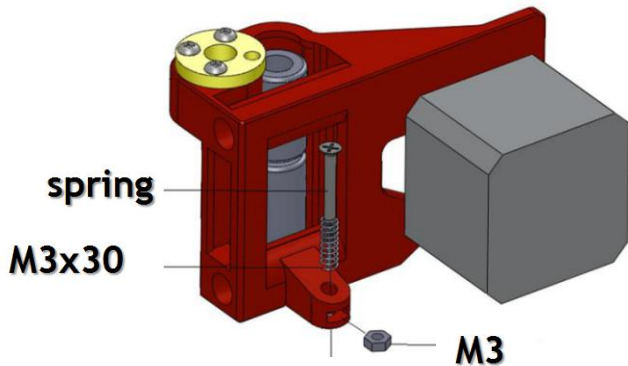


Congratulations!

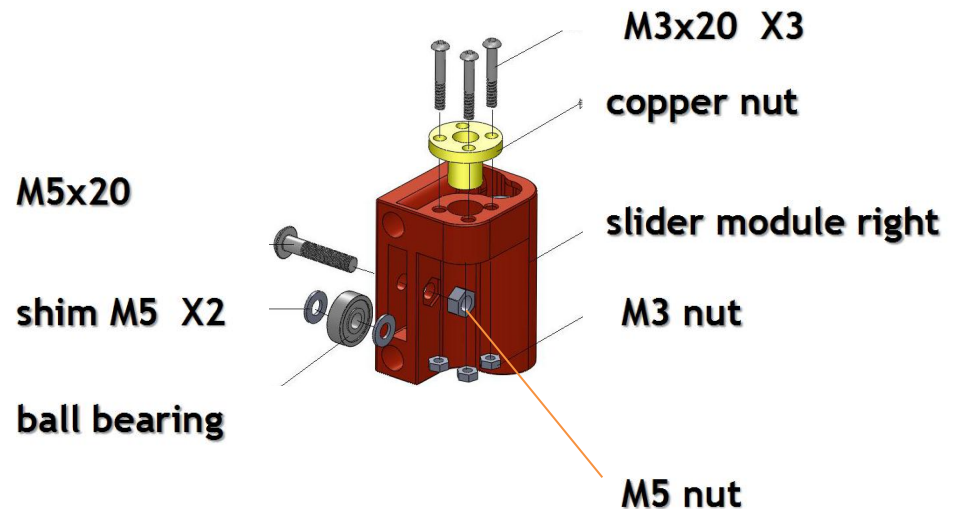
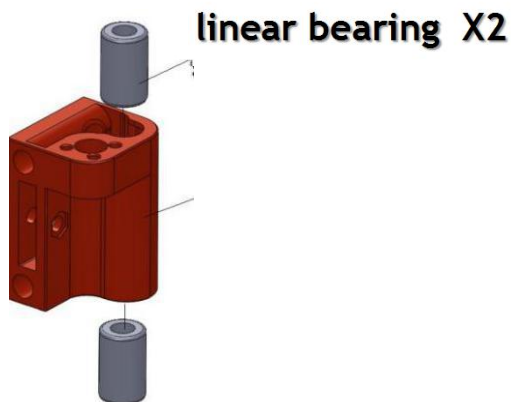
Appendix I : Assemble silder module

slider module left

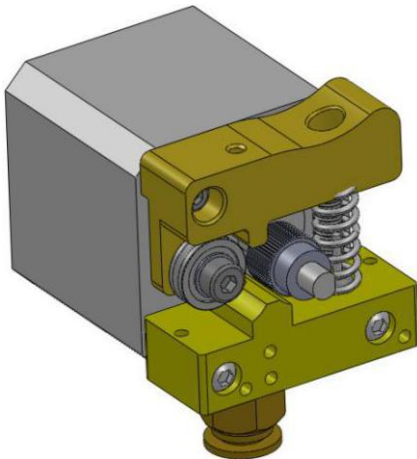
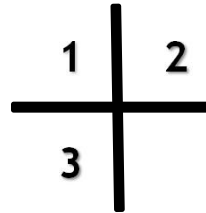
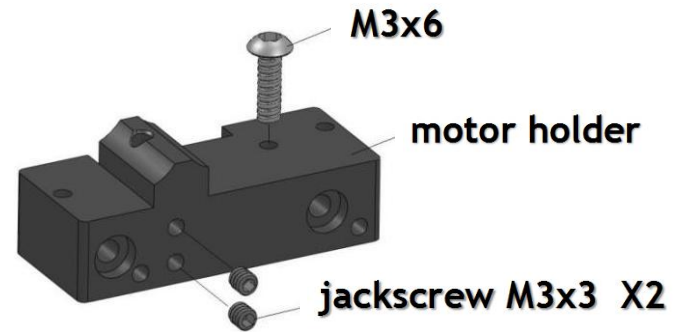
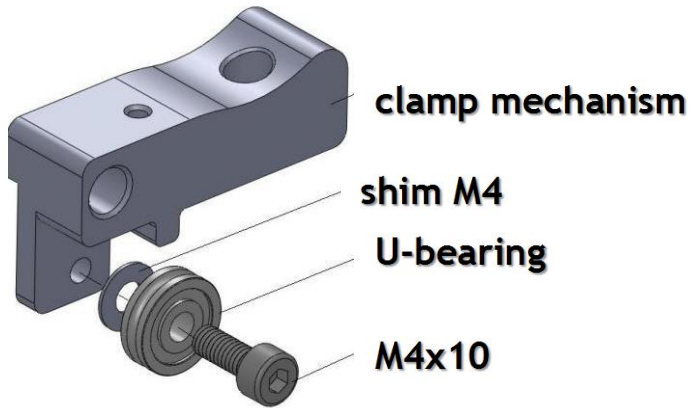
Notice: proper position that spring can produce compressive force.



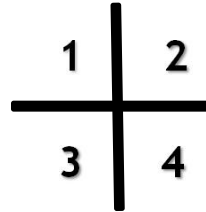
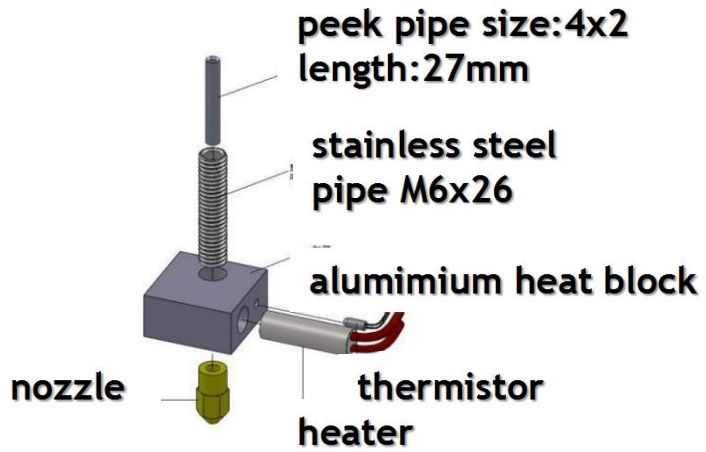
slider module right



Appendix II : Assemble remote extruder module

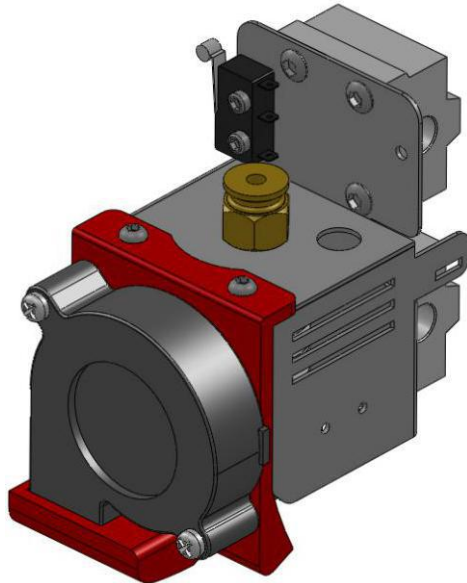


Appendix III : Assemble extruder module



DEFAULT

×auto leveling



√auto leveling

