



iRobot Roomba i7 Front Bumper Replacement

iRobot Roomba i7 Front Bumper replacement and maintenance guide.

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INTRODUCTION

Is the Front Bumper on your iRobot Roomba i7 stuck or not moving freely? If you notice that your device is showing you an Error 9 or Error 16, it means that there is an issue involving the Front Bumper of your Roomba. To solve either of these problems, you can try tapping the bumper several times to help dislodge any debris that may be trapped inside and preventing your bumper from operating correctly. If this doesn't help fix your front bumper and it is dislodged, then you will need to re screw the Front Bumper back into place.

The Front Bumper is on the top of the device (if looking from an overhead view). The purpose of the Front Bumper is to detect any walls or borders that may be in the room that it is cleaning. The Bumper is used to prevent it from damaging them by using the sensors in the front to slow down and gently touch the walls/borders.

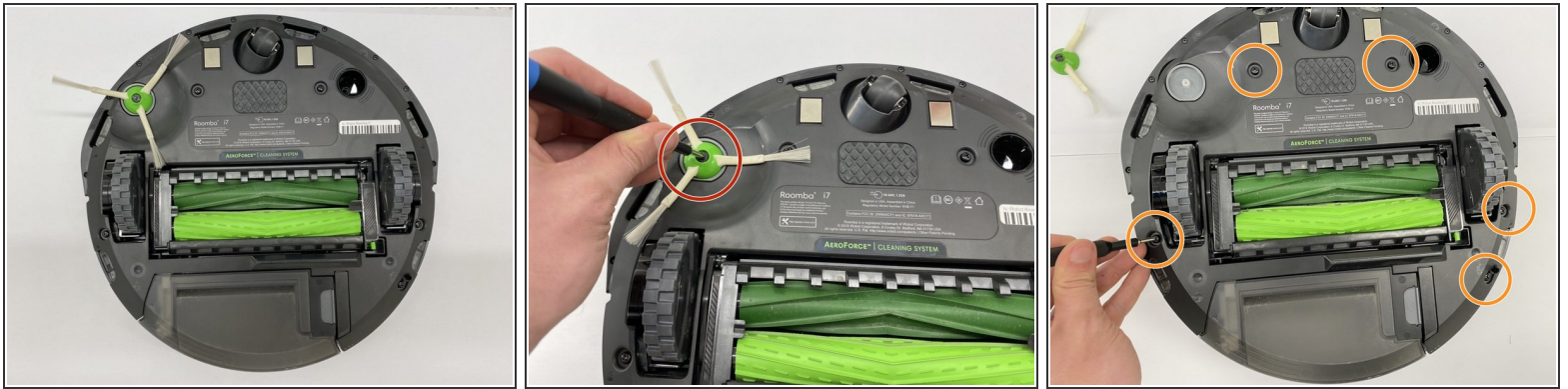
Before you begin using this guide, make sure that your Roomba is turned off and disconnected from the charging station, or Home Base.



TOOLS:

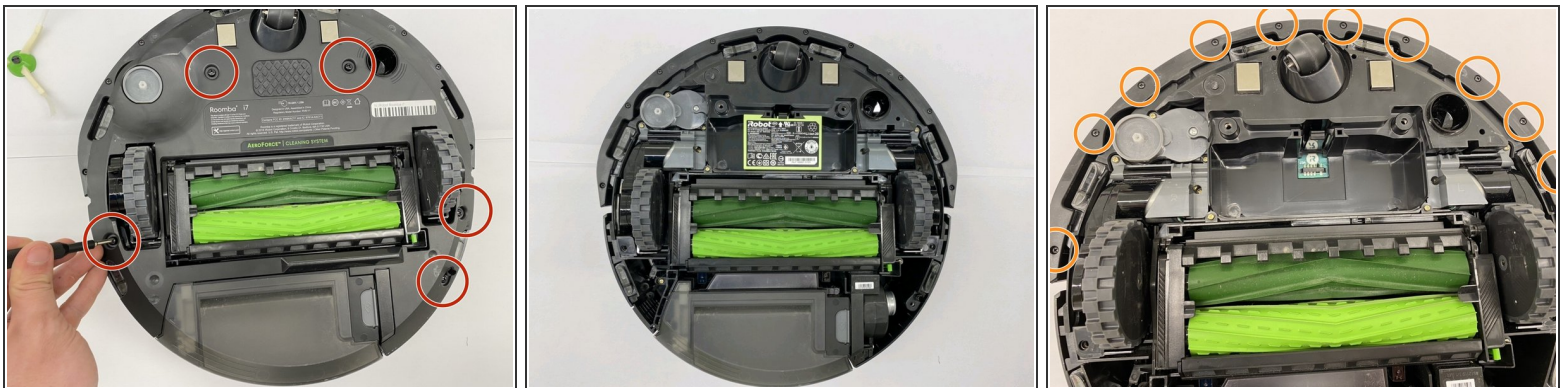
- [Phillips #1 Screwdriver](#) (1)
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Step 1 — Front Bumper



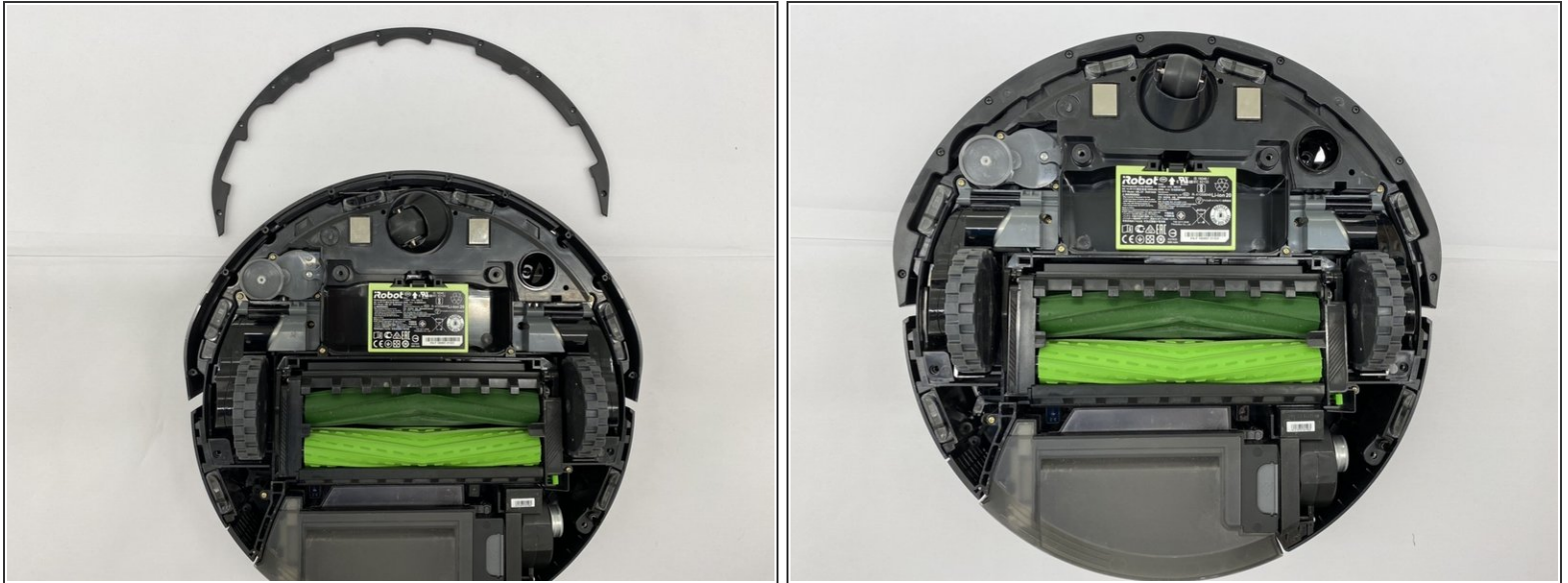
- Flip the iRobot Roomba i7 so that the underside is facing upwards.
- Using a Phillips #1 screwdriver, unscrew the 6.27mm screw in the center of the side brush.
- Using a Phillips #1 screwdriver, unscrew the 5 screws surrounding the bottom cover of the Roomba

Step 2



- Using a Phillips #1 screwdriver, unscrew the 5 screws surrounding the bottom cover of the Roomba
- Use the Philips #1 screw driver to remove the ten, 4.17 mm screws on the dislodged Bumper

Step 3



- Once removed, readjust the bumper into its appropriate placement.

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