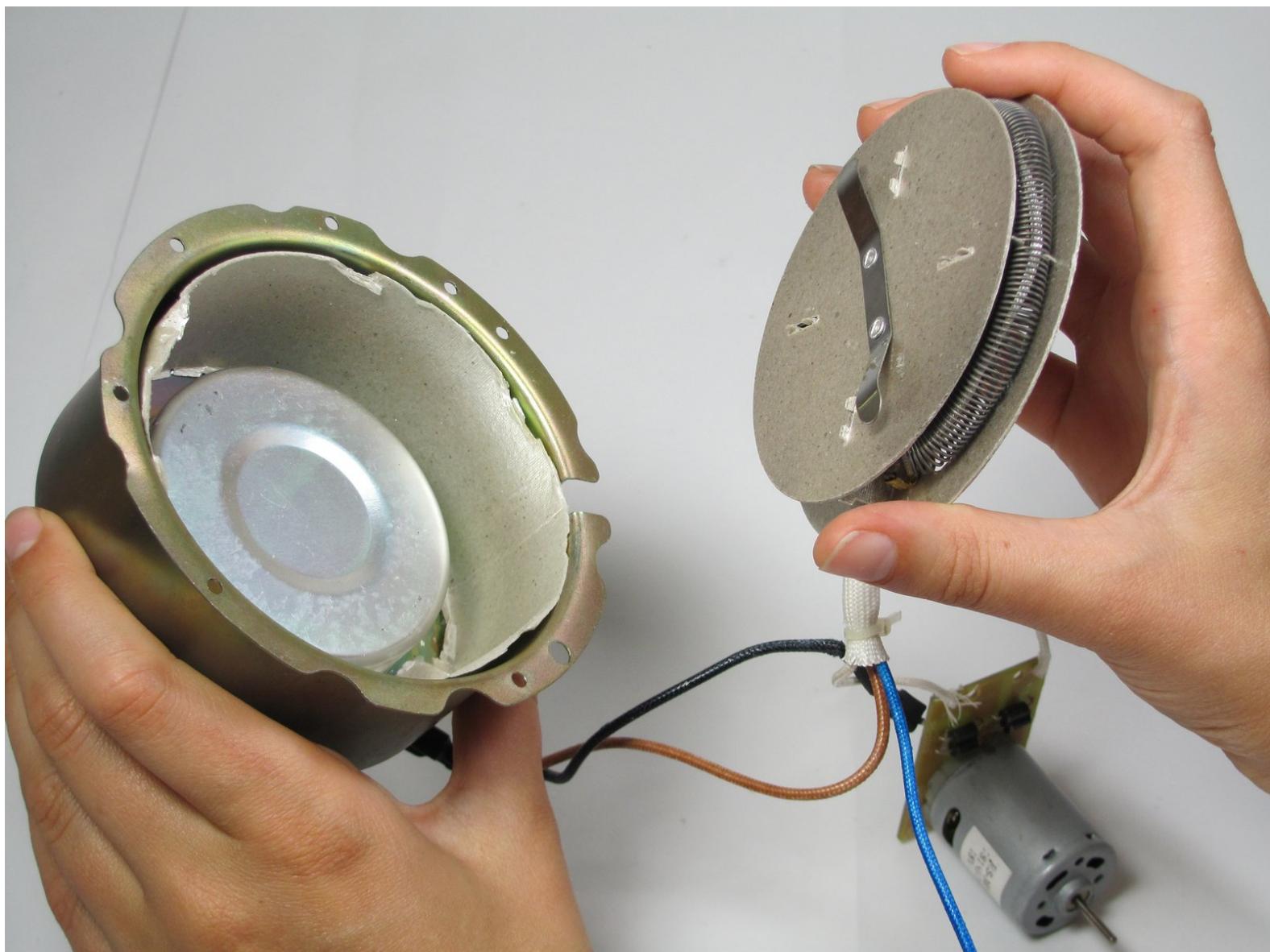




# Nostalgia Electrics RHP-310 Wiring Repair

This guide will list the steps to first checking and then replacing the wiring within the device.

Written By: Dana Clarke



 **TOOLS:**

- [Digital Multimeter \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Phillips #2 Screwdriver \(1\)](#)

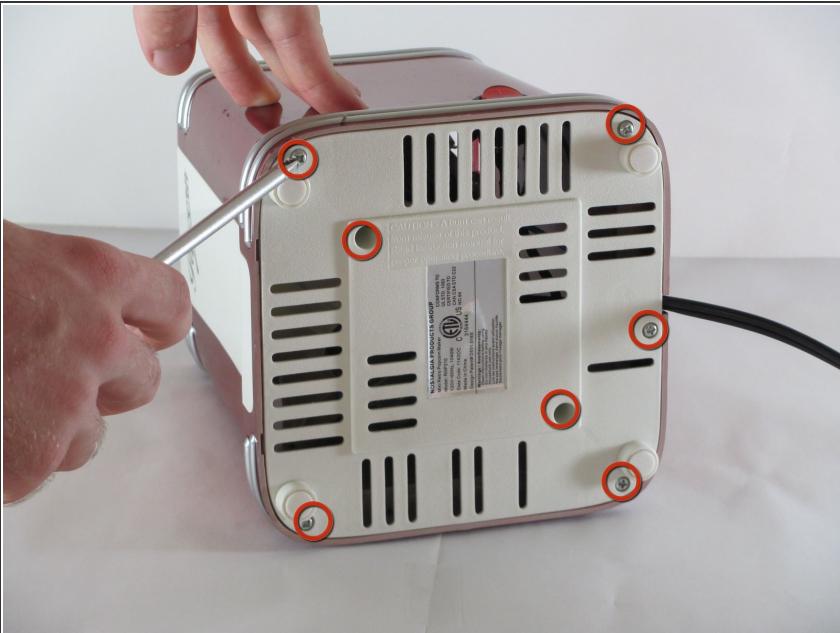
## Step 1 — Power Switch



⚠️ Unplug popper.

- Remove plastic lid by picking the lid up.

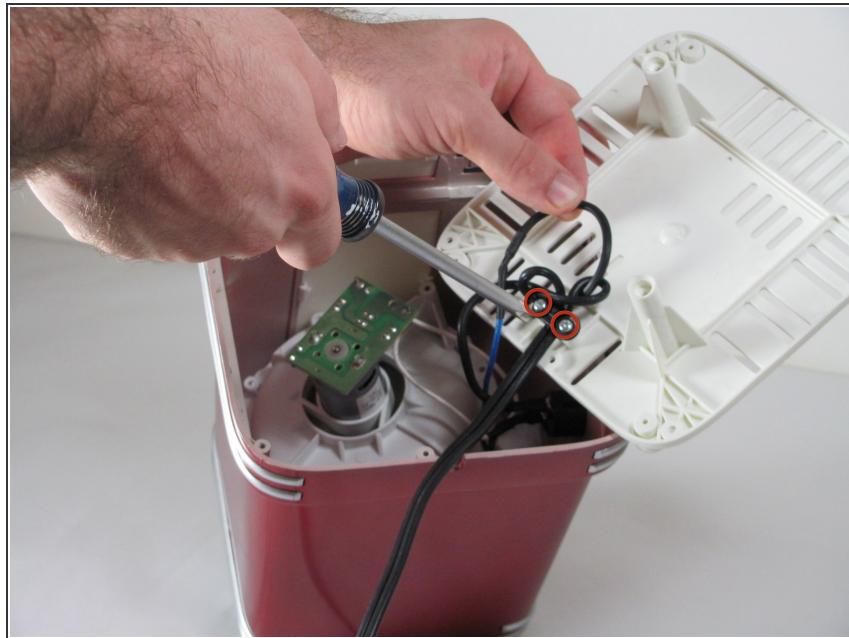
## Step 2



- Flip the popper on its side.
- Remove the screws on the bottom with the Phillips #2 phillips head screwdriver.

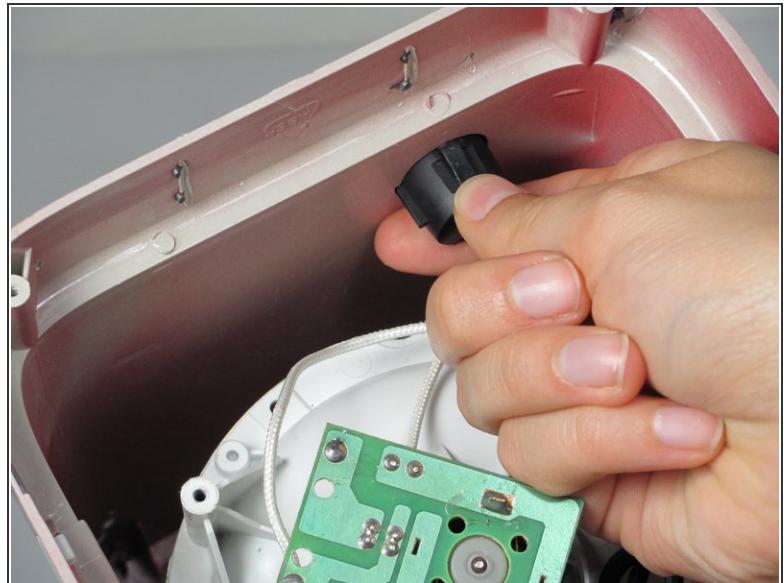
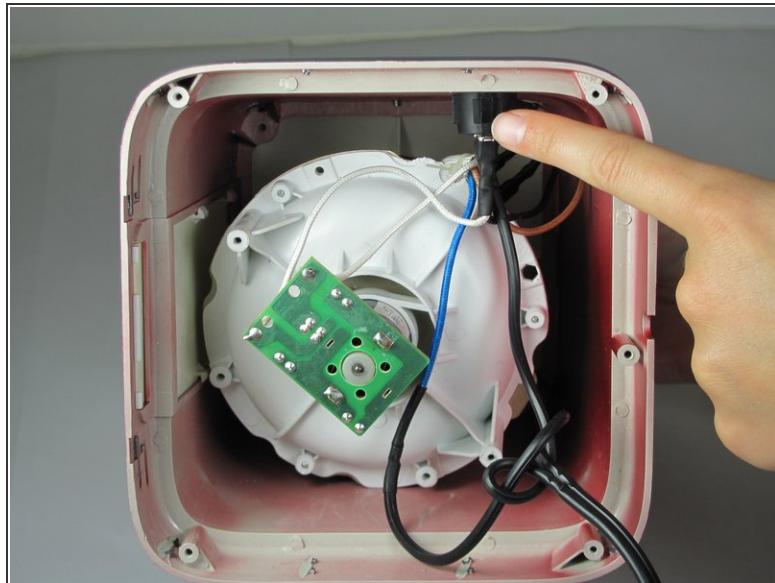
ⓘ There are seven screws on the base. Five screws on the perimeter (12mm Philips #2 screws) and two in the middle (15 mm Philips #2 screws).

## Step 3



- Remove the base.
- Save the screws you took out of the bottom in a safe place. They will be needed to reattach the housing to the base.
- Unscrew the two screws (10 mm Philips #2 screws) from the base.
- Remove the base and set it aside for now.

## Step 4



- Locate the power switch connected to the side of the housing.
- Carefully pinch the sides of the power switch.
- Push the power button up and out of the housing.

## Step 5



- Now that the power switch is removed from the housing, you have to remove the wires connected to the power switch.
- Use the plastic opening tool to gently pry the wires loose from the power switch.

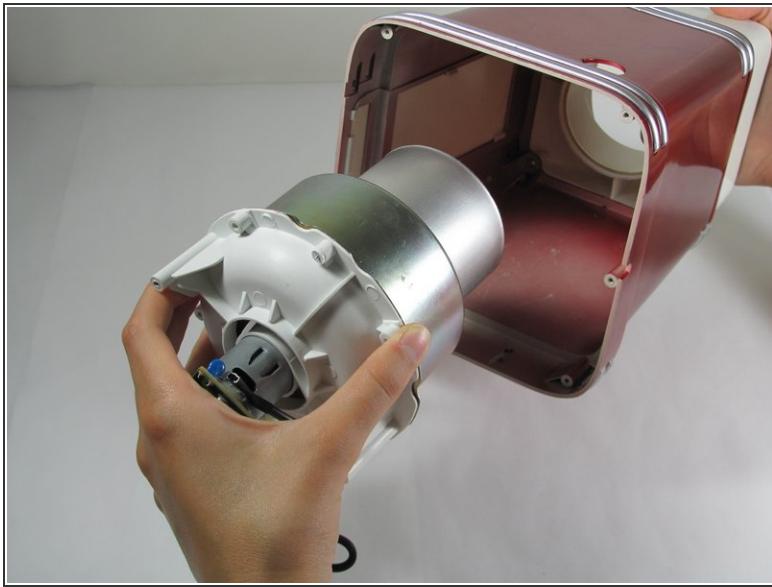
*(i)* The wires should pop easily out from the power switch.

## Step 6



- Remove the power switch from the device.
- You can now replace the power switch if necessary.

## Step 7 — Replacing Housing



- Now that the power switch is disconnected from the popper, you will need to remove the white top.
- Gently remove the heating component from the popper.
- Unscrew the four screws (11mm Philips #2 screws) that connect the white top to the housing.

## Step 8



- Remove the white top from the housing.

**i** Save the screws from previous step. You will need them to connect the new housing to the white top.

## Step 9 — Replacing Fan



- Now that the white top is disconnected from the housing, remove the heating component from inside the device.

## Step 10



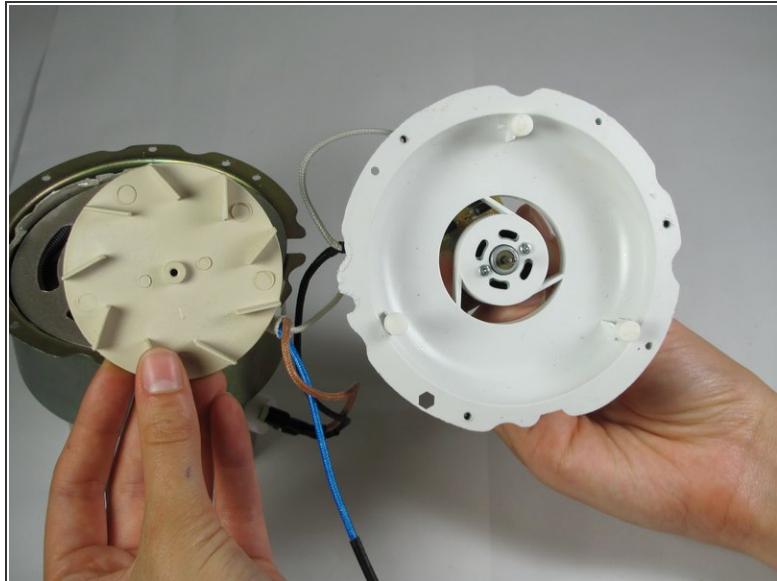
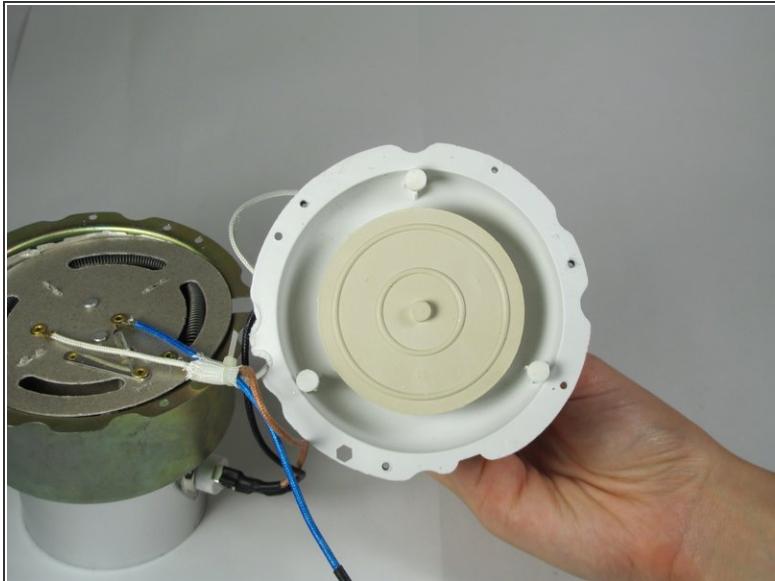
- Unscrew the three screws (10 mm Philips #2 screws) that hold the heating component together.

## Step 11



- ⓘ Make sure to keep the screws. You will need them to put the heating component back together.
- Pull the heating component apart.

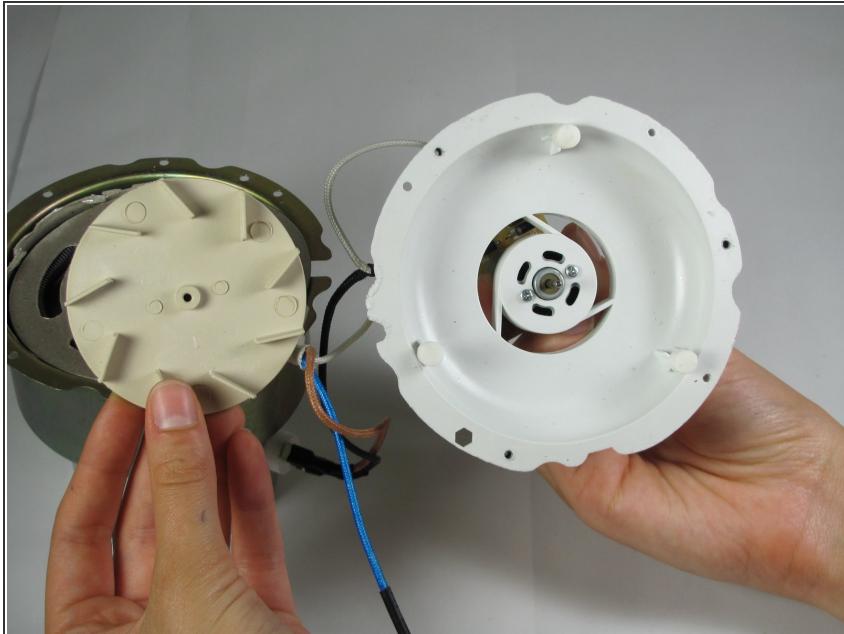
## Step 12



- Locate the fan.
- Pull the fan off the motor firmly but gently.

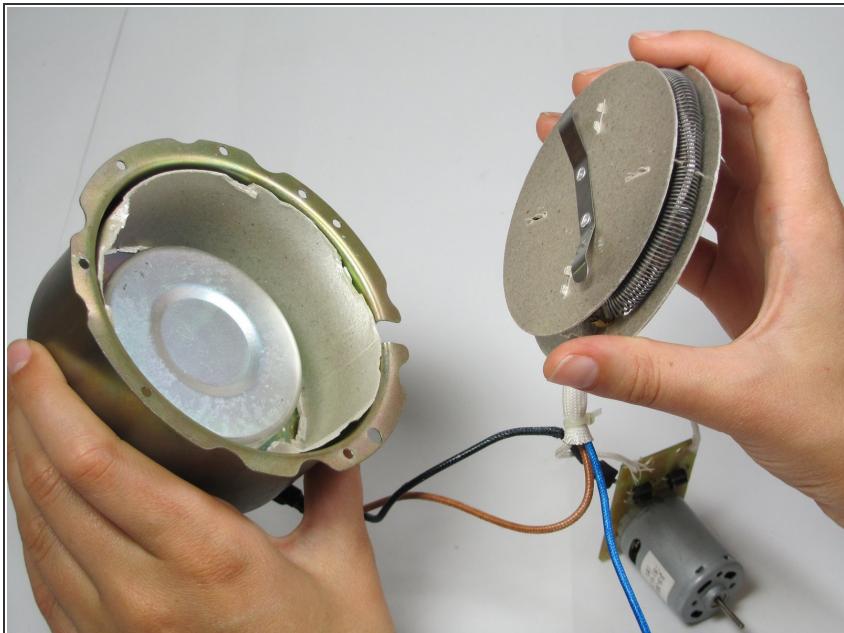
**⚠** When you pull the fan off the motor, be careful. Do not pull too hard or you will break the motor.

## Step 13



- You can now replace the fan.
-  If there is debris stuck in the fan, you can easily clean it out from the fan in this step.

## Step 14 — Nostalgia Electrics RHP-310 Wiring Repair



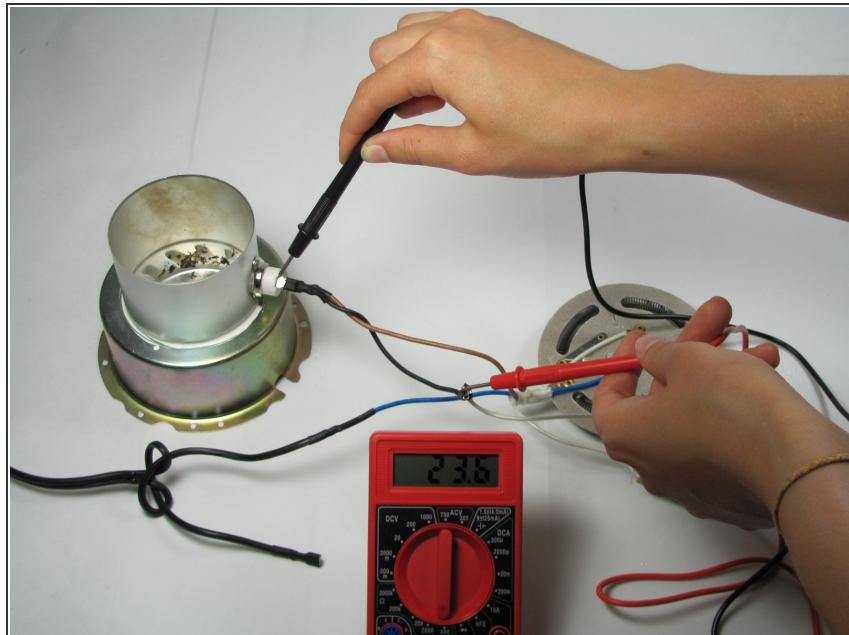
- Take the heating coil out of complete heating component.

## Step 15



- Visually check the wires for frayed wires.
- Make sure that the wires are completely connected to a port.

## Step 16



- If you see a wire that is not connected, solder it back into place.
- *(i)* These websites might be helpful in soldering: [Wikipedia](#) [Theoatc](#)
- Also, use a digital multi-meter to check to make sure there is a current through the wire. If the meter does not read, you might need to replace all the wires.

*(i)* This website may be helpful in with wiring: [How Stuff Works](#)

## Step 17



*(i)* This website will help with reconnecting wires:[eHow](http://eHow)

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