



Insignia NS-VCS14SL7 Motor Replacement

Use this guide to troubleshoot and replace the Insignia NS-VCS14SL7 motor.

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INTRODUCTION

The Insignia 2-in-1 Handheld/Stick vacuum can lose its ability to create suction. Use this guide to access the vacuum's motor for replacement and troubleshooting.

TOOLS:

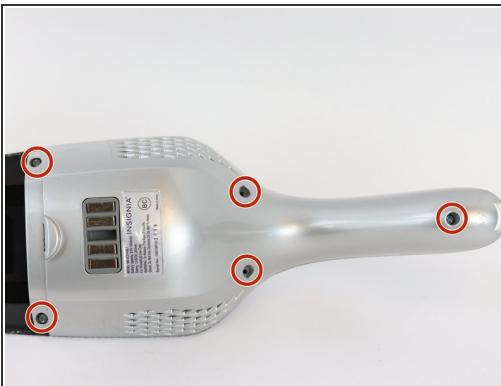
- [Phillips #2 Screwdriver](#) (1)
- [Spudger](#) (1)

Step 1 — Battery



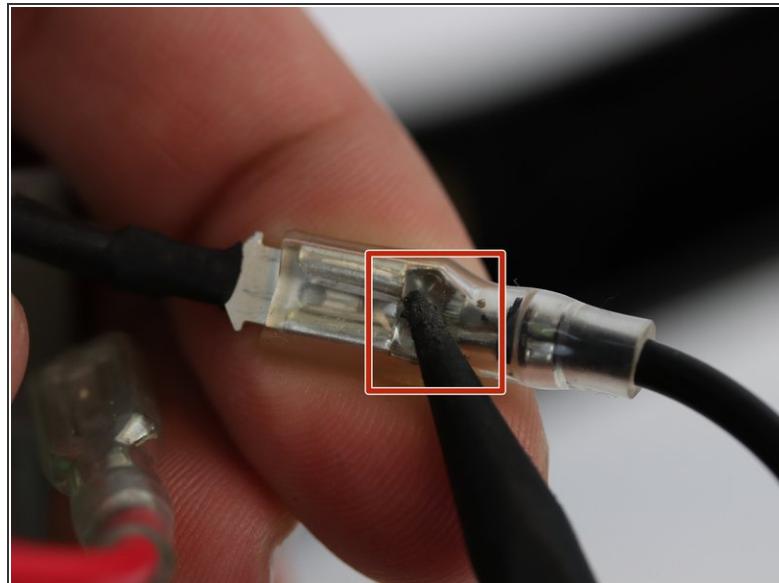
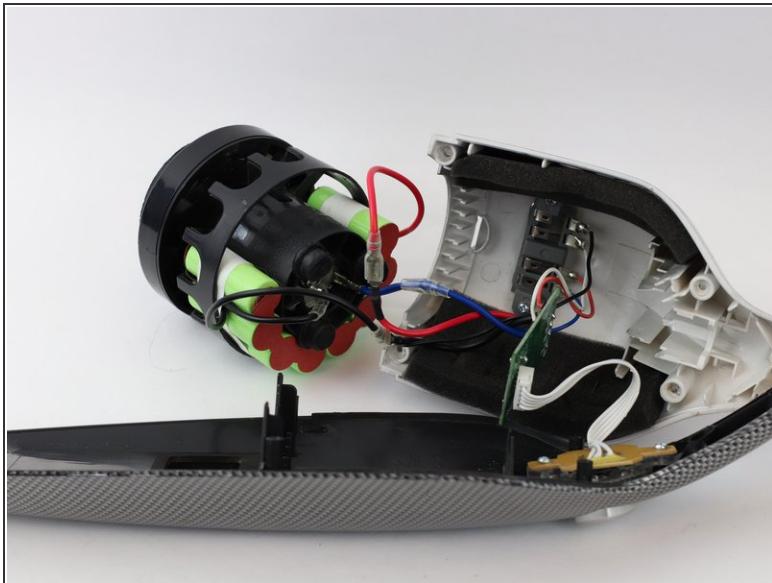
- Push down the black button to release the dust cup.
- Pull the dust cup up and away from handheld portion to remove.

Step 2



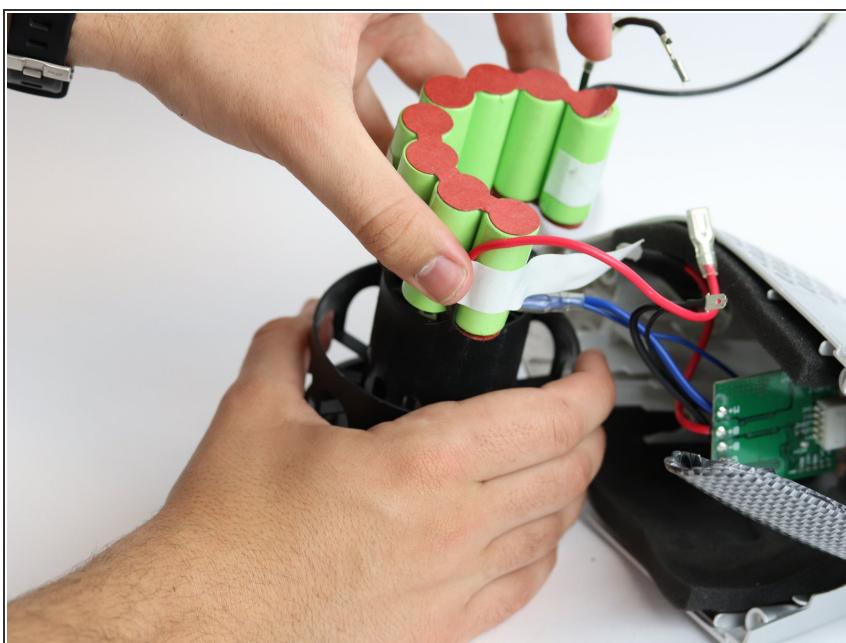
- Remove the five 12.0 mm screws on the back of the handheld portion using the Phillips #2 screwdriver.
- Lift the silver cover off of the black body of the handheld portion to expose the battery and wiring.

Step 3



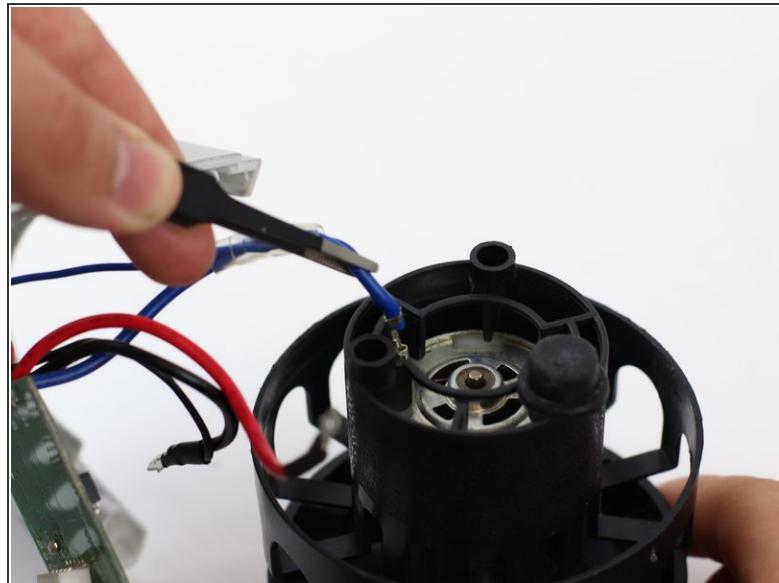
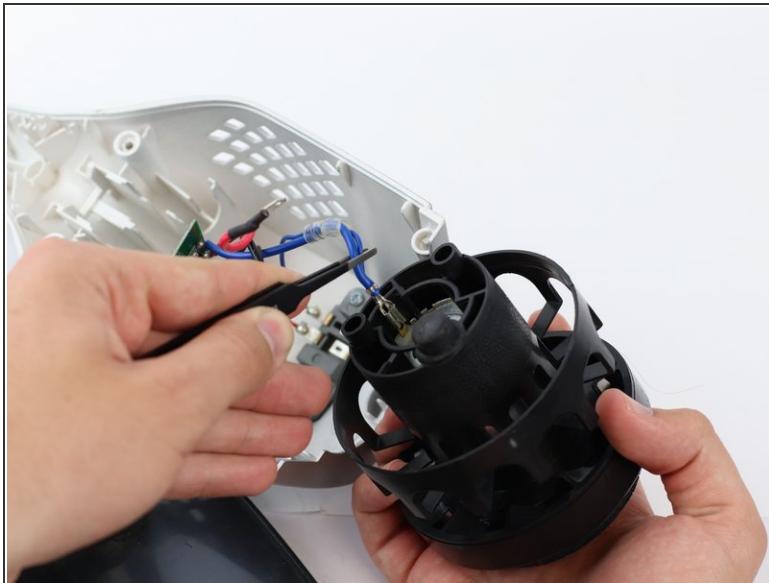
- Pull apart the red and black wires.
- Do so for all of the wires. (Red x1, Black x2)

Step 4



- Remove the tape holding the battery to the black housing.
- Slide the entire battery bundle out.

Step 5 — Motor



- Use plastic spudger to remove blue wire from motor, freeing the motor.

Step 6



- Twist and pull black casing off of the motor, leaving the motor and irremovable black impeller housing.

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