Rival Mini Chopper MC-67BL Motor Replacement
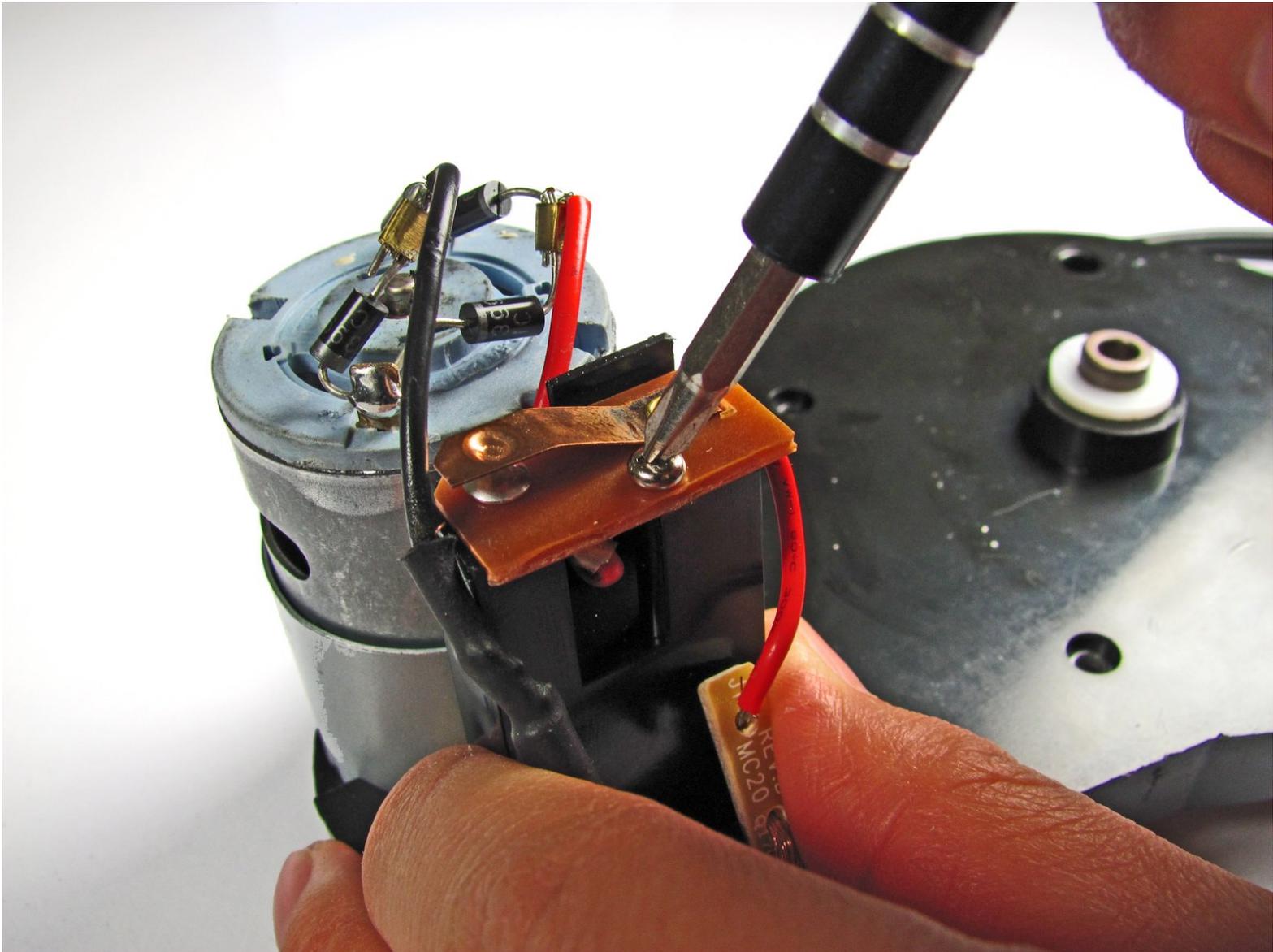
Remove the Rival Mini Chopper motor.

Written By: Roxanne

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INTRODUCTION

This guide will help you remove the motor and requires the uses of a soldering iron. Check out this soldering guide for help if you don't know how to solder.

🔧 TOOLS:

- Phillips #2 Screwdriver (1)
- Large Needle Nose Pliers (1)
- Soldering Workstation (1)
- Phillips #1 Screwdriver (1)

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Step 1 — Turning Gears

- Twist the plastic lid counterclockwise to unlock it.

- Lift the lid to remove it from the container.

Step 2

- Carefully remove the blade from the container.

- ⭐ For reassembly, the teeth on the metal shaft line up with slots on the inside of the plastic hole.

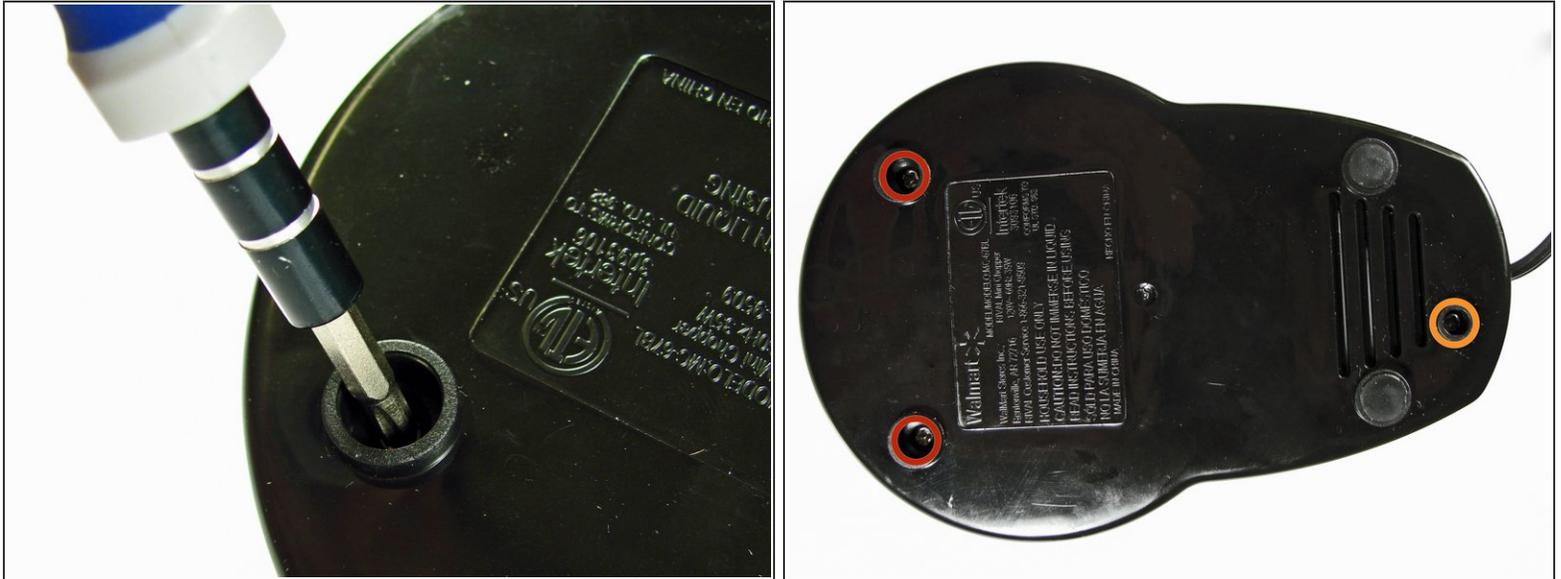This document was generated on 2019-09-17 07:51:57 PM (MST).

Step 3

- With your hand, twist the container counter-clockwise until it unlocks from the base. Remove the container by lifting it straight up.

Step 4

- Use your fingers to pry out the two rubber feet from the bottom cover of the base.

- (i) The two feet furthest from the button tower contain screws. The other two feet do not.

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Step 5

- Use the Phillips #2 screwdriver to unscrew the two 12.7-mm screws underneath the rubber feet.

- Use the same screwdriver to unscrew the 15.88-mm screw from the back of the chopper.
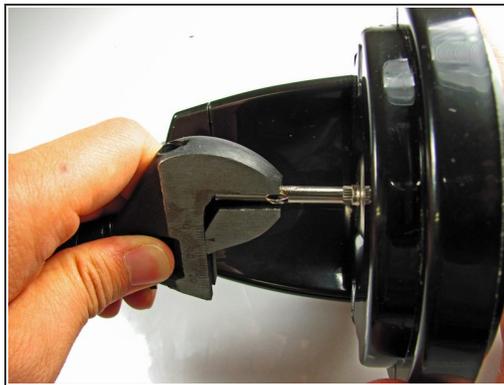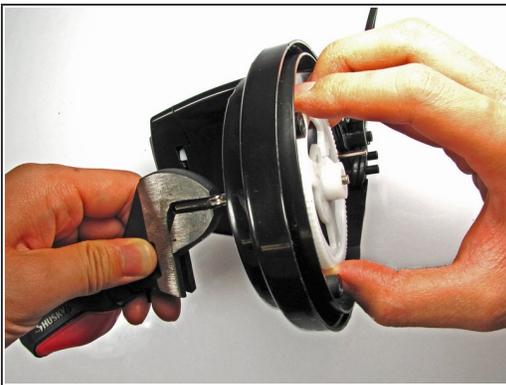
Step 6

- Firmly lift the bottom cover off of the base.

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Step 7

- Remove the smaller white gear by lifting it up with your hand.

Step 8

- Use a pair of pliers or any other clamping tool to securely hold the blade-shaft that sits above the base.

⚠ Grab the gear with your other hand and turn **_CLOCKWISE._** Unlike most screws, the gear is reverse-threaded to allow the blade to spin.

- Continue turning the gear until completely removed from the blade-shaft.

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Step 9 — Motor

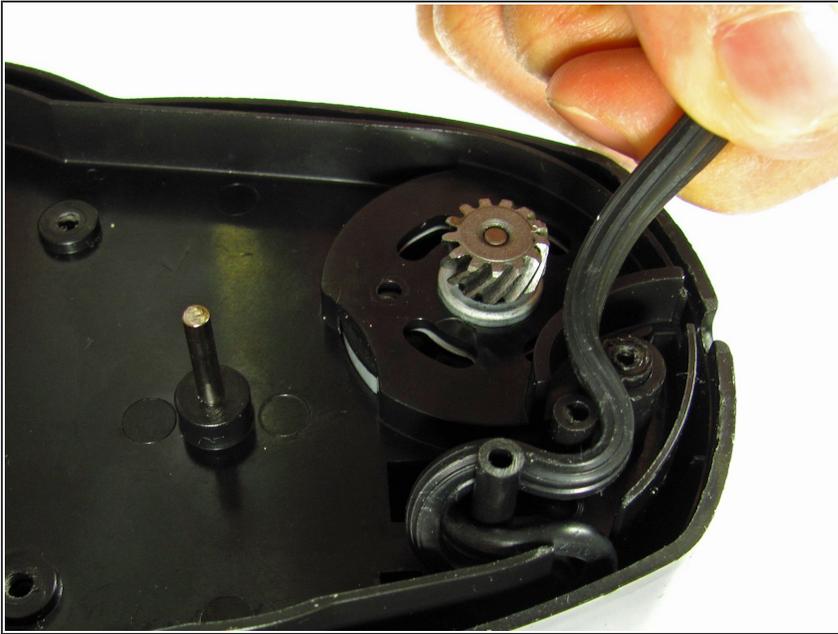
- Pull the shaft from the base.
- This will require a bit of force.

Step 10
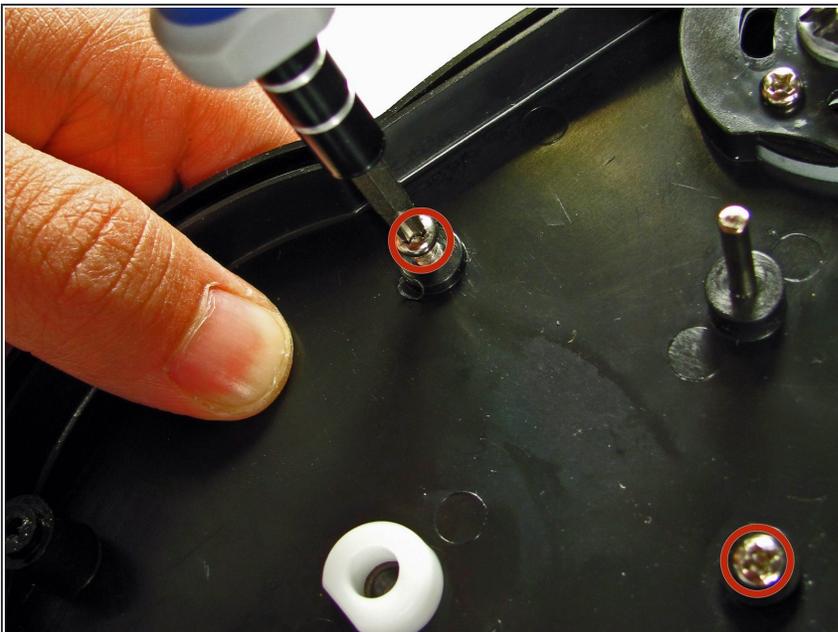
- Use a Phillips #2 screwdriver and unscrew the two base screws.

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Step 11

- Unwind the power cord from the base pegs.

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Page 8 of 12

Step 12

- Use the plastic opening tool to pry open the base from the main body.

- ⓘ These two plastic prongs are pressed fit into the base. It may take some effort to pry the base completely off.

- Once freed, lift the base panel from the main body. The motor and power cable are connected to this panel.
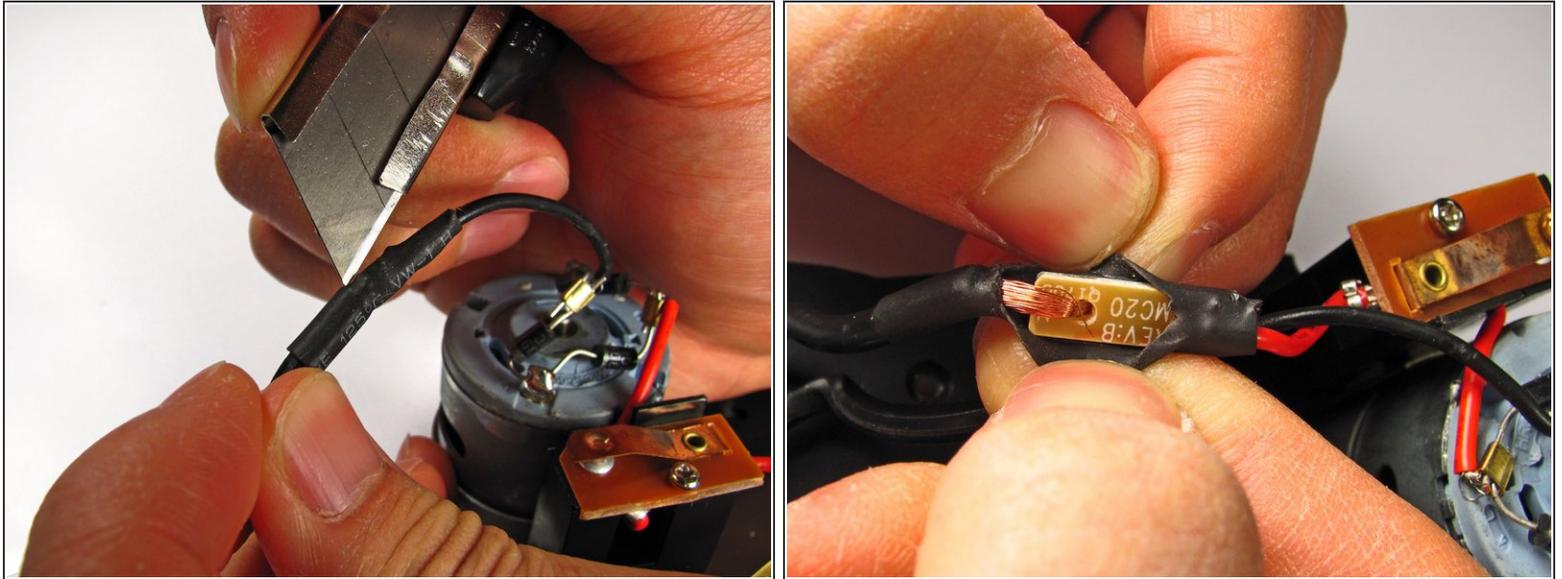
Step 13

- Use a Phillips #2 screwdriver to remove the screws that attach the motor to the base.

Step 14
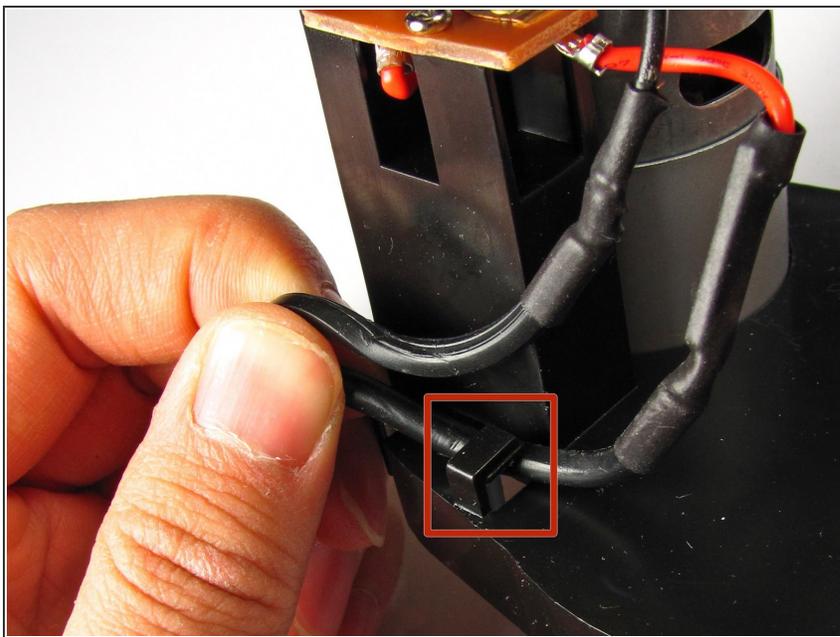
- Pull the power cord wires up from underneath the wire hook on the side of the motor.

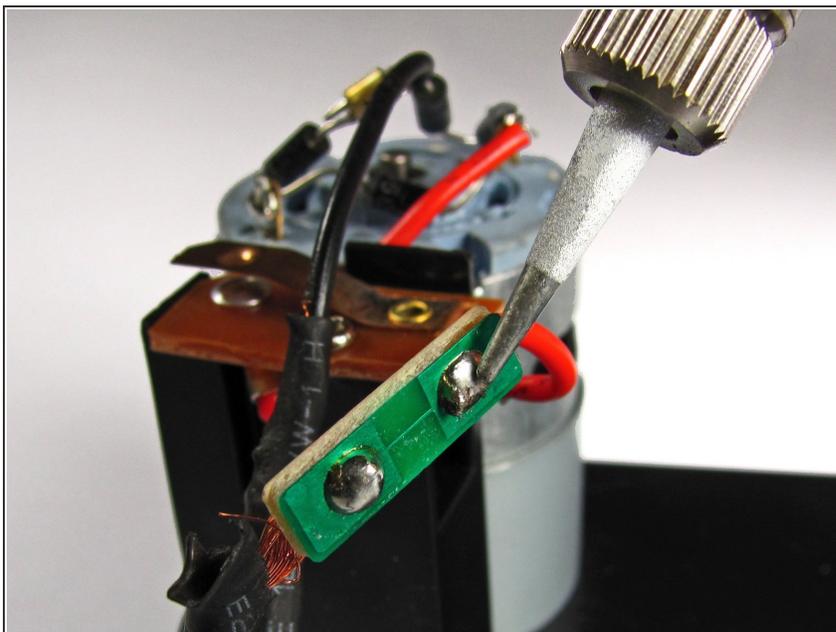This document was generated on 2019-09-17 07:51:57 PM (MST).

Step 15

- Carefully cut into the black wire casing for both wires using a small knife, and peel away the black casing.
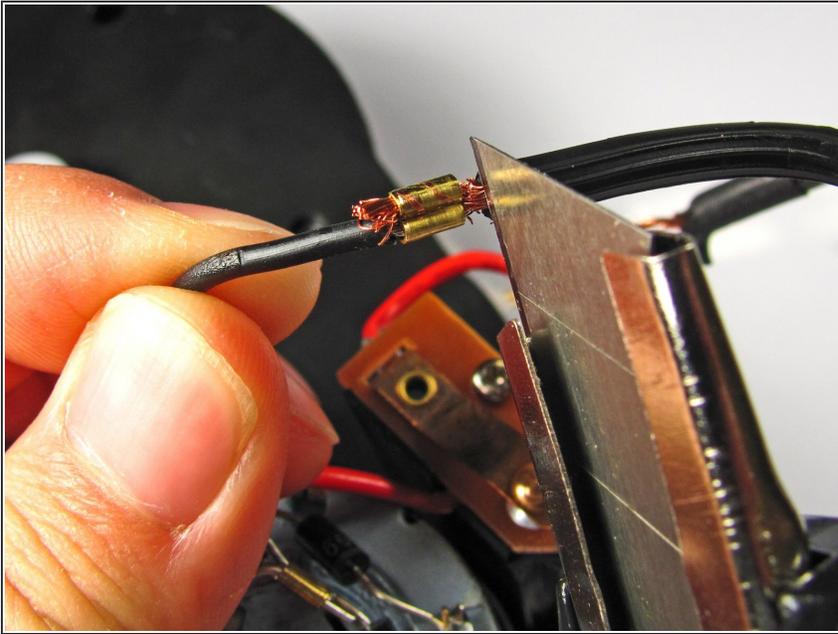
⚠️ Only cut deep enough to remove the casing.

⭐ For reassembly you will need black electrical tape to keep the wires from being exposed.

Step 16

- Use a soldering kit to remove solder from the circuit board for the red wire.

- Follow this [soldering guide](#) if you need extra help!

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Step 17

- Use a small knife to cut the copper wires from the bracket holding the black wire and power cord together.

- For reassembly the copper wires will need to be soldered together.

Step 18
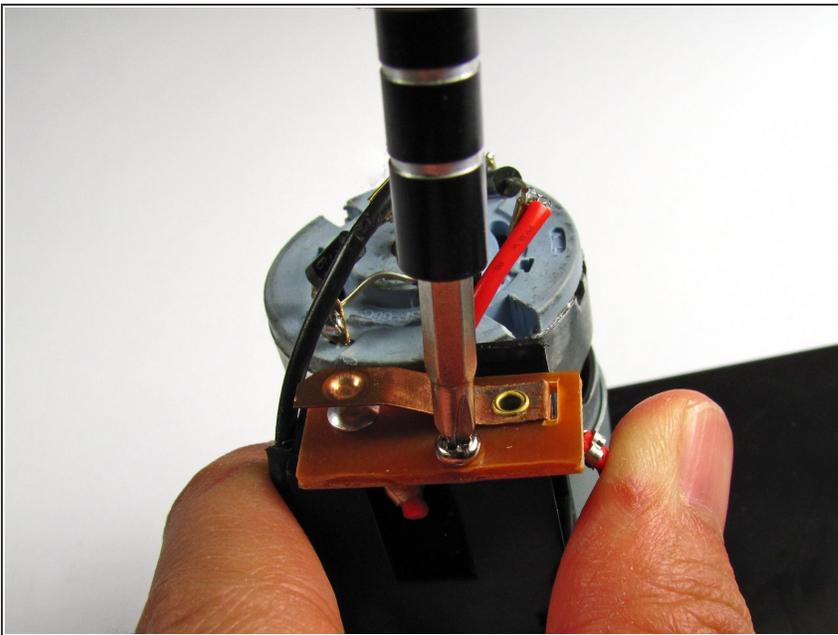
- Use a Phillips #1 screwdriver to unscrew the single 4.76-mm screw from the motor base to finish removing the motor.

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

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