

S800 ESC Cooling Guidance

一、Tools and Materials Required

To begin with, please prepare tools and materials listed below.

Electric Soldering Iron



Copper Head(Blade type)



Tweezers



Diagonal Cutting Pliers



2.0mm Allen Driver(Hexagon)



Lead

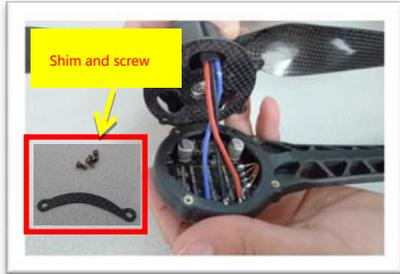


Lead-free Tin Wire

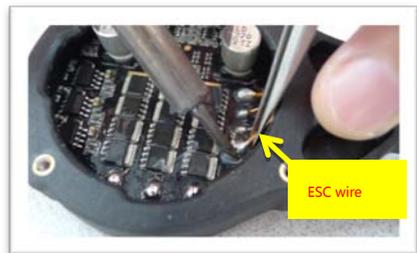
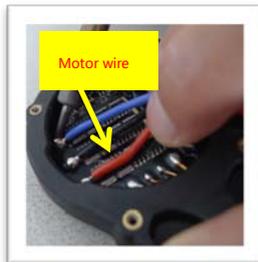


二、Steps

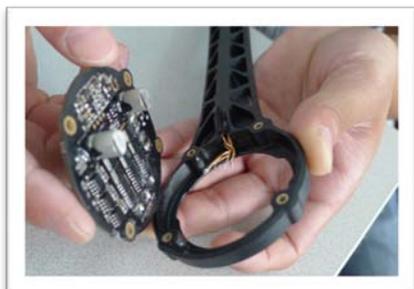
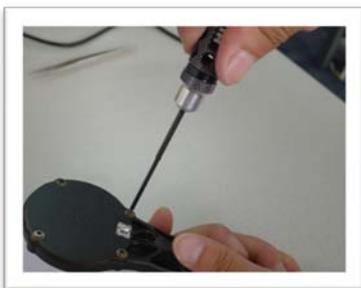
Step 1: Disassemble every motor properly.

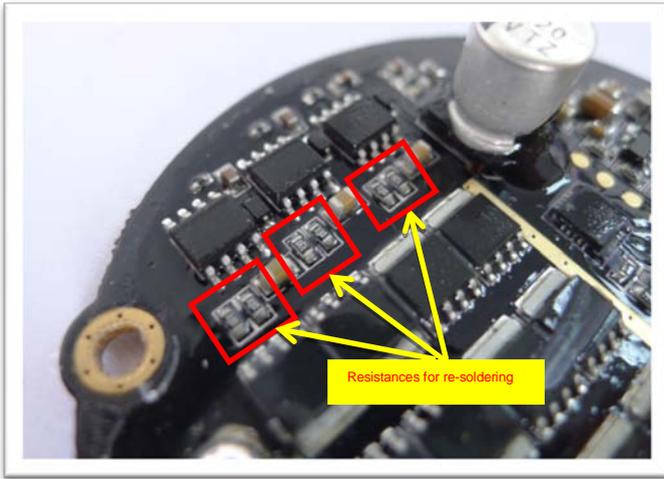


Step 2: After the soldering iron reach to a certain temperature, tip off each motor and ESC leads with a tweezers.

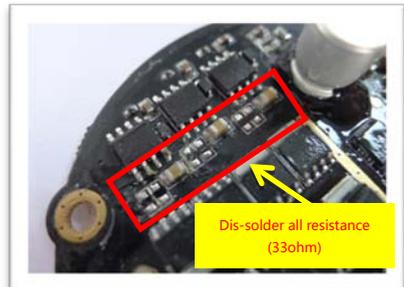
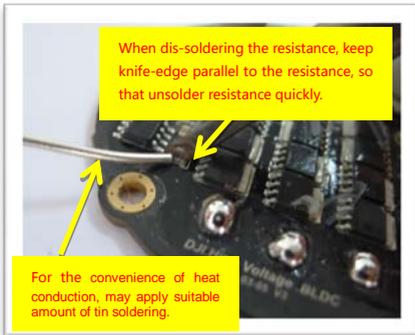


Step 3: Take out the ESC and identify the 6 resistances for re-soldering.

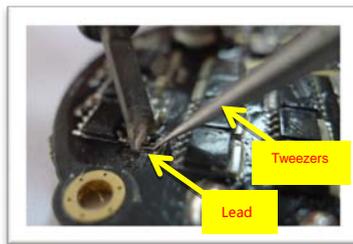
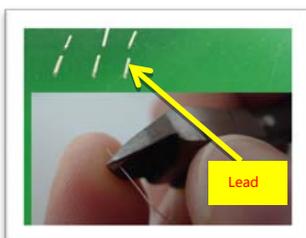


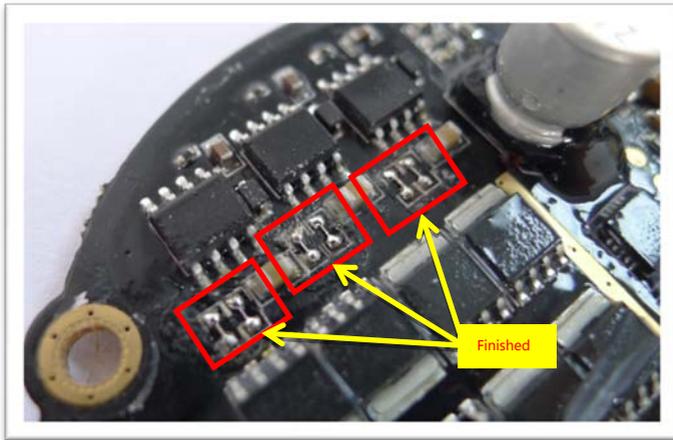


Step 4: Tip off the resistances.



Step 5: Prepare the iron wire (or resistance 0-5 ohm), and solder them to the ESC.





Step 6: Assemble the modified ESC and Motor.

Please refer to P17-P19 of S800 user manual, and pay attention to details. Mount the shim to the correct position, solder the motor wire and ESC wire correctly.

Tips

Should you fail to complete the soldering, please contact your local dealer or DJI.