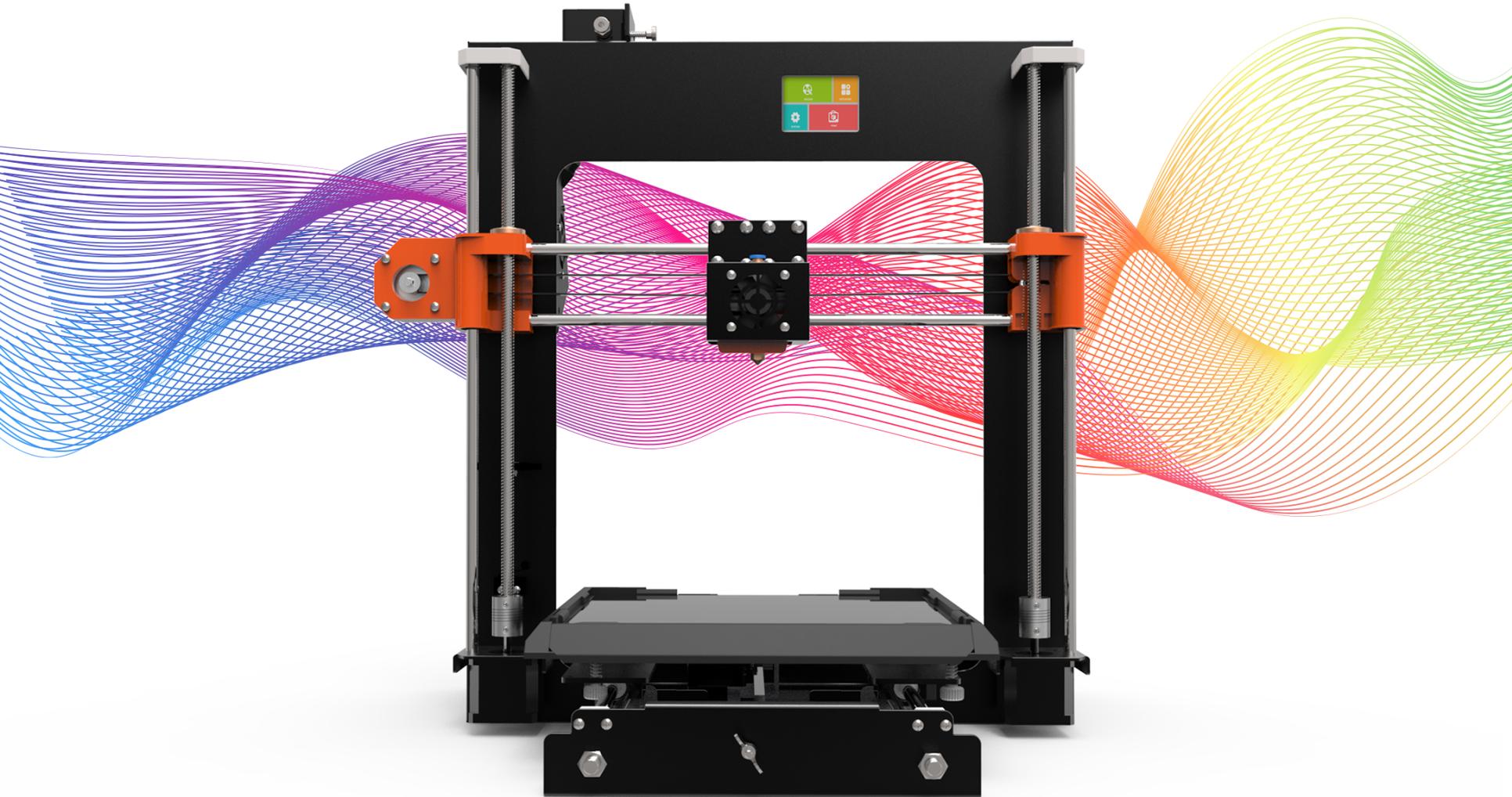


X1 ASSEMBLY INSTRUCTIONS



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1 . Installation Instructions

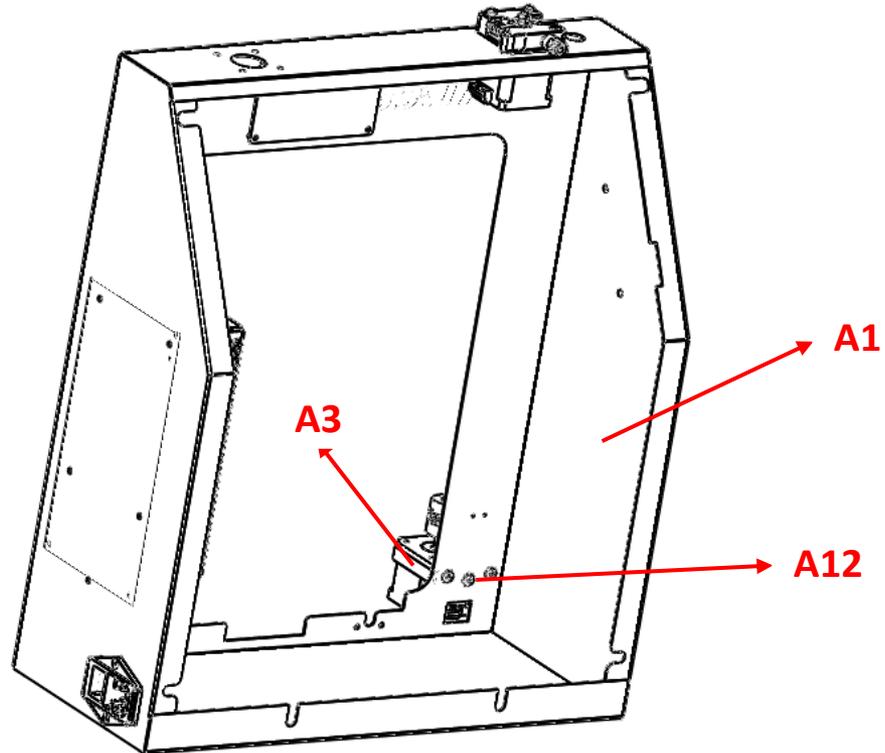
Attention:

- 1, Please make sure the package is not broken when you receive it.**
- 2, Please check the printer parts according to the packing list.**
- 3, Please contact your supplier if you have any questions**
- 4, The installation instructions in this document are schematic diagrams of the model and for reference only. The physical items are subject to the received goods.**
- 5, The material codes in the installation instructions of this graphic are in one-to-one correspondence with the codes in the parts list. Please assemble them according to the relevant material codes.**
- 6, In order to assemble our 3D printer more perfectly, please watch the assembly instruction video provided by our company in the SD card .Please pay close attention to the update of our official website .**

2 . Frame Structure

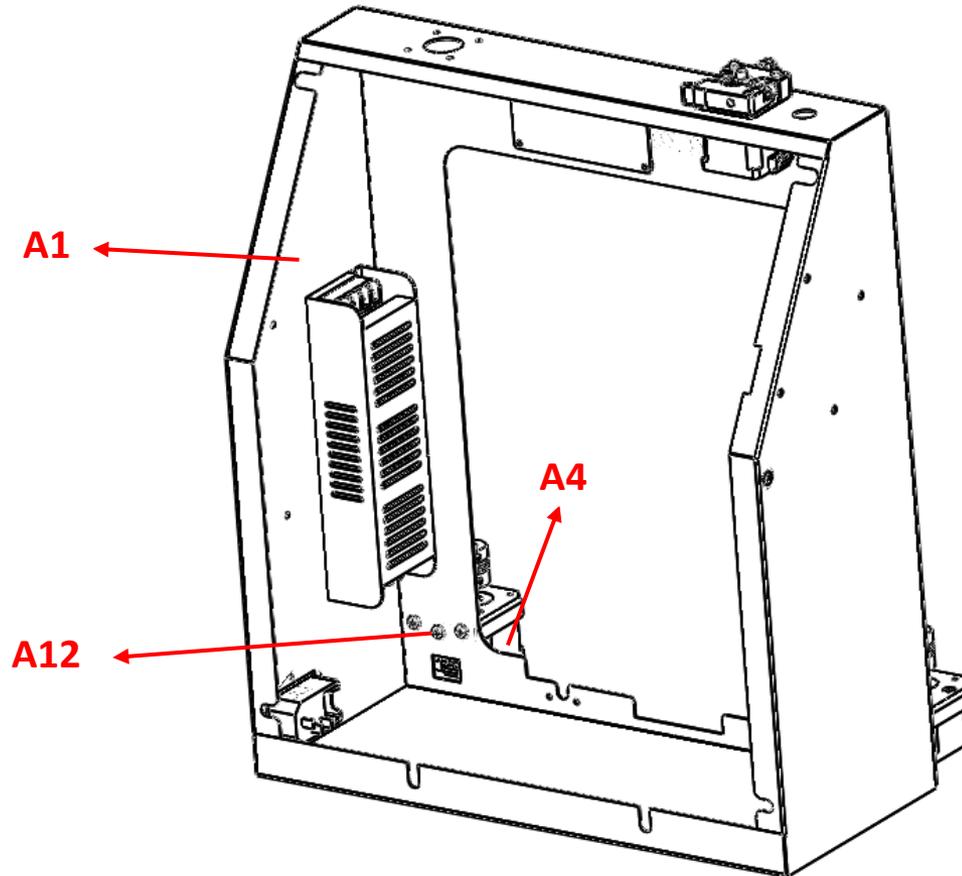
K1 Left Z axis motor assembly installation

Combined modules	Tools
K1=A1+A3+3XA12	C3



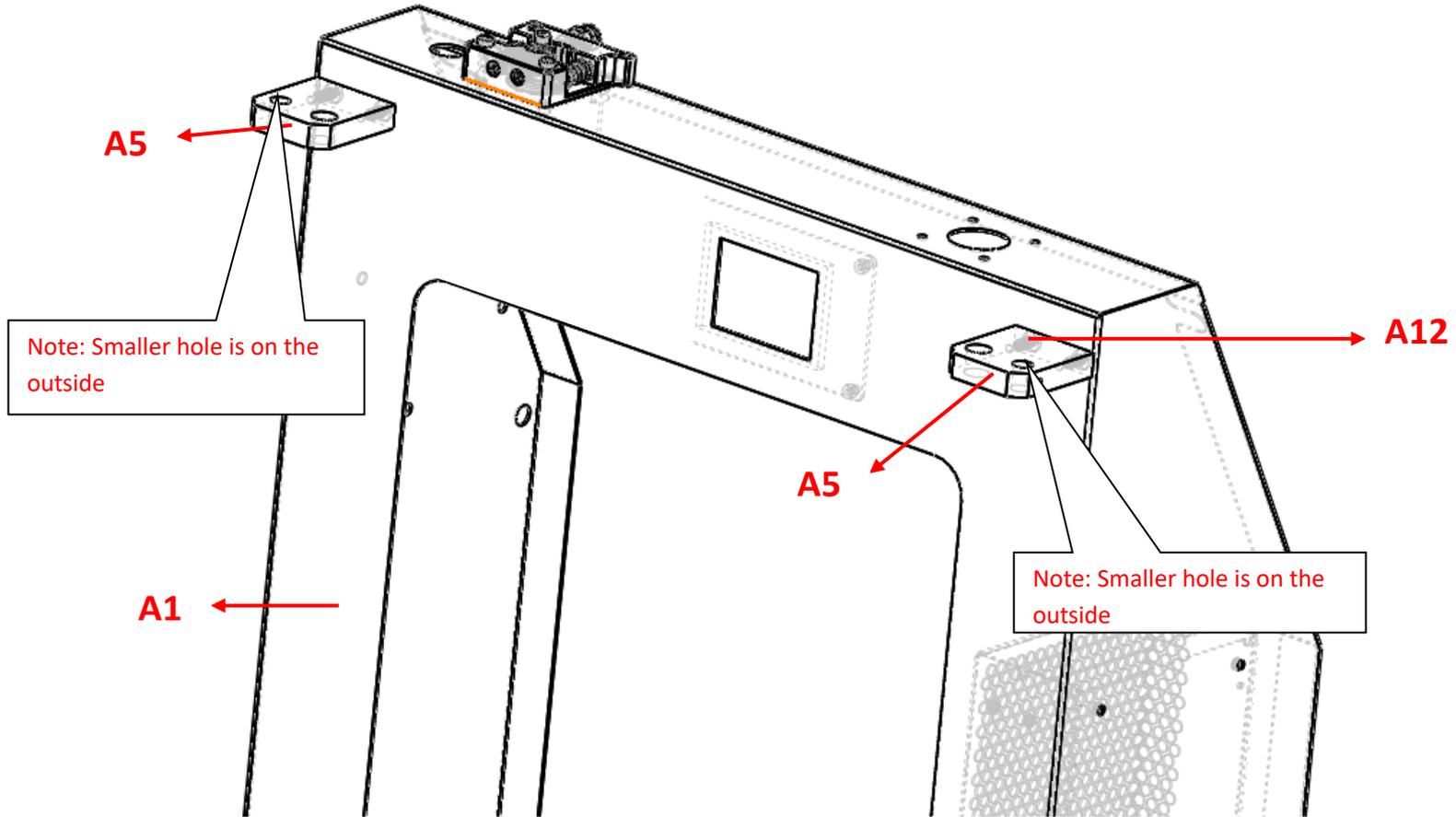
K2 Right Z axis motor assembly installation

Combined modules	Tools
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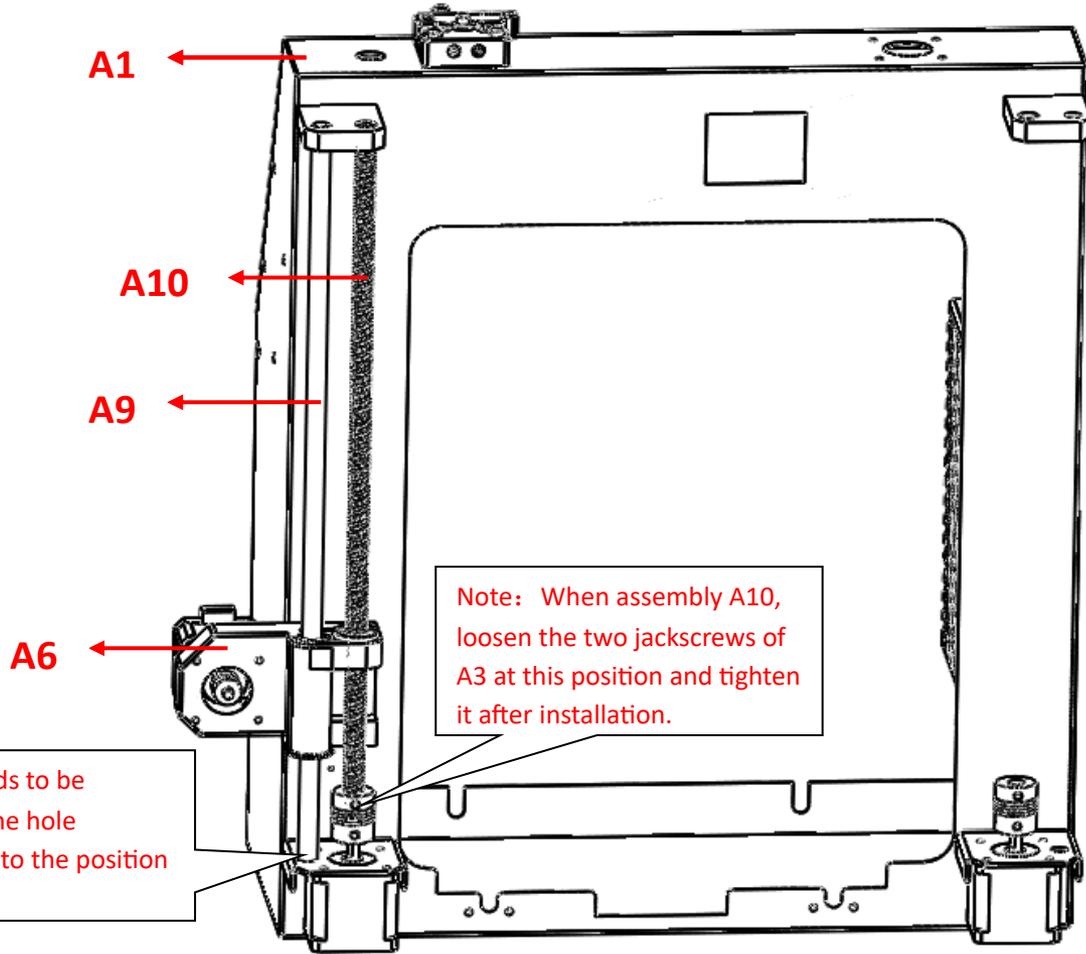
K3 Z axis fixed plate installation

Combined modules	Tools
K3=A1+2XA5+4XA12	C1



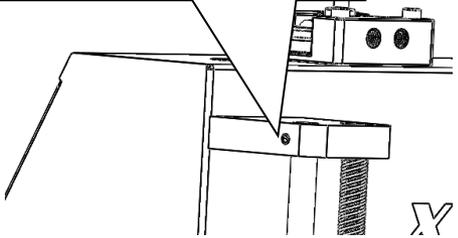
K4 X axis motor installation

Combined modules	Tools
K4=A1+A6+A9+A10	C2-2



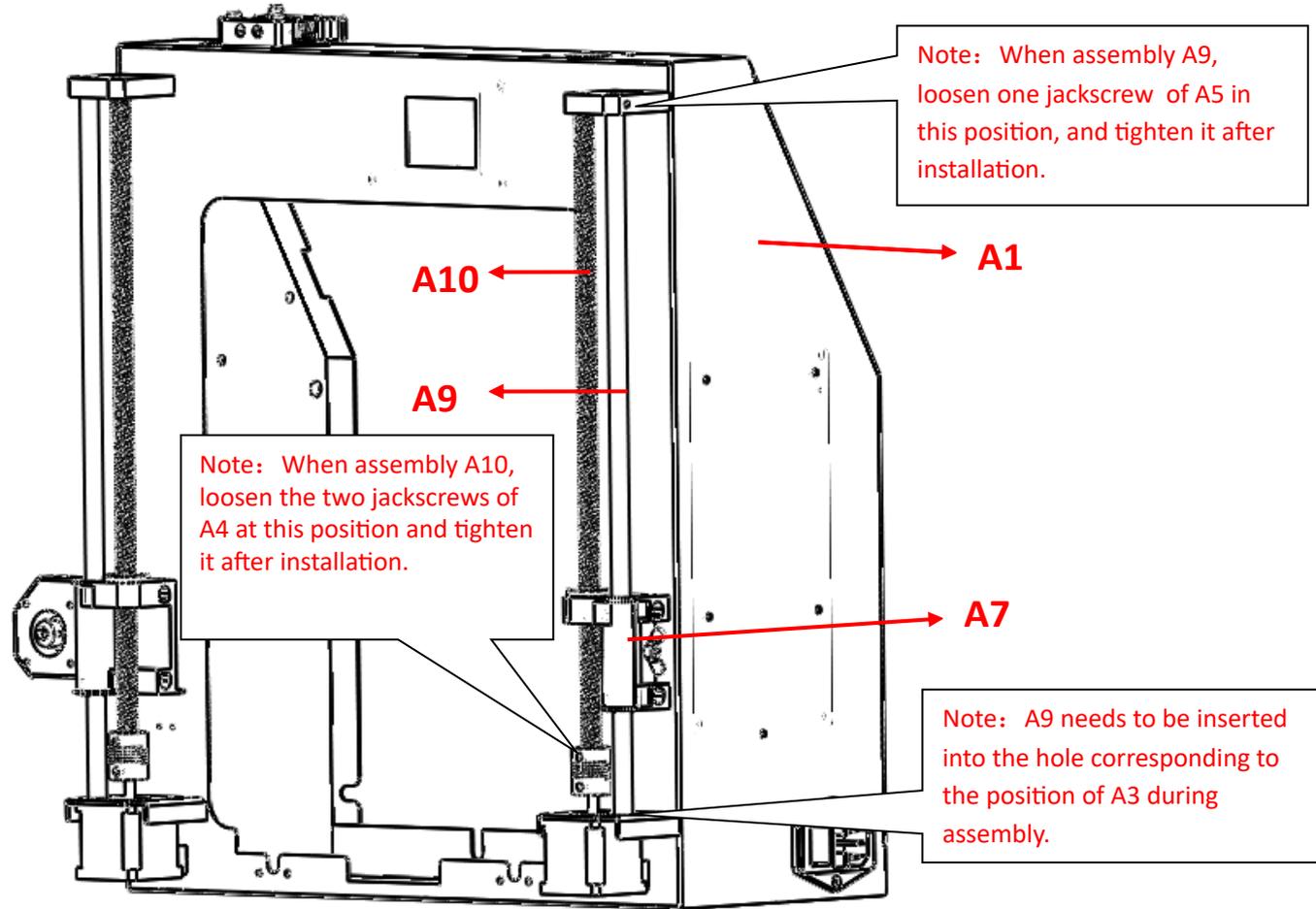
Note: A9 needs to be inserted into the hole corresponding to the position of A3

Note: When assembly A9, loosen one jackscrew of A5 in this position, and tighten it after installation.



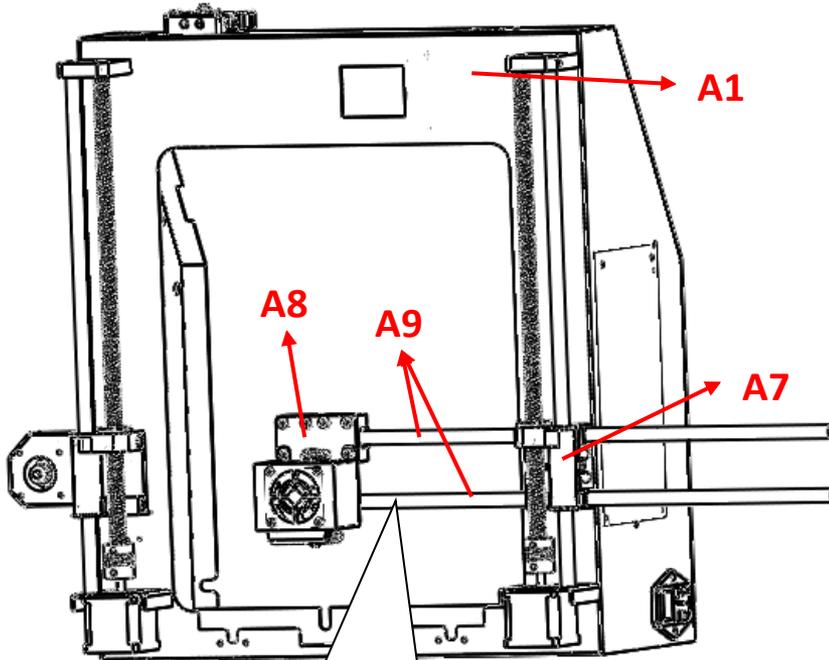
K5 X axis belt bearing support installation

Combined modules	Tools
K5=A1+A7+A9+A10	C2-2

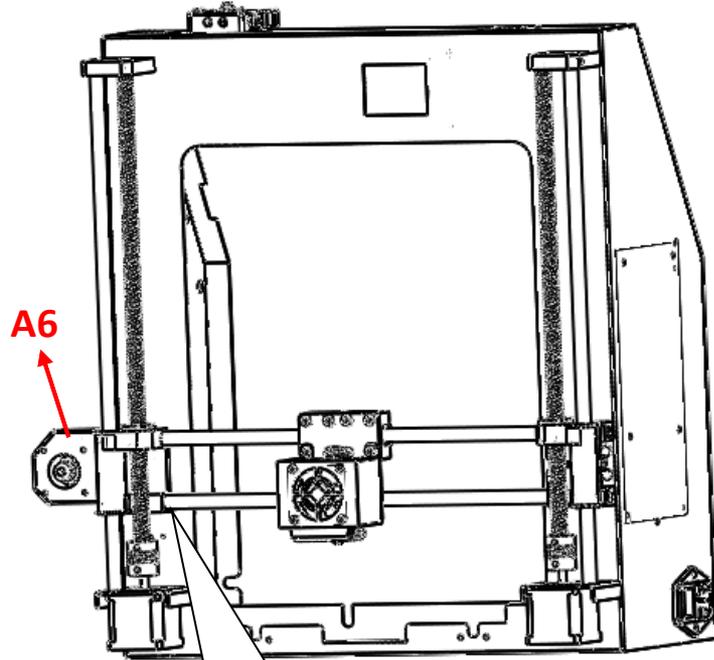


K6 Extruder installation

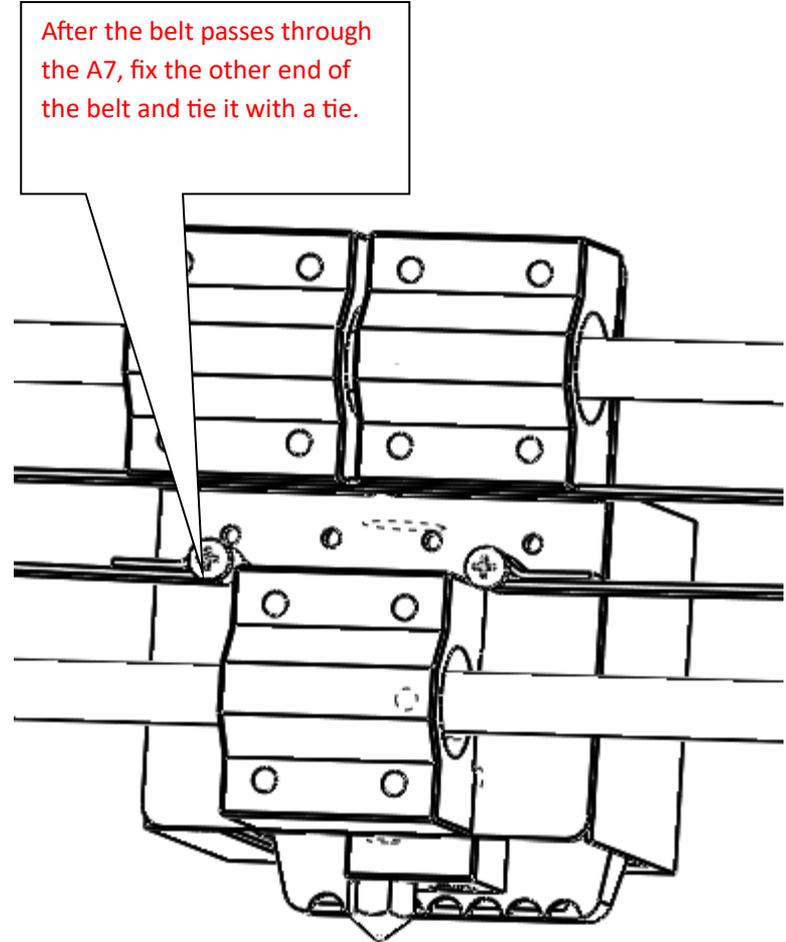
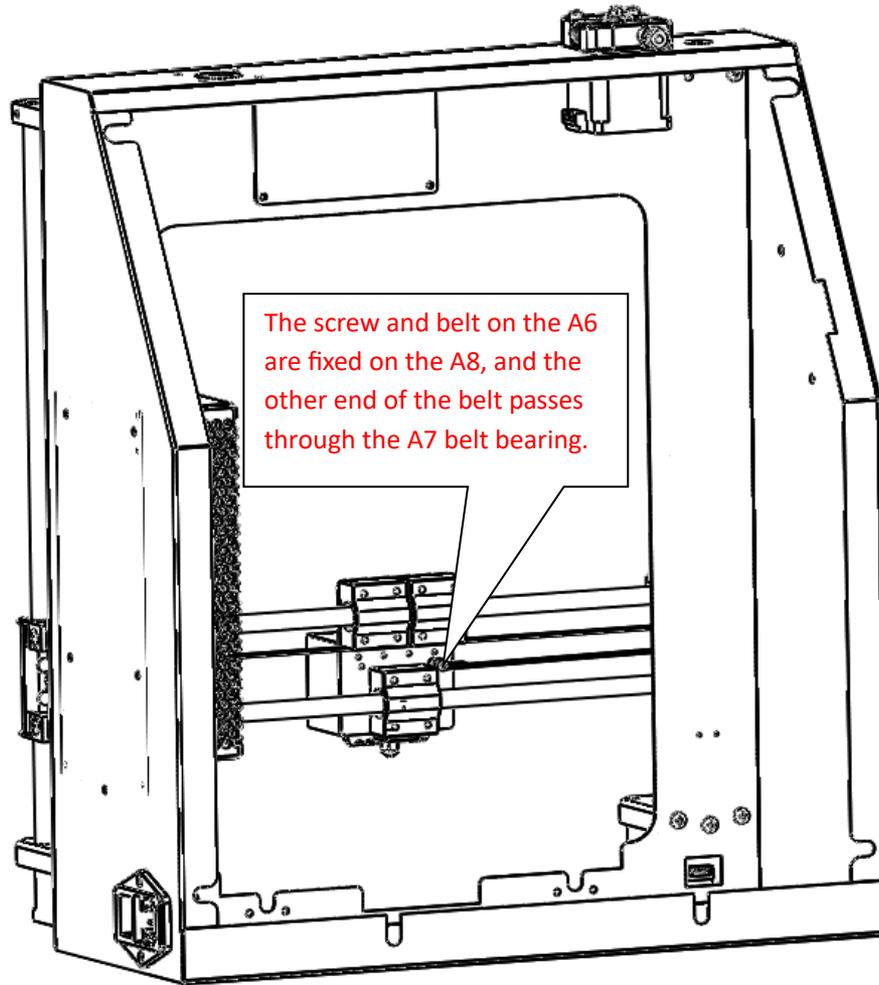
Combined modules	Tools
K6=A1+A8+2XA9	C1

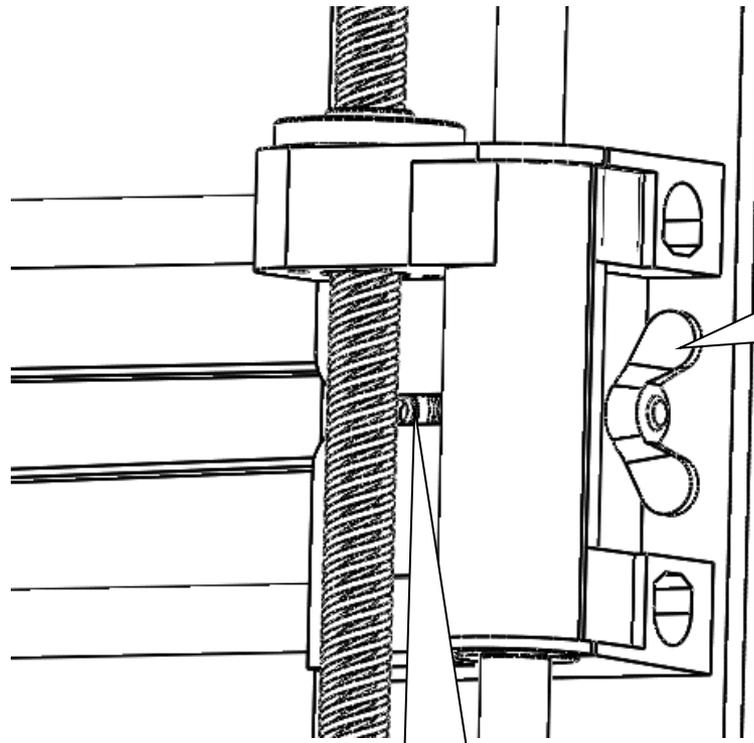


Note: A9 passes through the A8 hole from the right A7 hole and then inserted into the A6 until it cannot be pushed in. A6 and A7 need to maintain the same height so that A9 can be inserted smoothly.



After completing the first step, complete the second step (fixed belt) as shown below.



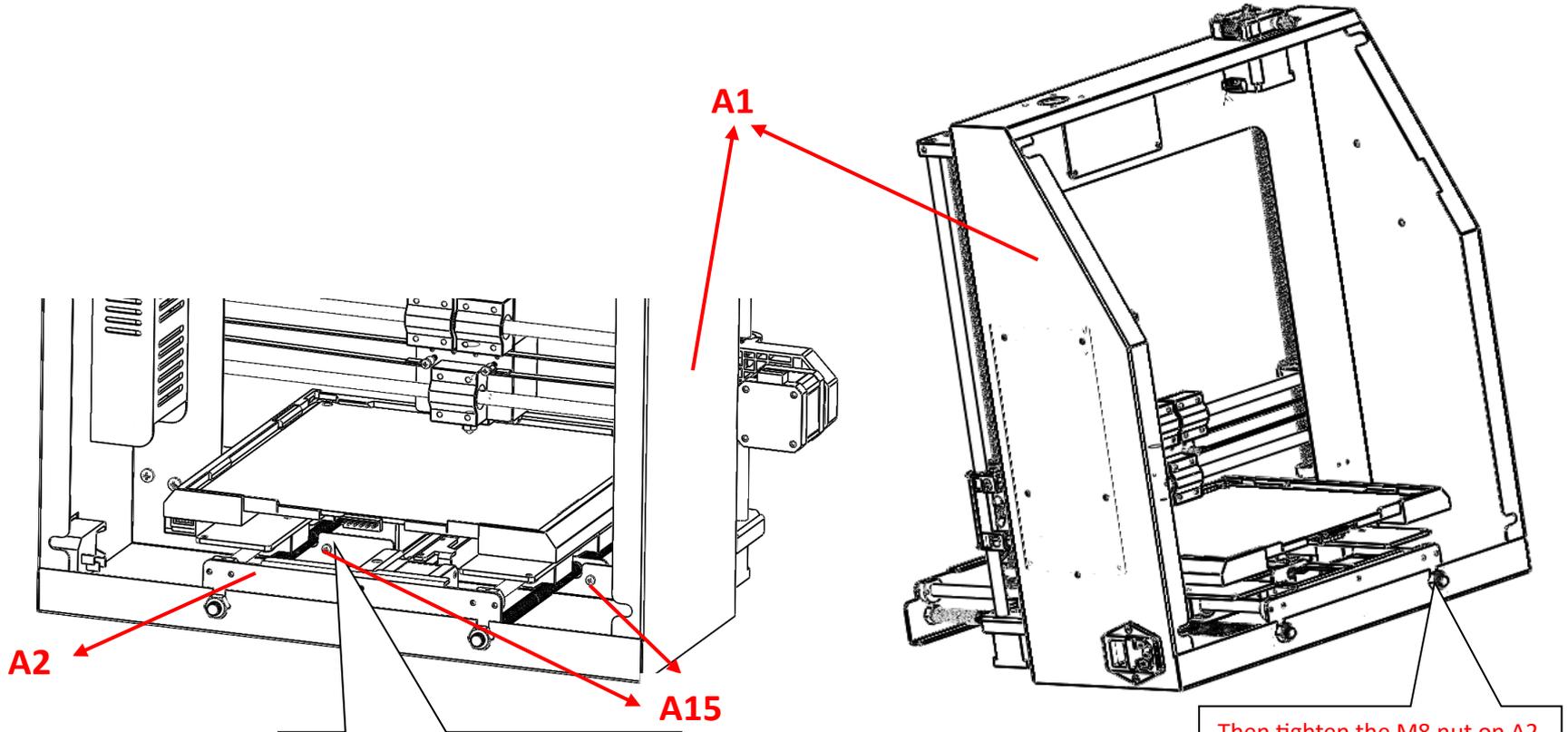


In the process of belt assembly, the assembly of the belt can be made easier with turning wing nut, and the wing nut can be rotated after the belt assembly is completed, so that the belt has the right

Belt bearing on the A7

K7 Print Platform Installation

Combined modules	Tools
K7=A1+A2+4XA15	C1+C2-4



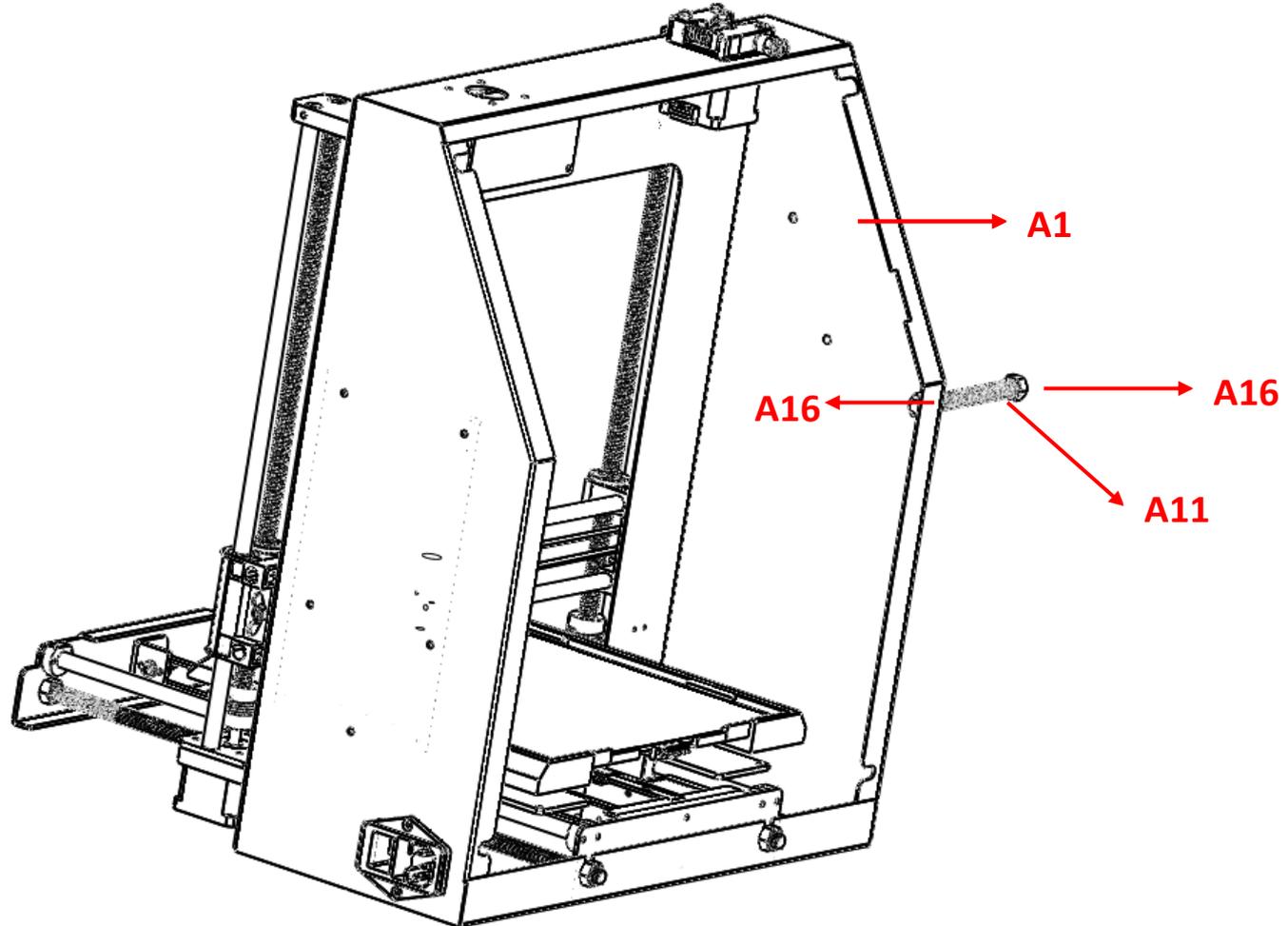
As shown in the left picture, place A2 in A1, and A15 passes the hole in A1, and tighten the fixed piece on A2 (left and right sides).

Then tighten the M8 nut on A2 (as shown on the right)to fix A2 and A1 on the back!

K8 Filament Run Out Dection Module installation

(Note : Pls finish this step after all the circuit wiring is connected)

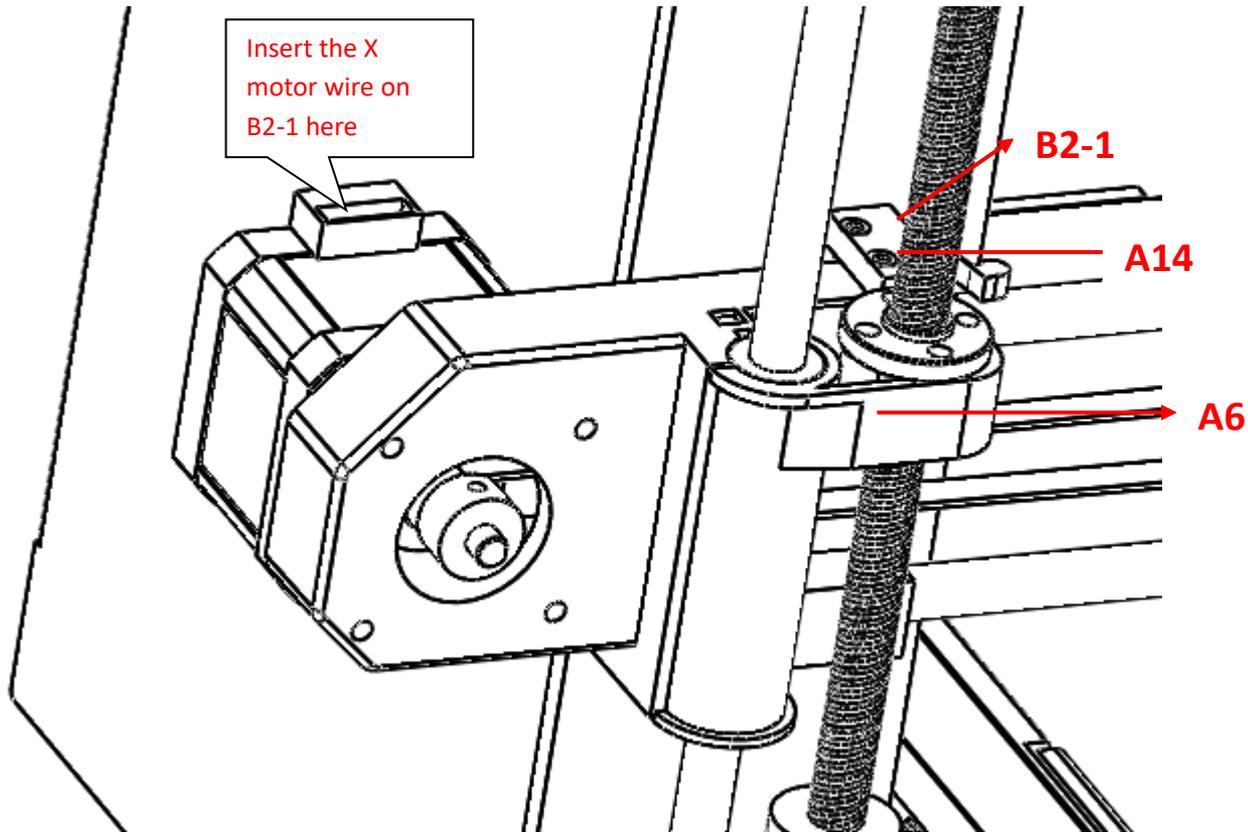
Combined modules	Tools
K7=A1+A11+3XA16	C2-4



3 . Circuit Connection

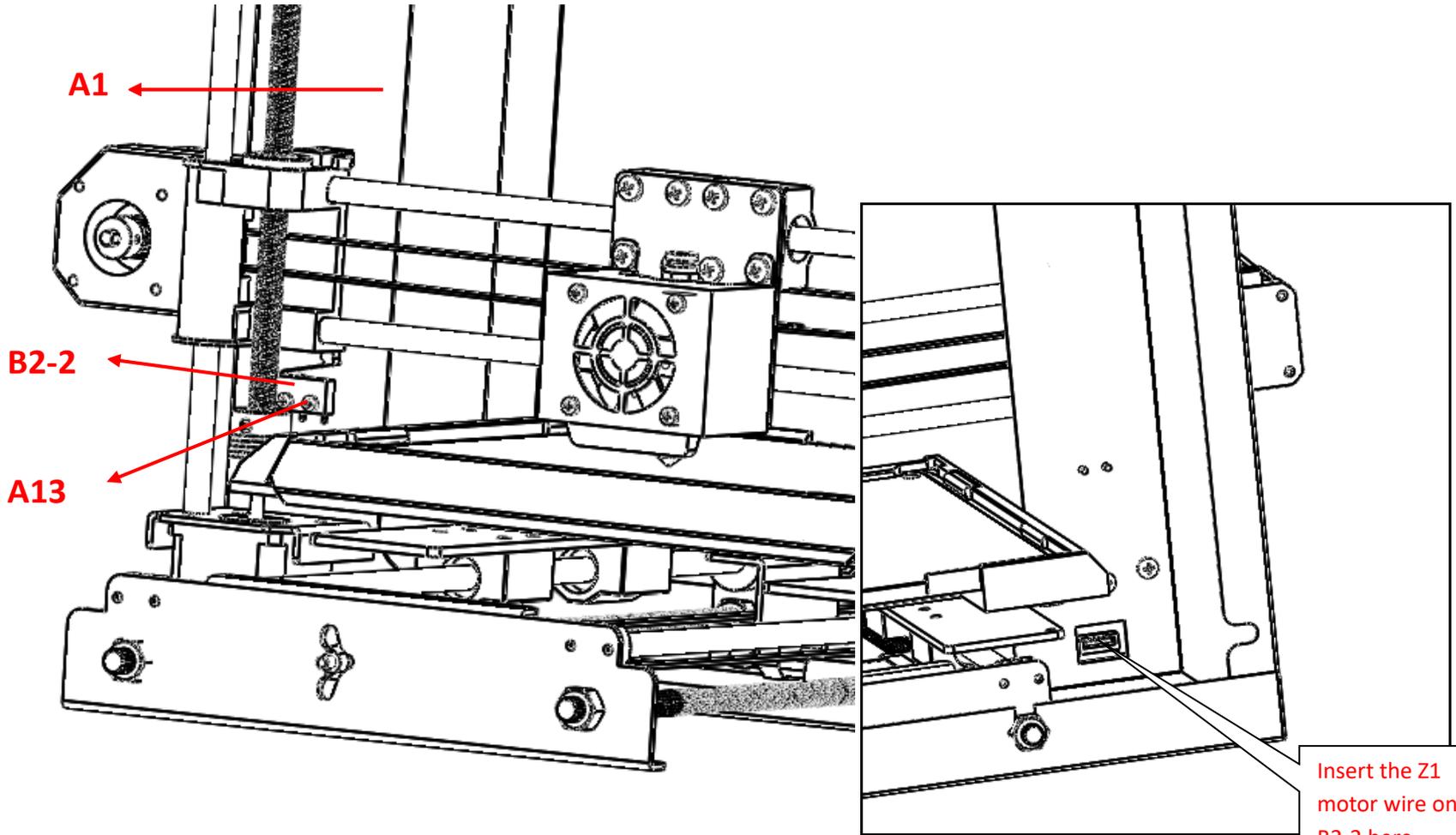
K9 X axis limit switch installation

Combined modules	Tools
K9=B2-1+A6+2XA14	C1



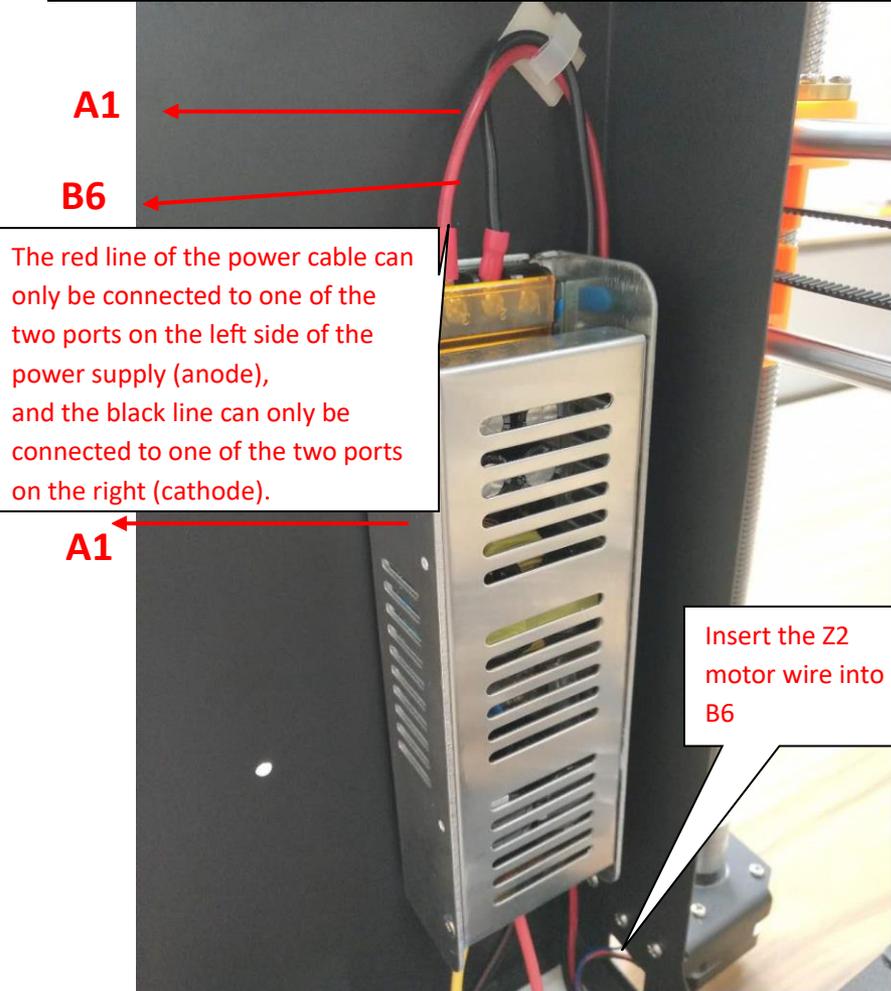
K10 Z axis limit switch installation

Combined modules	Tools
K10=B2-2+A1+2XA13	C1



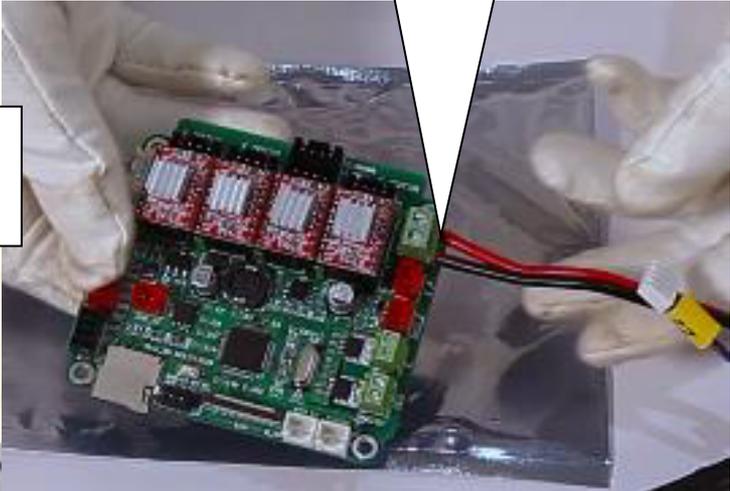
K11 Mainboard power line installation

Combined modules	Tools
K11=A1+B6+B1	C1



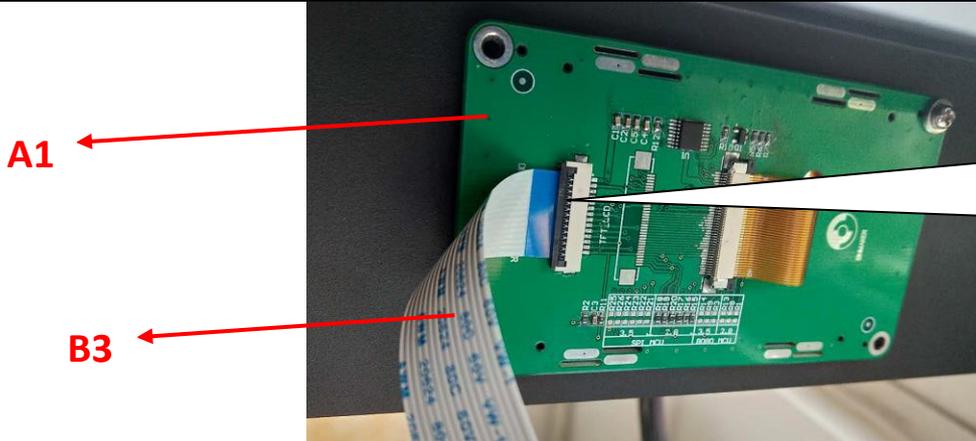
Insert the Z2 motor wire into B6

The other end of the power cable is shown as follows: the red line connects to the right port of the motherboard (anode), and the black line connects to the left port of the motherboard (cathode)



K12 Screen ribbon cable installation

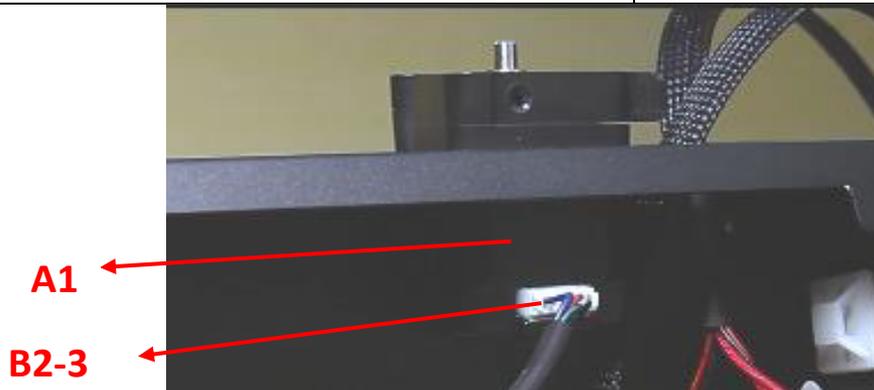
Combined modules	Tools
K12=A1+B3	



Before installing the cable, flip the black cover on the display screen 90 degrees to the right. After inserting the screen ribbon cable, flip the black cover back to its original position.

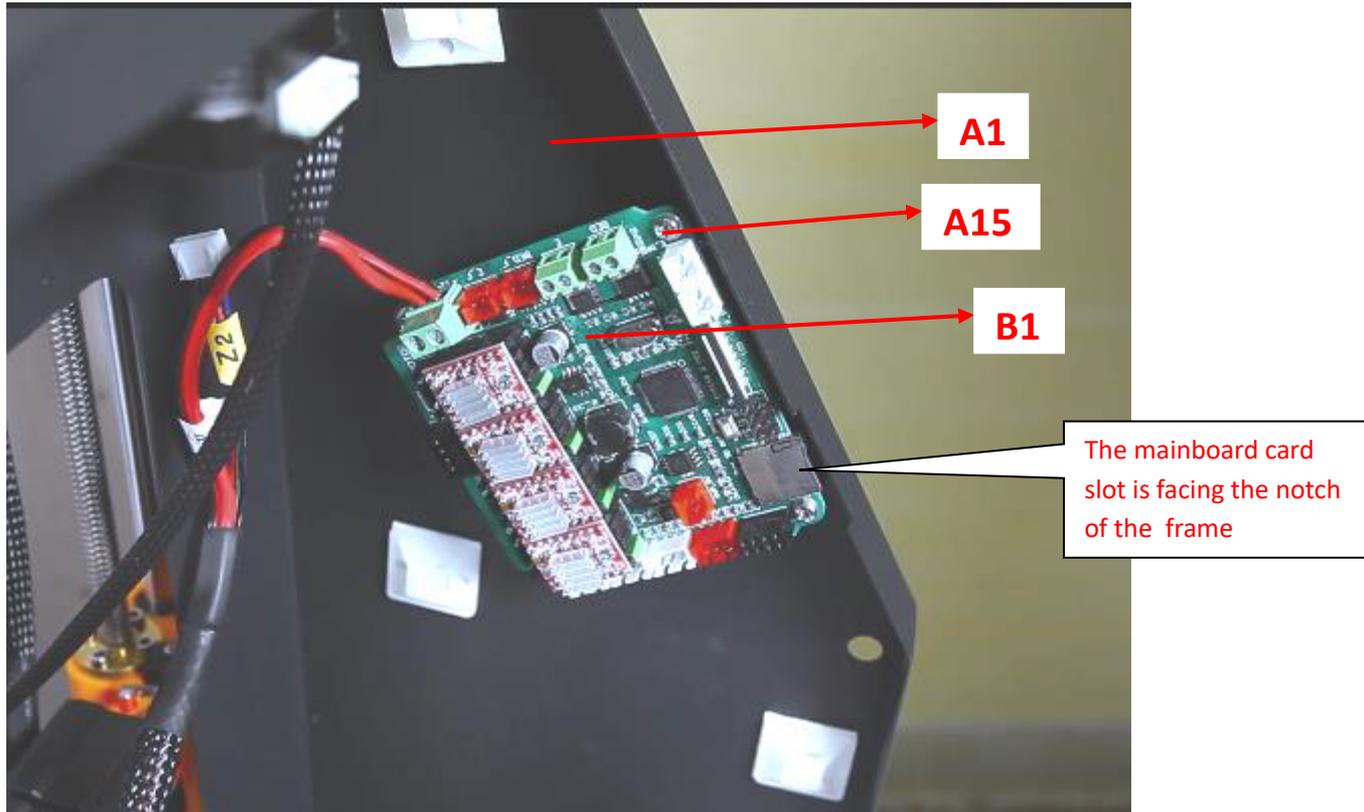
K13 E motor wire installation

Combined modules	Tools
K13=A1+B2-3	



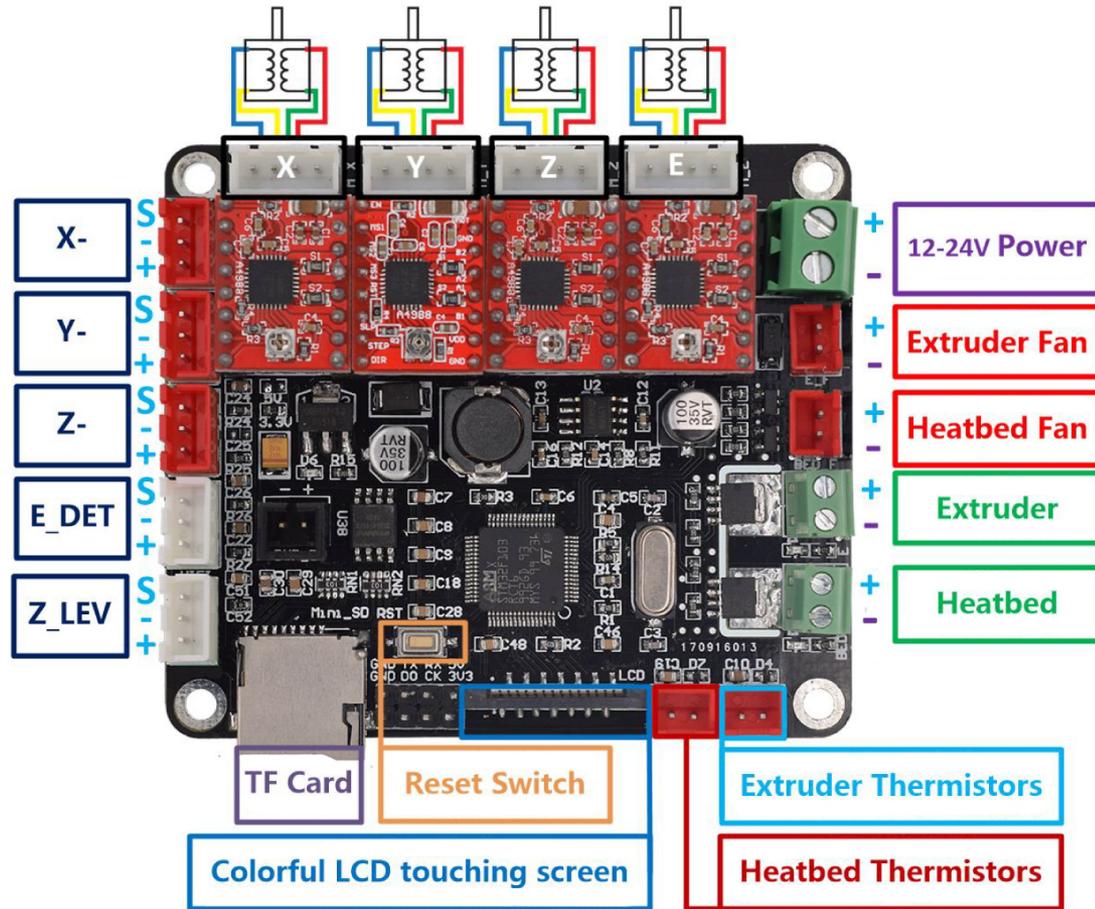
K14 Mainboard installation and wiring

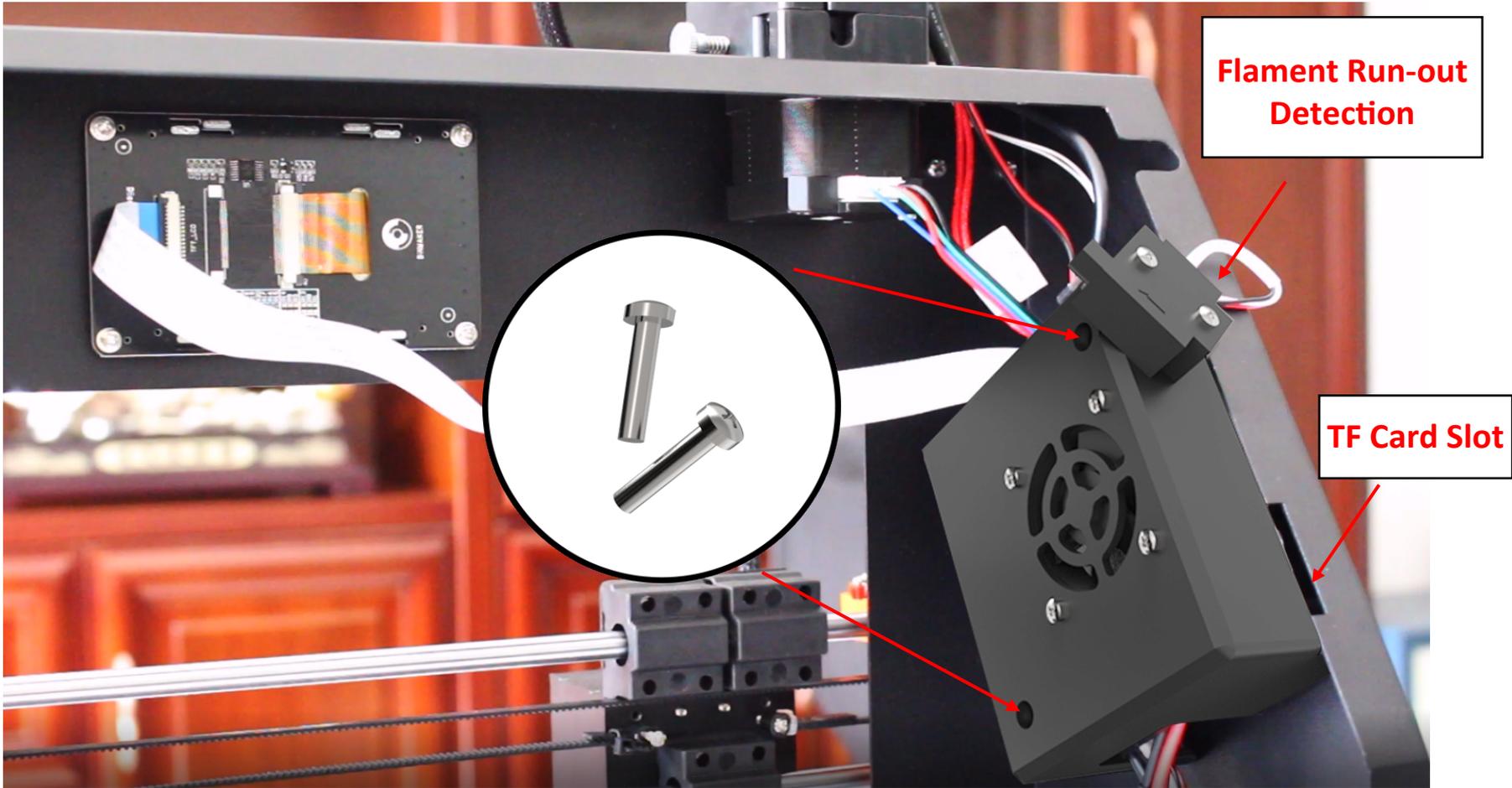
Combined modules	Tools
K13=A1+ B1+4XA15	C1



Mainboard wiring

(Please connect the electronics wire to each components correspondingly.)





**Flament Run-out
Detection**

TF Card Slot

Finish Installation

Thank you for your choice of our 3D Printer.hope we can always provide you quality products and services

If you have any problems during use, please feel free to contact your 3D printer supplier at any time.