

S9 Laser Machine Upgrade Kit Installation Instruction

Packing List :

- 1、 22W/33W Laser Head x 1
(with connecting plate)
- 2、 Air Pump x 1
- 3、 Air Tube x 1
- 4、 Laser Cover x 1
- 5、 32-bit Motherboard x 1
- 6、 Motherboard Shell x 1
(with bluetooth antenna)
- 7、 24V 7 A Power Adapter x 1
- 8、 Limit Switch x 2
- 9、 Laser Repair Kit x 1
- 10、 Terminal Connecting Cable x 1
- 11、 Screwbag x 1
- 12、 Parts Package x 1



The total picture of complete assembly



Step 1: Remove the present laser module, terminal connecting cable and motherboard of the S9 machine



1.1 Remove the laser module and the terminal connecting cable



1.2 Remove the motherboard shell



1.3 Remove the motherboard

Step 2: Install the new motherboard



2.1 Install the new motherboard (use the screws previous step)

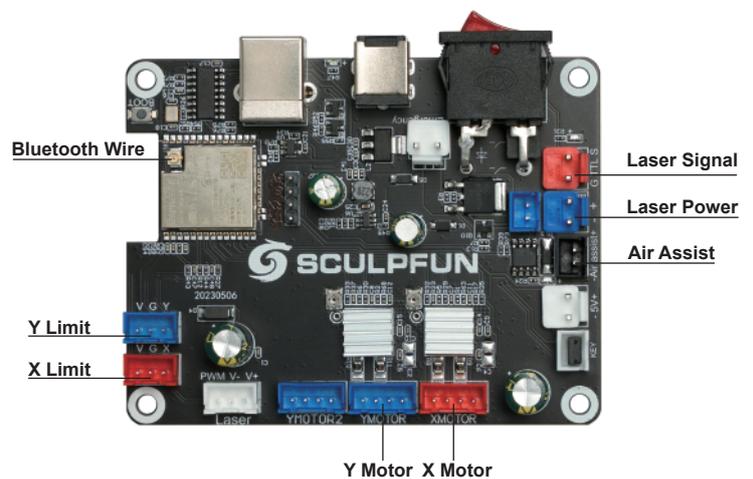


2.2 Pass the terminal connecting cable through the motherboard shell, plug into the motherboard



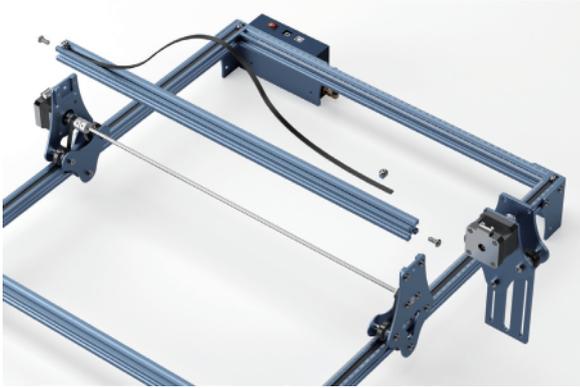
2.3 Install the motherboard shell (use the screws previous step)

***Cable connecting instruction**

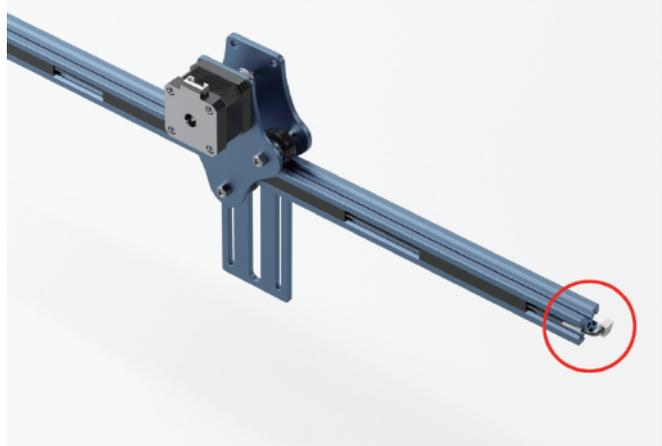


Step 3: Fix the terminal connecting cable

* Due to the large size of X-limit cable terminal, you need to remove the laser module fixing bracket first, thread the X-limit cable into X-axis beam, and then install laser module fixing bracket. The specific installation is shown in the figure below :



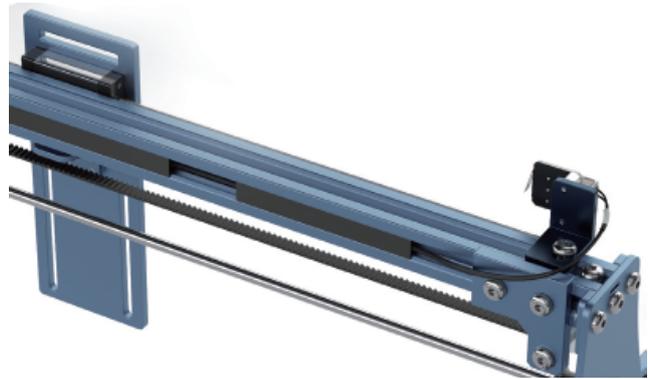
3.1 Detach the X-axis beam frame and remove the laser module fixing bracket (simply unscrew the 2 screws in the middle of sides)



3.2 Thread the X-limit terminal connecting cable into the X-axis beam frame and fix it with the groove strip, then install the laser module fixing bracket.



3.3 Reinstall the belt and fix the X-axis beam

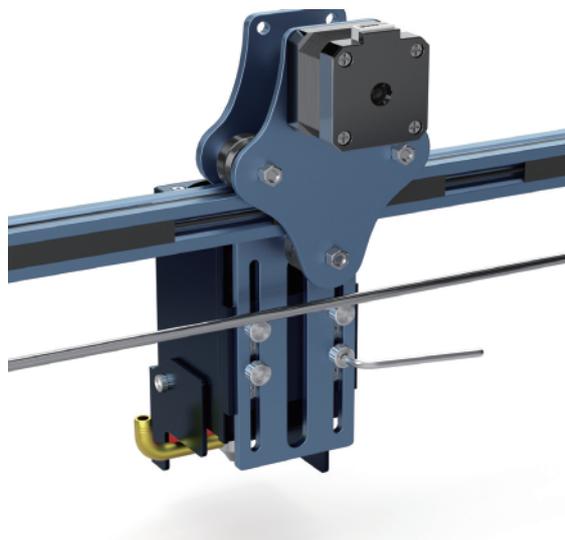


* For machines with upgraded linear guide rails, there is no need to disassemble the X beam, just fix the X limit line directly

Step 4: Install air pump and laser module

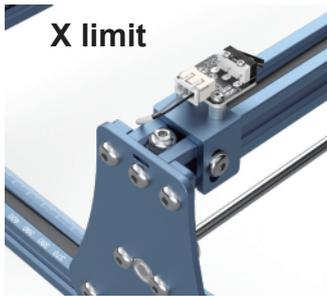


4.1 Air pump connection

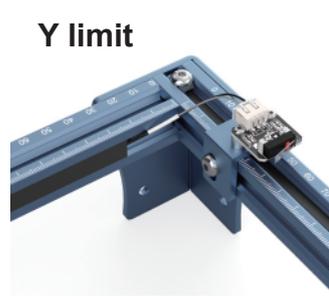


4.2 Laser module installation

Step 5: Final fixation of the terminal connection cable



5.1 Install the X



Y limit and connect the cable

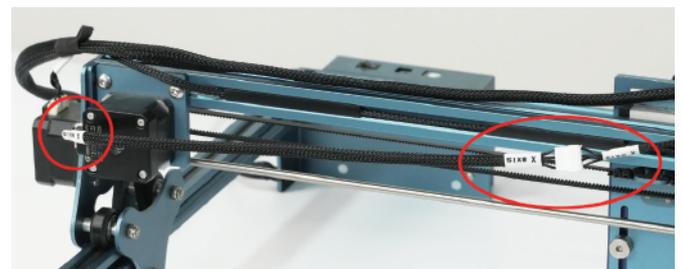


5.2 Fix terminal connecting cable with a locking wire tie, fix air tube and terminal connecting cable with a



5.3 Fix the terminal connecting cable to the foot support with a locking wire tie

Machines that have been upgraded with linear guide



* To upgrade the machine with linear guide rail, you need to use the X motor extension cable to connect



For Laser Engraver technical support and service, please email: support@sculpfun.com



This is the latest web manual, and a detailed youtube video tutorial is attached.