One, BL-touch installation

1 , Use half round head M3*10 Screw and M3 Hex nuts will BL-touch
Fixed on the bracket;

2 , Use half round head M3*6 The screws will be installed BL-touch The component is fixed on the right side of the nozzle;

3 , Wiring, just follow the wiring sequence shown in the figure.

(Reminder: install automatic leveling, need to Z Removal of shaft limit switch assembly)
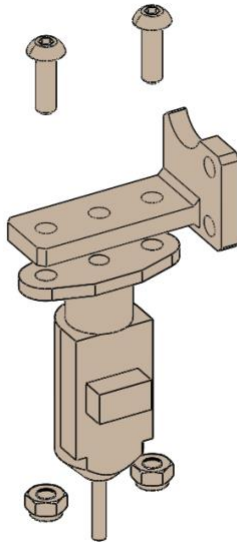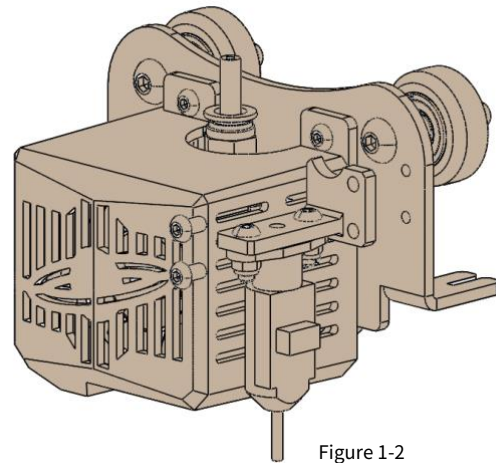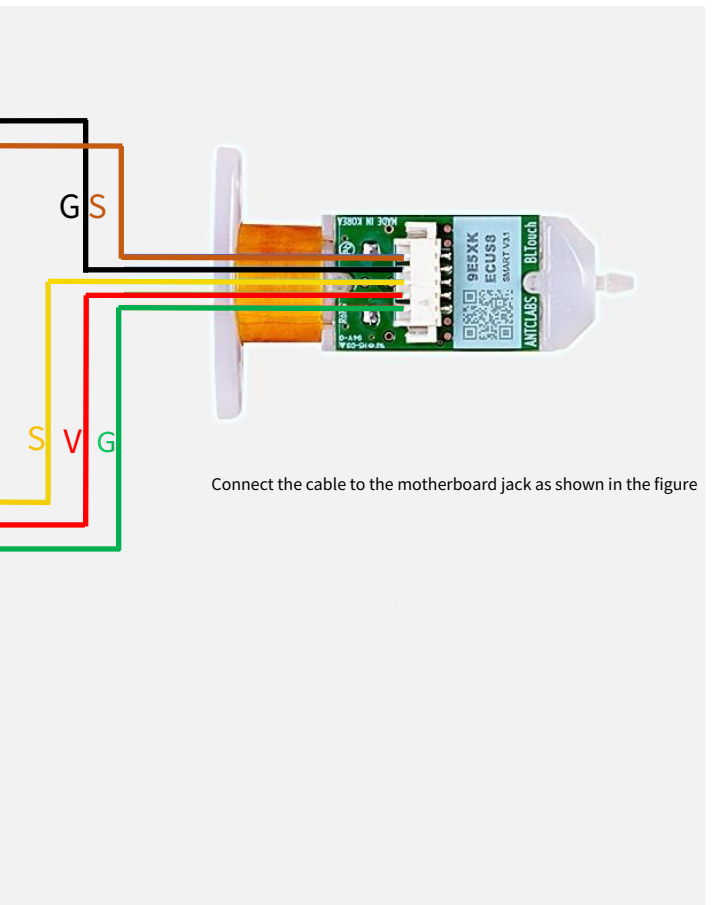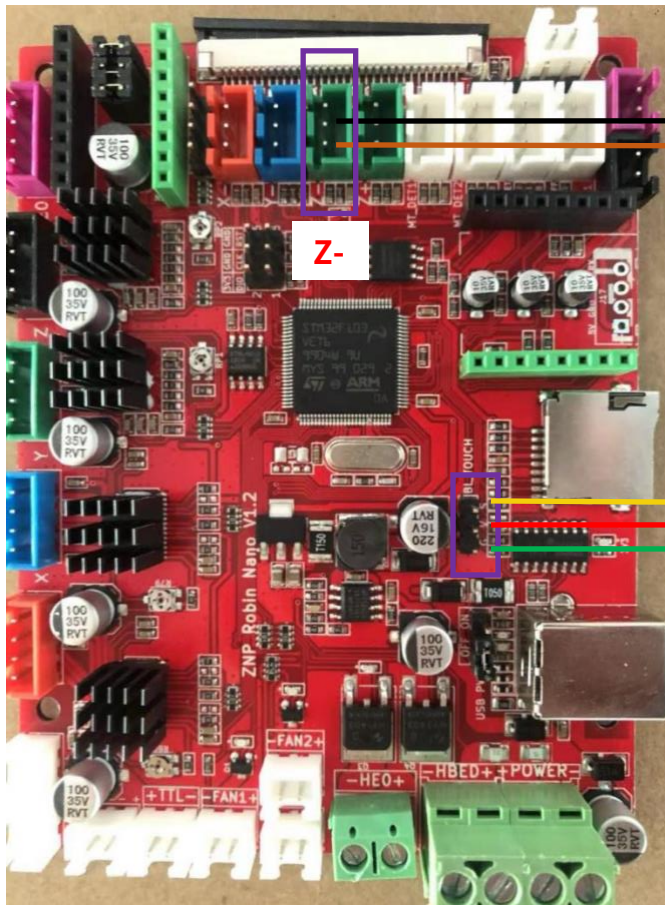
Figure 1-1

Figure 1-2

G S

Z-

S V G

Connect the cable to the motherboard jack as shown in the figure
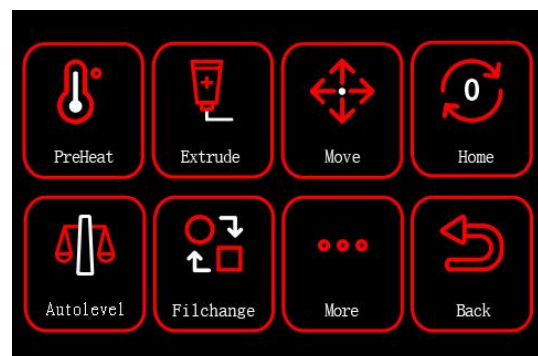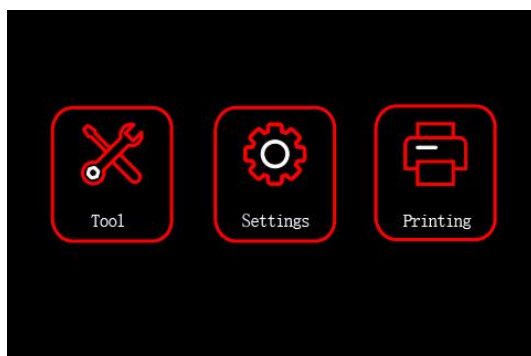
2. Burn the firmware

In the firmware folder 4 Files copied to TF The root directory of the card, and then TF Insert the card into the machine and turn on the machine to burn the firmware automatically. After the firmware burn is completed, the display will enter the main menu.

📁 elegoo_font	2021/2/22 9:36	文件夹	
📁 elegoo_pic	2021/2/22 10:04	文件夹	
📄 elegoo.bin	2021/1/28 16:49	BIN 文件	478 KB
📄 elegoo.txt	2021/2/22 9:34	文本文档	13 KB

Three, the use of automatic leveling

When using automatic leveling, the best distance between the nozzle and the platform is 0.2mm-0.3mm , You need to prepare a half-folded A4 Paper-assisted leveling:

1、First make sure that all the cables have been connected, then turn on the printer;

2 , Click [Tools] in the main menu, enter the tool interface and select the [Auto Leveling] icon, the sensor will be selected on the printing platform take 16 A coordinate point, test the height value;

3 , After all the points are measured, the sensor returns to the middle of the platform, and put a half-folded sheet between the nozzle and the platform. A4 Paper, in [Z Axis compensation] interface to adjust the height of the nozzle (click Z- , The nozzle will drop at this time, otherwise, the nozzle will rise);

4 , Adjust to the nozzle and A4 The paper just touches, and it can move smoothly when moving the paper;

5 , Click [Return], and then select the model to start printing.

prompt:

When printing the test model, please observe The printing situation of the first layer, if the first Layer appeared A with C Circumstance, prove Z The height is not well compensated and needs to be set Z Axis compensation value. If it is the case B ,certificate The nozzle and the platform have reached a very good hit Printing distance, you can continue printing.