

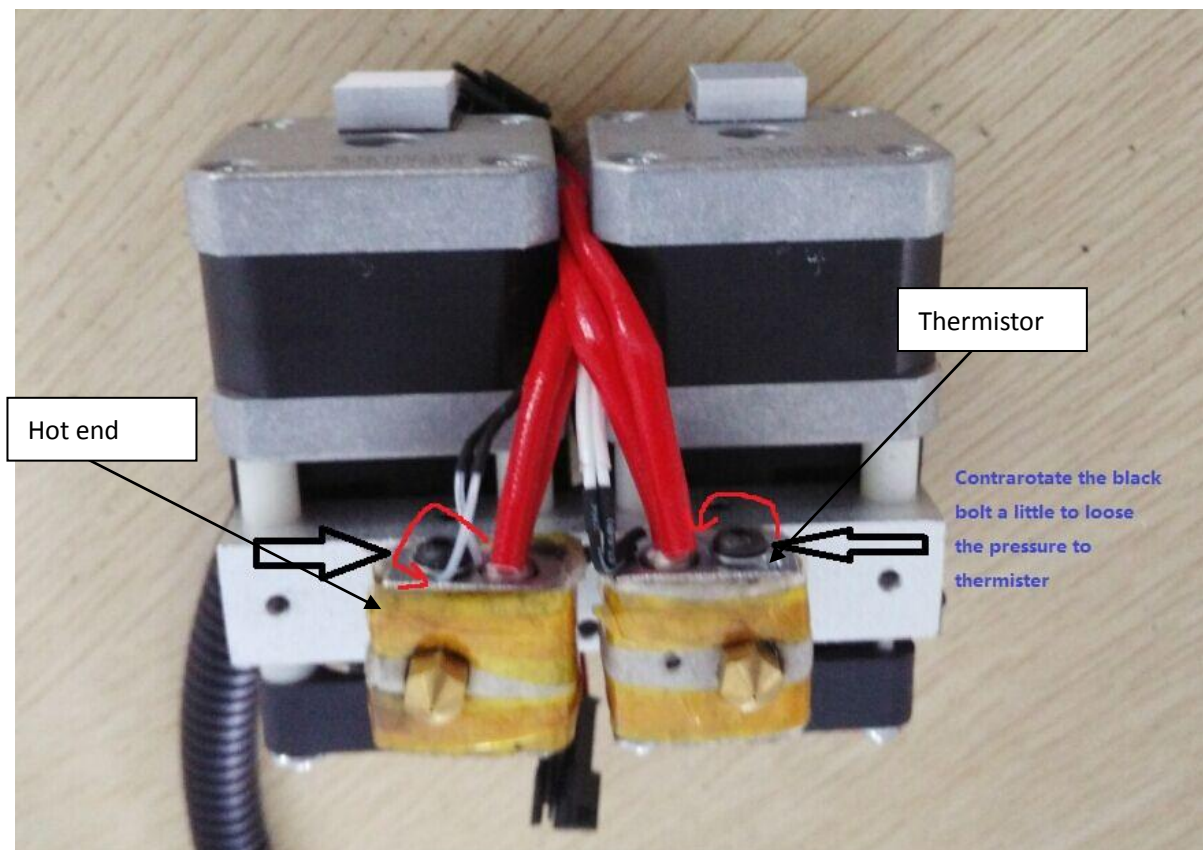
Replace the thermistor (not heating or moving)

Please be careful for human electrostatic especially in winter when touching the motherboard or extruders or laser.

In our workshop, we have antistatic control worktable and antistatic bracelet now. Before this, we also met motherboard problems because of electrostatic.

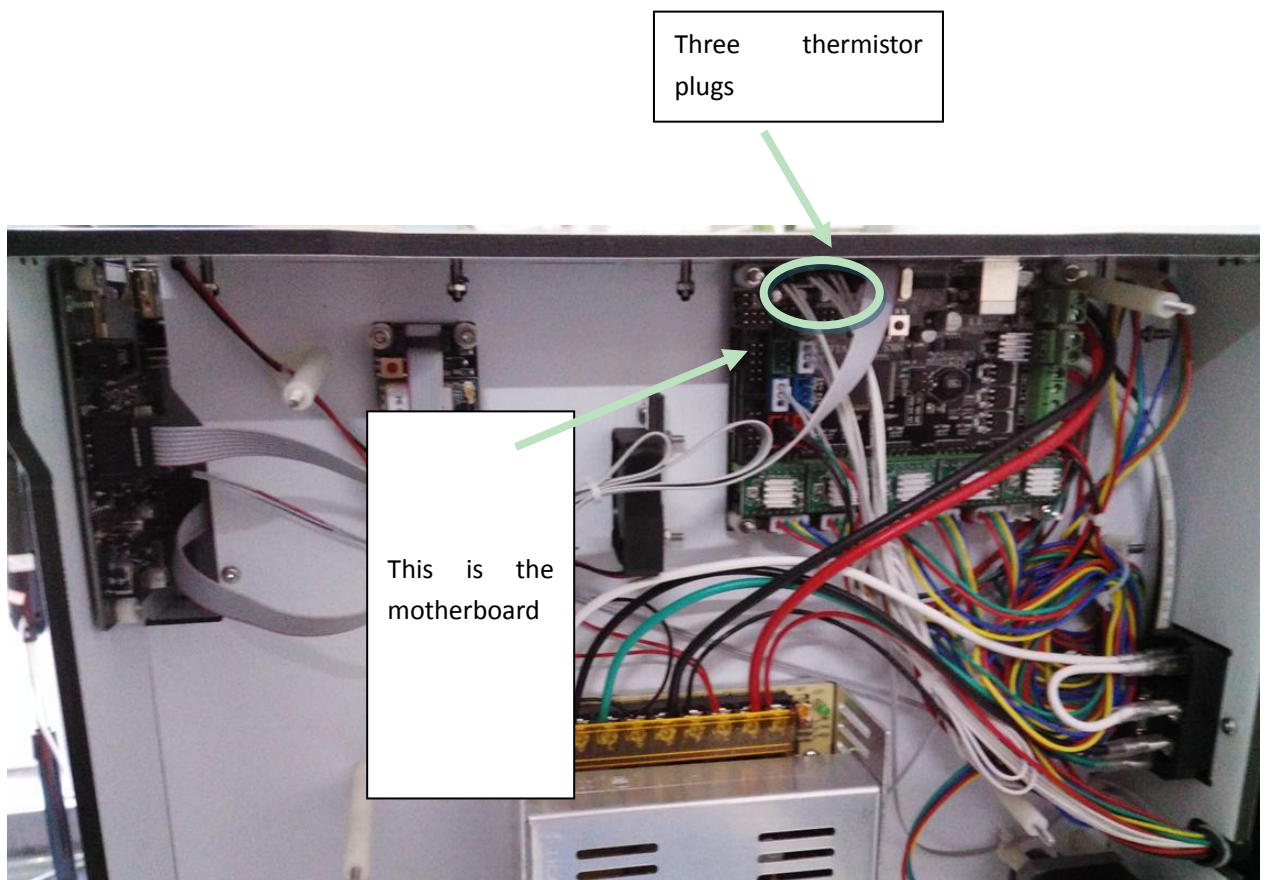
But for printer users, it is hard to have the antistatic devices as us. The easiest way is that we can touch the metal part nearby by hand first before touching the motherboard or extruders or laser. So the electrostatic usually will be gone before touching the motherboard or extruders or laser.

When extruder' s temperature or bed' s temperature shows **-20** or **0** or a **very big number** such as **386**, that means the thermistor has the problem. Defect thermistor will let the printer protect itself to stop the heating or moving or printing . **If the extruder or bed temperature shows big value such as 386 or 896**, usually you can do as the photo below, and the problem will be solved.



If the extruder or bed temperature shows -20 or 0, you have to replugin the thermistor connector on the motherboard or replace the spare thermistor we sent with the printer.

Turn the printer aside, and take the printer bottom panel off (Your warranty will be still valid, please don't worry about the warranty seal), you will see the motherboard.



Point: Take the photoes as many as you can to record the original wiring, and mark the connector to recognize the wire easily. **Please power off the printer first before every connection on the**

electrical board .

Sometimes the thermistor connector is fallen off from the electrical board or loose, and you just replug it and the problem solved.

When you replace the thermistor, **please don't stick to the extruder' s hot end first, just connect on the electrical board**, and power on the printer to check whether the thermistor is ok or not. **Thermistor is very fragile. Please be very very careful**. Then insert the thermistor to the hole on hot end and tie the thermistor to the hot end **just let a little contact with black bolt, not to press the thermistor, or the thermistor will be broken.**

Please mark the thermistor, and connect it in correct terminal, or the cartridge heater and thermistor will be burnt.

