

Disassembly instructions

EC072, EC092



A) Safety Precautions:

1. Do not disassemble the fan when it is running. The high-speed rotating wind wheel has a risk of death;
2. Do not disassemble the machine with power on, there is a risk of death due to strong voltage;
3. Do not disassemble the fan that has just stopped running. The heat generated by the fan operation may cause injury;
4. The fan can only be disassembled after fully discharging the power of the capacitor in the fan. There is a risk of injury if the voltage in the capacitor is higher than 50V;
5. An electric soldering iron will be used during the disassembly process. The operator should be proficient in using the electric soldering iron. When used improperly, there is a risk of injury due to the high temperature of the electric soldering iron;
6. Screwdrivers, tweezers, spring pliers and other tools will be used during the disassembly process. Operators should master the use of corresponding tools, and there is a risk of injury if they are used improperly;
7. The rotor and the stator are connected by a shaft, and the rotor is strongly magnetically adsorbed, so there is a risk of injury;

B) Preparations before disassembly:

1. Turn off all the power, stop the fan for more than 5 minutes, and the casing is not hot;
2. Remove all pollutants outside the fan such as the wind wheel and the casing;
3. Remove the external parts of the fan and check whether these parts can be reused;
4. Check the safety isolation between the fan and the power supply, and disconnect all cables;

D) Tools used for disassembly:

		
<p>A round spacer</p>	<p>B Allen wrench</p>	<p>C Soldering Stations</p>
		
<p>D tweezers</p>	<p>E Phillips screwdriver</p>	<p>F Circlip pliers</p>

D) Disassembly procedure

1. Put the fan on tool A and protect the fan wheel when disassembling



2. Use tool B to remove the 3 screws of the rear cover



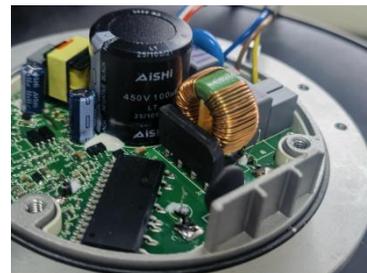
3. Open the back cover and take out the thermal silicone sheet



4. Take off the back cover;;



5. Using tools C, D, remove the solder leads;



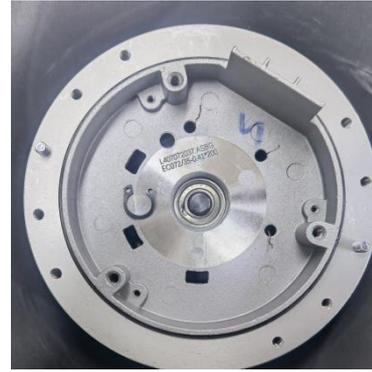
6. Using tools C, D, remove the solder leads;



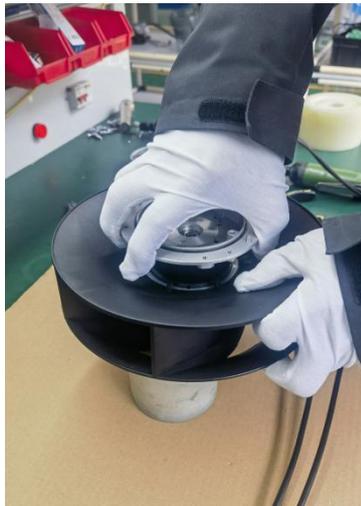
7. Remove the electric control board and insulation cover;



8. Use tool F to remove the circlip (the circlip cannot be reused)



9. Hold down the impeller with one hand and pull out the stator with the other hand



10. Disassemble parts (bearings cannot be reused)

