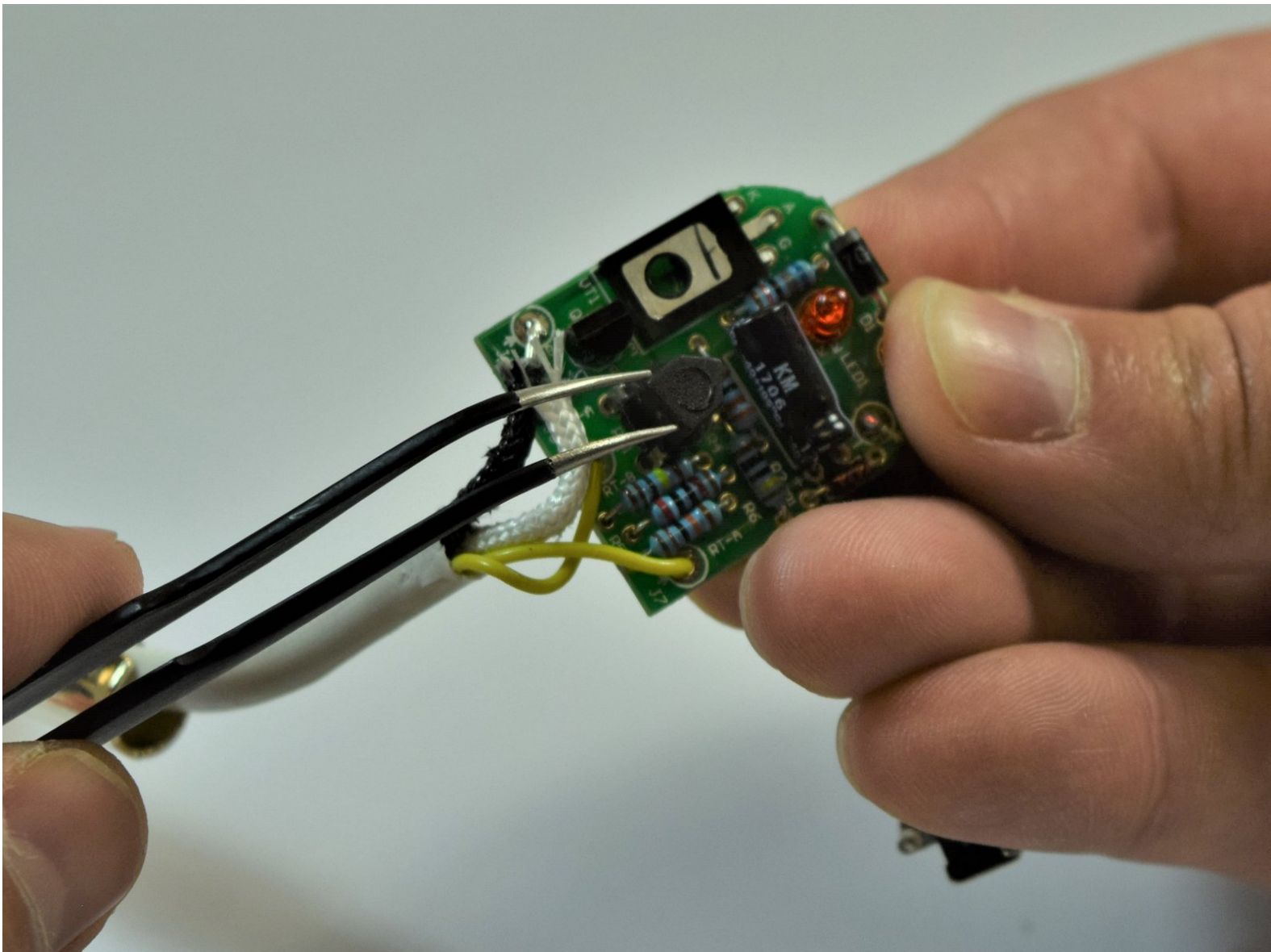




# Hot Tools Professional 1110 Temperature Control Switch Replacement

Step-by-step instructions on how to replace the temperature control switch on the Hot Professionals Curling Iron.

Written By: Celia Ochoa



## INTRODUCTION

Over time and repeated use the temperature control feature may become defective on most curling irons. This guide provides step-by-step instructions on how to replace the temperature control switch. Temperature controllers consist of input-output systems. A type of input sensor and signal is needed depending on the controlled process. Outputs are used to control the process of heating and cooling. This guide does not offer instructions on how to replace individual components of the temperature control system. Replacement of the temperature control switch only is described here.

---

### TOOLS:

- [Tweezers](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [Phillips #2 Screwdriver](#) (1)
  - [Soldering Iron](#) (1)
-

## Step 1 — Hot Tools Professional 1110 Disassembly



- Ensure that you have a clean work station, and that you can easily keep track of small, loose parts.
- In addition, **MAKE SURE IT IS UNPLUGGED FOR ALL FOLLOWING STEPS!**

## Step 2



- Firmly grasp the end of the Iron with the black plastic cap on the heating element end.
- With your free hand, use tweezers to firmly grasp the small retaining ring sitting between the heating element and the handle body.
- Once you have a firm grasp, pull up on the retaining ring, and it should come loose.

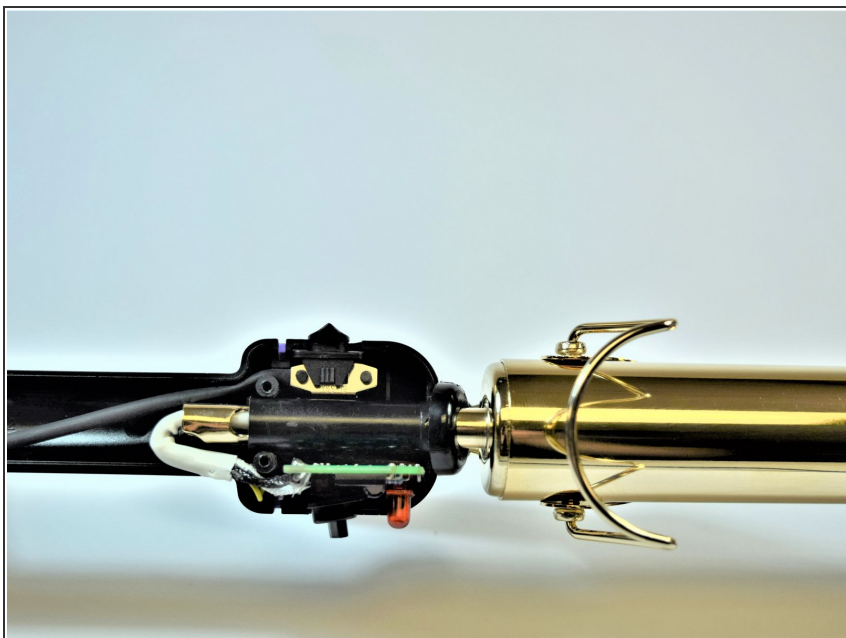
This document was generated on 2019-09-22 08:25:50 AM (MST).

### Step 3



- With the ring loose, turn the handle body over, and you will see three screw holes.
- Take a PH1 screwdriver, and loosen up all three 6mm Phillips #1 screws in the handle body.

### Step 4



- Once the screws have been removed, set them aside and with a pry tool, firmly pull the handle body apart in half lengthwise.

## Step 5



- For removing the clamping mechanism, firmly grasp the iron in your hand by the handle body, and locate the screw as shown in the picture.
- Remove the screw shown (8mm Phillips #2 Pan Head) and when finished do the same for the opposite side.

## Step 6



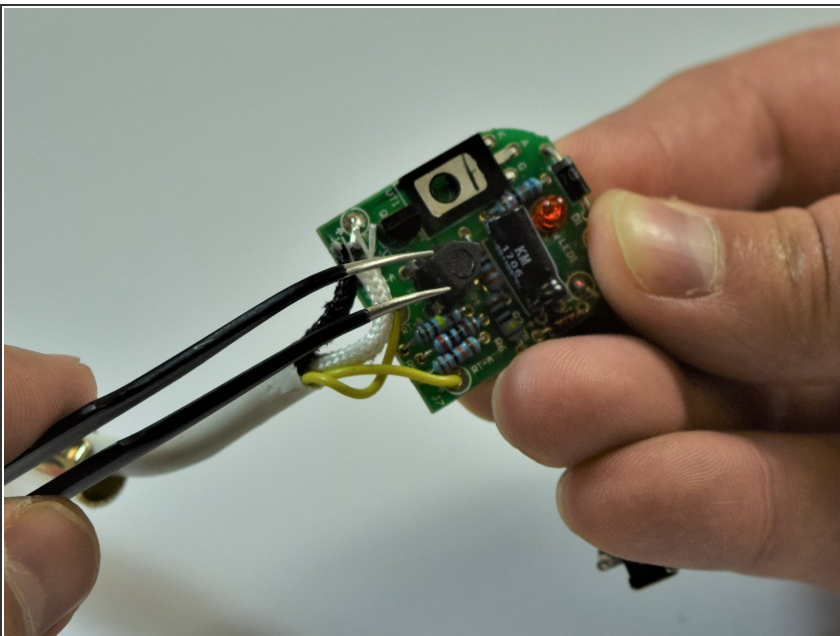
- Once both screws have been removed, continue to remove the top clamping half of the mechanism from the body of the Iron.

## Step 7





- Rotate the handle, and remove the screw that holds on the spring mechanism for the clamp. This screw is a 8mm Phillips #2 Pan Head.
- Once this step is fished your Hot Tools Professional 1110 will be fully disassembled and ready to have its components replaced.

## Step 8 — Temperature Control Switch

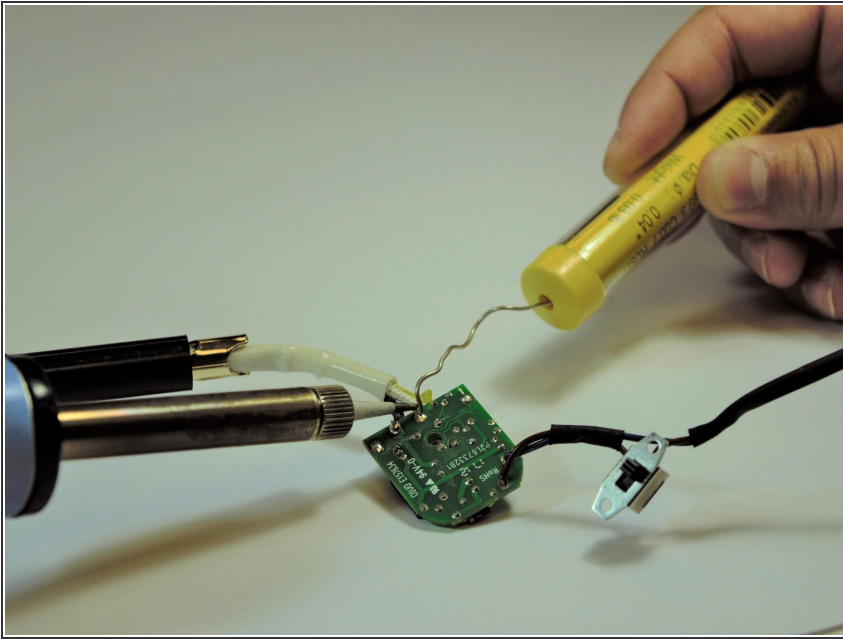


- The temperature control knob will be attached to the circuit board, as shown in the image.
- Using tweezers carefully remove the knob off of the circuit board.

 When removing the knob, try to avoid utilizing excess force as this may cause damage to the neighboring elements on the circuit board.

 For more information on temperature control systems visit: <https://www.instrumart.com/pages/283/tem...>

## Step 9



- ★ To reattach the new temperature control switch, solder the piece onto the board.

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