

## 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

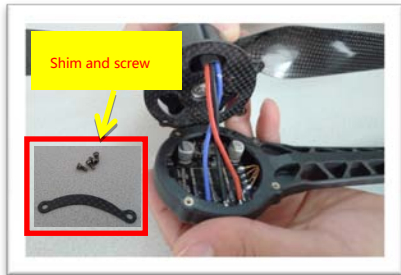


Lead-free Tin Wire

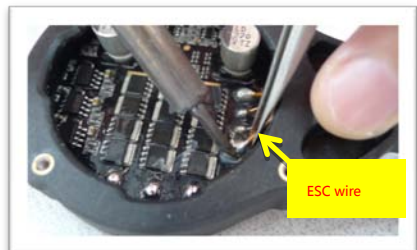
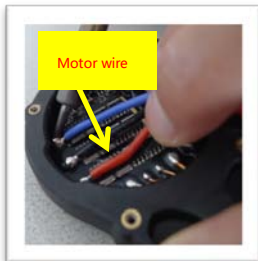


## 二、Steps

Step 1: Disassemble every motor properly.

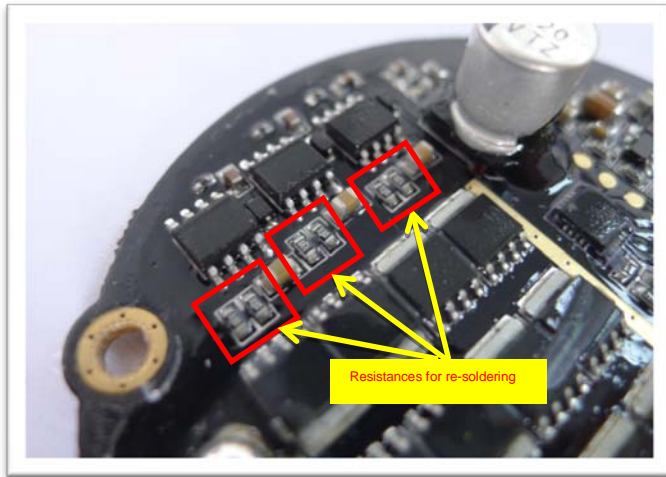


Step 2: After the soldering iron reach to a certain temperature, tip off each motor and ESC leads with a tweezers.

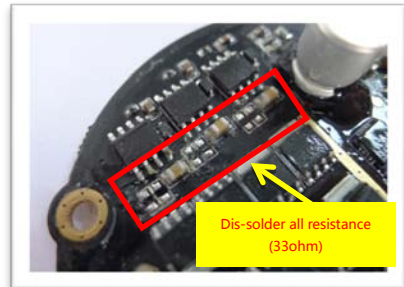
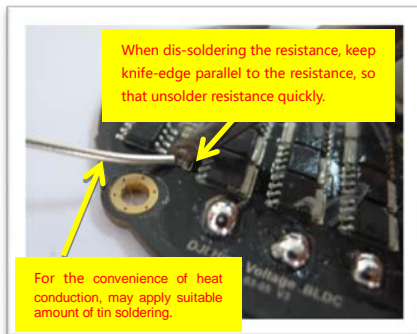


Step 3: Take out the ESC and identify the 6 resistances for re-soldering.

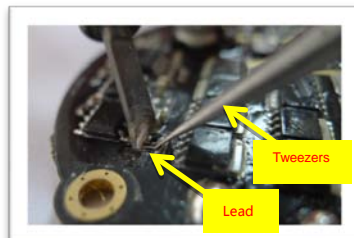
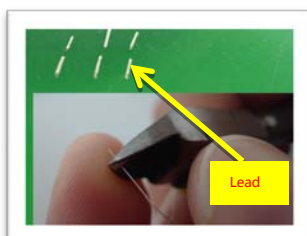


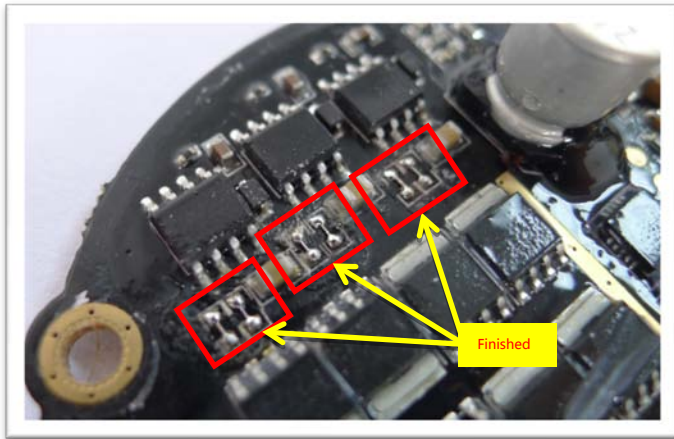


Step 4: Tip off the resistances.



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.

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### Tips

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