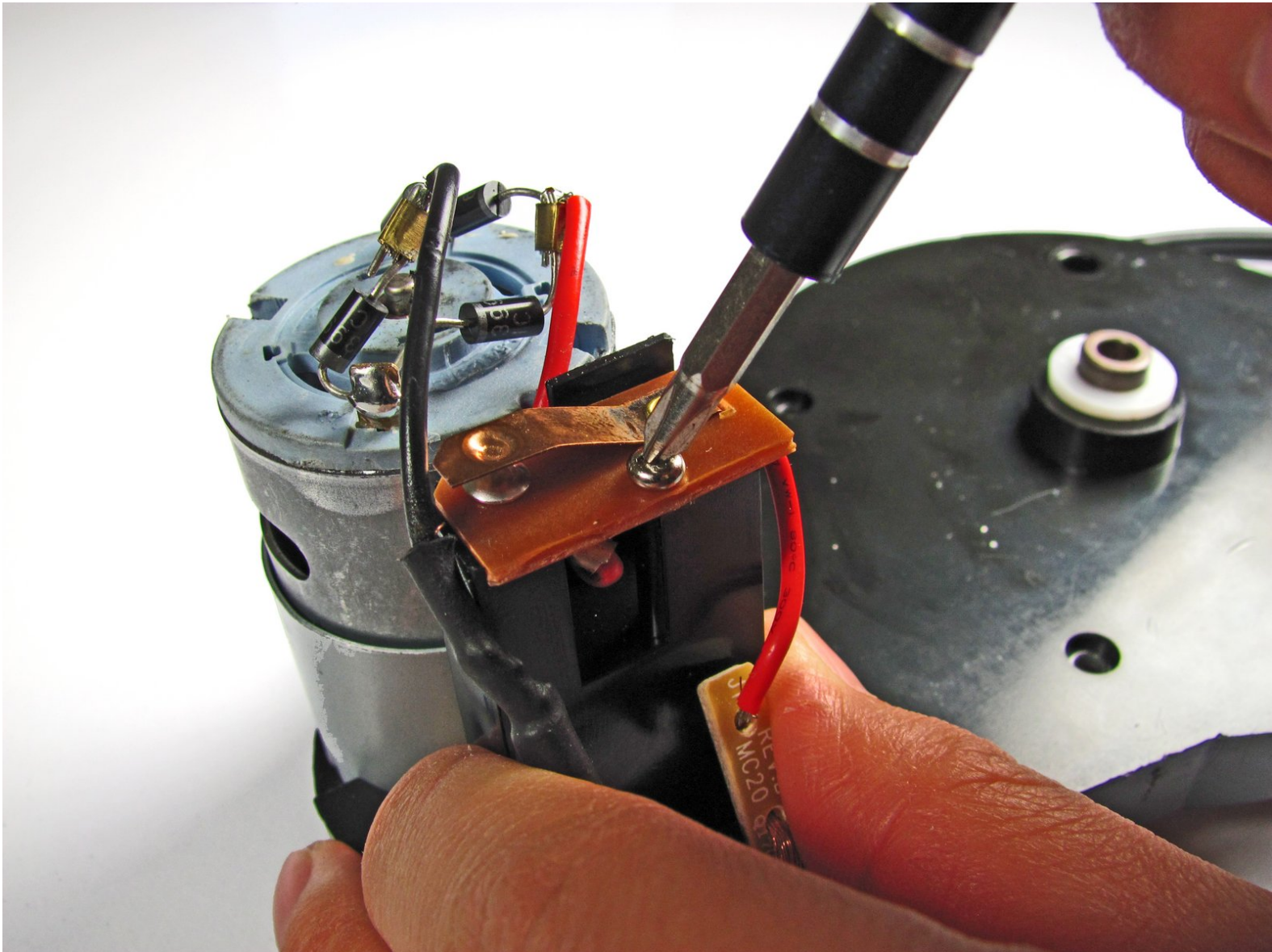




# Rival Mini Chopper MC-67BL Motor Replacement

Remove the Rival Mini Chopper motor.

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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.

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### 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.

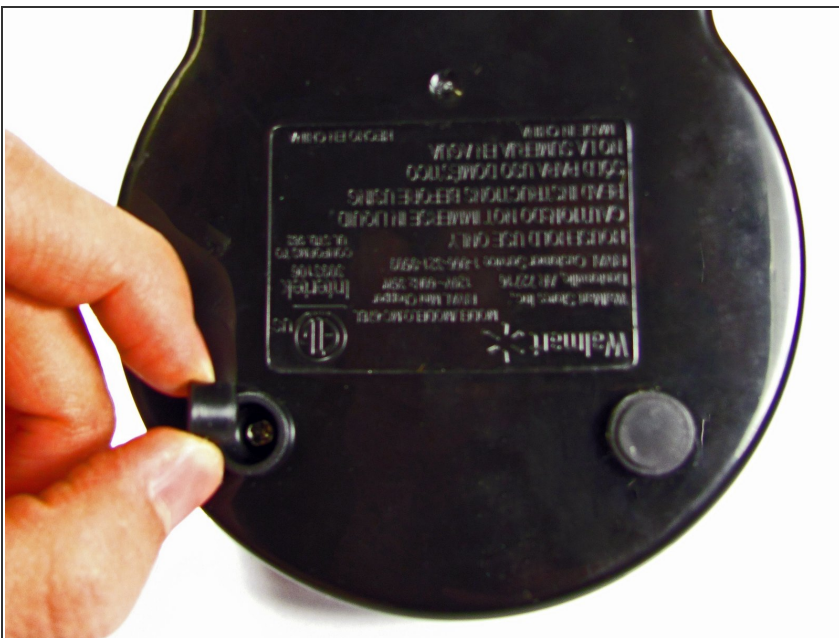


### Step 3



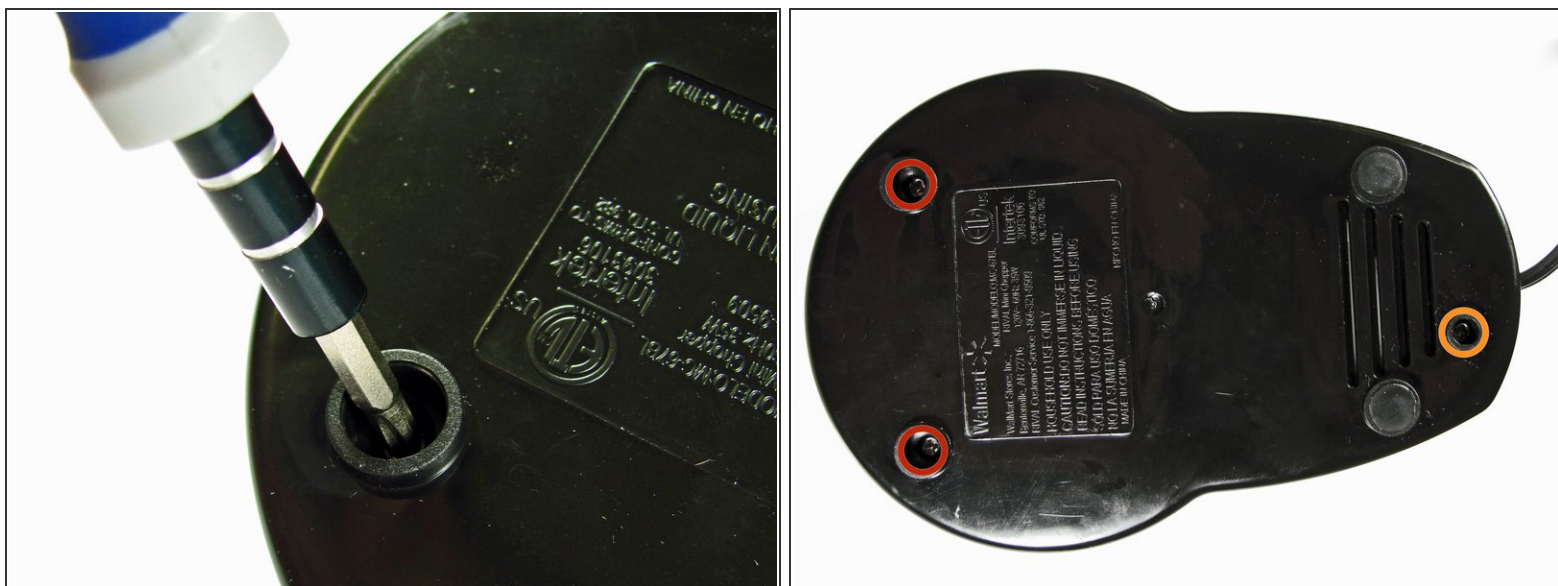
- With your hand, twist the container counter-clockwise until it unlocks from the base. Remove the container by lifting it straight up.

### Step 4



- Use your fingers to pry out the two rubber feet from the bottom cover of the base.
- ⓘ The two feet furthest from the button tower contain screws. The other two feet do not.

## 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.

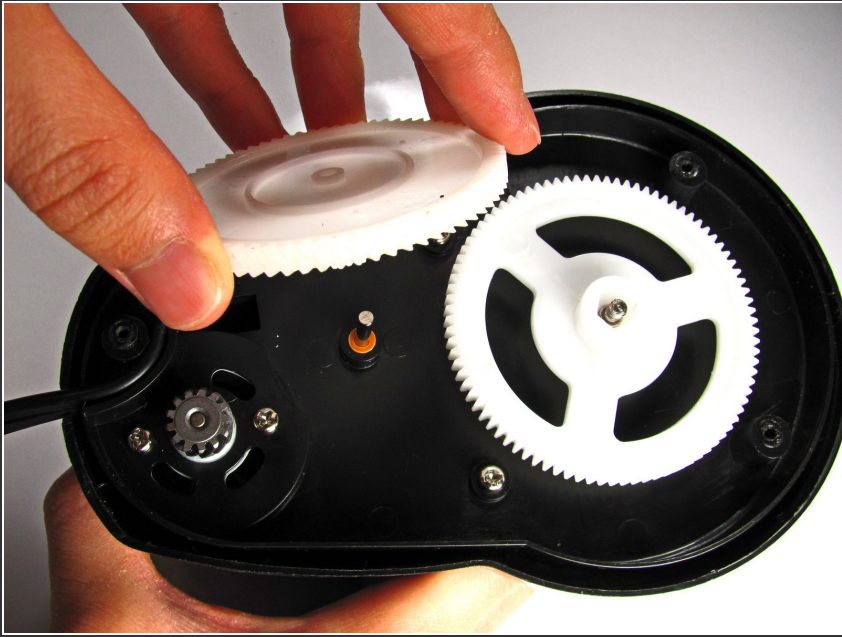
## Step 6



- Firmly lift the bottom cover off of the base.

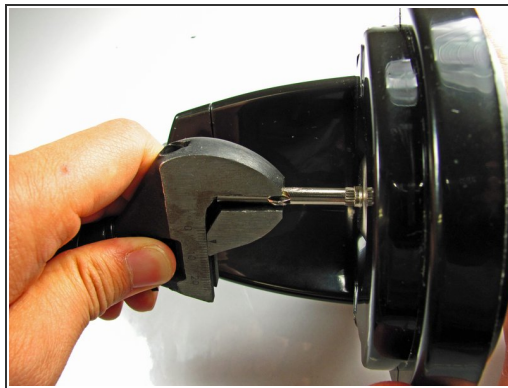
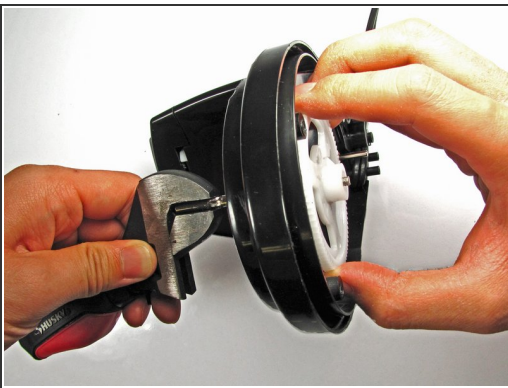


## Step 7



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

## Step 8



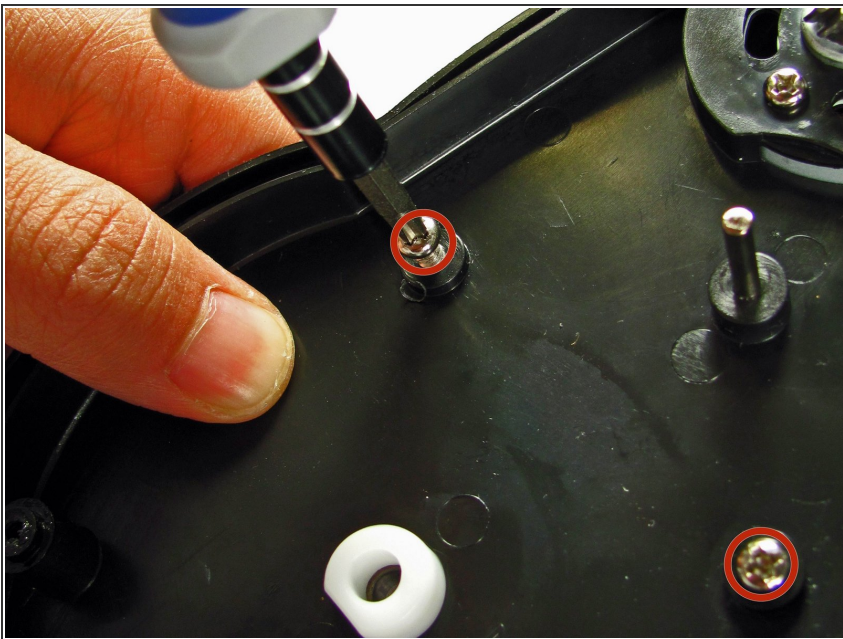
- Use a pair of pliers or any other clamping tool to securely hold the blade-shaft that sits above the base.
- ⚠ Grab the gear with your other hand and turn **CLOCKWISE**. Unlike most screws, the gear is reverse-threaded to allow the blade to spin.
- Continue turning the gear until completely removed from the blade-shaft.

## 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.

## Step 11



- Unwind the power cord from the base pegs.



## Step 12



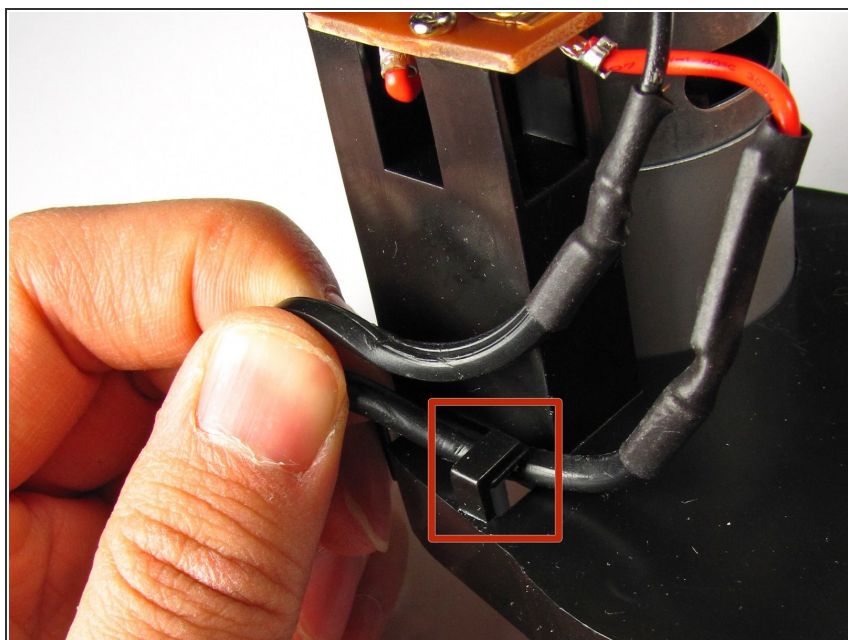
- Use the plastic opening tool to pry open the base from the main body.
- ⓘ These two plastic prongs are pressed fit into the base. It may take some effort to pry the base completely off.
- Once freed, lift the base panel from the main body. The motor and power cable are connected to this panel.

## Step 13



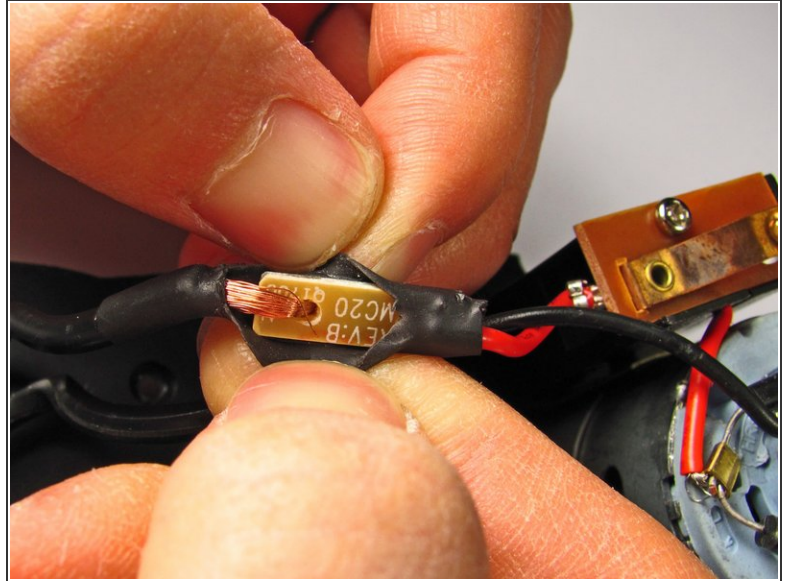
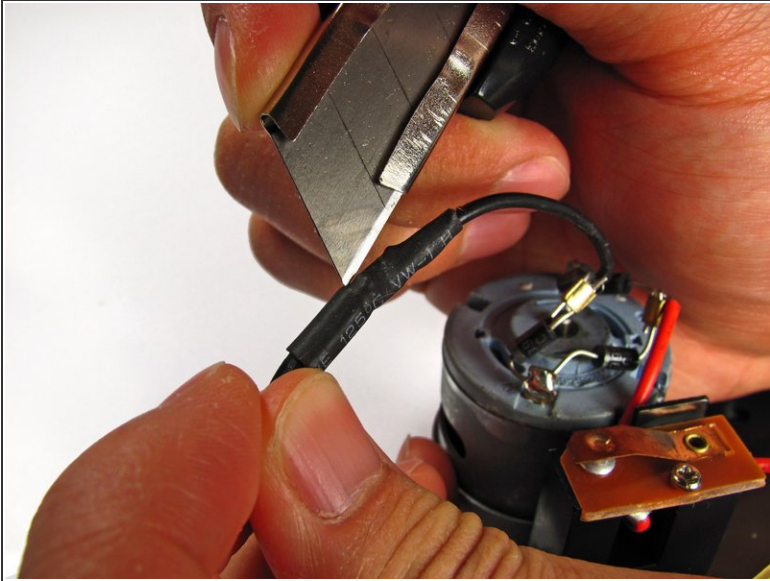
- Use a Phillips #2 screwdriver to remove the screws that attach the motor to the base.

## Step 14



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

## Step 15

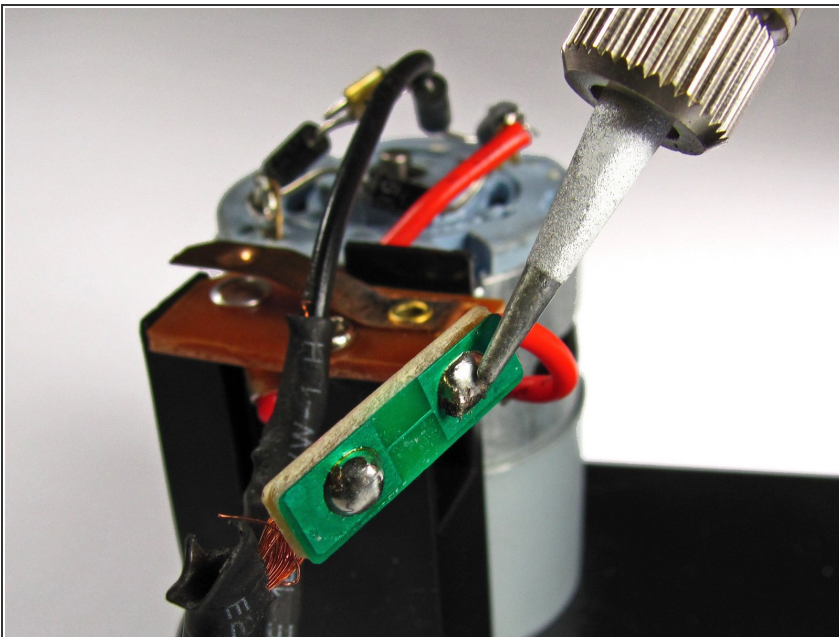


- Carefully cut into the black wire casing for both wires using a small knife, and peel away the black casing.

⚠ Only cut deep enough to remove the casing.

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

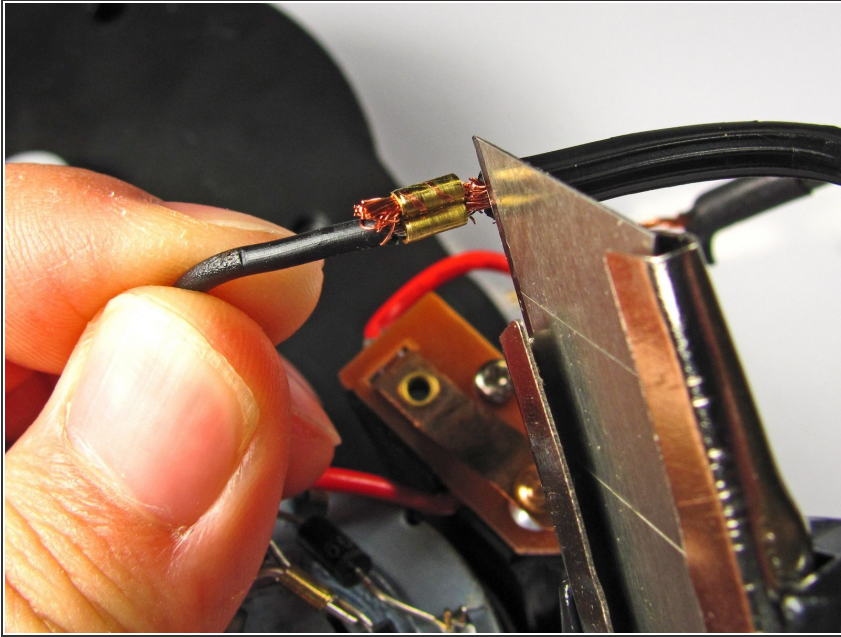
## Step 16



- Use a soldering kit to remove solder from the circuit board for the red wire.
- Follow this [soldering guide](#) if you need extra help!

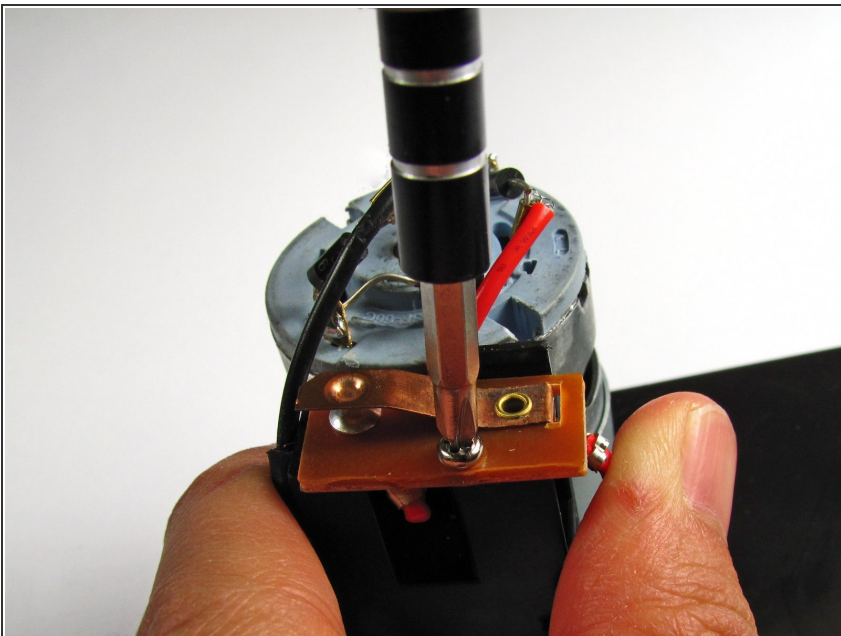


## Step 17



- 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.