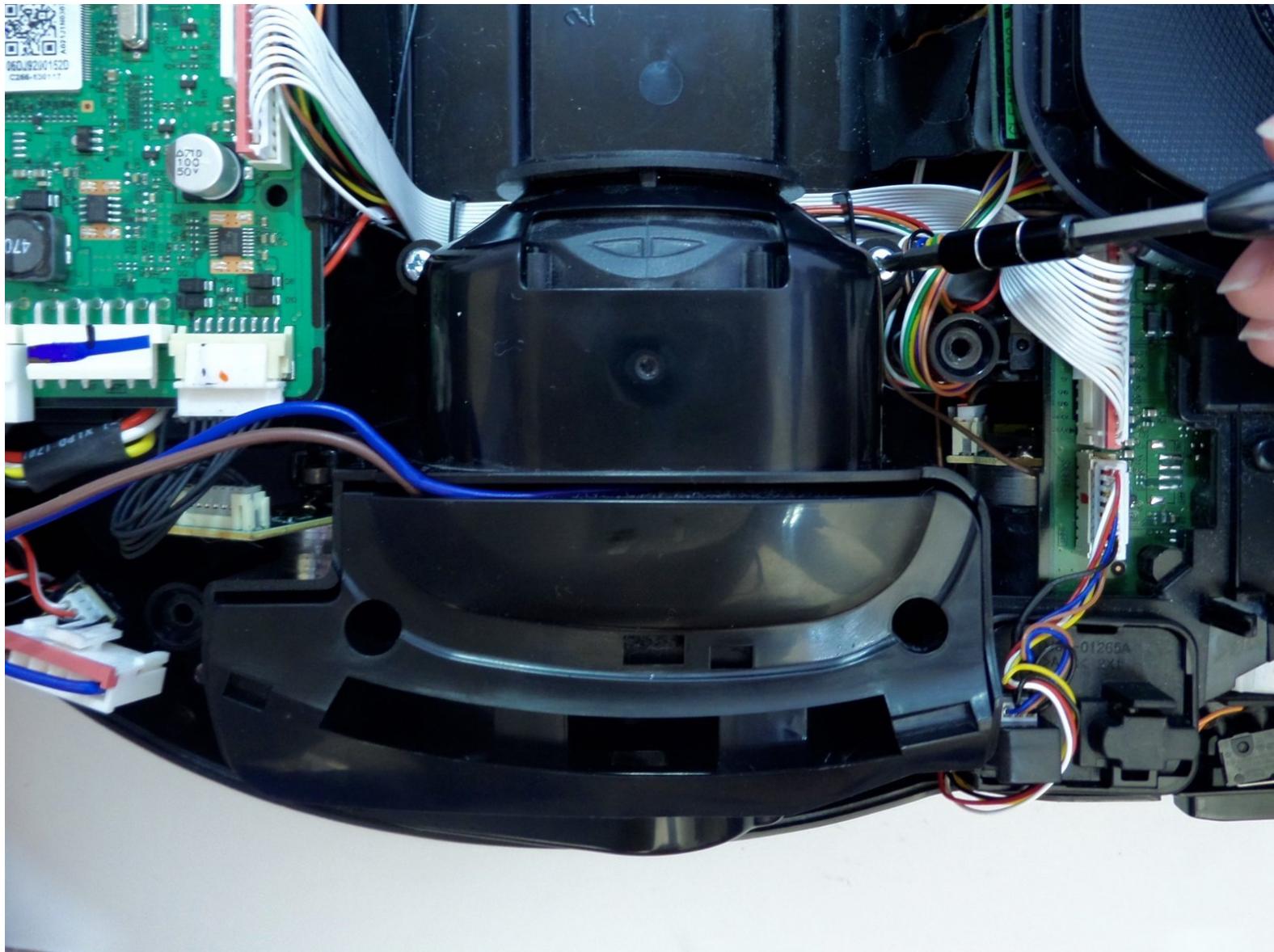




# Samsung POWERbot R7070 Vacuum Motor Replacement

Accessing and replacing the motor.

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## INTRODUCTION

Replace the motor to mobilize and restore suction power to your POWERbot. The motor will need to be removed to access the Right Driving Wheel.

### TOOLS:

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

## Step 1 — Battery



- Turn the emergency switch off.

## Step 2



- Remove the two exposed screws on the top right of the device.

## Step 3



- Lift the cover plate to expose the battery.

## Step 4



- Using one hand, pinch the white plastic connector where the battery's wiring connects the POWERbot. Pull up to disconnect.

## Step 5



- Lift the battery from the right side, up and out of its compartment.

## Step 6 — Motor



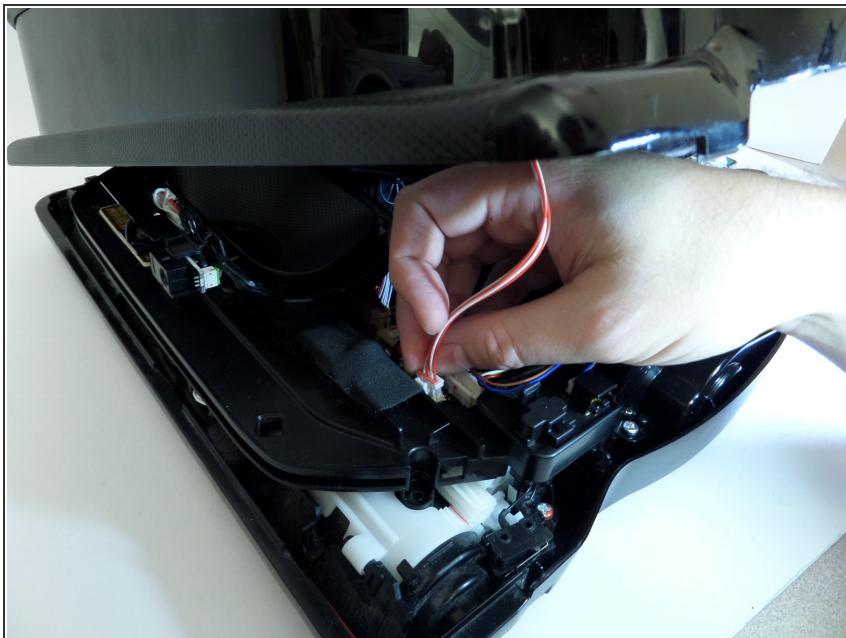
- Unscrew the two silver 1.5 cm screws on the left and right side of the battery compartment.
- Remove the two 1.5 cm screws above the yellow sliding lock tabs.
- Remove the two 1.2 cm screws in the brush compartment.

## Step 7



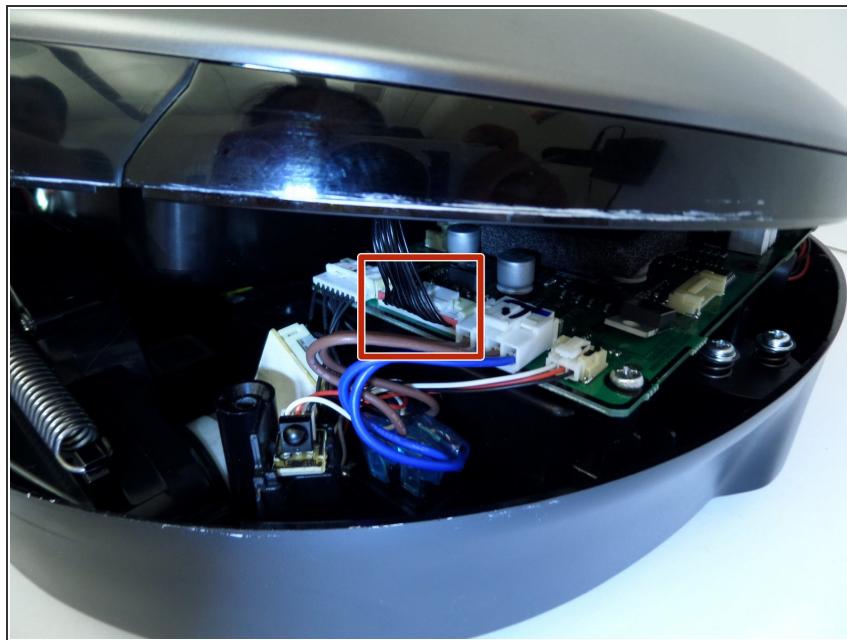
- With moderate force, separate the silver top from the black bottom of the vacuum.
- *(i)* The cover will only separate a few inches as the two halves are connected by wires.

## Step 8



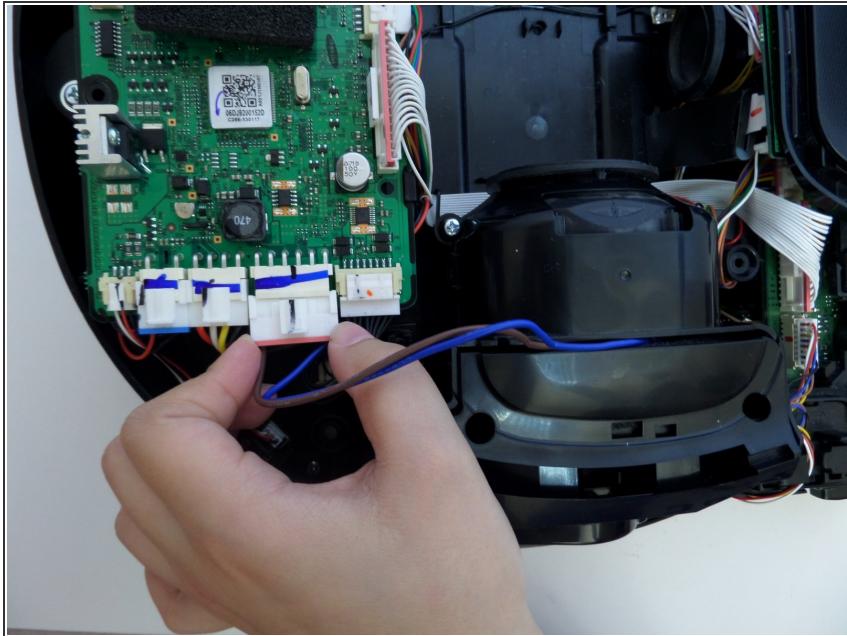
- Disconnect the white and red wired connector attached to the top half of the base of the vacuum by squeezing the connector and pulling up.

## Step 9



- Pinching the top and bottom of the black wired connector, pull outward, fully detaching the top from the bottom of the device.

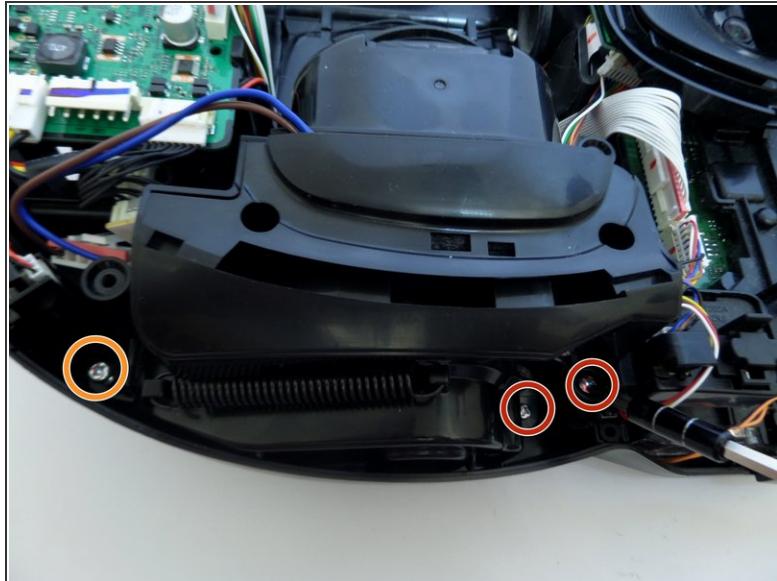
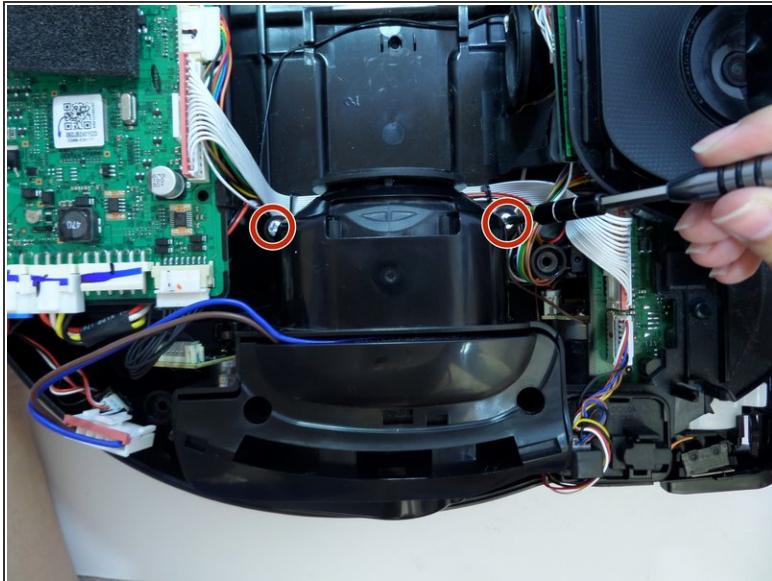
## Step 10



- Detach the wide circuit connector on the left side by pinching and pressing down on the right and left side of the clip, pulling the connector out.

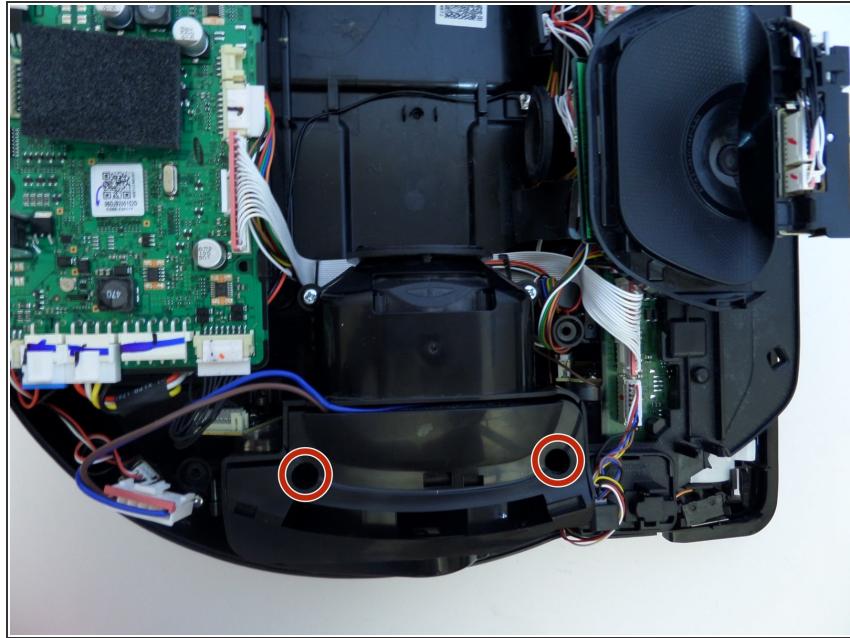
 Pull the connector out by the left and right side of the white clip and not by the wires.

## Step 11



- Remove the four 1.2 cm screws.
- Remove the single 0.8 cm screw.

## Step 12



- Remove the two 1.5 cm screws on the motor chamber.

## Step 13



- Lift the motor by grabbing the body of the motor, lifting upward.

**⚠** With the screws removed from the motor chamber the top of the motor chamber will pop open.

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