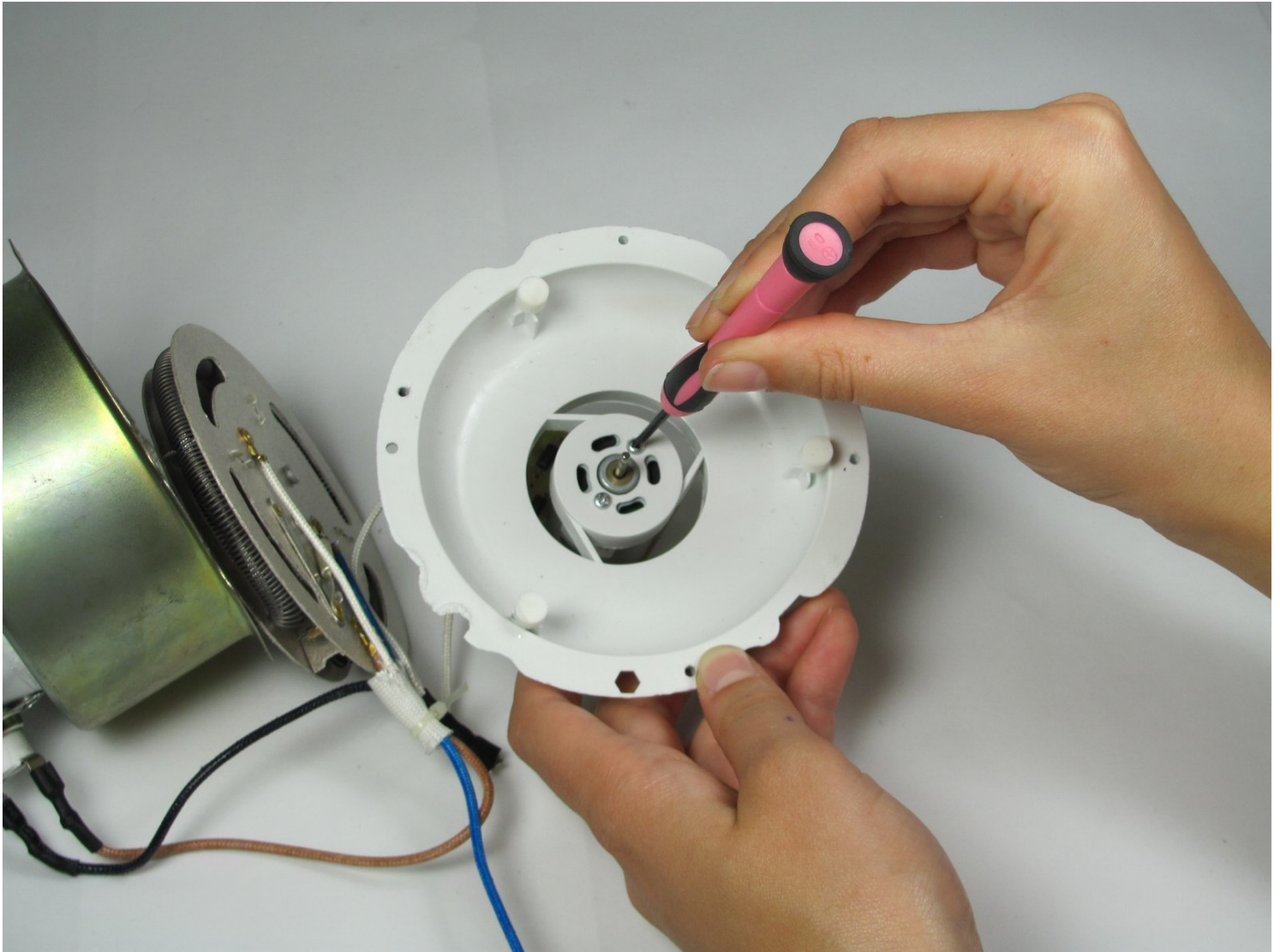




# Nostalgia Electrics RHP-310 Motor Replacement

This guide will teach the user how to install a...

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# INTRODUCTION

This guide will teach the user how to install a new motor for the device.

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## TOOLS:

Phillips #0 Screwdriver (1)  
Soldering Workstation (1)  
Phillips #2 Screwdriver (1)  
iFixit Opening Tool (1)

## PARTS:

New motor (1)

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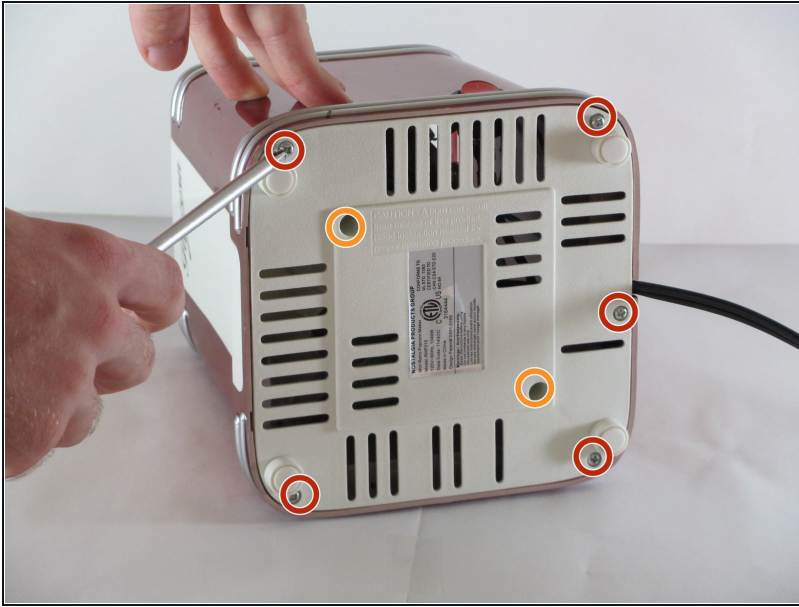
## Step 1 — Power Switch



 Unplug the popper.

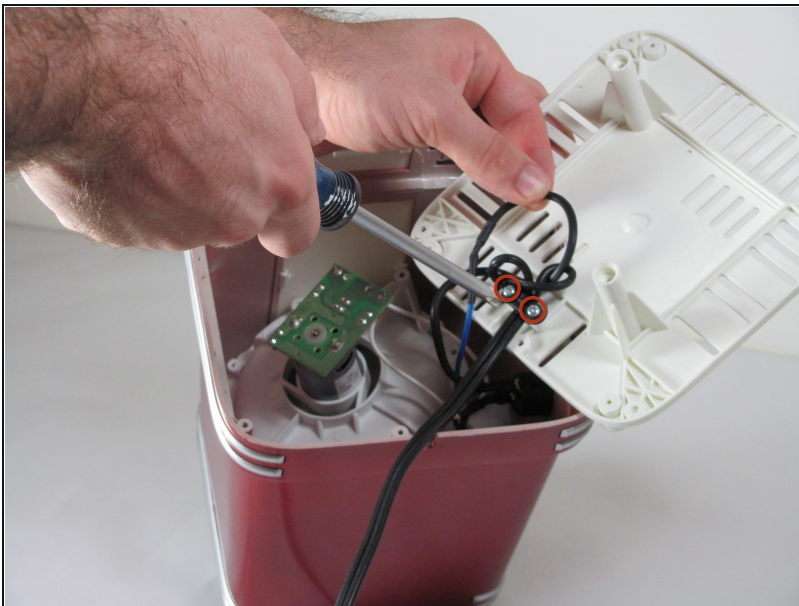
- Lift the lid up to remove it.

## Step 2



- Lay the popper on its side.
- Remove the five 12mm Philips #2 screws around the perimeter of the base with the Phillips #2 screwdriver.
- Remove the two 15mm Philips #2 screws in the center of the base with the Phillips #2 screwdriver.
- ① Put the removed screws in a safe place, they will be needed later to reattach the housing to the base.

## Step 3



- Flip the base over to view the interior of the base panel.
- Unscrew the two 10 mm Philips #2 screws from the base panel.
- Remove the base and set it aside.



## Step 4



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

## Step 5



- Remove the wires connected to the power switch that should be detached from the housing.
- Gently pry the wires loose from the power switch with the plastic opening tool.
- ① The wires should easily pop out from the power switch.

## Step 6



- Remove the power switch from the housing unit.
- You can now replace the power switch, if necessary.

## Step 7 — Replacing Housing



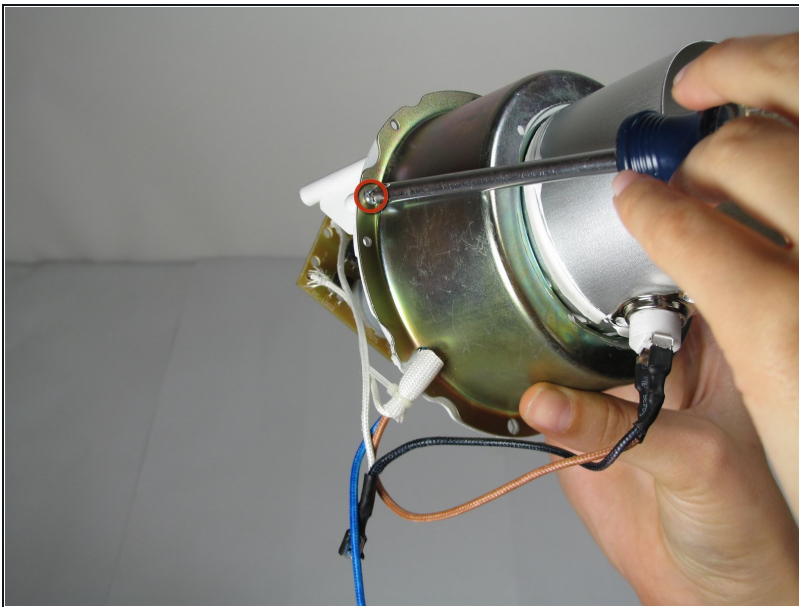
- Gently remove the heating component from the popper.
- Unscrew the four screws (11mm Philips #2 screws) that connect the white top to the housing.
- ① Save the screws from this step. You will need them to connect the new housing to the white top.

## Step 8



- Remove the white top from the housing.

## Step 9 — Replacing Fan



- Unscrew the three 10 mm Philips #2 screws that hold the heating component together.
- ⓘ Keep the screws in a safe place. You will need them to put the heating component back together.

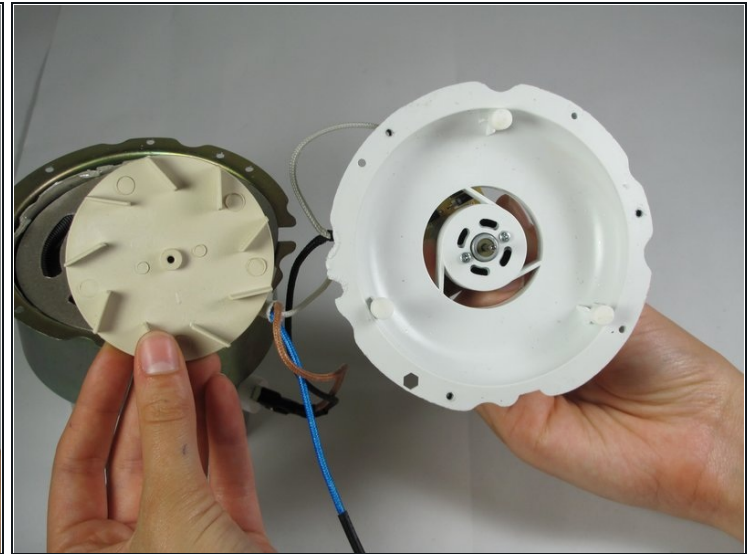
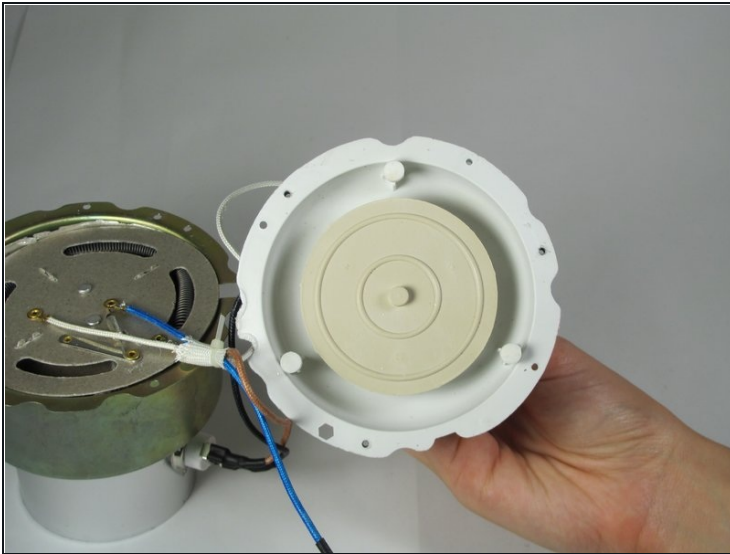


## Step 10



- Pull the heating component apart.

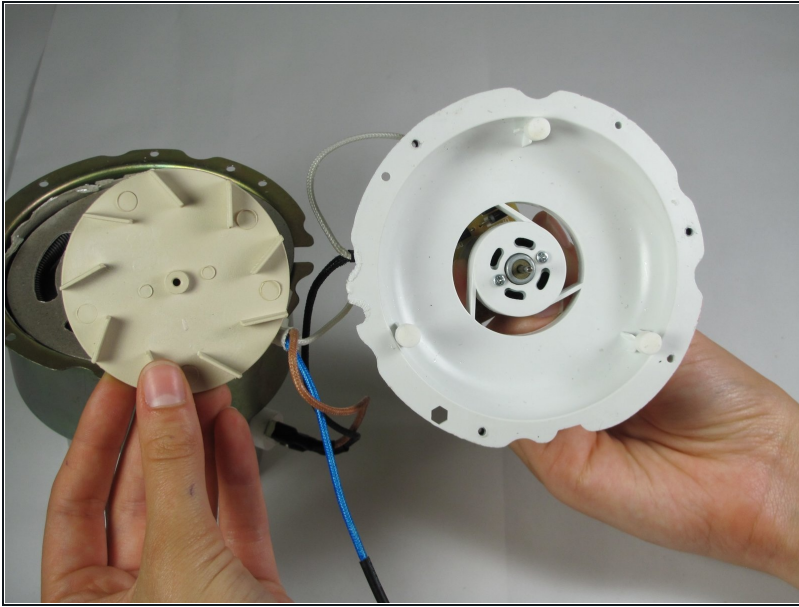
## Step 11



- Locate the fan.
- Pull the fan off the motor.

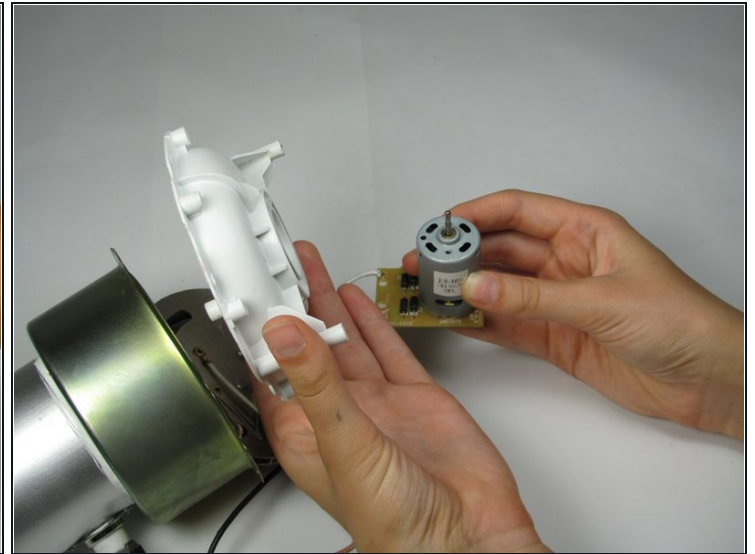
⚠ Do not pull too hard or you will break the motor.

## Step 12



- You can now replace the fan. If there is debris, clean it out.

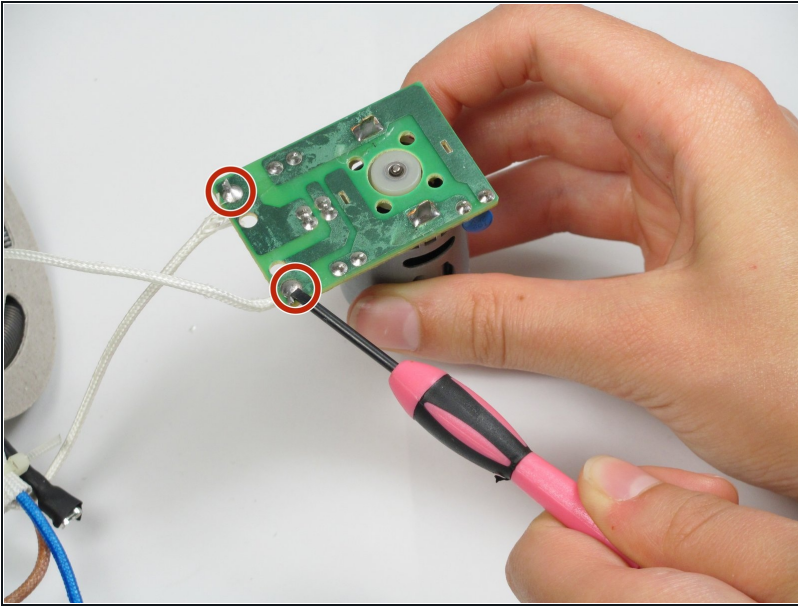
## Step 13 — Motor



- Use a Phillips #0 screwdriver to remove the two 2.5mm screws connecting the motor to the fan base.
- ① Remember to keep the screws. You will need them to reassemble the popper.
- Remove the motor from the fan base.

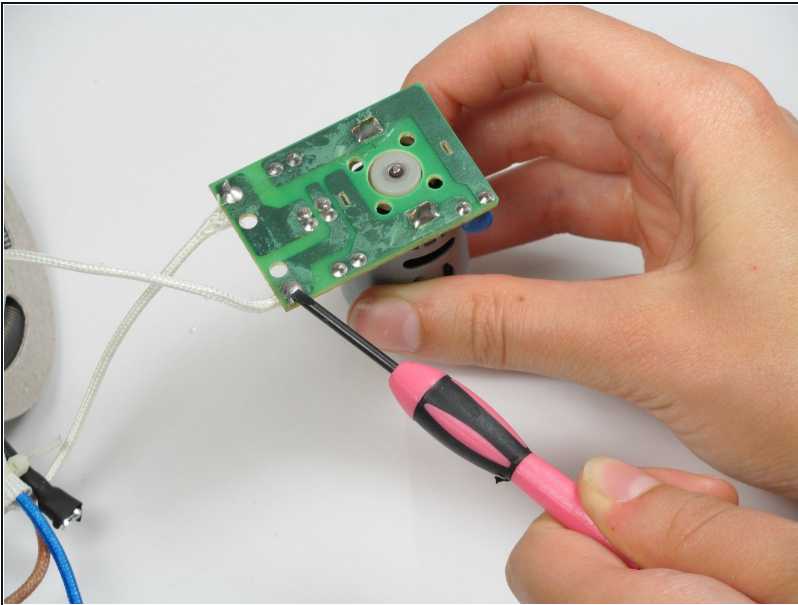


## Step 14



- Un-solder the wires that are connected to the motor.

## Step 15



- Replace the old motor by soldering the new motor to the circuit board.

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