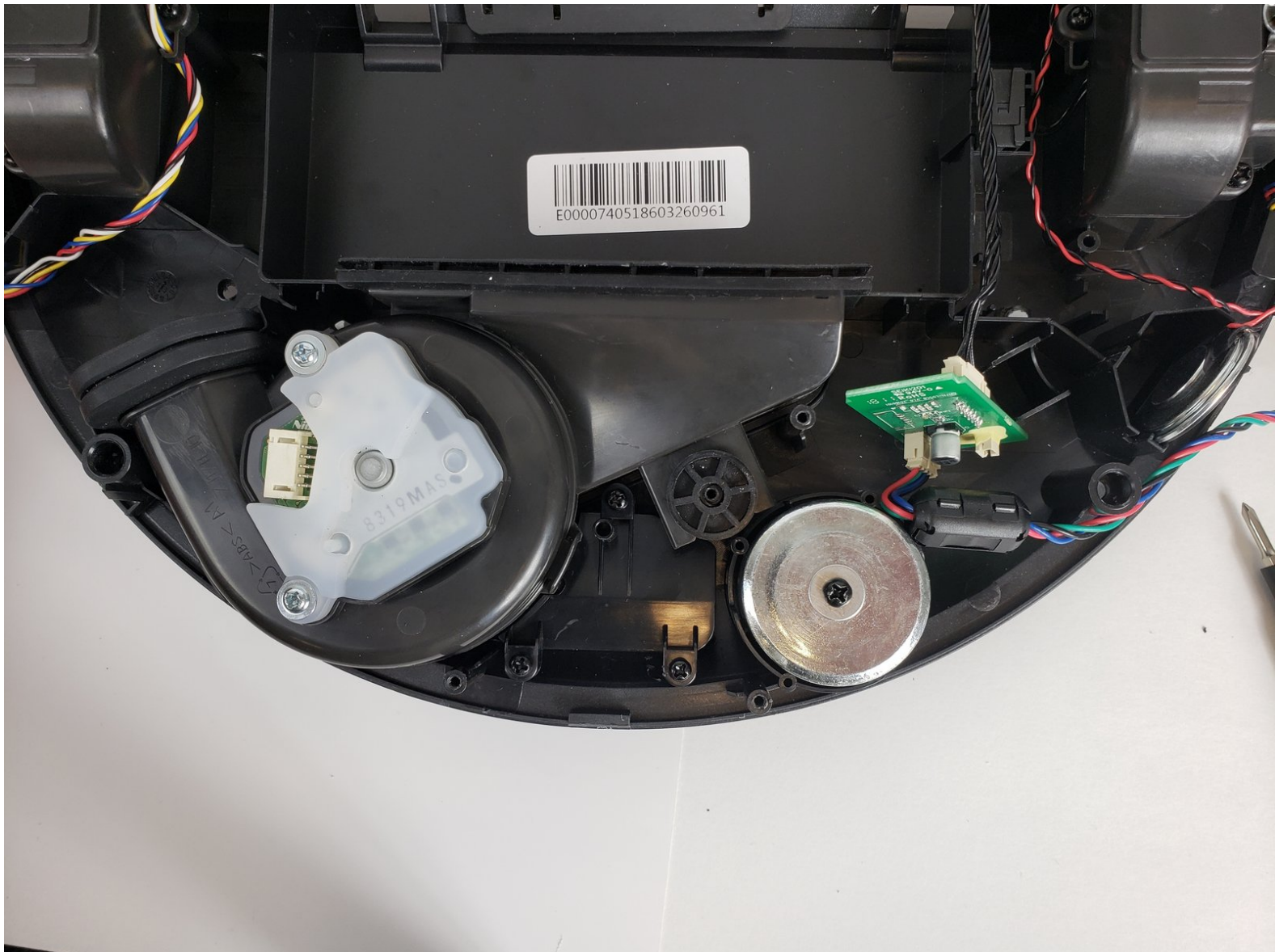




# Ecovacs Deebot 900 Vacuum Motor Replacement

Use this guide to replace the vacuum motor of the Ecovacs Deebot 900.

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## INTRODUCTION

The Ecovacs Deebot 900 is an autonomous vacuuming robot. If the vacuum motor is not working, the Deebot will not pick up debris and will be unable to clean. Use this guide to replace the vacuum motor of your Ecovacs Deebot 900.



### TOOLS:

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



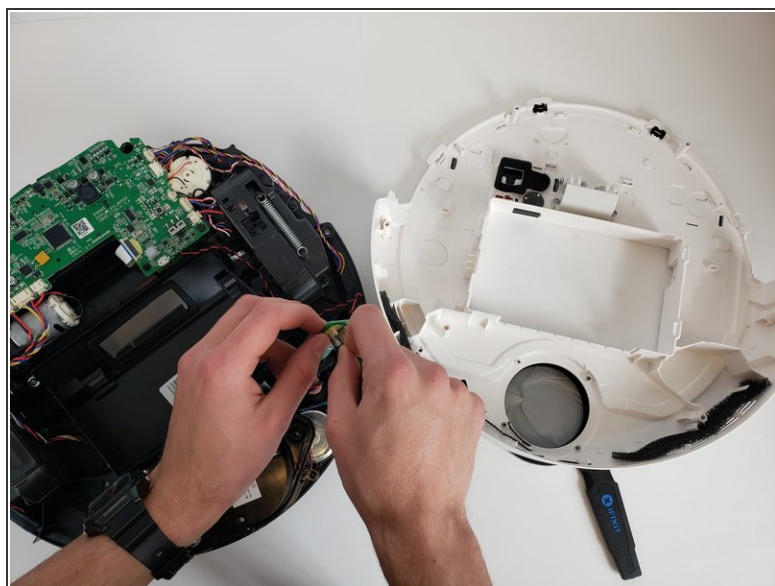
- Disconnect the two cables connecting the bumper to the body of the Deebot.
- Remove the front bumper from the device.

## Step 10 — Bottom Case



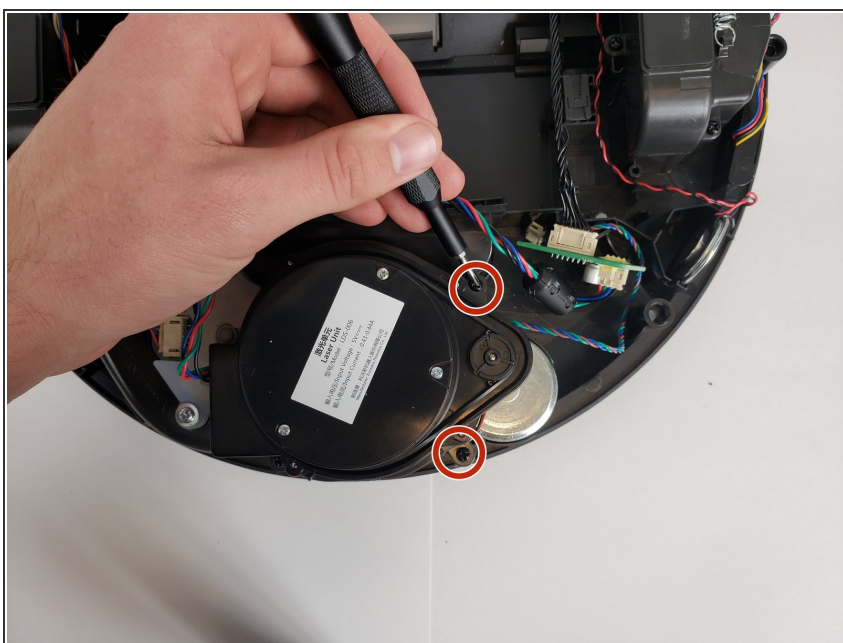
- Using a Phillips #00 screwdriver, take out the six screws around the perimeter of the bottom case.

## 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.

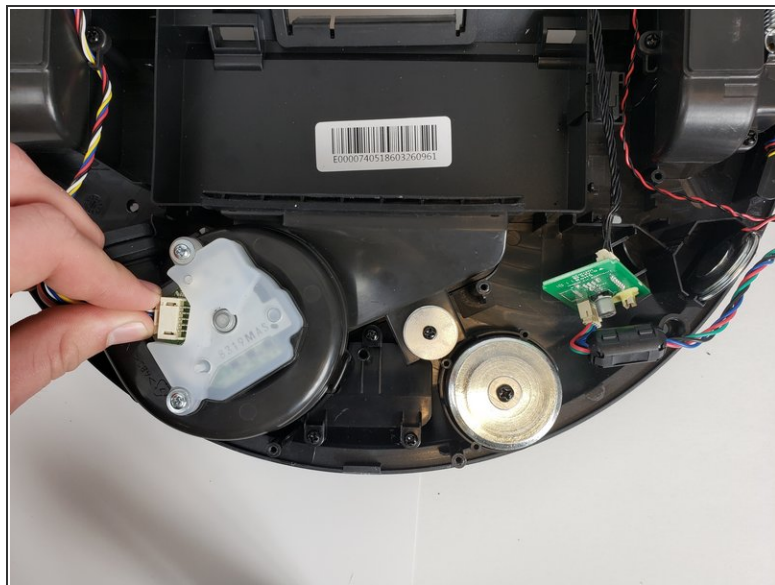
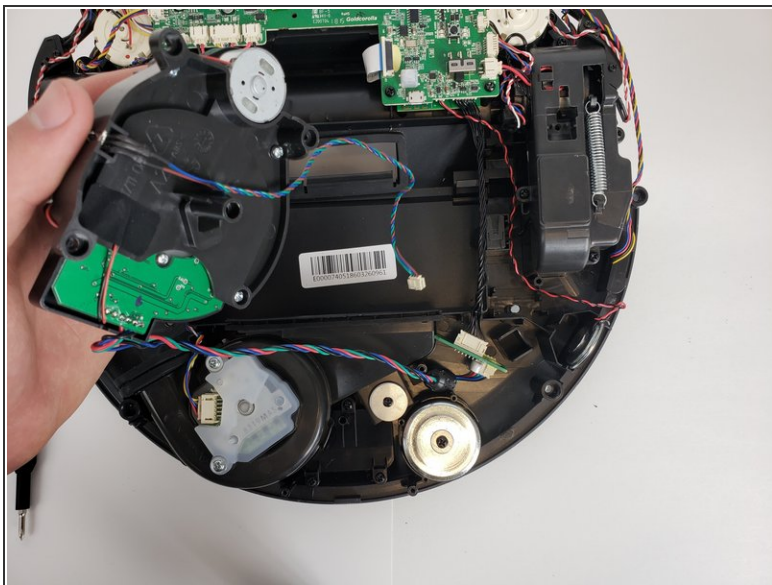
## Step 12 — Vacuum Motor



- Using the Phillips #00 screwdriver, remove the three screws around the laser unit.



## Step 13



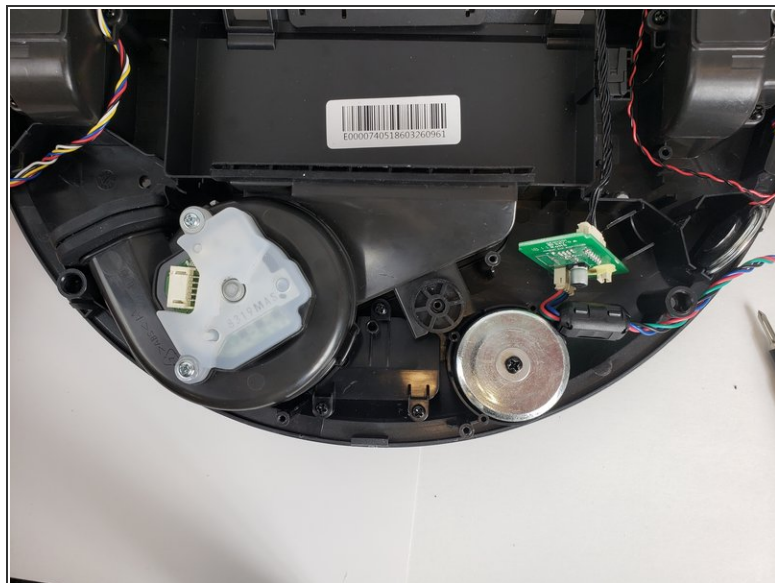
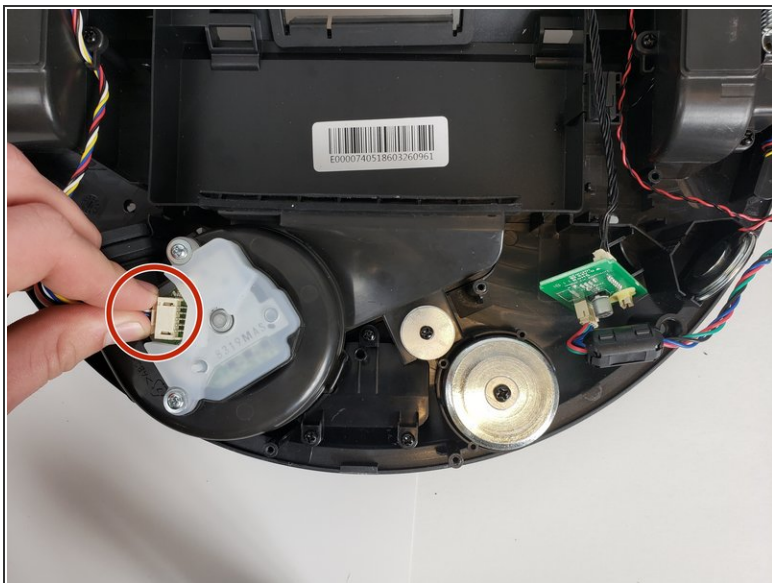
- Carefully lift the laser unit off of the motor assembly.

## Step 14



- Remove the single screw holding the motor assembly in place using the Phillips #00 screwdriver.

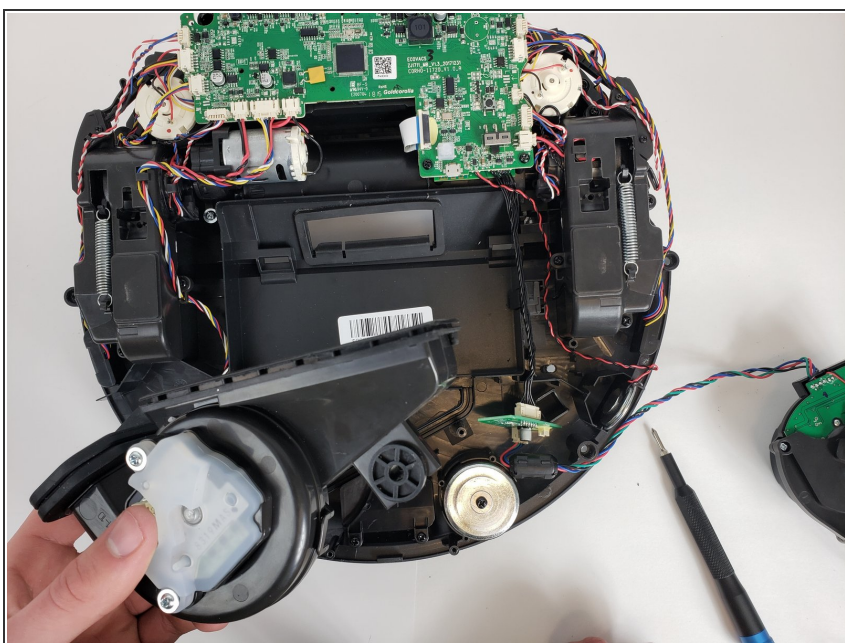
## Step 15



- Disconnect the ribbon cable holding the assembly in place.

⚠ Be careful not to damage the cable.

## Step 16



- Lift and remove the motor assembly out of the Deebot.

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