



THERMISTER CHECK AND REPLACEMENT

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TOOLS:

- [Multimeter](#) (1)
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Step 1 — CHECKING OF THE TEMPERATURE



- Check the nozzle and bed temperature after power on the machine. Both temperature should be in between 30 to 40 degree before preheat. It is the room temperature.
- If the temperature showing is below or too much above the room temperature, that means that any problem in heater or thermistor.

Step 2 — HOW TO CHECK THERMISTOR?



- Remove the thermistor connection from the printer board of the nozzle. Remove the wire connector of the thermistor.
- Take a multimeter and connect in the thermistors two leg by putting the multimeter knob into resistance value.
- If the thermistor is showing a value of above 60 ohm means, it is working. Else you have to change the thermistor and connect it back in the same way. And go to next step.

Step 3 — CHECKING CONTINUITY OF WIRE



- Take the connecting wire of thermistor with connector at one end.
- Take the multimeter, connect the prob of multimeter on the two ends of the wire and also go for continuity test option in the multimeter.
- If it is having continuity, the multimeter will produce a beep sound, else we can understand the wire has to be changed.

Step 4 — RECONNECTION AND CHECKING



- After checking these things , reconnect the thermistor connection.
- Now go to prepare
- click preheat

Step 5 — CHECKING TEMPERATURE



- Go to main menu, you can see the temperature is increasing or not.
- If it is increasing, it means the nozzle is working.

To reassemble your device, follow these instructions in reverse order.