



iRobot Mint 4200 Wheel Motor Replacement

This guide will show you how to replace the wheels and or motors on the iRobot Mint automatic hard floor cleaner.

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INTRODUCTION

If your iRobot Mint is having trouble moving, this guide will show you how to take it apart and get it going again.

TOOLS:

- Precision Utility Knife (1)
- Phillips #2 Screwdriver (1)
- Nylon Tipped Tweezers (1)
- Heavy-Duty Spudger (1)
- Metal Spudger (1)
- ESD Safe Tweezers Blunt Nose (1)
- Phillips #1 Screwdriver (1)
- Flathead Screwdriver (1)

PARTS:

- B01DRBX5ZU (1)

Step 1 — Remove Battery



- Remove the 4mm flathead screw on the battery cover.

Step 2



- Pull out the battery and unplug the wires.

i The nylon tip pliers can help you get a better grip on the battery plug.

! Do not pull on the wires.

Step 3 — Wheel Motor Covers



- Eight Phillips screws are located underneath the stickers.
- Carefully cut around the 8 screw holes using an X-acto knife or razor blade to reveal the screws.
- Remove the screws with a #2 Phillips screwdriver.

Step 4



- Separate wheel motor lid and set aside.

Step 5 — Cleaning Pad



- Remove cleaning pad.

(i) The cleaning pad is magnetic and will pull right off with a little force.

Step 6 — Separating Top Case



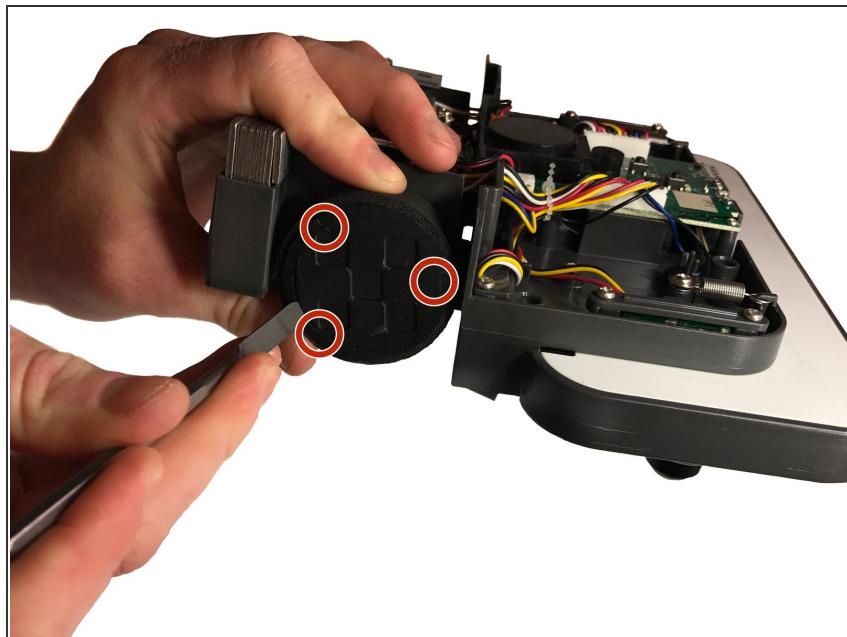
- Remove four #2 Phillips screws.

Step 7 — Separate Case



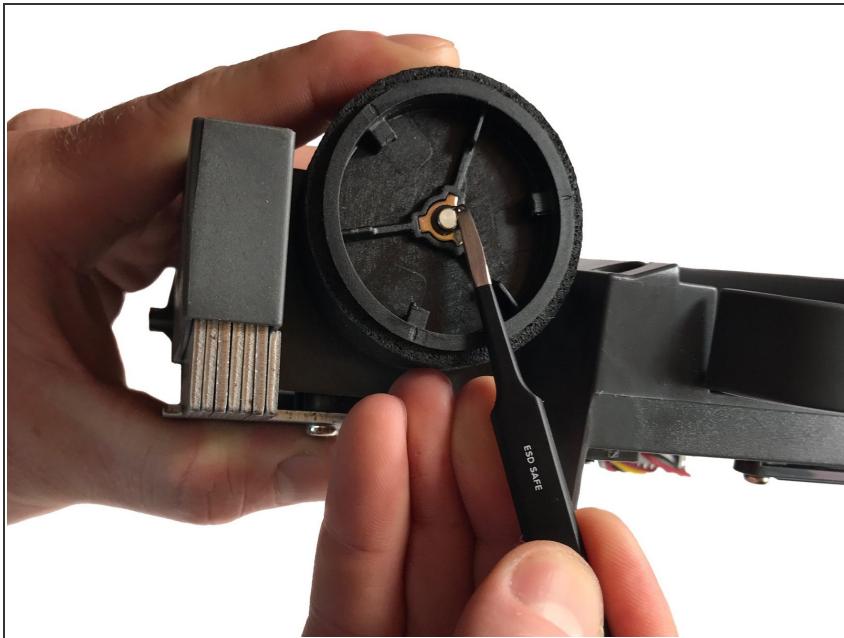
- With the device upside down, pull up to separate the bottom from the top cover.

Step 8 — Wheel Removal



- Locate the three arrows on each wheel.
- Insert metal spudger at arrow locations to pop off the wheel covers.

Step 9



- Use blunt nose pliers to remove circlip.
- Once clip is removed you can pull the wheel off in an outward motion.

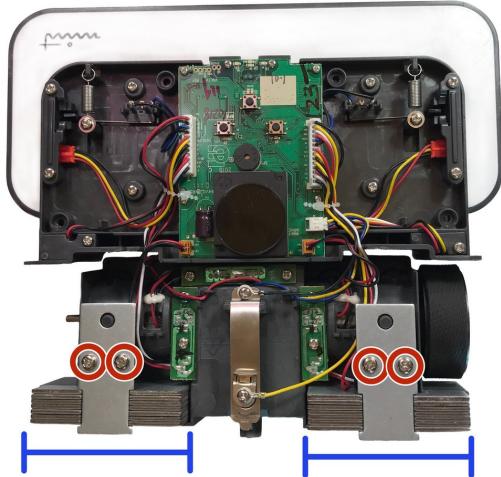
i Wedge one side of the pliers between the clip opening and carefully pry upwards.

Step 10 — Motor Mount



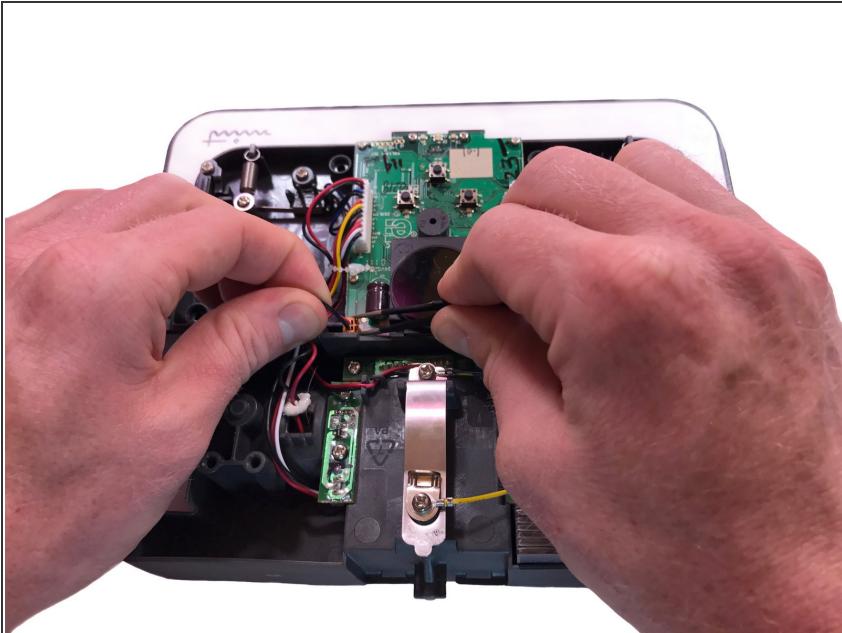
- Remove two #1 Phillips screws.
- Pull off sprocket.

Step 11 — Remove Counterweights



- Remove four #2 Phillips and lift off retainer.
- Pull out all weights and set aside
- *i* Keep weights stacked together so they do not get mixed up.

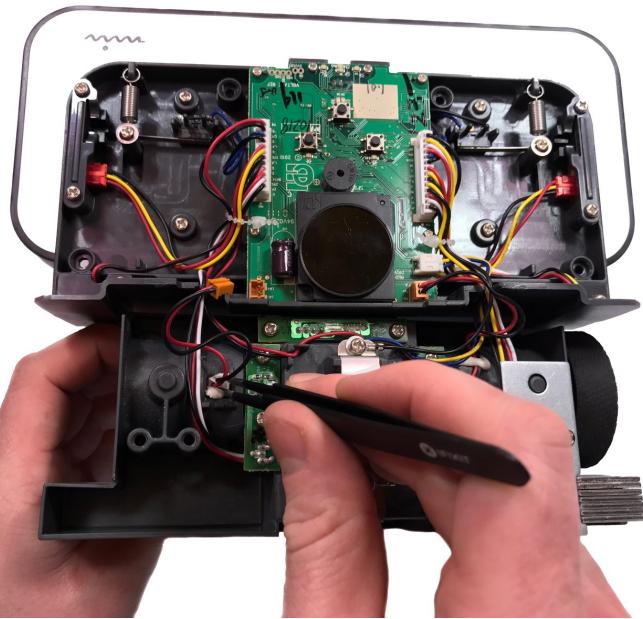
Step 12 — Unplug Motor



- Unplug the motor.

⚠ Do not pull on the plug as this can cause damage.

Step 13



- Using the blunt nose pliers, peel up the adhesive and feed the wires with adhesive through the opening.

Step 14 — Pull the Motor Out



- Flip the unit over and pull the motor out.

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