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Hamilton Beach 51101BA Motor Replacement

In completing this guide you will have replaced the motor to your blender. Soldering experience required.
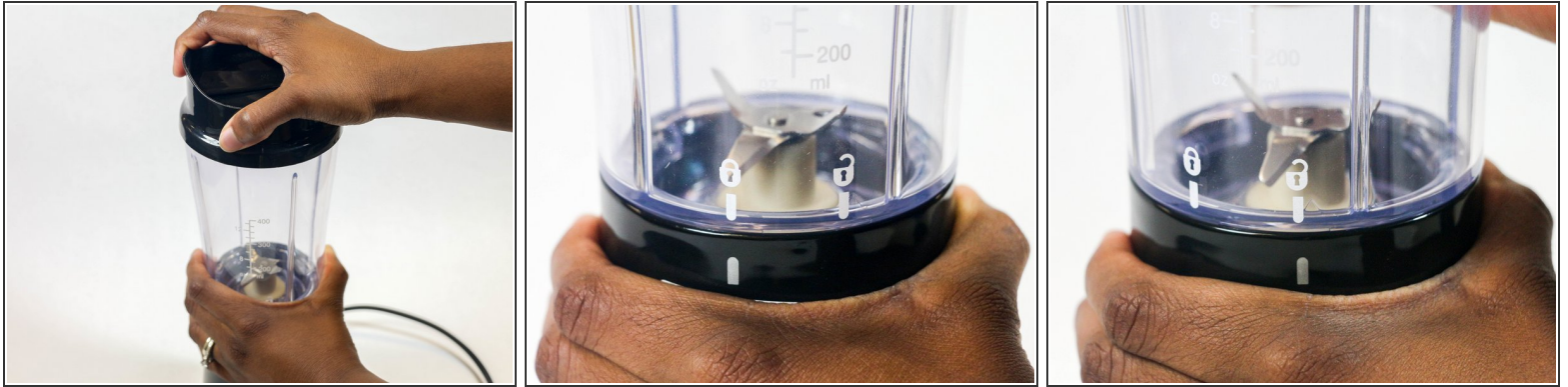
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INTRODUCTION

After using this guide you will have learned how to replace the motor to your blender. You will need to use basic tools and soldering to complete this guide.

⚲ TOOLS:

- Phillips #2 Screwdriver (1)
- Spudger (1)
- Soldering Iron (1)

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Step 1 — Rotor

- Remove the container from the blender.
  - Hold the blender and the container, then twist the container in a clockwise motion.
    - (i) Make sure to follow the lock and unlock markings on the container.

Step 2

- Turn the blender so the bottom is facing you.

- Using a Phillips #2 screwdriver, remove the two 5 mm Phillips screws from the base.

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Step 3

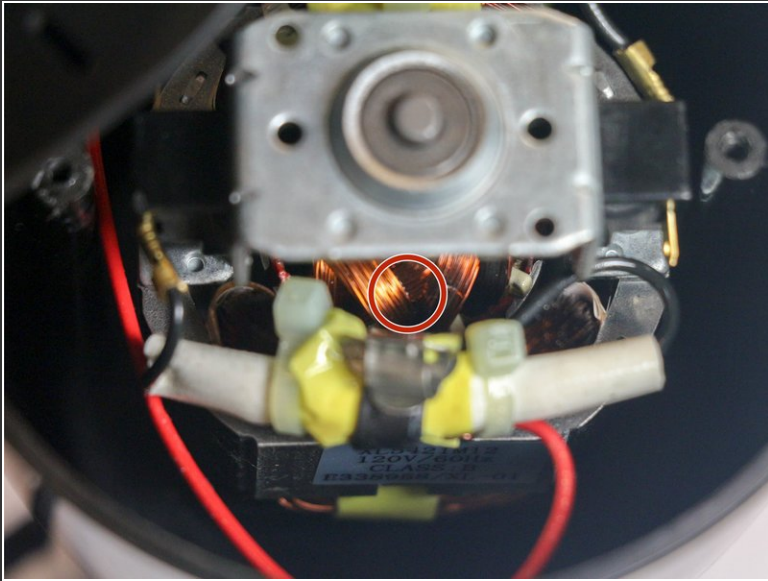- Using a Phillips #2 screwdriver, remove the two 5 mm Phillips screws from the motor platform.

Step 4

- Unhinge the plastic motor platform from the blender.

- ⓘ You may need a plastic spudger to unhinge the motor platform from the blender.

Step 5

- Using a spudger, carefully insert the tip into the coil of wire around motor.
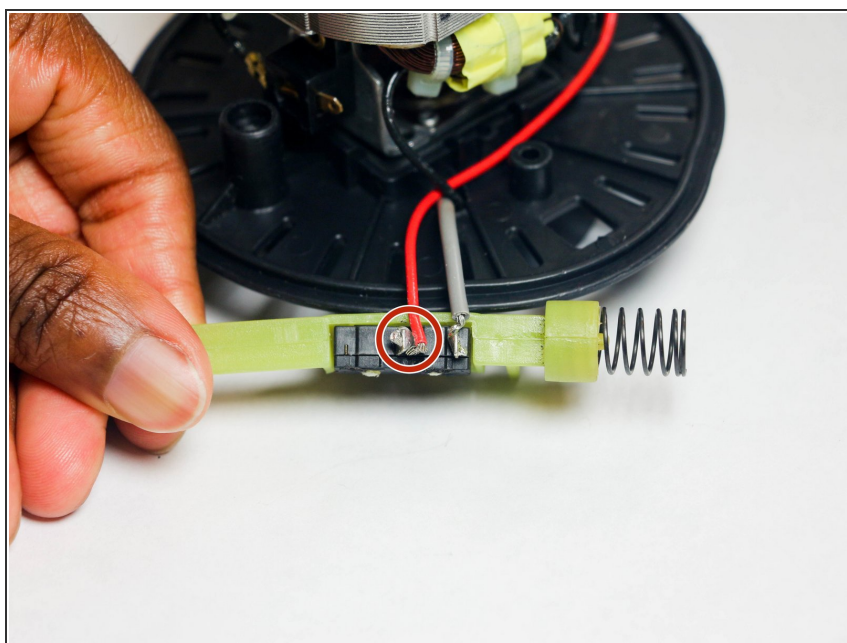 - (i) This is used to hold the rotating piece of the motor still.

Step 6

- Remove the white rotor piece by rotating it counter-clockwise.
  - (i) While rotating, make sure the rotating piece of the motor remains still.

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Step 7 — Motor

- Move the motor platform to the side.

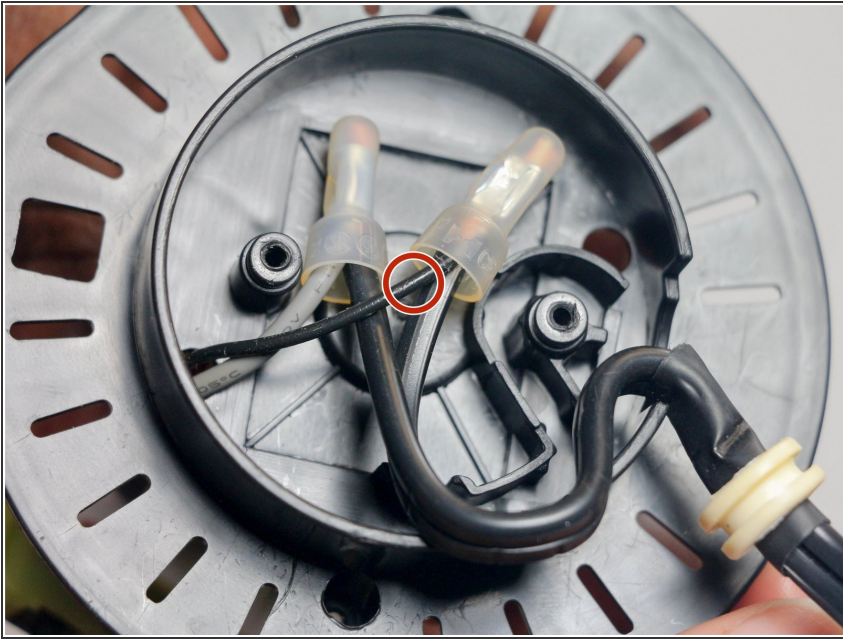- Lift up the motor and remove it from the blender.

Step 8

⚠ Some soldering experience required!

- Desolder the red wire from the green plastic piece.

Step 9

- Cut the thin black wire from the wire cap.

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

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