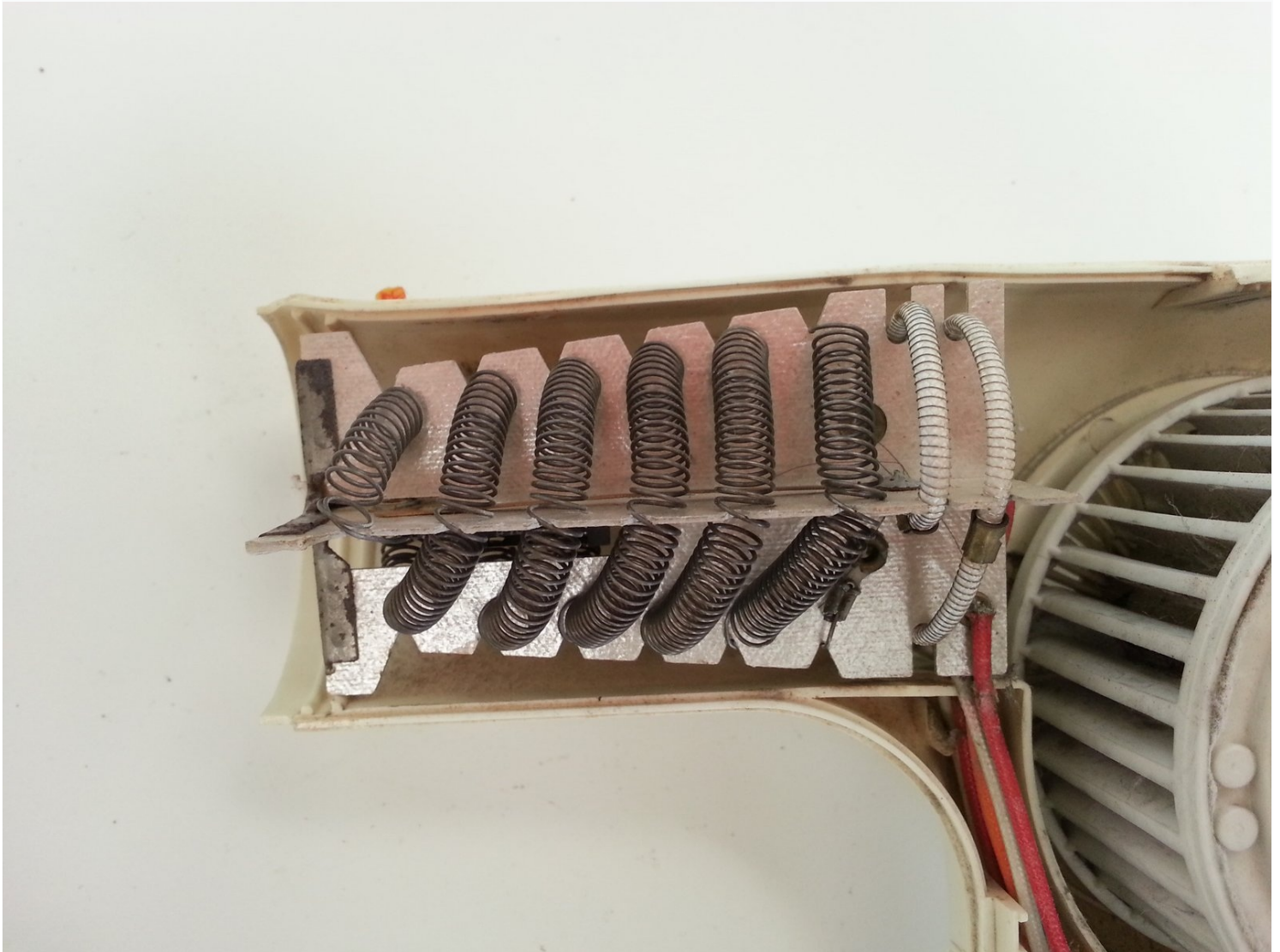




Hair Dryer Heating Element Replacement

Is your hair dryer only blowing cold air? You...

Written By: Mitch



INTRODUCTION

Is your hair dryer only blowing cold air? You most likely need a new heating element. Use this guide if you are looking to remove and replace a heating element for any standard electric hair dryer. You will save money and learn more about your handheld dryer. For information about soldering/desoldering, please review this [guide](#) as it does require specific skills. As always, please solder in a well ventilated area. If your hair dryer is sensitive, be sure sure to work with electrostatic discharge (ESD)-safe tools in an ESD-safe environment.

TOOLS:

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

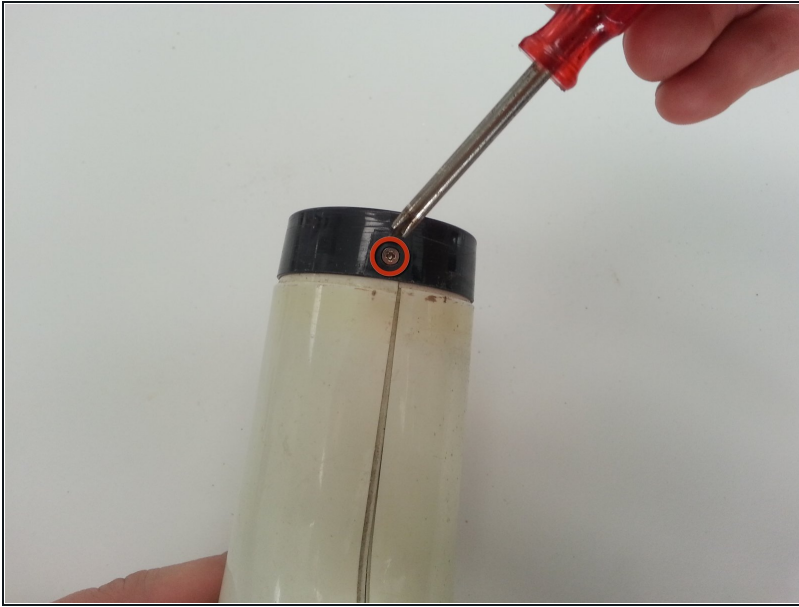
[Soldering Workstation](#) (1)

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.

i 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



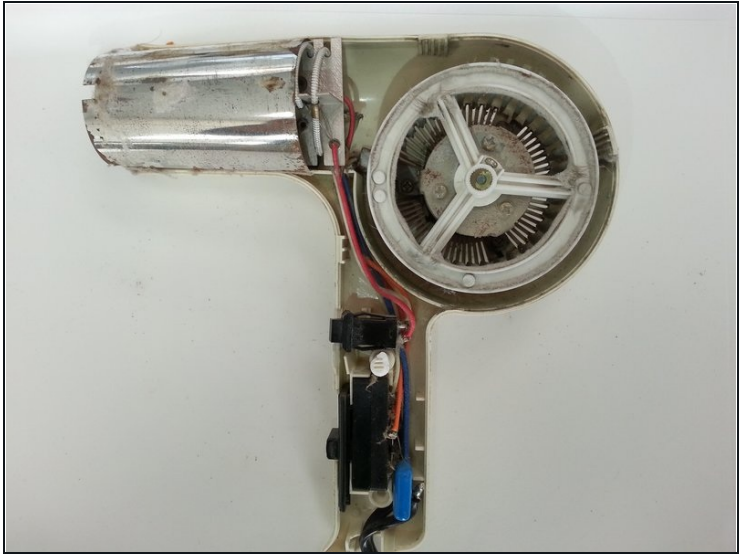
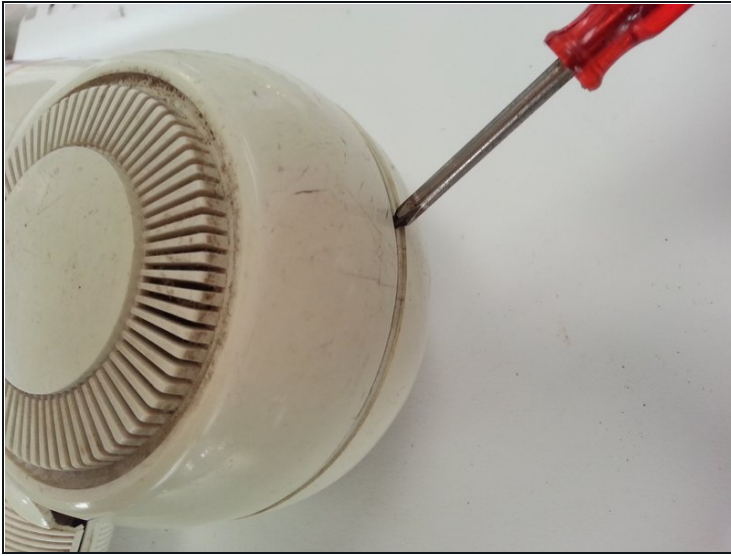
- Separate the hair dryer grating into the three pieces seen in the image.

Step 5 — Heating Element



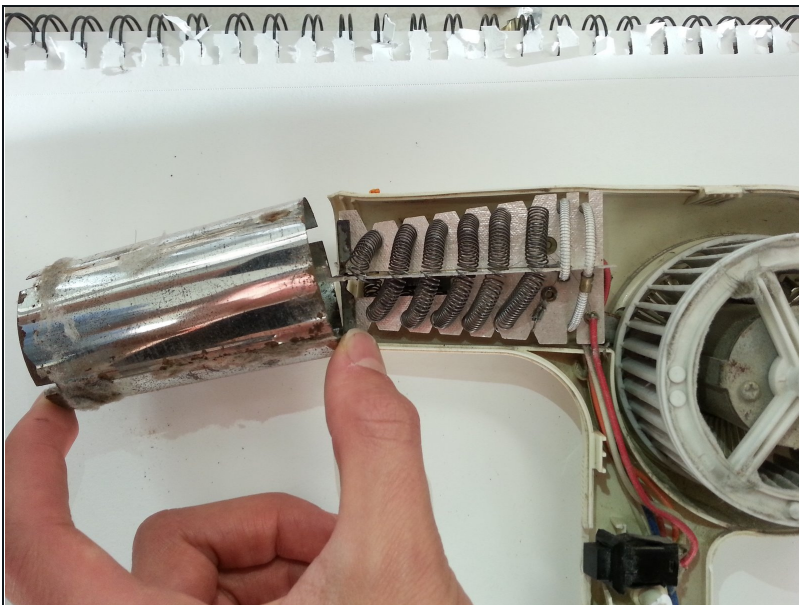
- Using the Phillips #1 screwdriver remove the two screws holding the handle of the dryer together.

Step 6



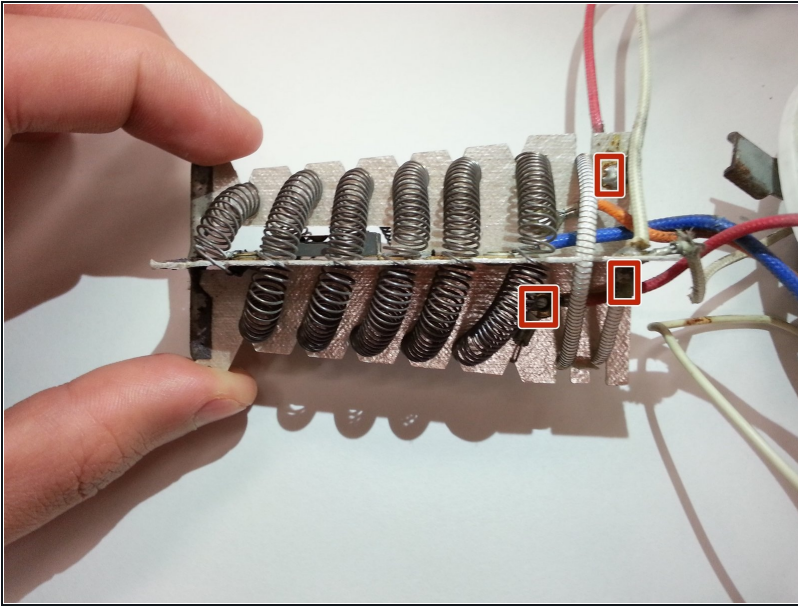
- Carefully separate the plastic casing using a spudger. Your hairdryer should now be disassembled into two large halves.
- ① This can also be done with your hands if you twist the sides of the hair dryer slightly in opposite directions.

Step 7



- Remove the heat-element housing by sliding it off of the dryer in the direction away from the handle.
- ① Make sure the heating element is facing up so that removal is easier. If there is a casing, slightly twist as needed.

Step 8



- Isolate the heating element.
 - Use a desoldering wick and soldering iron to desolder the wires.
 - ① Refer to [this soldering page](#) for more information on soldering.
- ⚠ You will need to be careful with these wires. Do not cut or yank the wires; this may cause further issues with your hair dryer.

To reassemble your device, follow these instructions in reverse order. Make sure wiring is enclosed in the body of the hair dryer, and the heating element casing is attached properly before screwing it closed.