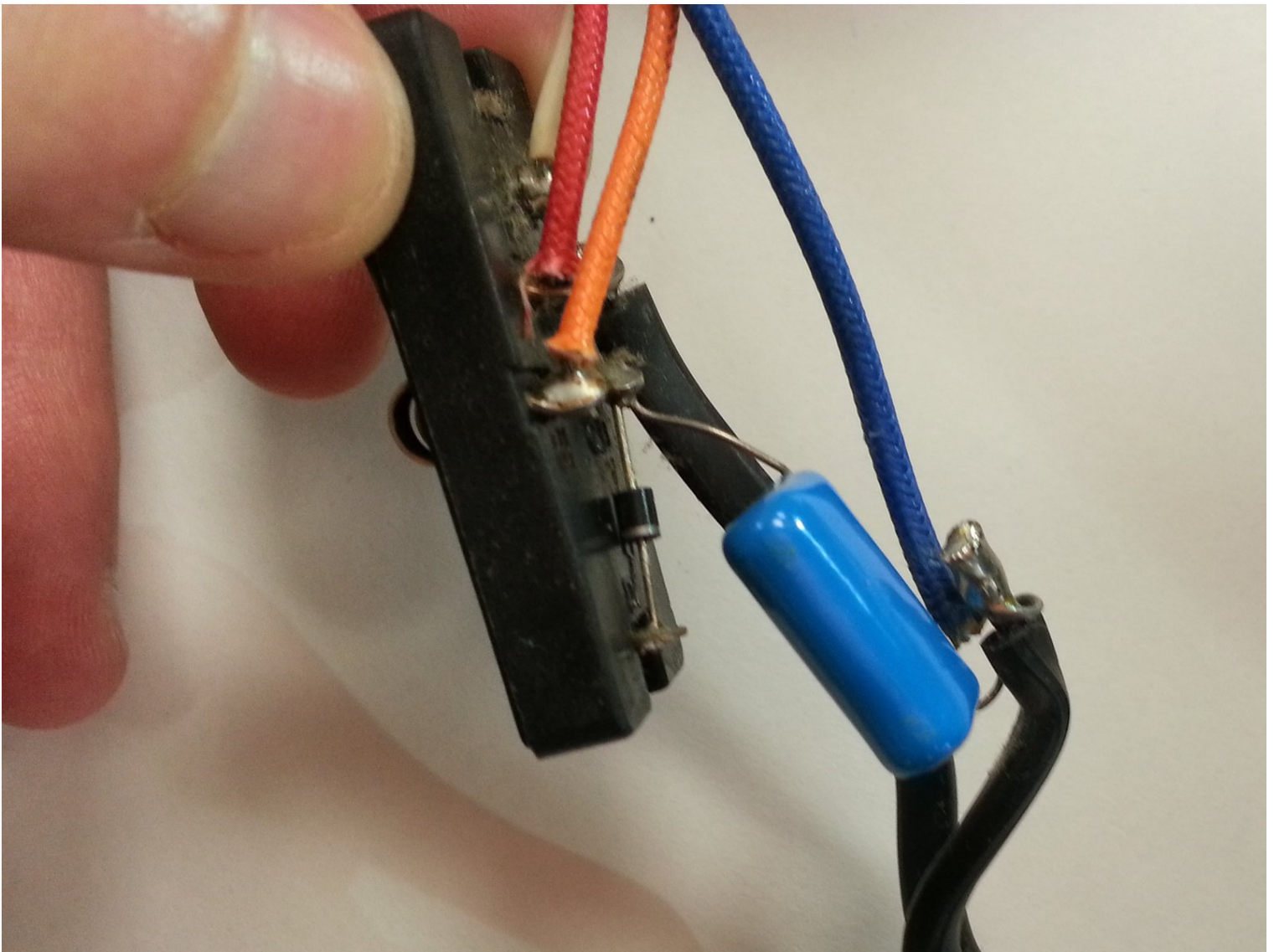




Hair Dryer Button Switchboard Replacement

Is your hairdryer not producing the right...

Written By: Mitch



INTRODUCTION

Is your hairdryer not producing the right amount of heat as it used to? This guide will show you step-by-step how to carefully replace its switchboard from an old to a new.

Before you start, **please turn the hairdryer off and unplug it prior to this repair** and get the following tools: a [Philips #1 Screwdriver](#) and a [plastic opening tool](#) to remove parts of the hairdryer as seen in Steps 2, 5, and 6. Have a [Soldering Workstation](#) at the ready as well.

Pay Close Attention To:

Step 2: Removing the grate will allow you to proceed to step 5 and 6, which leads to 7. If you don't, you won't be able to open the hairdryer properly.

Step 6: Utilize a [plastic opening tool](#) at step 6 to reduce the risk of cracking or damaging the hairdryer cover.

Step 7: In the photo, you can see a **red** circle around where the **TURBO** button is and a **green** around the **SWITCHBOARD**. Next to that, you'll see a circular device above a red wire - that is the internal fan that controls the heating system. In front of the fan is the motor and a heating element cover. Please be careful around these parts. If you need extra guidance or support going forward, ask a professional.

Step 8 & 9: Use the [desoldering wick](#) and [a soldering iron](#) as found in the [Soldering Kit](#) to fix the switchboard and, possibly, the turbo button. This step must be done with caution given the wiring and the process of [desoldering](#) and [soldering](#) to establish [electric flow](#) in the device.



TOOLS:

[Phillips #1 Screwdriver](#) (1)

[Soldering Workstation](#) (1)

Step 1 — Nozzle



- Remove the black air concentrating nozzle by gently twisting and pulling the nozzle.

ⓘ If nozzle is not attached, skip to next step.

Step 2 — Grating



- Using a screwdriver, remove the screw located underneath the air concentrating nozzle. This screw attaches the hair dryer body to the hair dryer grating.

ⓘ For most hair dryers, use a Phillips #1 screwdriver. For hair dryers with smaller screws, consider using a Phillips #00 screwdriver.

Step 3



- Detach the hair dryer grating from the body by gently twisting the grating from side to side.

Step 4



- Separate the hair dryer grating into the three pieces seen in the image.

Step 5 — Button Switchboard



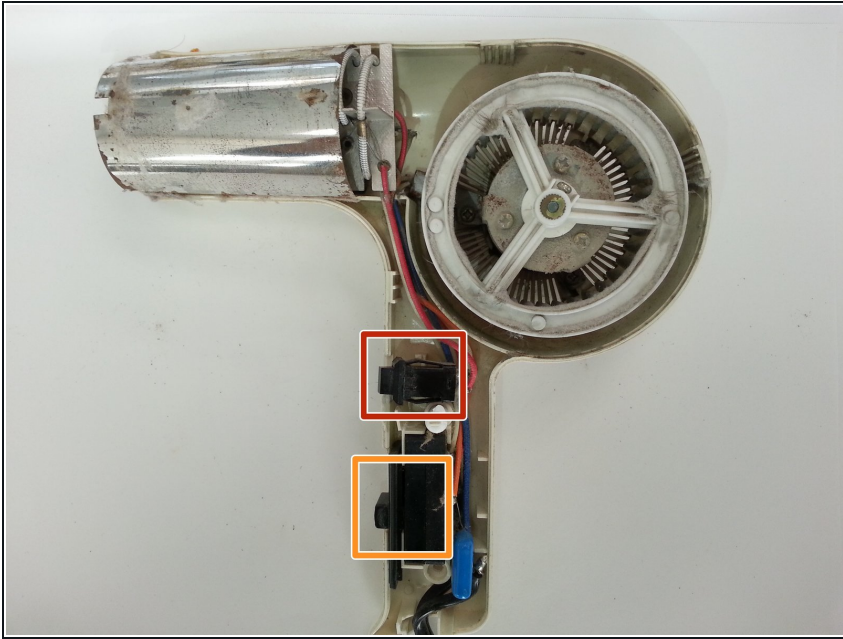
- Using a Phillips #1 Screwdriver, remove the screws located on the hair dryer handle.

Step 6



- Using a [plastic opening tool](#), carefully remove the front face of the hair dryer plastic case.

Step 7

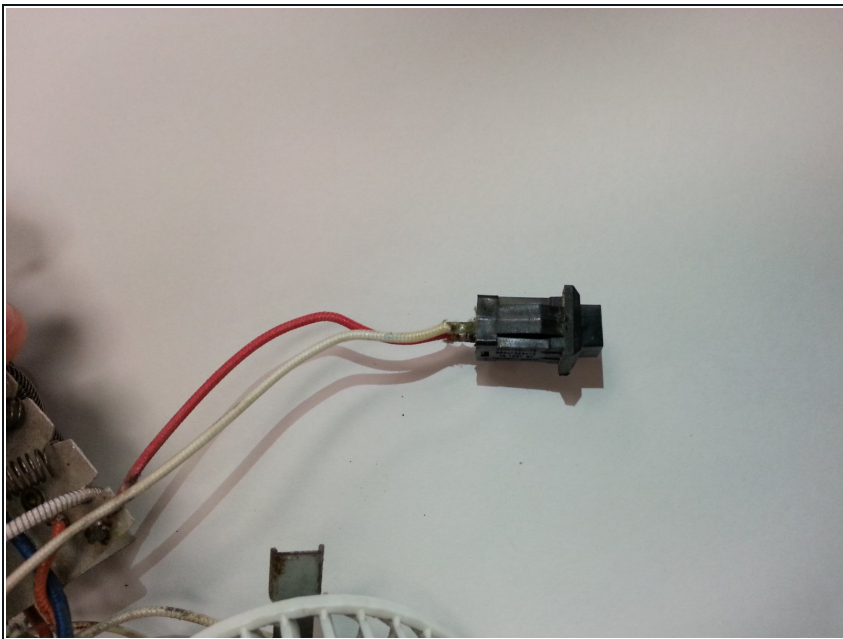


- The hairdryer is now disassembled. The fan, motor, heating element cover, and internal wiring are exposed.

⚠ Please be careful around these parts of the hairdryer. Even if the device is off, they may be warm to the touch.

- This is the **TURBO** button.
- This is the **SWITCHBOARD** button.

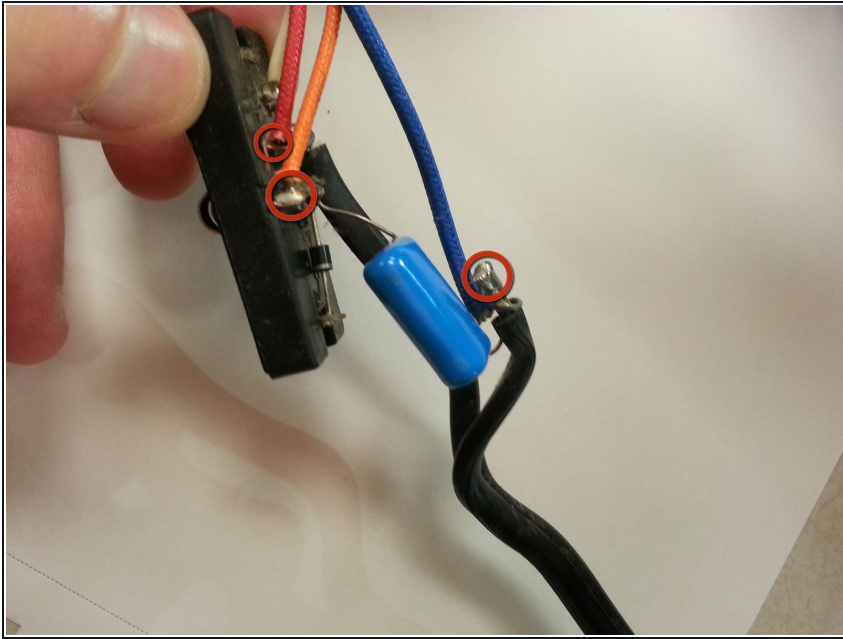
Step 8



⚠ Gently pull the turbo button away from the hair dryer body.

- ⓘ If the turbo setting is still not working after you replace the switchboard, consider using soldering techniques to replace the turbo button. It may be why the hairdryer is not working properly, too.

Step 9



⚠ Gently pull the button switchboard away from the hair dryer body.

- Using a desoldering wick and a soldering iron, desolder the wires. This will [help with the electrical connection](#) issues that may be occurring.
- ⓘ Refer to the following page for desoldering instructions: [Soldering Skills](#)

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