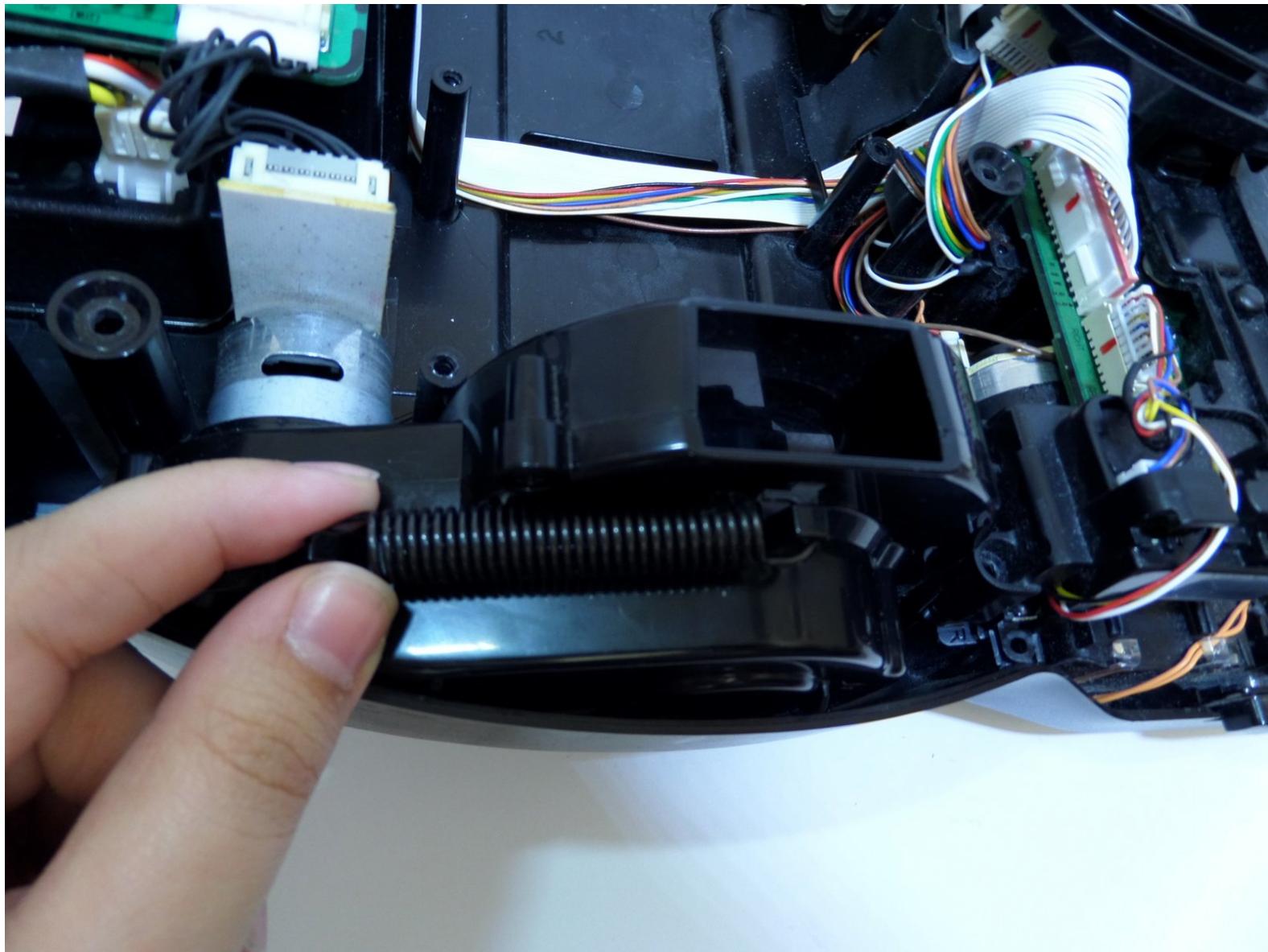




# Samsung POWERbot R7070 Right Driving Wheel Replacement

Accessing and replacing the right driving wheel.

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## INTRODUCTION

Replace the right driving wheel of your POWERbot to end movement problems . To resolve the C 03 error code, replace the right driving wheel.

### TOOLS:

- Phillips #1 Screwdriver (1)

## Step 1 — Battery



- Turn the emergency switch off.

## Step 2



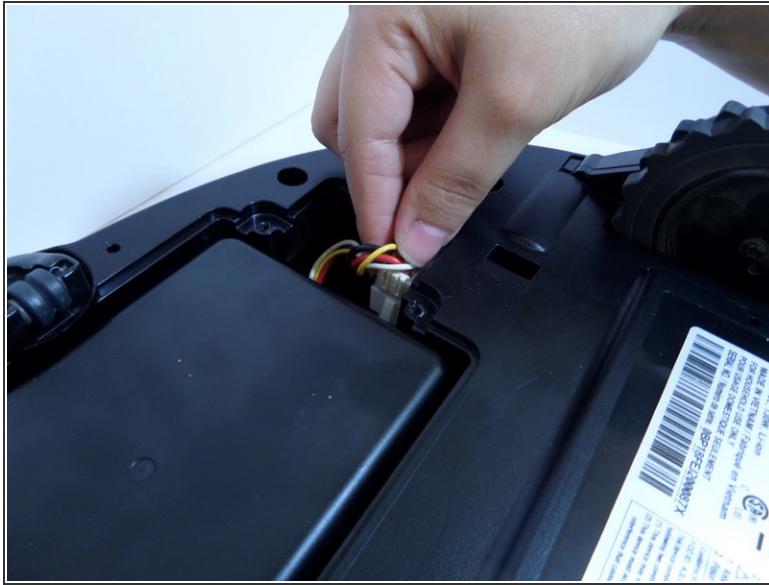
- Remove the two exposed screws on the top right of the device.

## 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



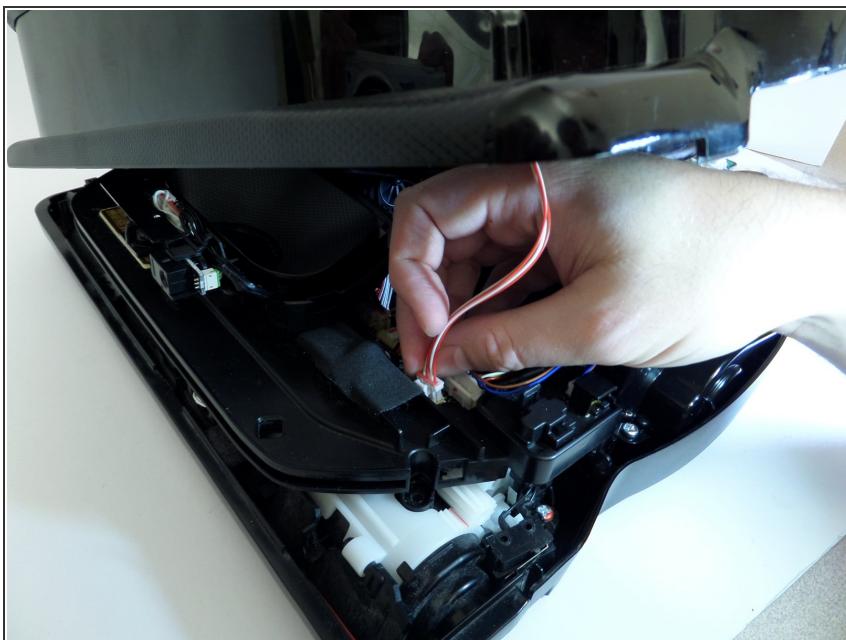
- Unscrew the two silver 1.5 cm screws on the left and right side of the battery compartment.
- Remove the two 1.5 cm screws above the yellow sliding lock tabs.
- Remove the two 1.2 cm screws in the brush compartment.

## Step 7



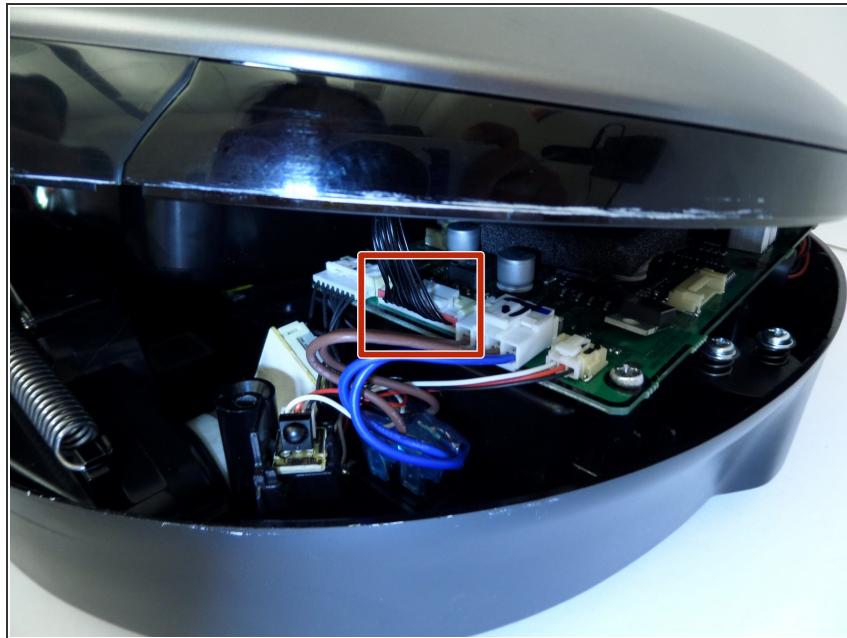
- With moderate force, separate the silver top from the black bottom of the vacuum.
- (i)* The cover will only separate a few inches as the two halves are connected by wires.

## Step 8



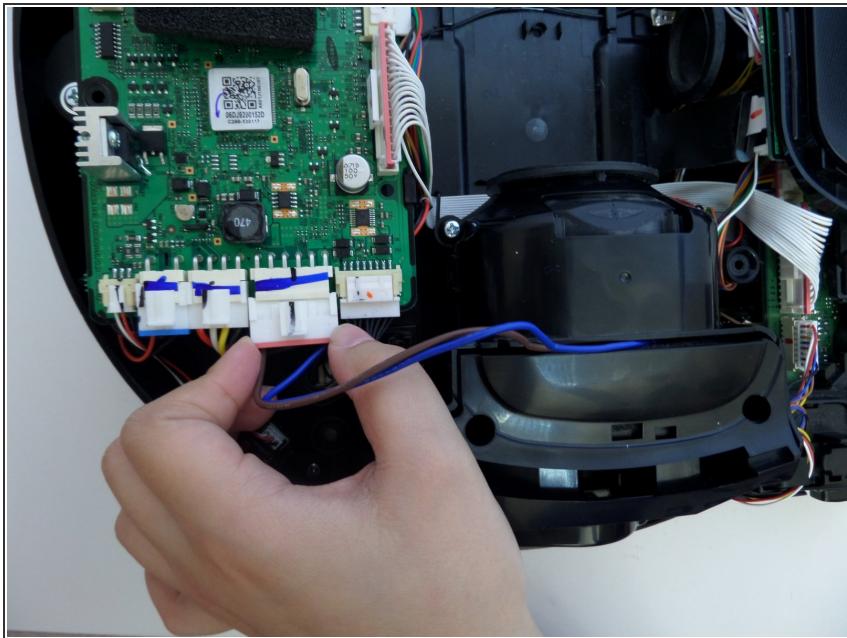
- Disconnect the white and red wired connector attached to the top half of the base of the vacuum by squeezing the connector and pulling up.

## Step 9



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

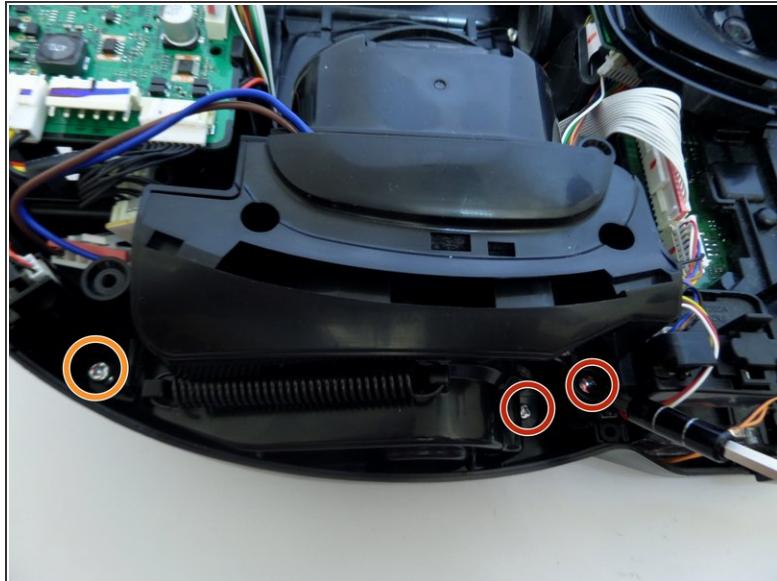
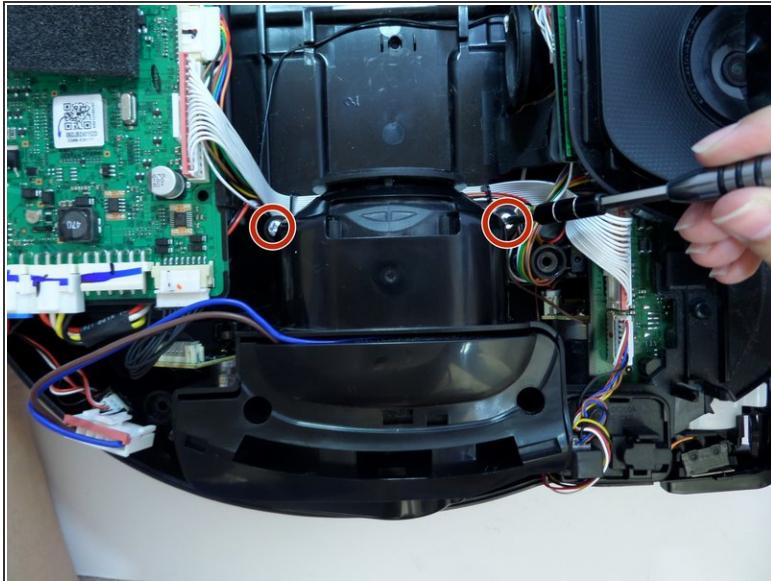
## Step 10



- 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.

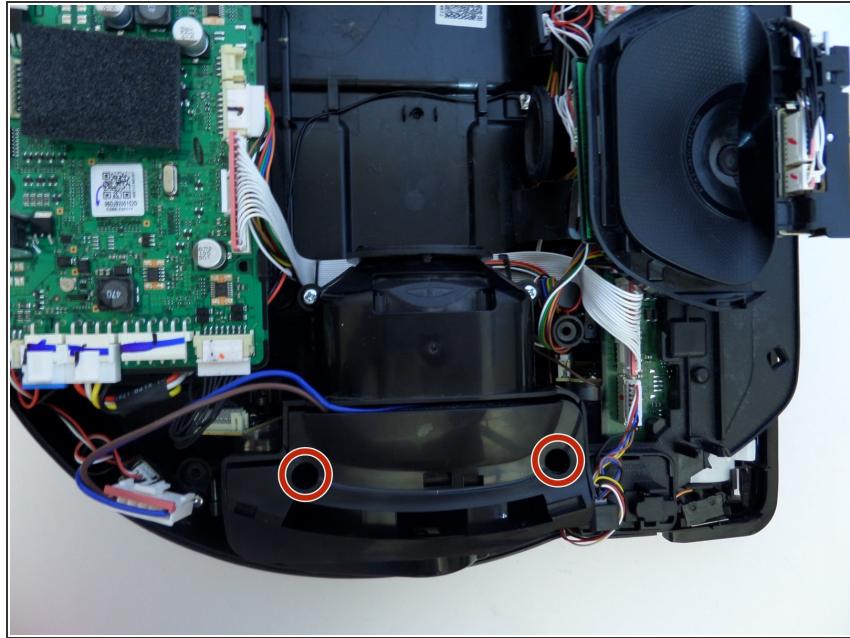
 Pull the connector out by the left and right side of the white clip and not by the wires.

## Step 11



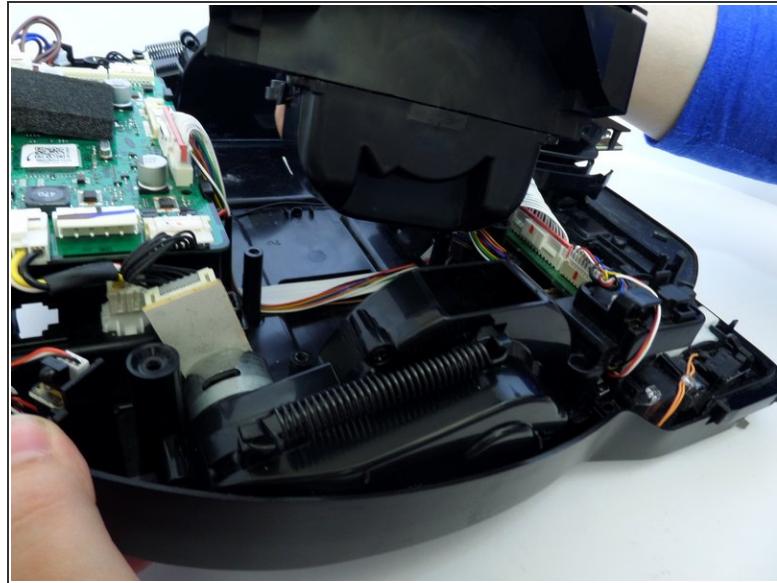
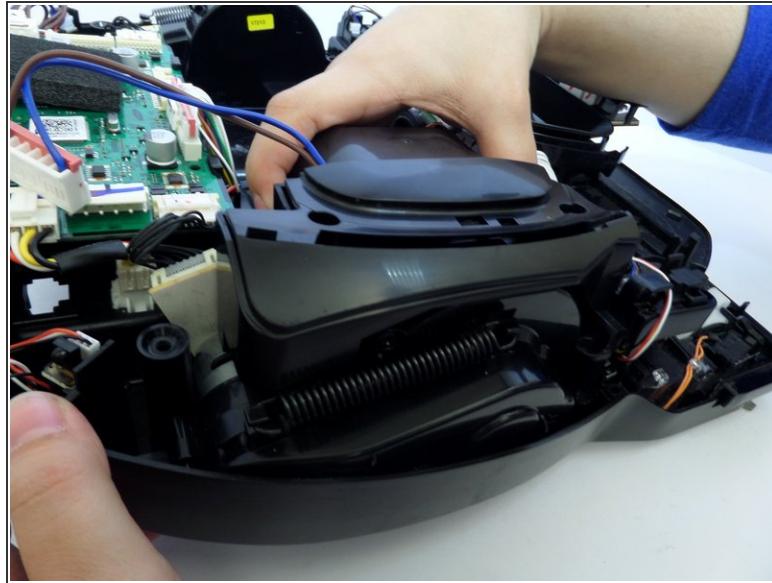
- Remove the four 1.2 cm screws.
- Remove the single 0.8 cm screw.

## Step 12



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

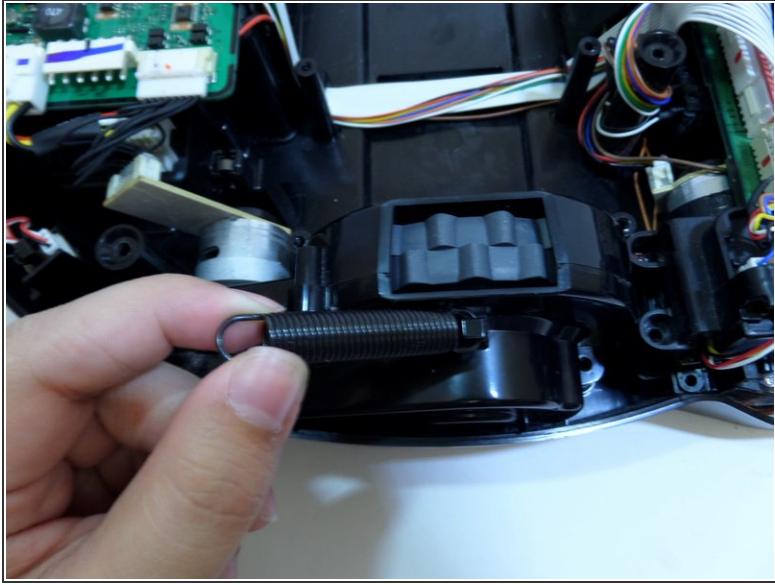
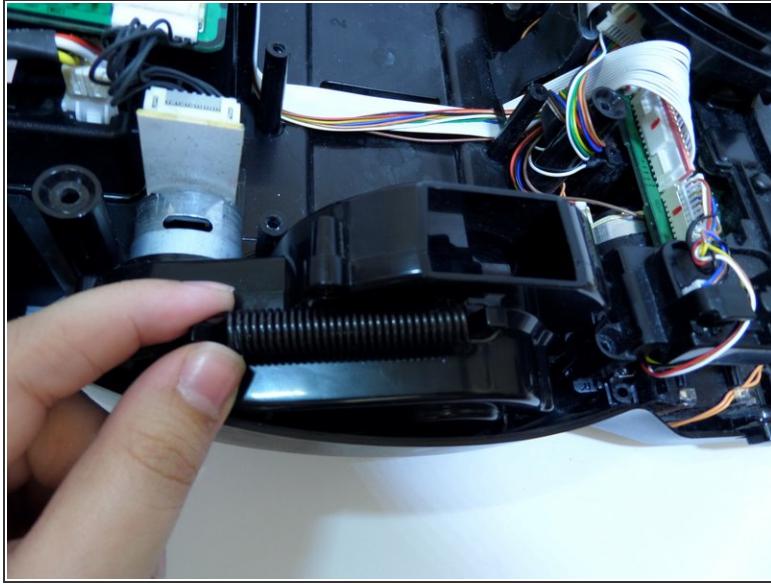
## Step 13



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

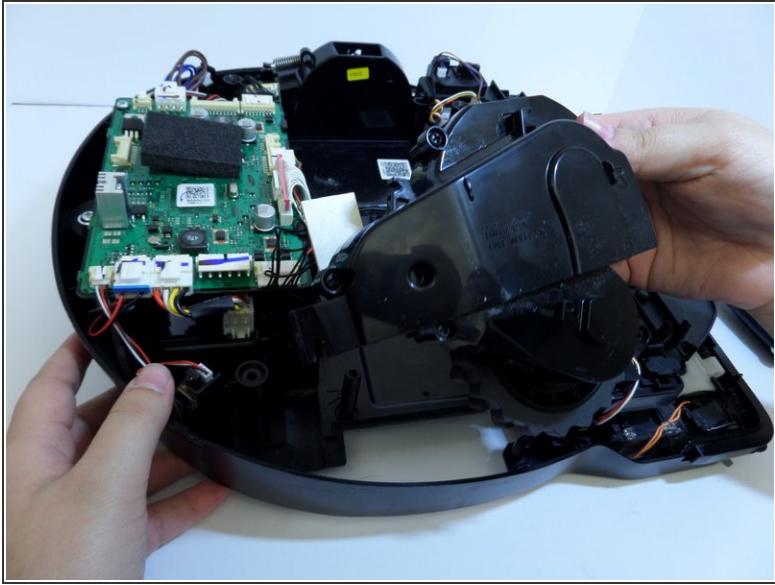
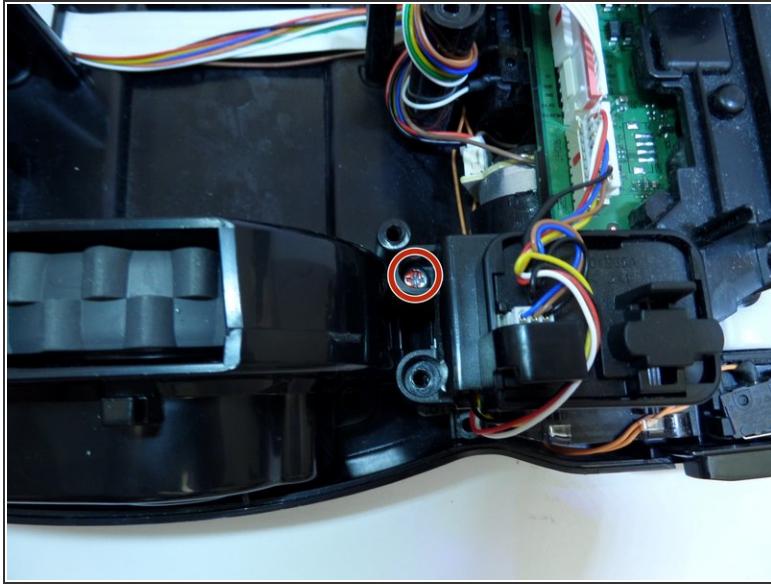
**⚠** With the screws removed from the motor chamber the top of the motor chamber will pop open.

## Step 14 — Right Driving Wheel



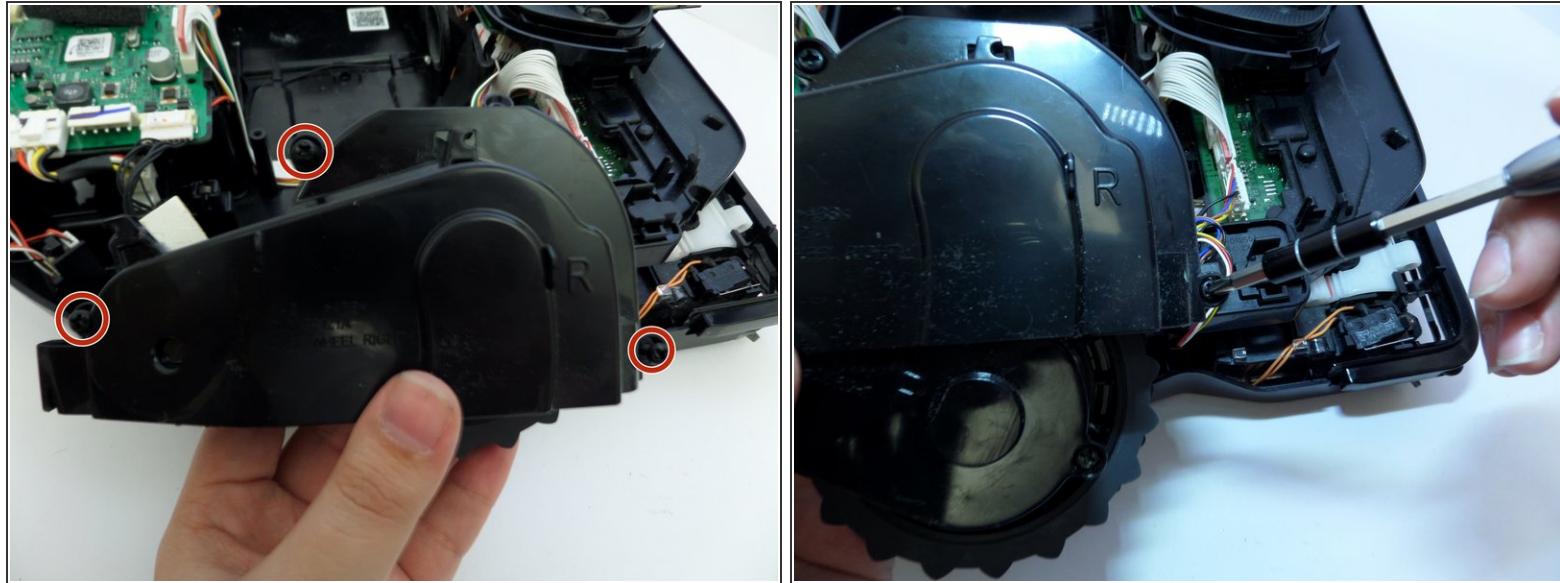
- With the spring fully retracted, unhook the spring from the wheel casing.

## Step 15



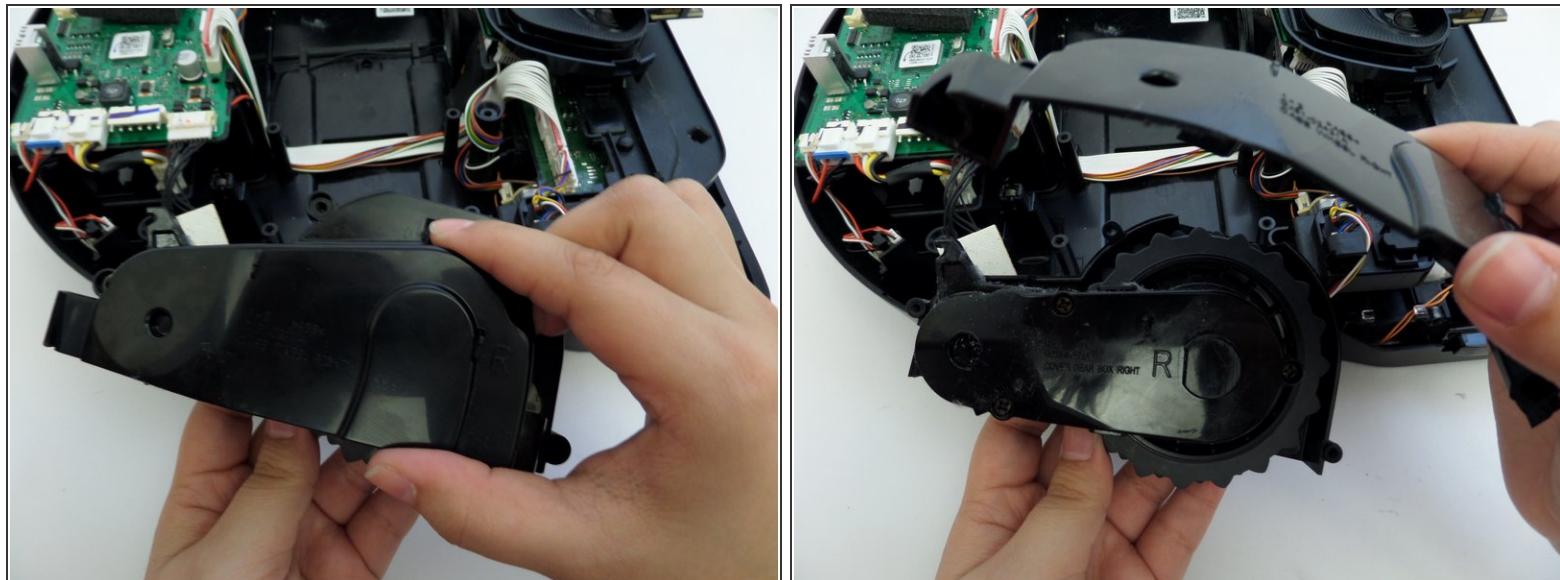
- Remove the screw securing the black plastic piece to the right of the wheel casing.
- (i)* This piece is not part of the wheel casing but must be unscrewed to remove the wheel casing.
- Lift wheel and wheel casing out of vacuum base.

## Step 16



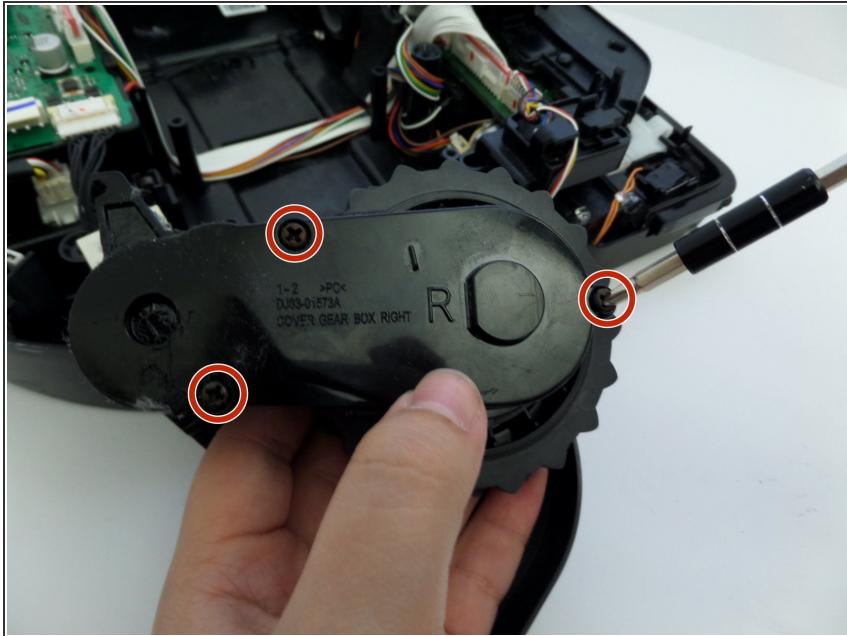
- Remove the three screws fastening the two halves of the wheel casing together.

## Step 17



- Separate the unsecured half of the wheel casing, exposing the wheel.

## Step 18



- Remove the three screws on the remaining half of the wheel casing.

## Step 19



- Unscrew the black 1 cm screw securing the center of the wheel.
- Remove the wheel.

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