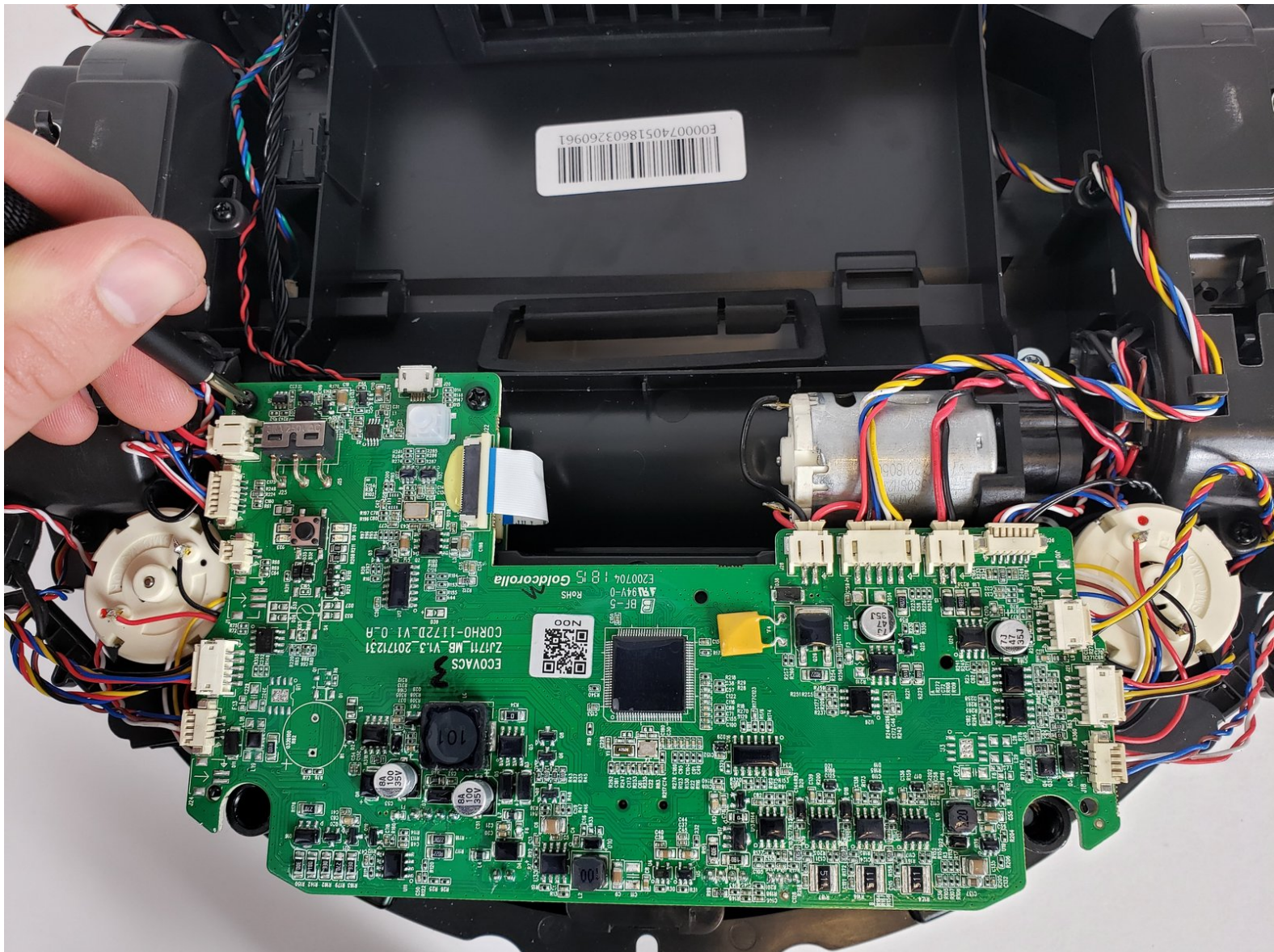




Ecovacs Deebot 900 Motherboard Replacement

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

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INTRODUCTION

The motherboard is a crucial aspect to controlling the Ecovacs Deebot 900. Unfortunately, the motherboard is easily fried if the robot accidentally vacuums water and may need to be replaced. Use this guide to replace the motherboard in the Ecovacs Deebot 900.



TOOLS:

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

Step 1 — Front Bumper



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

Step 2



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

Step 3



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

Step 4



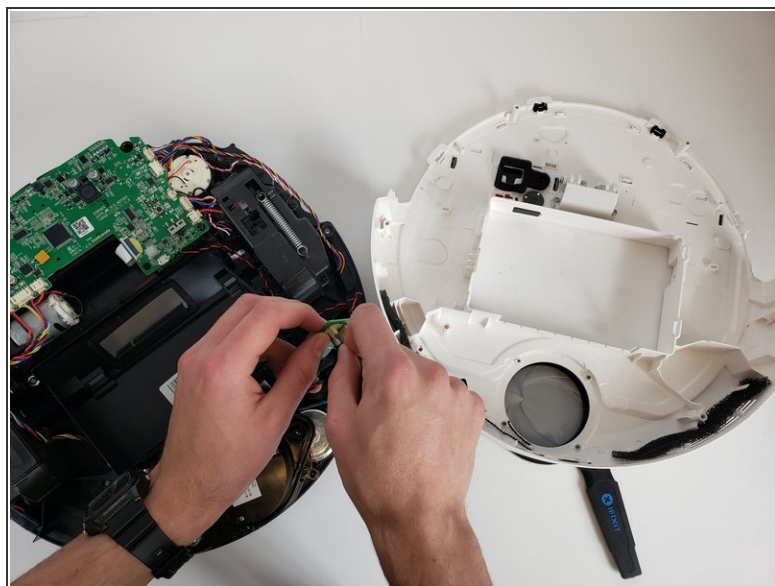
- Disconnect the two cables connecting the bumper to the body of the Deebot.
- Remove the front bumper from the device.

Step 5 — Bottom Case



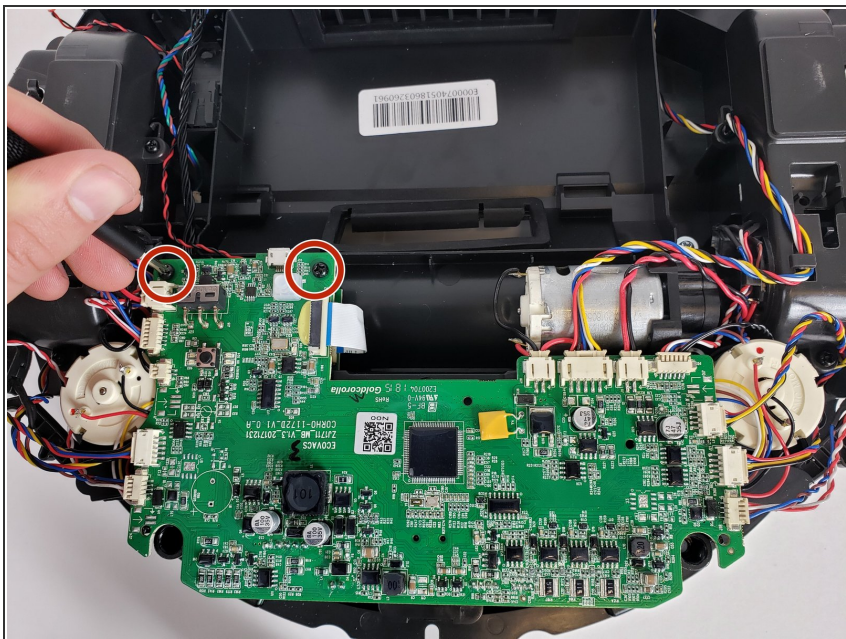
- Using a Phillips #00 screwdriver, take out the six screws around the perimeter of the bottom case.

Step 6



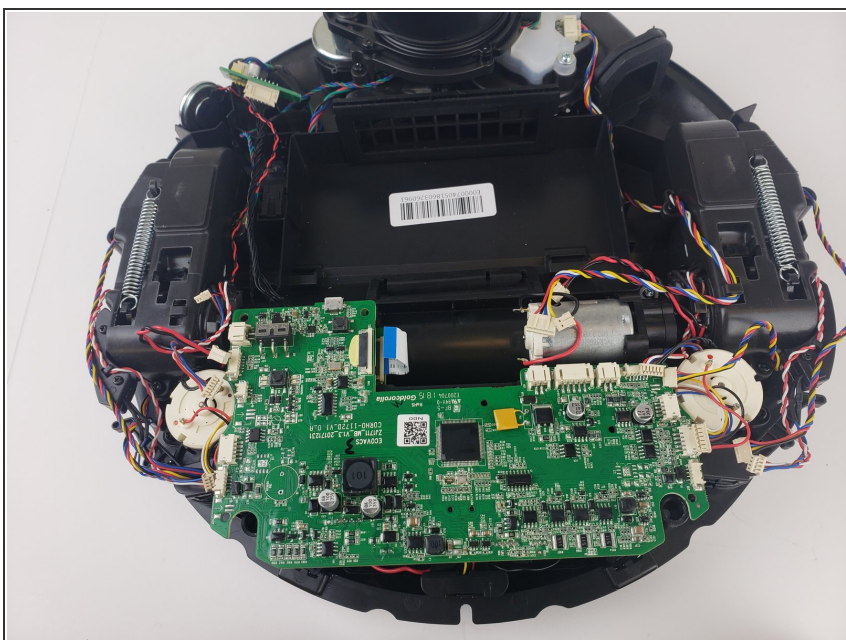
- Insert a Jimmy into the seam and work all the way around the robot.
- Disconnect the two cables and remove the bottom case from the device.

Step 7 — Motherboard



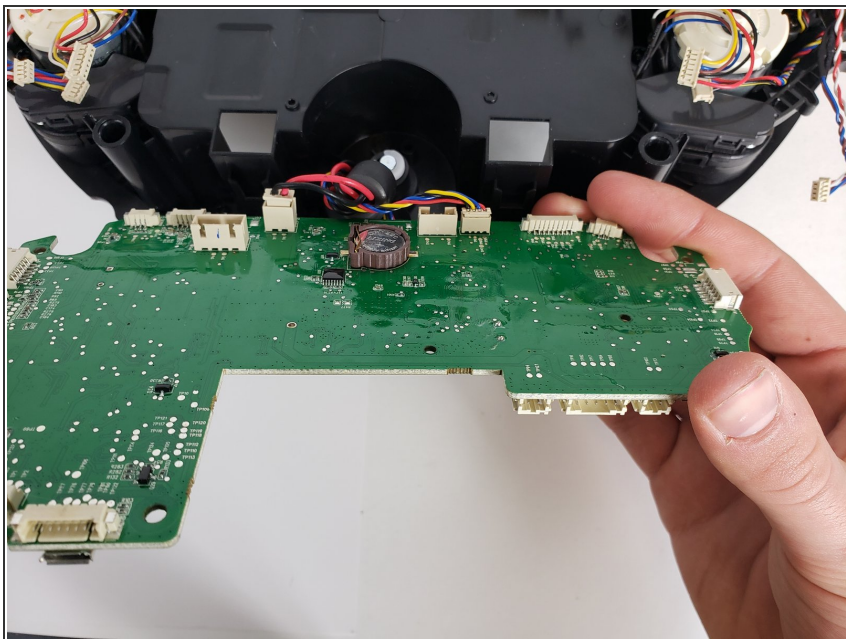
- Using a Phillips #00 screwdriver, remove the two black screws holding the motherboard in place.

Step 8



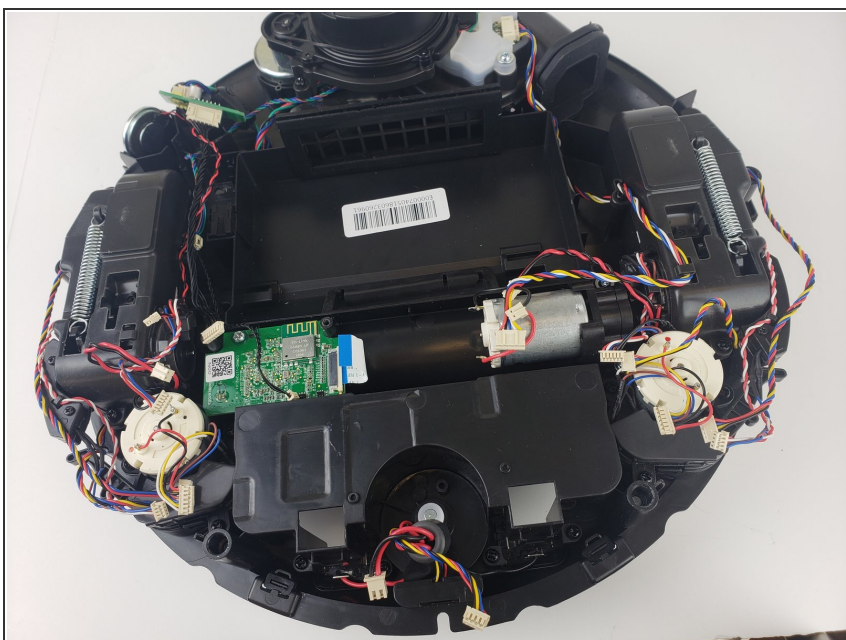
- Carefully remove the ribbon cables connected to the top of motherboard.
- ⓘ Keep track of where the cables connect to the motherboard.

Step 9



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

Step 10



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

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