



仓温净化器M2

Chamber Heater with Purifier M2

自助维修手册-热熔断组件更换

DIY Repair Manual – Thermal Fuse Assembly Replacement



重要提示：开始维修前，请先切断产品电源！

Important Notice: Before starting any repair, disconnect the product from the power supply!

故障描述

Fault Description

仓温净化器内含加热器件，为确保使用安全，热熔断组件将在加热组件温度过热时切断总电源。若热熔断组件开路，仓温净化器M2将无法通电工作，所有灯光亦处于熄灭状态。

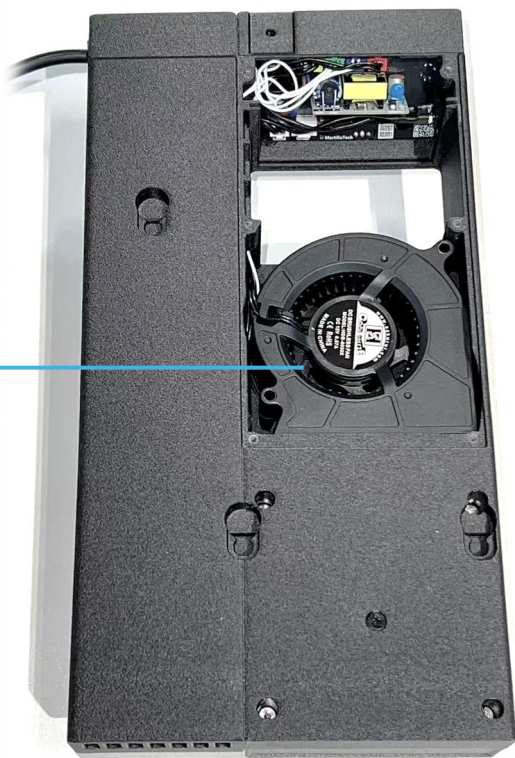
The Chamber Heater with Purifier M2 contains heating elements. To ensure safe operation, the thermal fuse assembly will cut off the main power supply if the heating component overheats. If the thermal fuse assembly is open-circuited, the heater will not power on, and all indicator lights will remain off.

可能的原因：

Possible Causes:

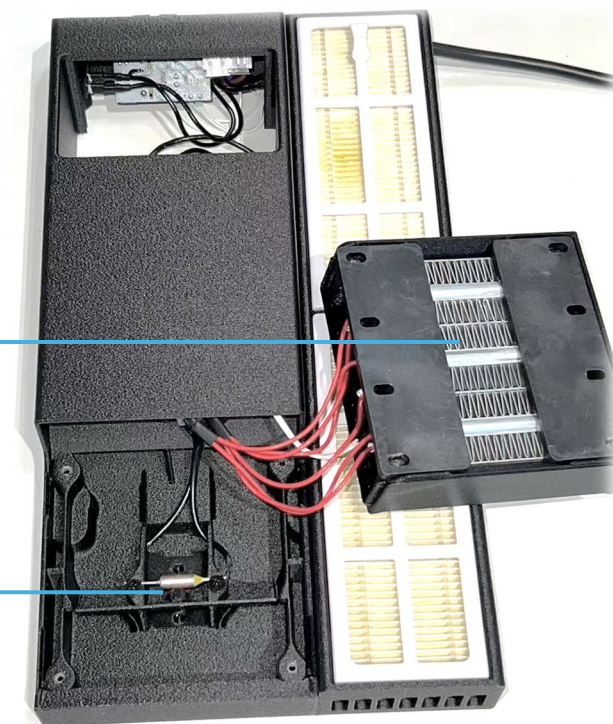
- 风扇运转故障，导致加热器温度过高，触发热熔断器熔断保护
Fan malfunction, causing the heater temperature to rise excessively and triggering the thermal fuse to blow for protection

风扇
Fan



加热器
Heater

热熔断器组件
Thermal Fuse
Assembly



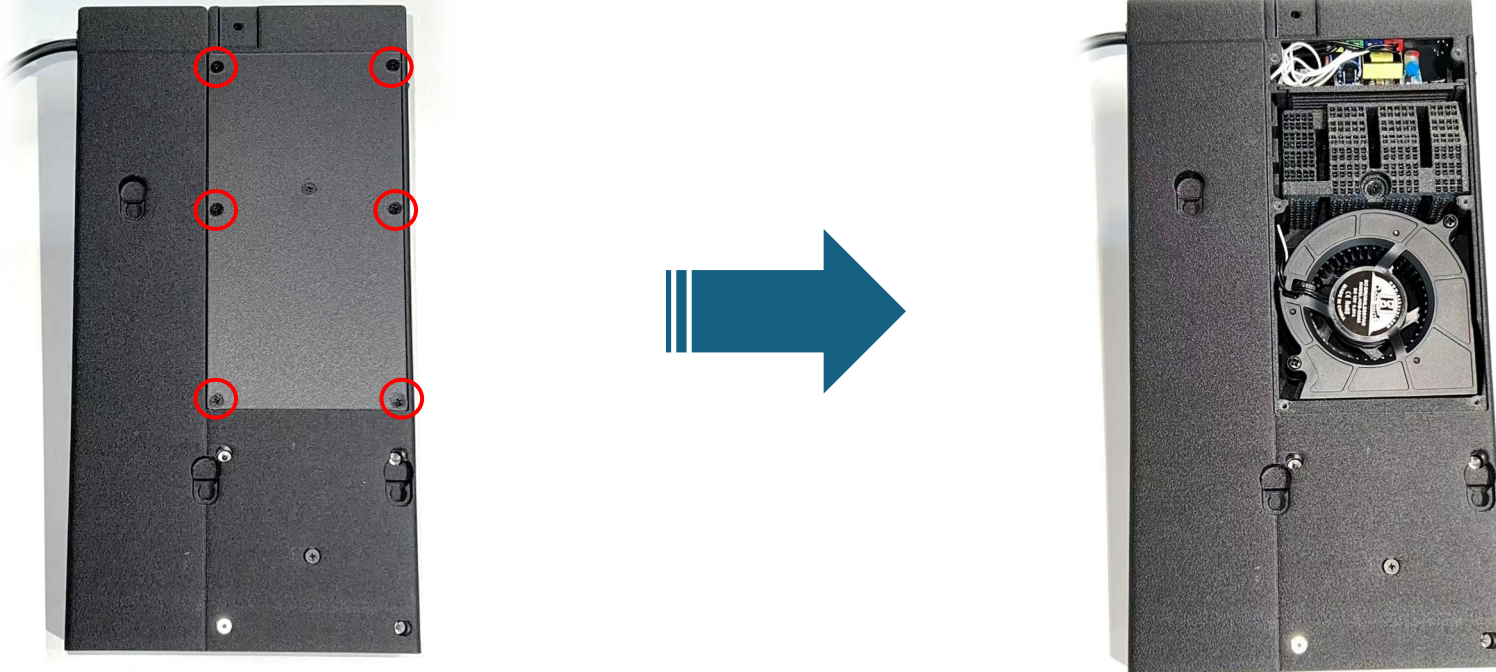
故障排除 Troubleshooting

工具、设备及材料 Tools, Equipment, and Materials

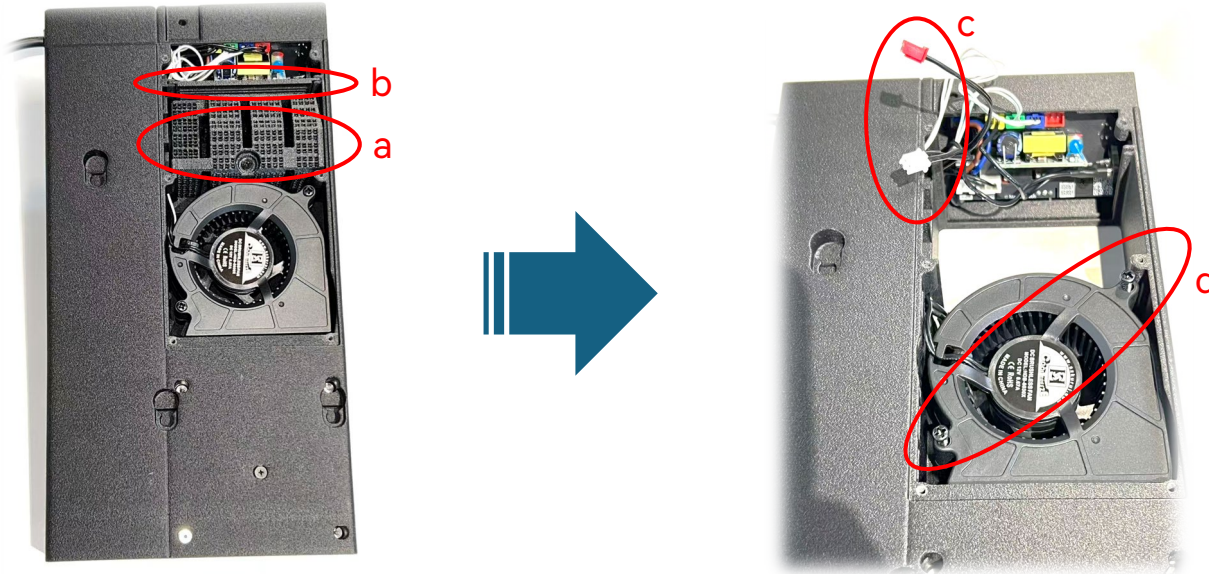
PH1十字螺丝刀、T8梅花螺丝刀、全新M2涡轮风扇、全新M2热熔断路器组件
PH1 Phillips screwdriver, T8 Torx screwdriver, new M2 turbo fan, new M2 thermal fuse assembly

维修替换措施 Repair and Replacement Procedure

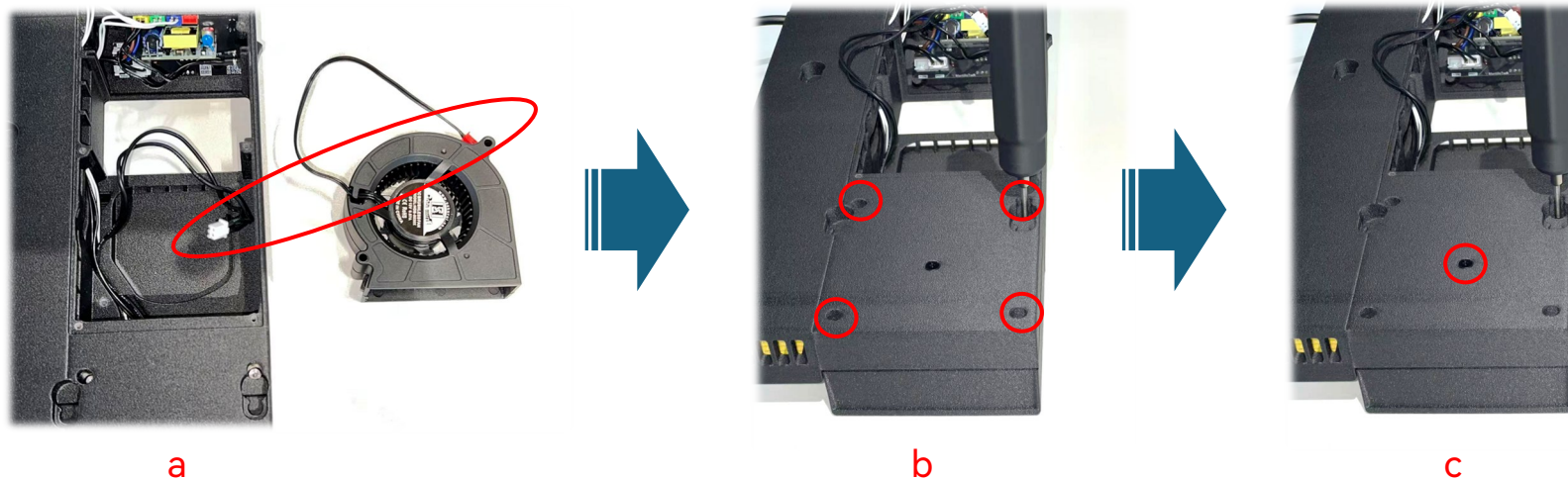
- 步骤1：将仓温净化器M2断电后从打印机中取出，取下M2背后长方形盖板的6颗十字螺丝，随后取下长方形盖板。
- Step 1: After disconnecting the M2 from the power supply, remove it from the printer. Remove the 6 Phillips screws from the rectangular cover plate on the back of the M2, then take off the rectangular cover plate.



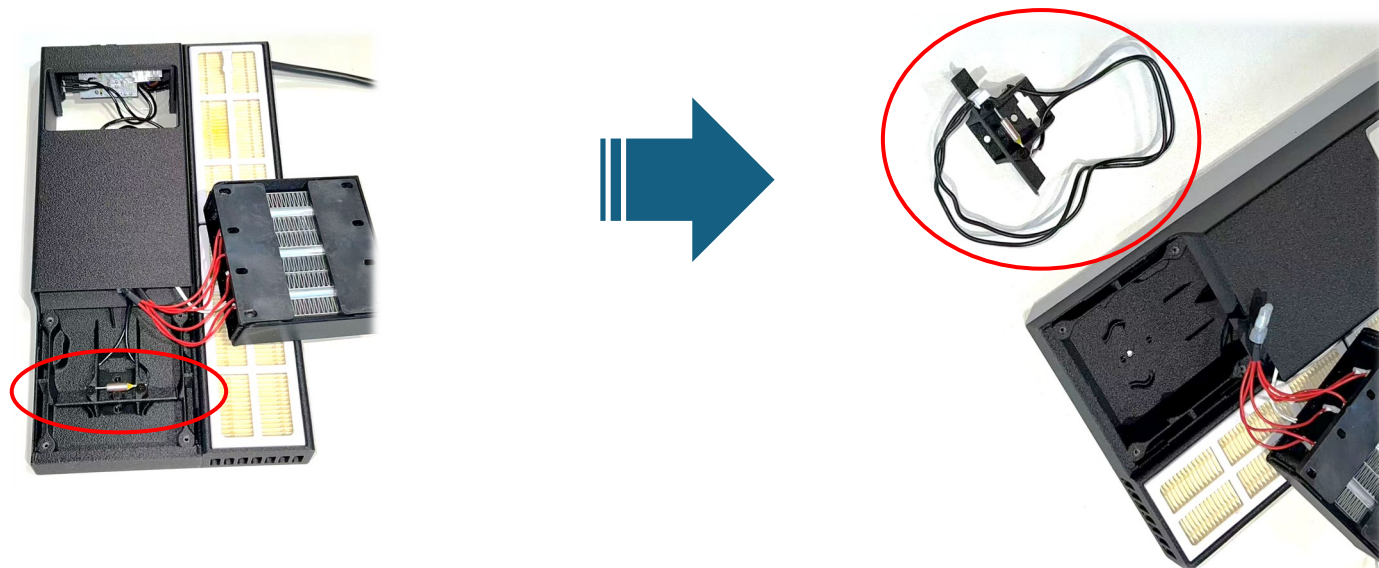
- 步骤 2: a、取出活性炭滤芯。b、取出电路板下方的保护塑料网。c、拔出风扇插头（2孔红色）与热熔断组件插头（2孔白色）。d、取下固定风扇的2颗螺丝。
- Step 2: a. Remove the activated carbon filter cartridge. b. Remove the protective plastic mesh located below the circuit board. c. Unplug the fan connector (2-pin, red) and the thermal fuse assembly connector (2-pin, white). d. Remove the 2 screws securing the fan.



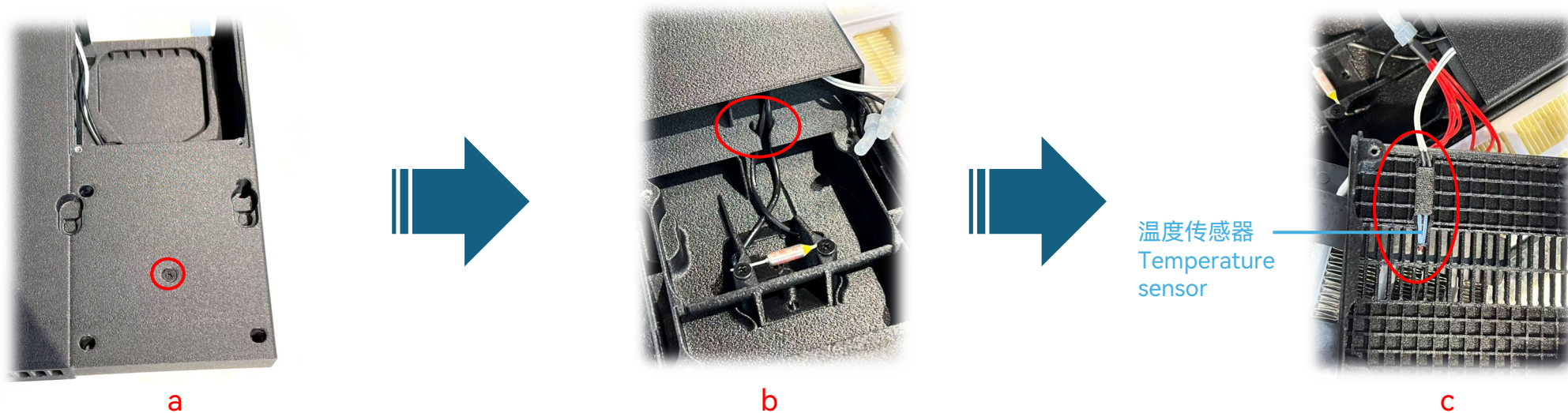
- 步骤 3: a、取出风扇，并将风扇插头与热熔断组件插头从线槽中小心拉出。b、使用T8梅花螺丝刀取下固定加热器的4颗螺丝。c、取下固定热熔断组件的1颗螺丝。
- Step 2: a. Take out the fan, and carefully pull the fan connector and the thermal fuse assembly connector out from the wiring slot. b. Use a T8 Torx screwdriver to remove the 4 screws securing the heater. c. Remove the 1 screw securing the thermal fuse assembly.



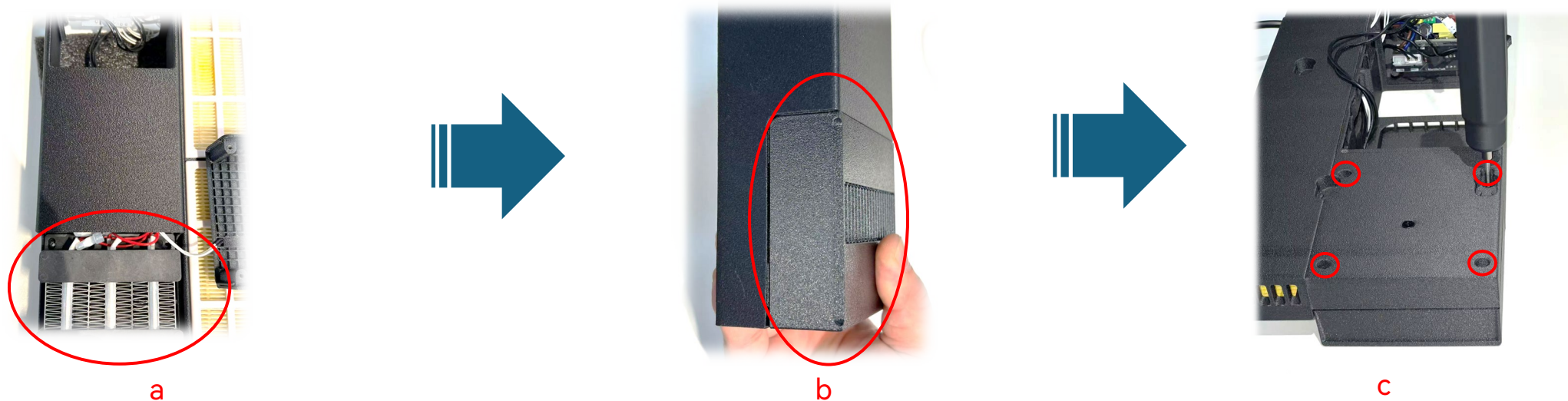
- 步骤 4: 取下热熔断器组件。
- Step 4: Remove the thermal fuse assembly.



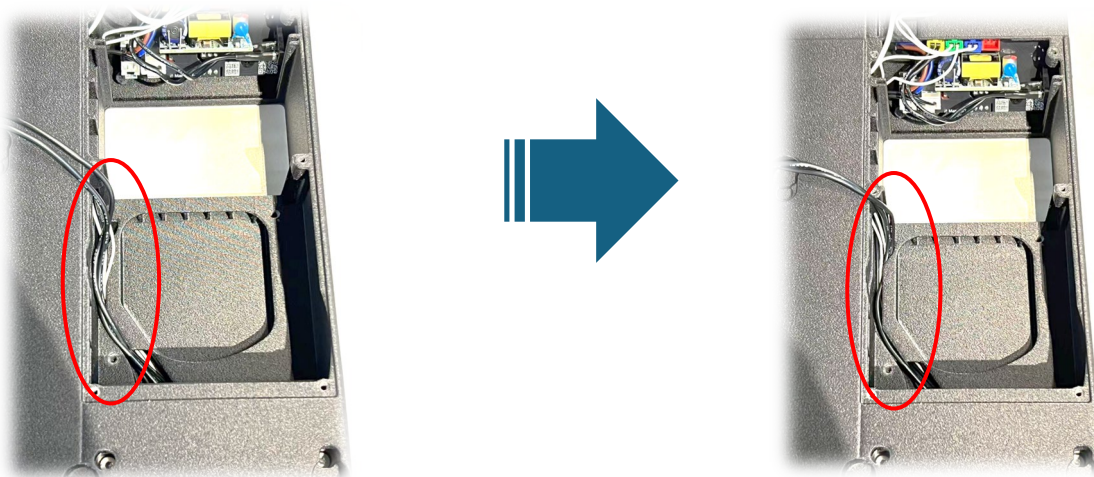
- 步骤 5: a、使用原螺丝固定全新的热熔断器组件。b、将热熔断器的导线可靠卡入图中线槽。c、确保热风口温度传感器塞入图中热风口位置。
- Step 5: a. Secure the new thermal fuse assembly using the original screws. b. Securely press the thermal fuse wires into the wiring slot as shown in the illustration. c. Ensure that the hot air outlet temperature sensor is inserted into the hot air outlet position as shown in the illustration.



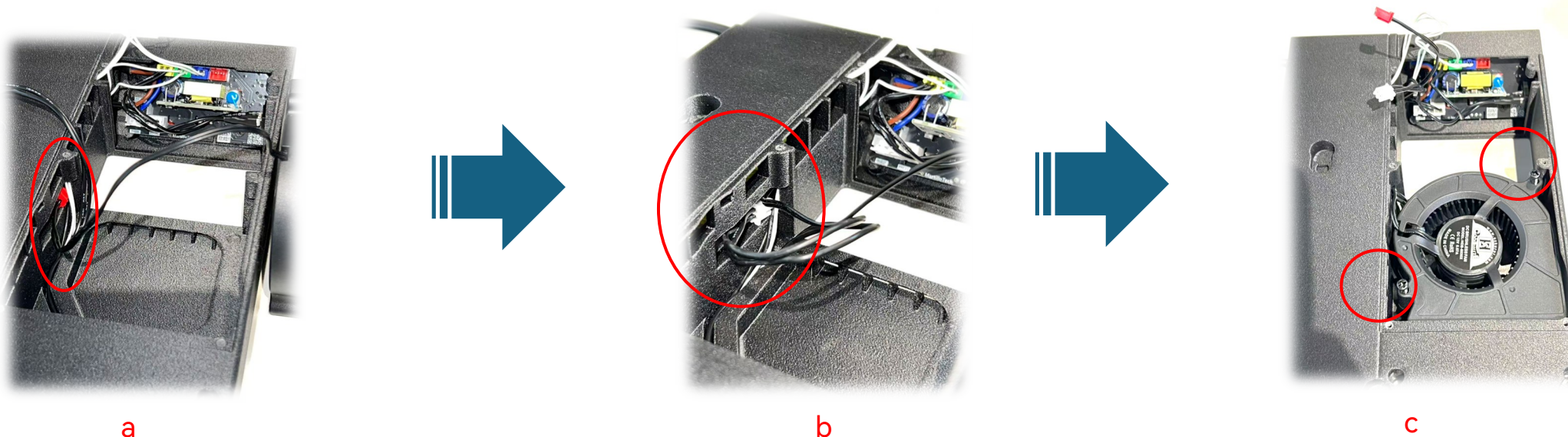
- 步骤 6: a、将加热器放入图示位置, 并确保没有挤压热熔断路器组件导线。b、将热风口塑料壳盖回。c、使用T8梅花螺丝刀固定4颗加热器固定螺丝。
- Step 6: a. Place the heater into the position shown in the illustration, and ensure that the thermal fuse assembly wires are not pinched or compressed. b. Reinstall the plastic housing over the hot air outlet. c. Use a T8 Torx screwdriver to secure the 4 heater mounting screws.



- 步骤 7: 将热熔断路器组件与加热器导线塞入线槽, 需注意不要破坏导线绝缘层, 以避免导致短路风险。
- Step 7: Tuck the thermal fuse assembly wires and the heater wires into the wiring slot. Take care not to damage the wire insulation, as this could create a risk of short circuit.



- 步骤 8: a、将风扇红色插头小心穿过导线槽。b、将热熔断器组件插头小心穿过导线槽。c、拧紧固定风扇的2颗螺丝。
- Step 8: a. Carefully route the red fan connector through the wiring slot. b. Carefully route the thermal fuse assembly connector through the wiring slot. c. Tighten the 2 screws that secure the fan.



- 步骤 9: a、将风扇插头与热熔断器组件插头插到对应颜色插座。b、插回电路板下方的塑料保护板（塑料板凸起面朝向风扇）。c、装回M2背后长方形盖板，并紧固对应的6颗螺丝。
- Step 9: a. Plug the fan connector and the thermal fuse assembly connector into their corresponding color-coded sockets. b. Reinsert the plastic protective board below the circuit board (with the raised side of the plastic board facing the fan). c. Reinstall the rectangular cover plate on the back of the M2, and tighten the corresponding 6 screws.

