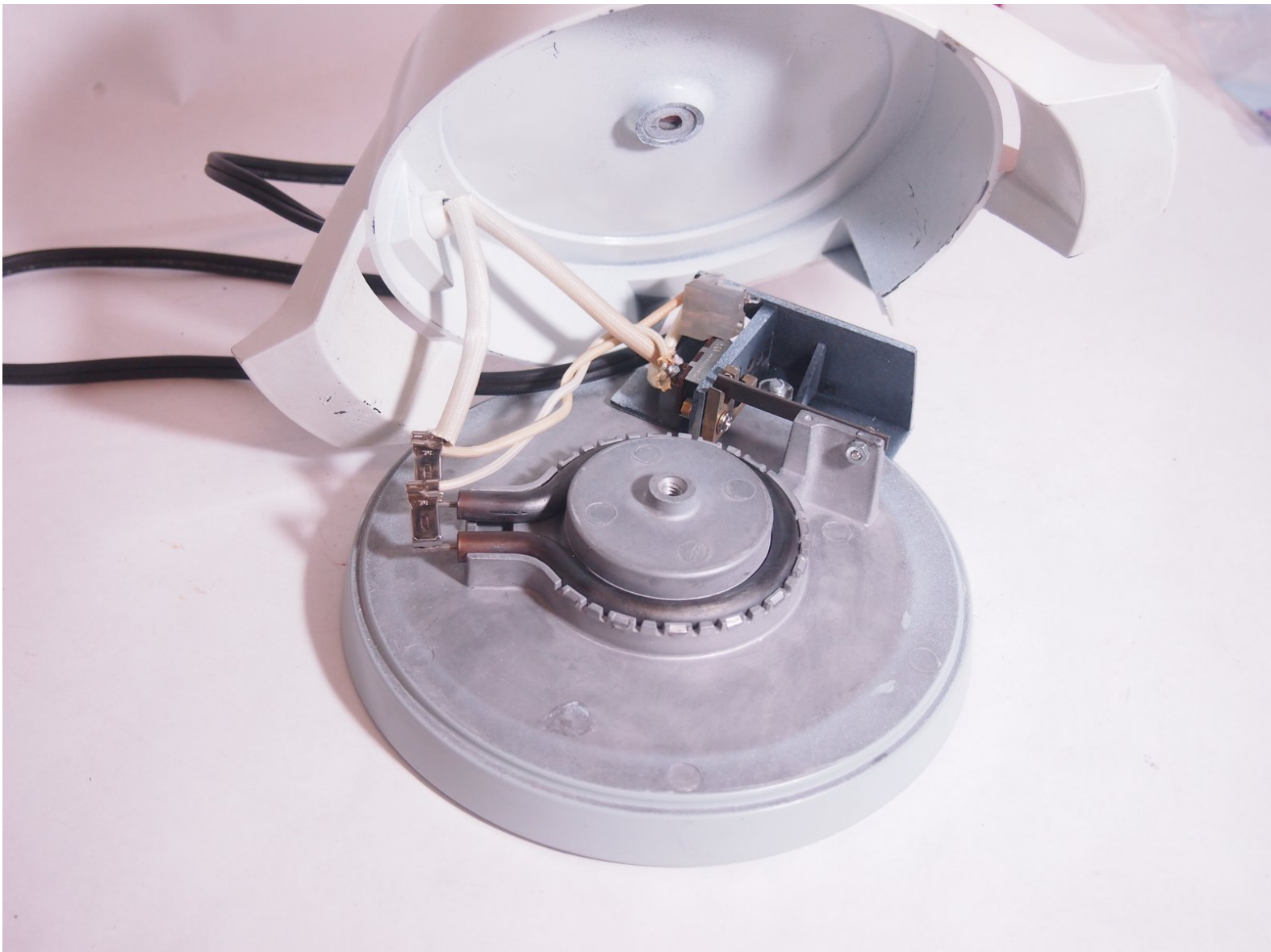




Oster Designer Egg Cooker and Poacher Disassembly

In this guide we will provide you with the information necessary to efficiently take apart and put together your Oster Designer Egg Cooker and Poacher.

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INTRODUCTION

This disassembly guide will detail how to take apart an Oster Designer Egg Cooker and Poacher and analyze the circuit inside the appliance. All you need to begin is a working space and a screwdriver! Make sure your device is unplugged before beginning any disassembly. Attached is a PDF of the schematic we drew of the appliance's circuit.



TOOLS:

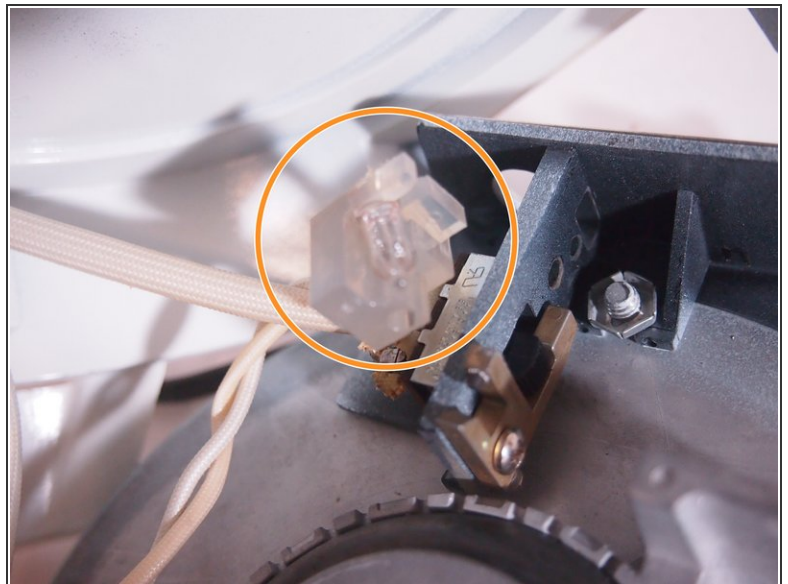
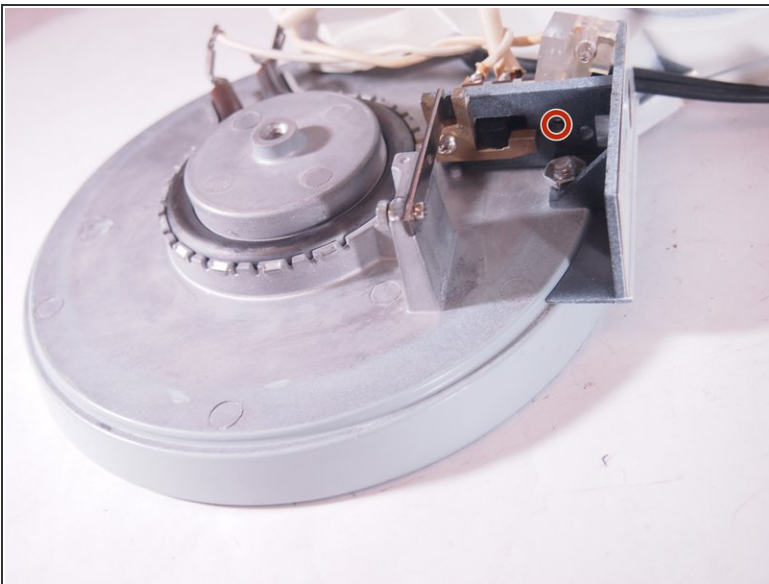
- [Phillips #0 Screwdriver](#) (1)
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Step 1 — Oster Designer Egg Cooker and Poacher Disassembly



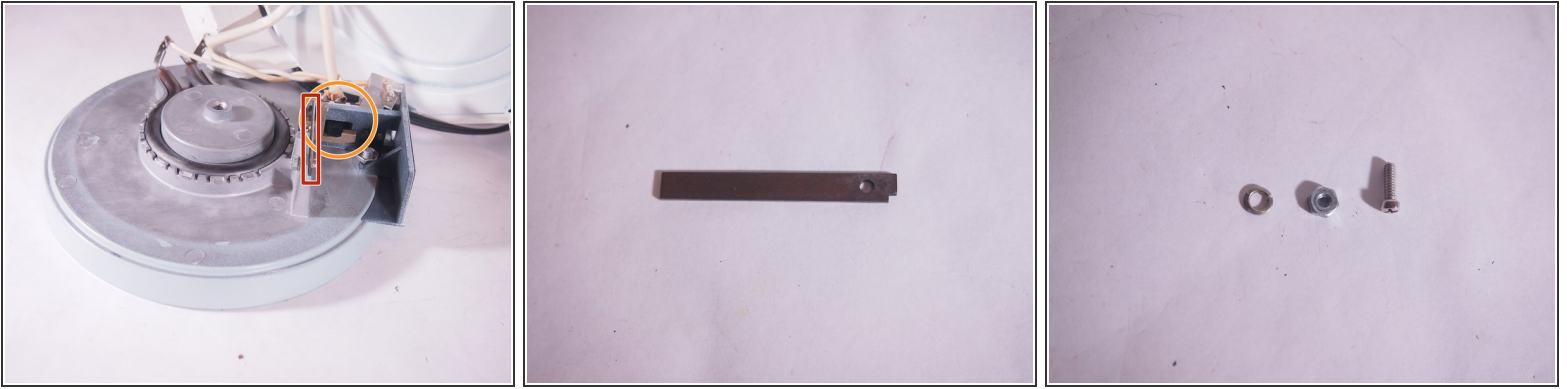
- Remove the plastic covering from your Oster egg cooker, and turn your egg-poacher upside down.
- Remove the single screw in the center of the bottom surface of your egg cooker.
- Separate the plastic covering from the metal base.

Step 2



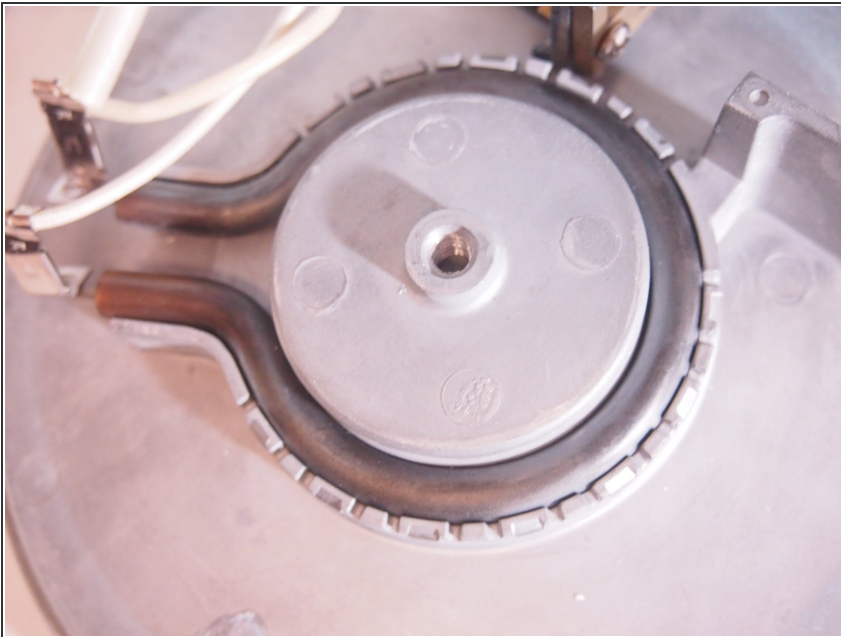
- Remove the single screw using a Phillips screwdriver.
- This will free the clear plastic cube that encases a small light bulb.
- ⓘ This acts as a light indicator for when the machine is turned on and provides a reddish glow upon pressing the "push to start" button.

Step 3



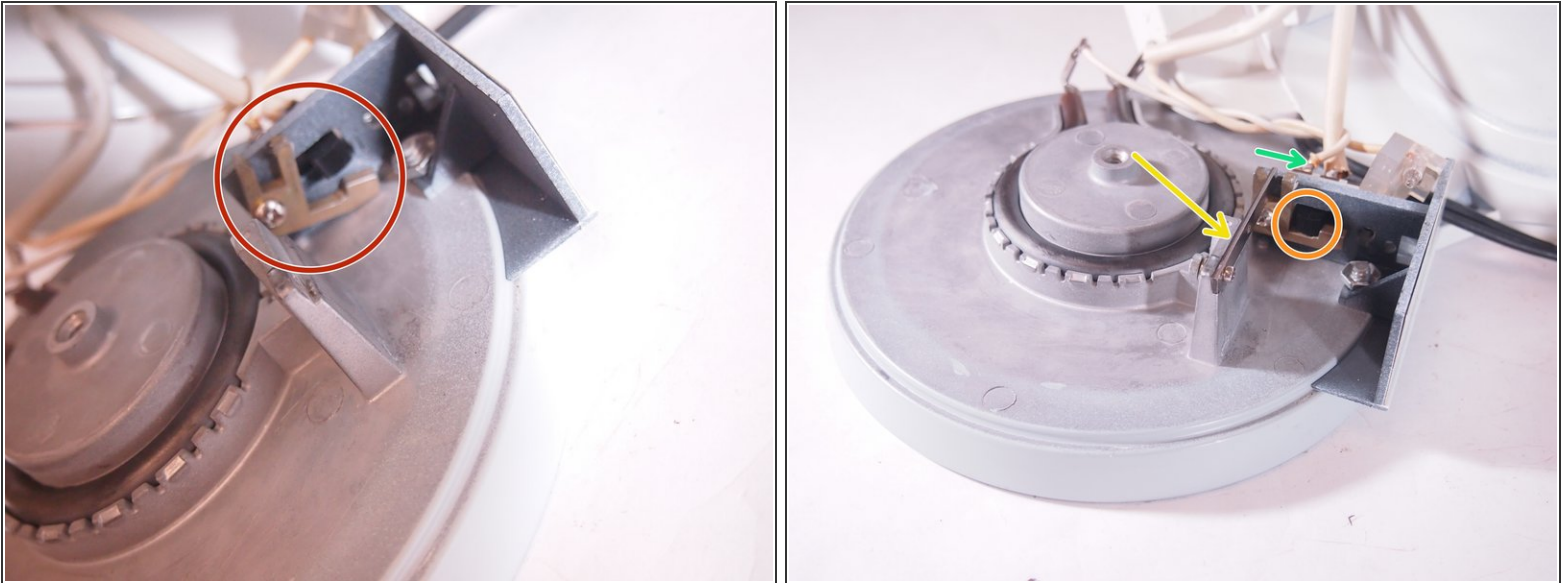
- Now that you have loosened the clear plastic cube, you'll now move on to the bimetallic strip.
- This metal strip runs between the switch mechanism.
- You'll see a screw, fastened with a nut and washer. To remove the strip, unscrew it, and set aside the now free metal piece, screw, nut, and washer.

Step 4



- At this point, you have successfully disassembled your Oster Egg Cooker and Poacher. You can now examine the circuit that runs the machine. Pictured here is the circular heating element, which has a resistance of 28.7 ohms.

Step 5



- Let's take a closer look at the switch mechanism: In the 1st photo, you'll see that the switch is in the off position, as the black wedge is not in place within the appropriate notch etched into the golden piece.
- In the 2nd photo, you can see the black wedge has been pushed into place within the golden piece. This is regularly accomplished after having pushed the red "push to start" button found on the metal frame where the egg cooker's label can be found. This process turns the machine on and initiates the cooking process.
- Notice the bimetallic piece from Step 2 letting the gold piece hold the black wedge in the on position.
- When the device heats up enough to cook the eggs, this bimetallic strip will bend in the direction of the green arrow, pushing the switch back into the off position, and turning the machine off.

Step 6



- Congratulations! You have successfully disassembled your Oster Designer Egg Cooker and Poacher! Happy egg cooking!

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