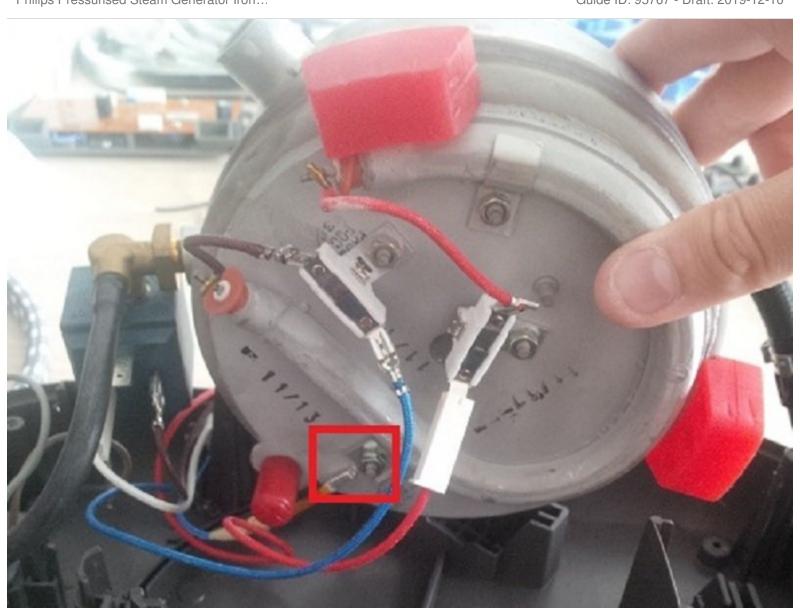


Philips Pressurised Steam Generator Iron GC8220 and Similar Models' Temperature Sensor (NTC Thermistor) Replacement

Continuing from GC8220 Teardown guide, This is about its temperature sensor.

Written By: Omid



INTRODUCTION

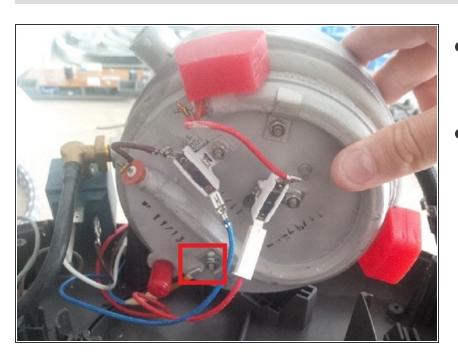
There is this great teardown guide for Philips Steam Iron:

Philips Pressurised Steam Generator GC8220 Teardown

I want to clarify about its temperature sensor; that if faulty, it will make problems for the steam function.

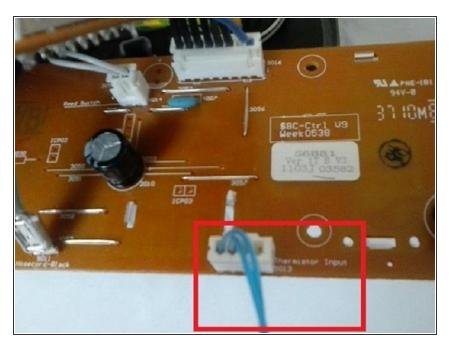
If no Philips spare part is available to you, it can be replaced with a generic from electronics component shops.

Step 1 — Temperature Sensor (NTC Thermistor)



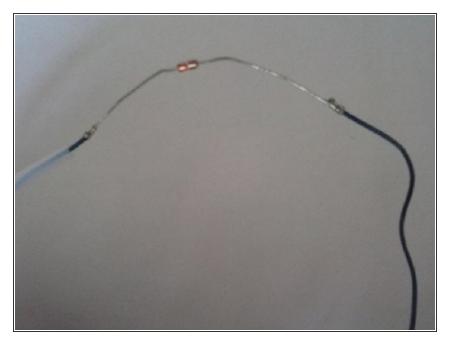
- The Temperature Sensor is attached to the bottom of the Boiler unit.
- It is an NTC Thermistor.

Step 2



It is connected to the Main PCB.

Step 3



 It looks like a diode. But it is a resistor that changes value with temperature.

Step 4



They come in a range of values.
10kOhms ~ 100 kOhms.

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