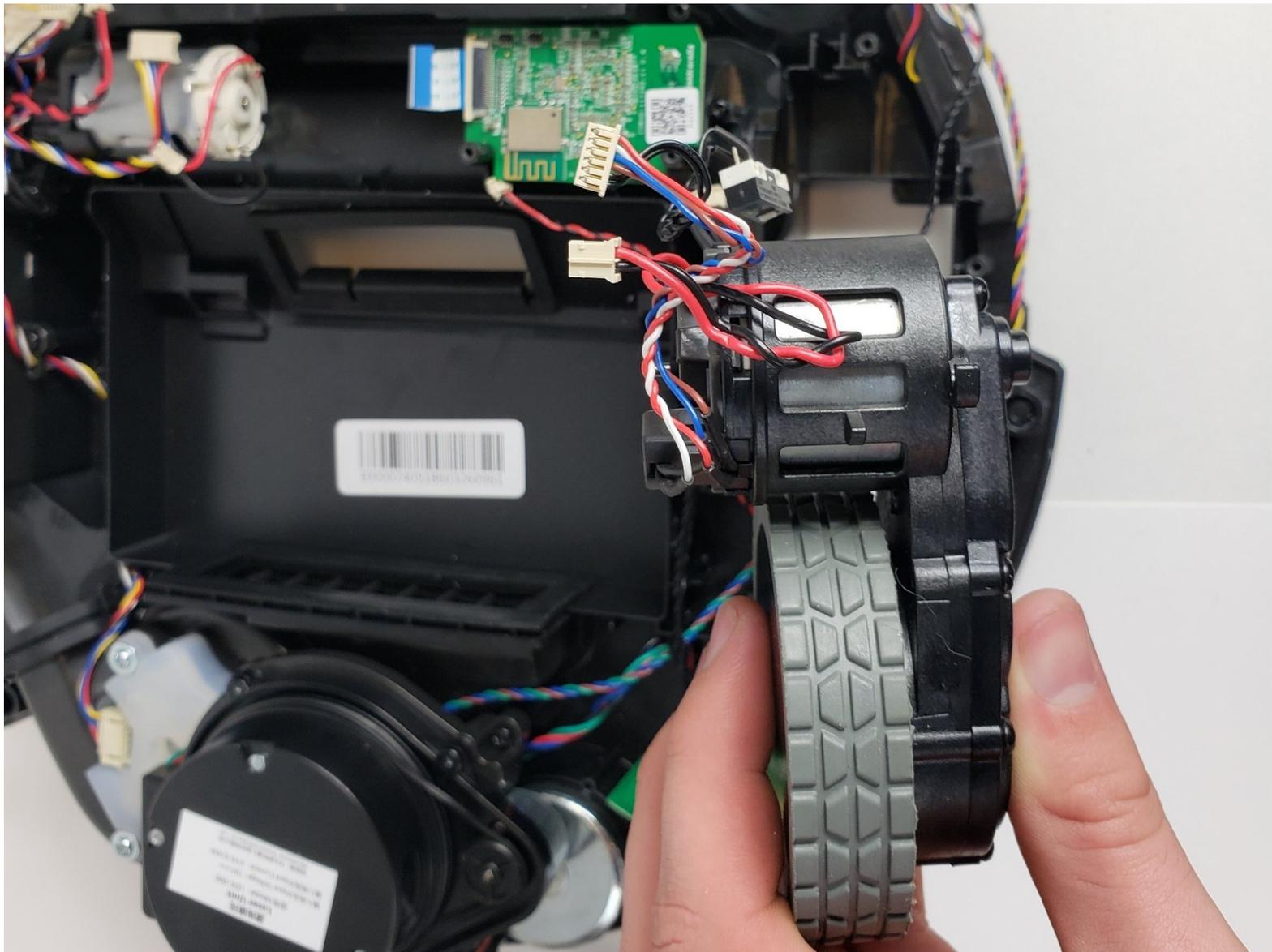




Ecovacs Deebot 900 Wheel Replacement

Use this guide to replace the wheel in the Ecovacs Deebot 900.

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INTRODUCTION

The Ecovacs Deebot 900 is an autonomous vacuuming robot. If the wheels are jammed, the Deebot will not be able to clean around your house. Use this guide to replace the wheel of the Ecovacs Deebot 900.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)



PARTS:

- [Ecovacs Deebot 900 Wheel](#) (1)

Step 1 — Battery



- Remove all the brushes from the Deebot.

Step 2



- Using a Phillips #0 screwdriver, remove the two 12.25 mm screws holding the battery cover in place.

Step 3



- Remove the battery cover.

Step 4



- Using the two white straps on the sides of the battery, gently remove the battery.

⚠ Be careful not to rip out the battery cable.

Step 5



- Carefully disconnect the battery cable by pulling near the connector at the bottom of the battery compartment.

Step 6 — Front Bumper



- Using a Phillips #00 screwdriver, remove the eight screws on the bottom edge of the bumper.

Step 7



- Remove the black strip on the bottom of the bumper.

Step 8



- Carefully lift up the bumper until it pops out of place.

Step 9



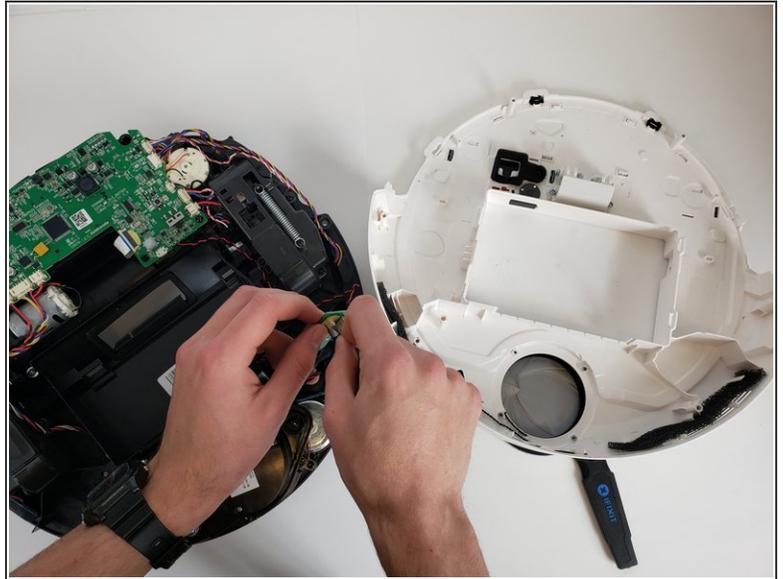
- Disconnect the two cables connecting the bumper to the body of the Deebot.
- Remove the front bumper from the device.

Step 10 — Bottom Case



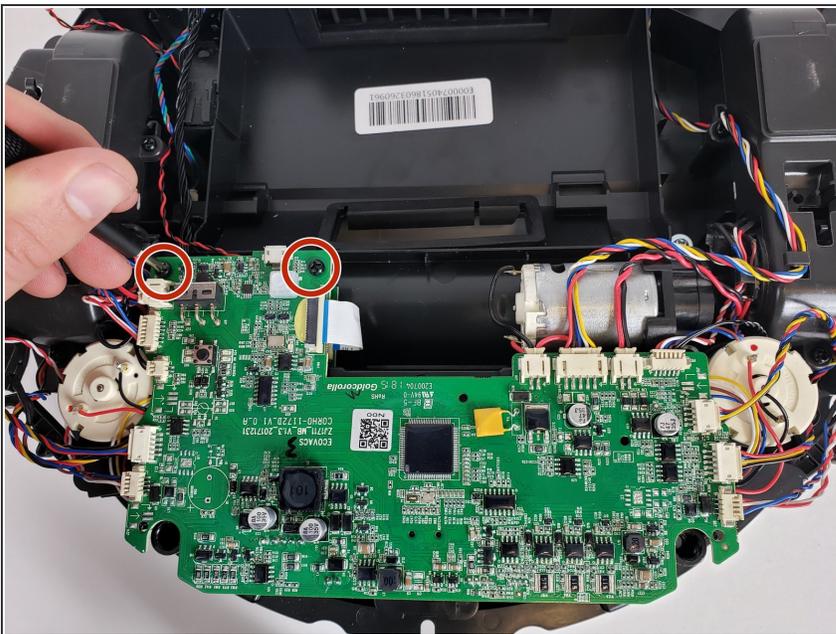
- Using a Phillips #00 screwdriver, take out the six screws around the perimeter of the bottom case.

Step 11



- Insert a Jimmy into the seam and work all the way around the robot.
- Disconnect the two cables and remove the bottom case from the device.

Step 12 — Motherboard



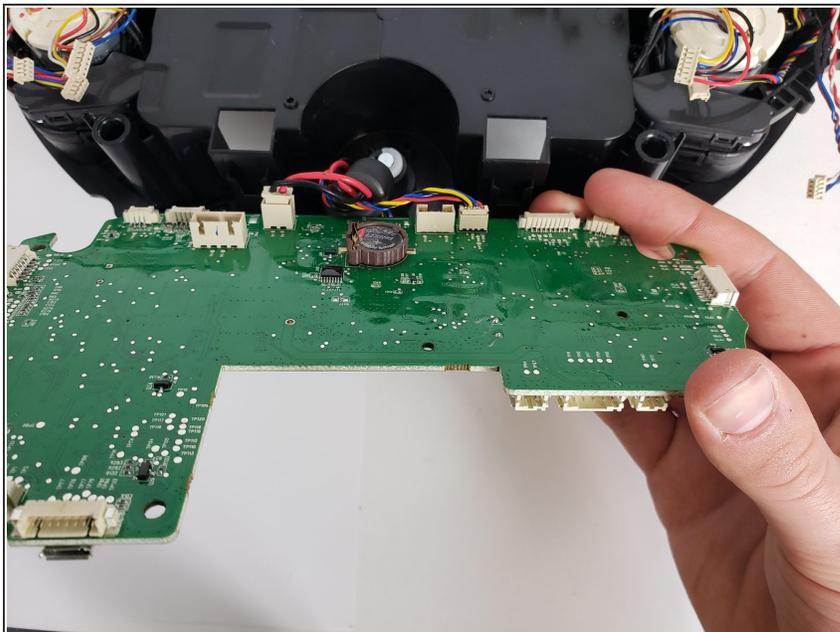
- Using a Phillips #00 screwdriver, remove the two black screws holding the motherboard in place.

Step 13



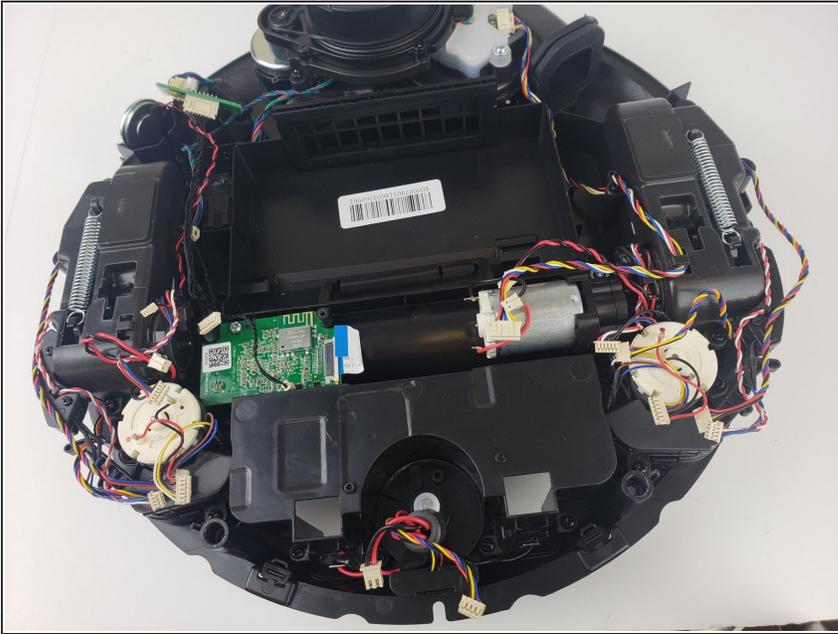
- Carefully remove the ribbon cables connected to the top of motherboard.
- ⓘ Keep track of where the cables connect to the motherboard.

Step 14



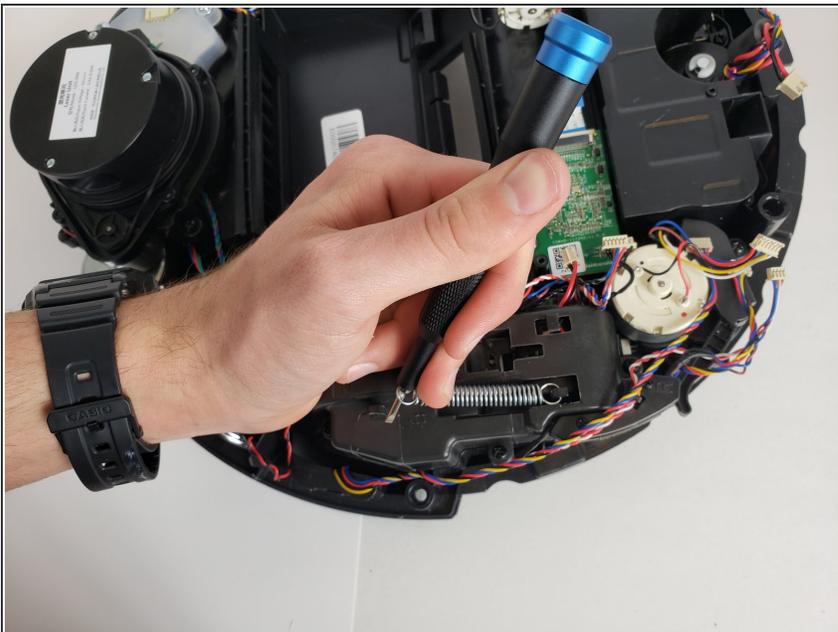
- Remove the last three ribbon cables on the underside of the motherboard.

Step 15



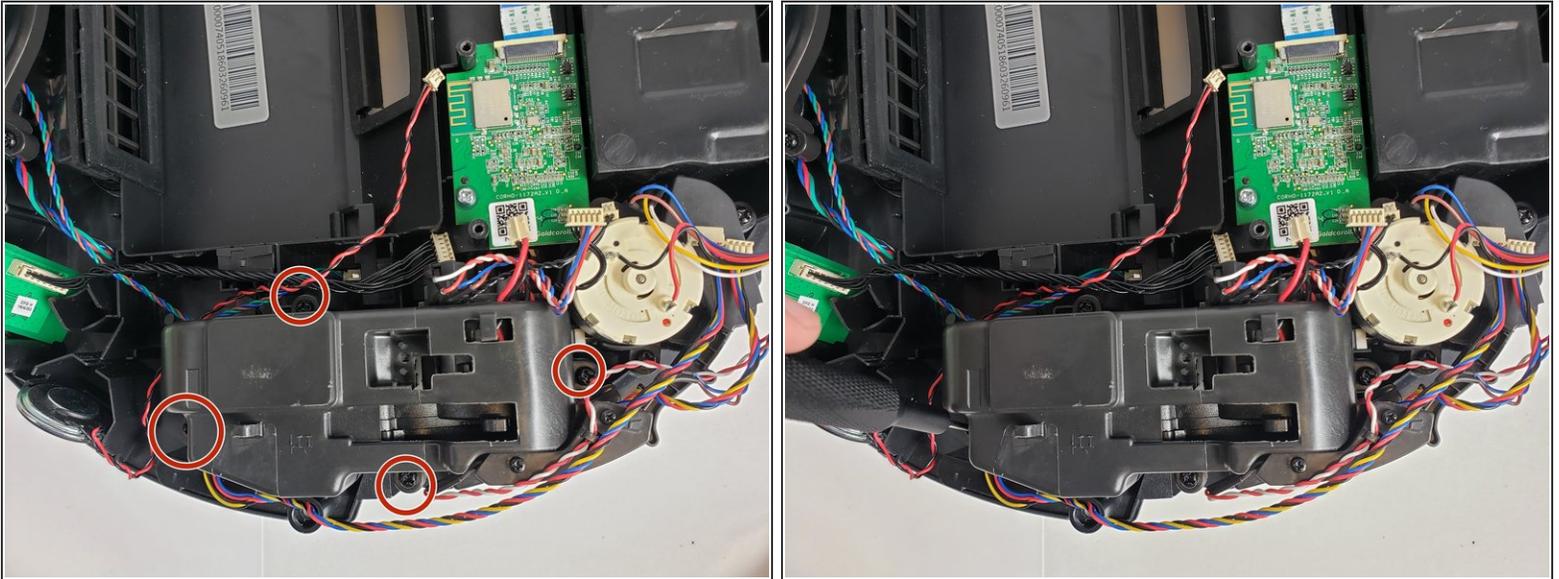
- Lift the motherboard out of the Deebot and remove it from the device.

Step 16 — Wheel



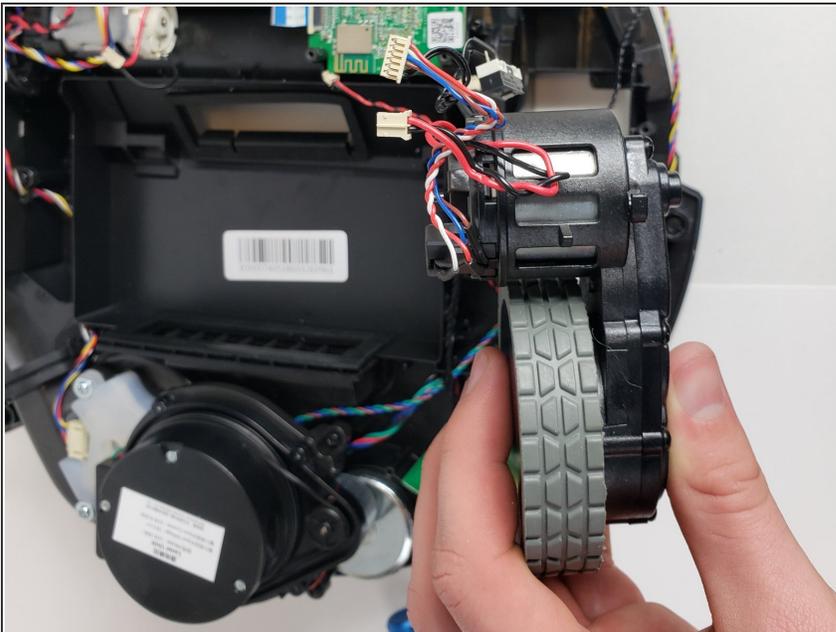
- Using a screwdriver or tweezers, remove the spring by lifting the spring and pulling it off one side.

Step 17



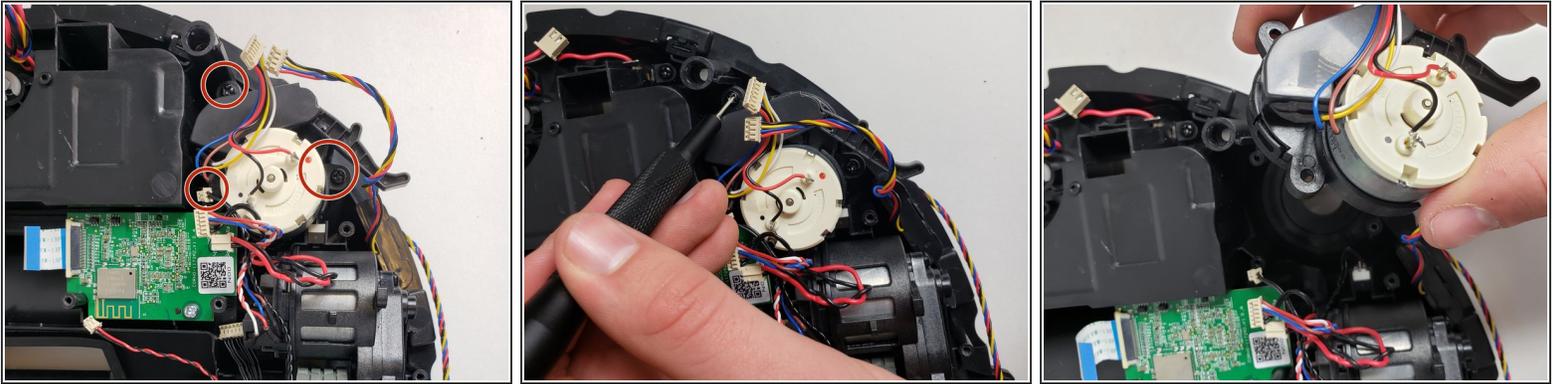
- Using a Phillips #00 screwdriver, remove the four screws holding the wheel assembly in place.

Step 18



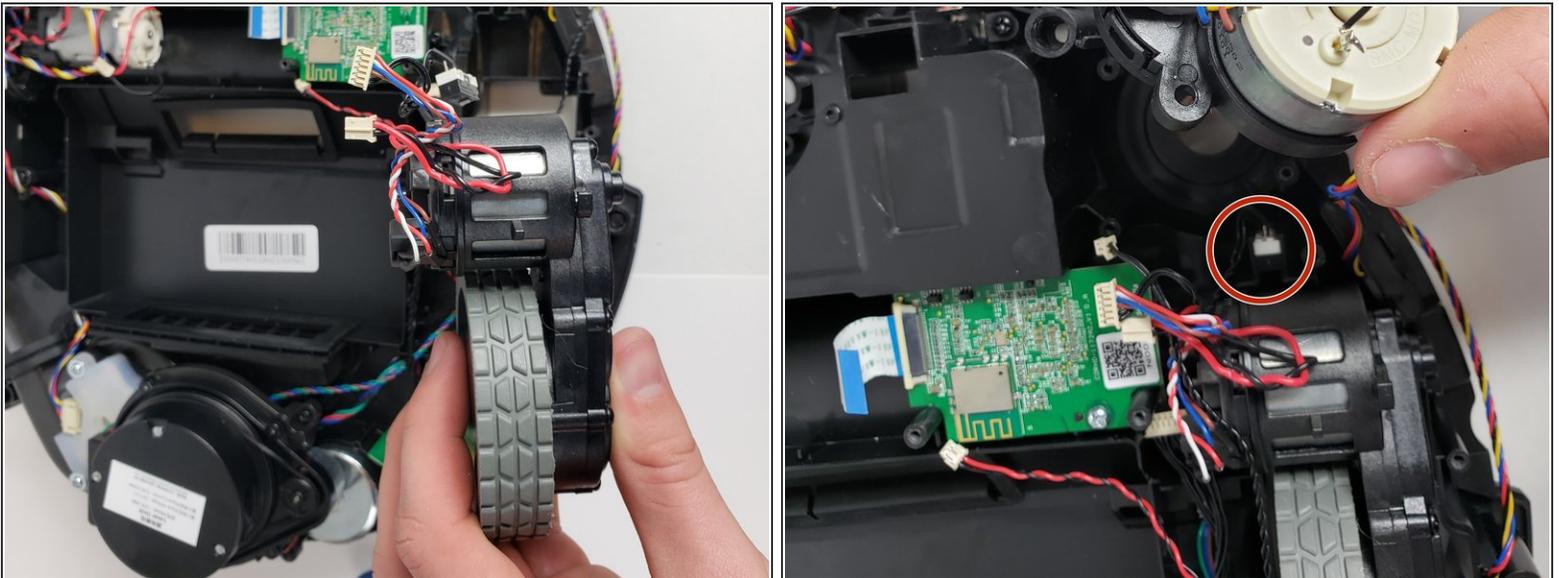
- Remove the wheel cover.

Step 19



- Using the Phillips #00 screwdriver, remove the three screws holding the side brush motor in place and lift the brush motor up.

Step 20



- Lift up and remove the wheel assembly and the attached sensor (black cable).

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