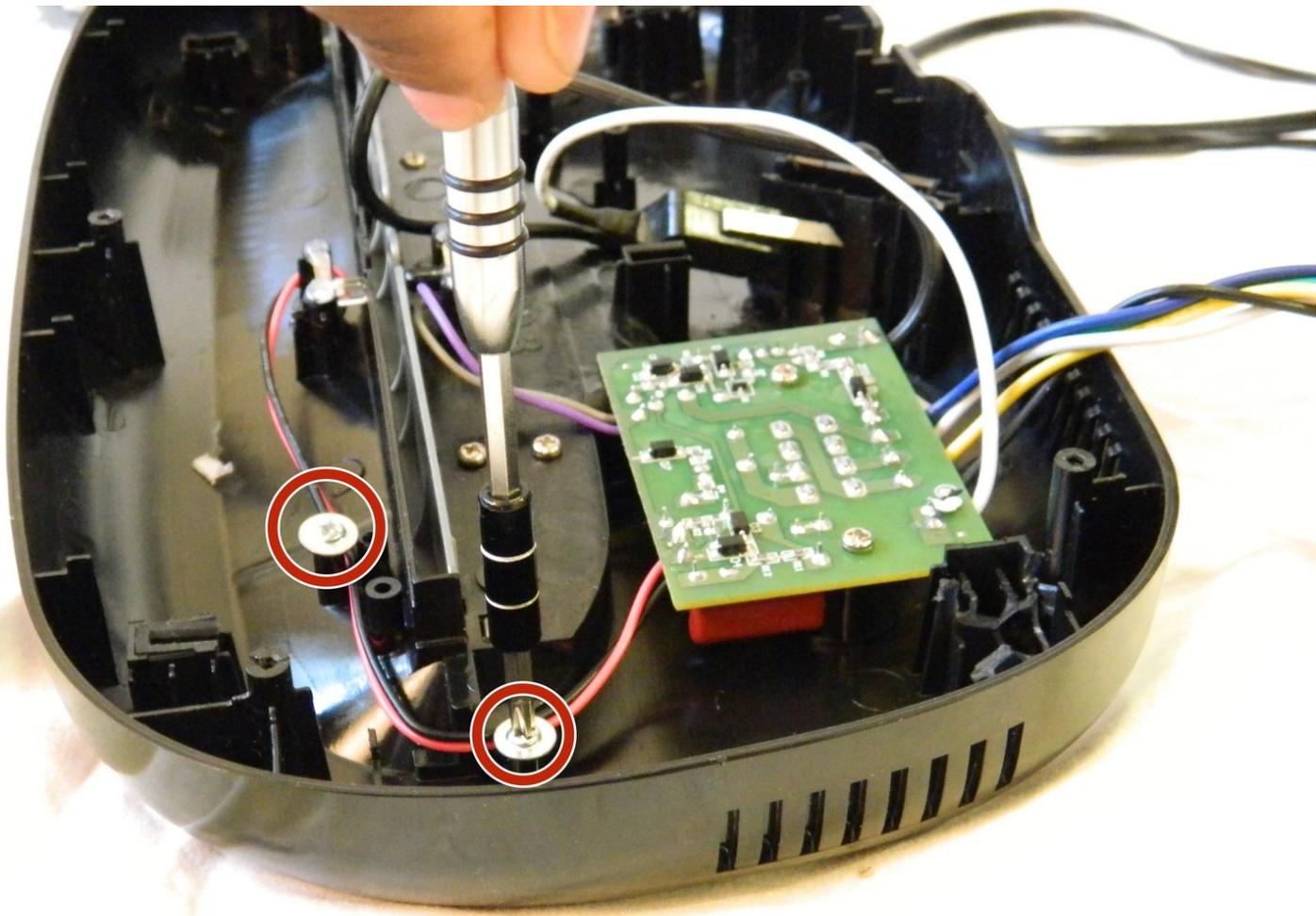




# AmazonBasics B00Q3KFX8U Power Cable Replacement

This guide will show how to remove the power cable from the motherboard.

Written By: William Foley



---

## INTRODUCTION

The power cable is what powers the AmazonBasics. It is connected directly to the motherboard, and will require soldering to remove and replace it.

---

### TOOLS:

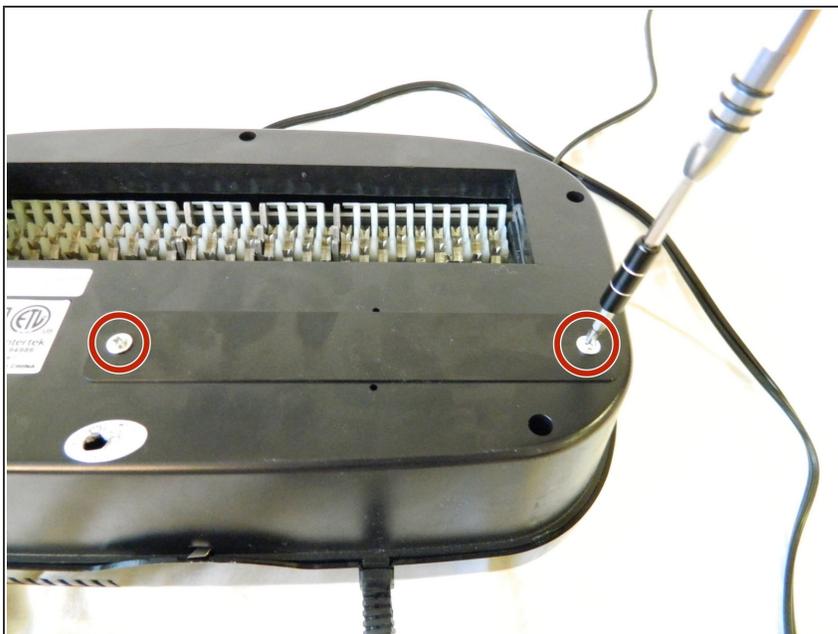
- [Phillips #2 Screwdriver](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [Metal Spudger](#) (1)
  - [Soldering Iron](#) (1)
  - [Solder](#) (1)
-

## Step 1 — Drive Gear



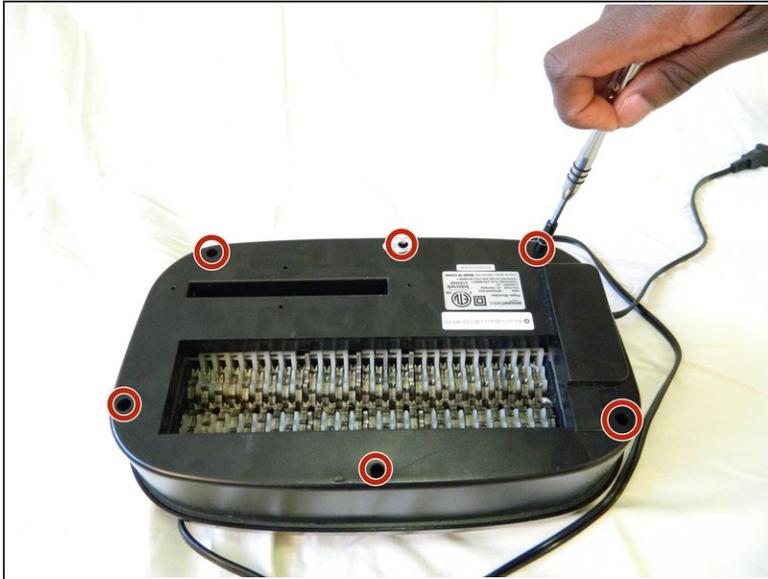
- Remove the shredder assembly from the paper scrap bin.

## Step 2



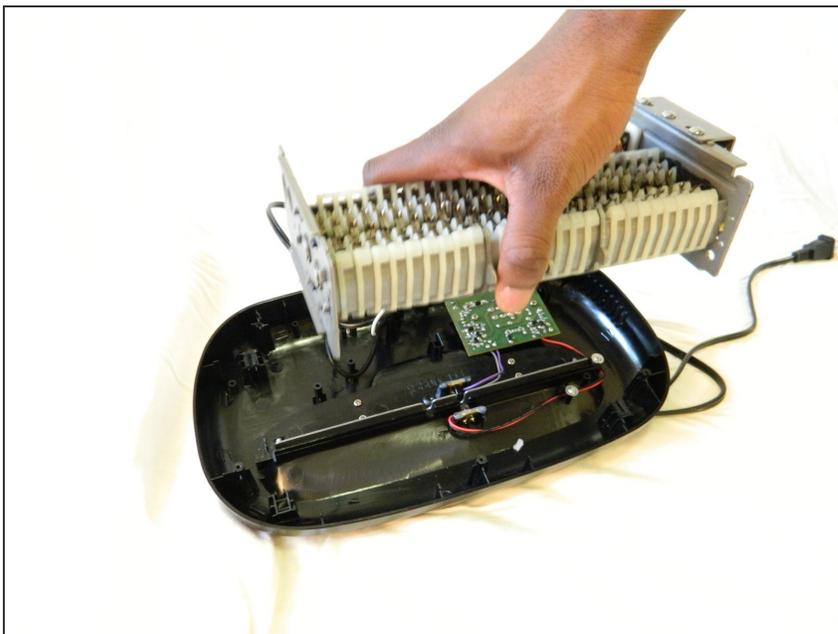
- Remove the two 10mm PH1 screws holding the small black panel in place.

### Step 3



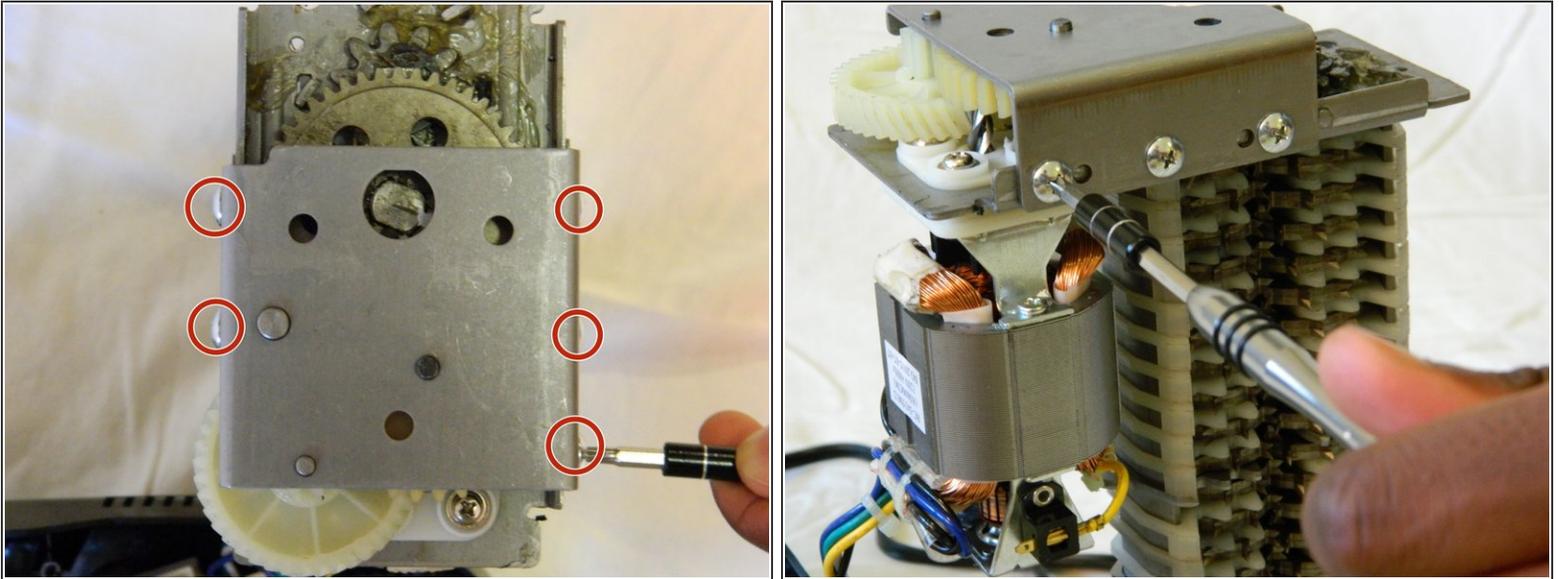
- Remove the six 14mm PH1 screws holding the bottom cover in place.
- Remove the cover by lifting straight upwards.
- ⓘ One of the screws will be hidden beneath a warranty sticker. Simply push the head of the screwdriver through the sticker to access the screw.

### Step 4



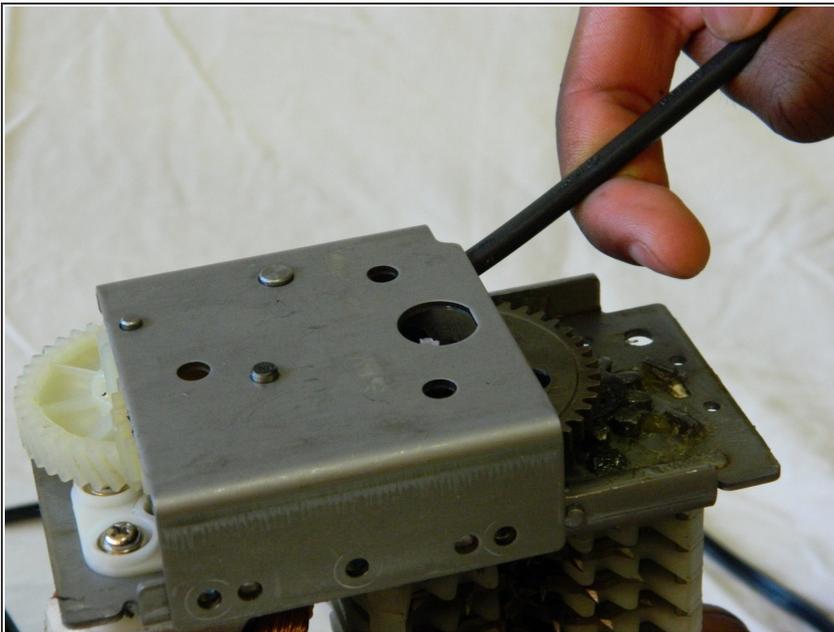
- Remove the blade/motor assembly from the top cover by lifting straight upwards. Do not disconnect any wiring just yet.
- ⚠ The blades are sharp. Coming into contact with them may result in injury.

## Step 5



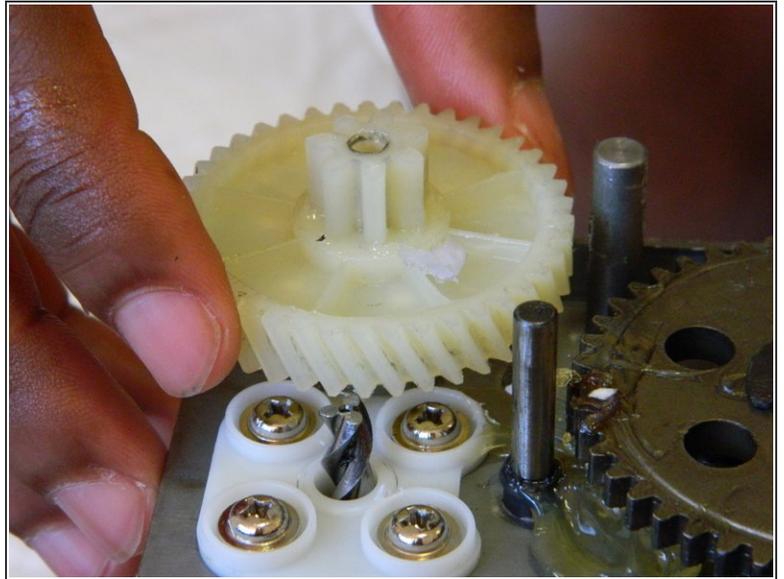
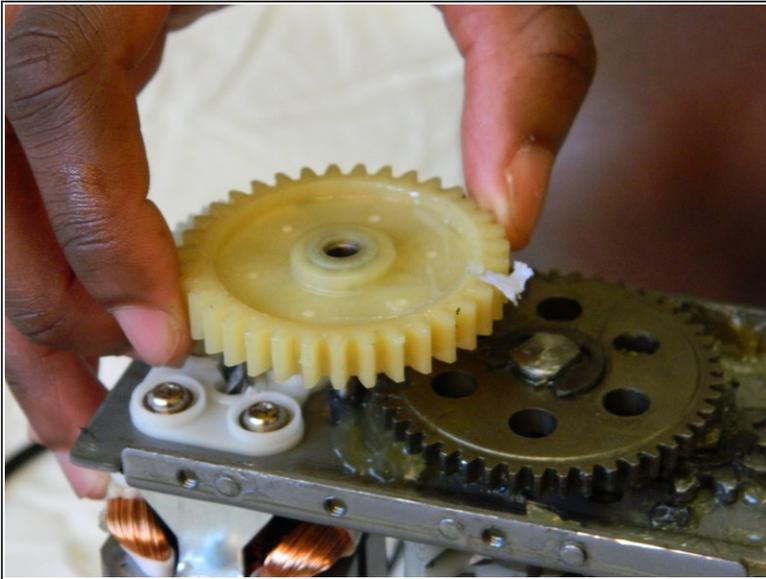
- Remove the five 8mm PH2 screws from the bracket holding the gears in place.

## Step 6



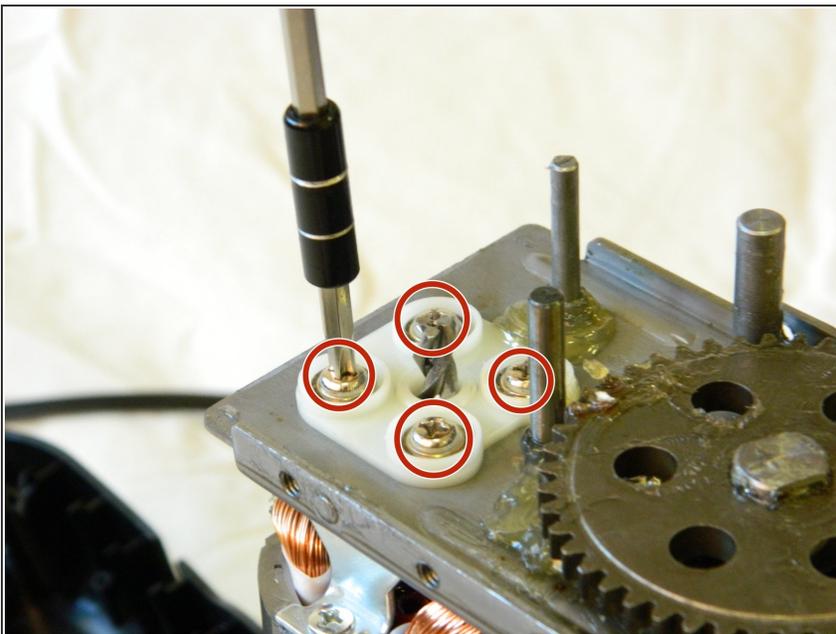
- Use a metal spudger to pry the bracket from the main shredder assembly.
- ⓘ If the bracket is attached too tightly for the spudger, carefully use a metal screwdriver to pry it loose.

## Step 7



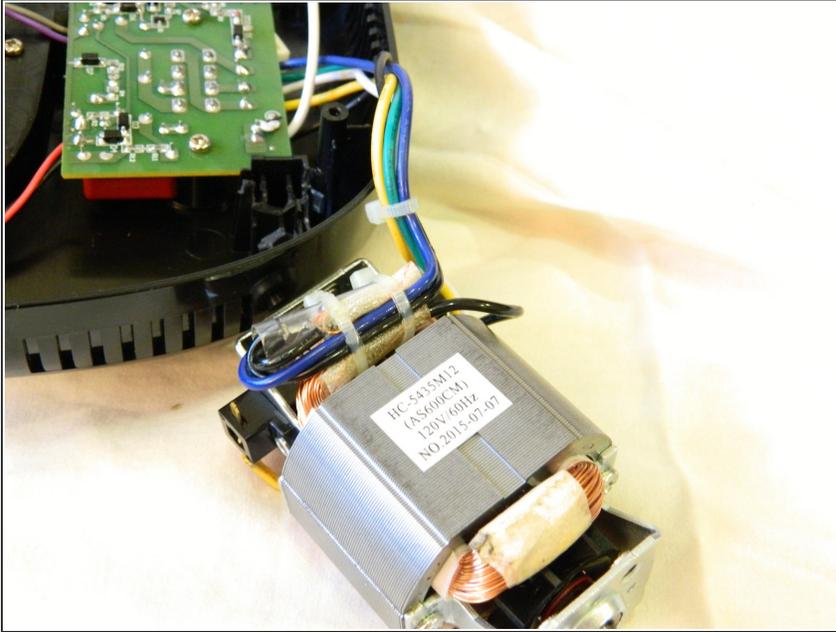
- Remove the two plastic drive gears from the shredder assembly by lifting straight upwards.

## Step 8 — Motor



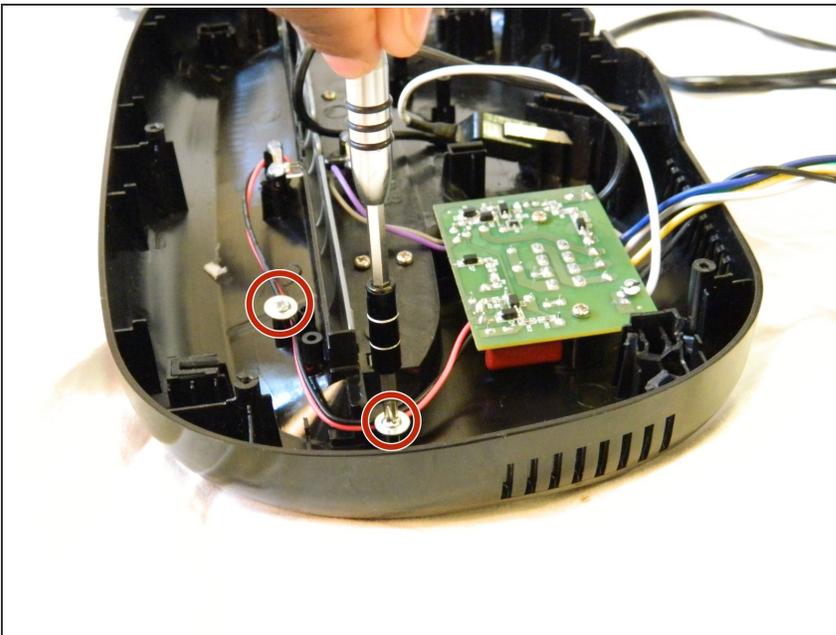
- Remove the four 18mm PH2 screws holding the motor to the main shredder assembly.

## Step 9



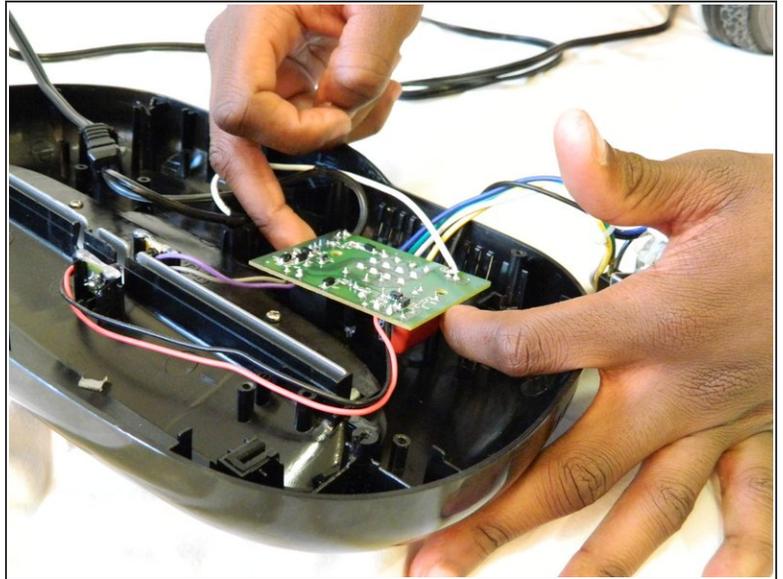
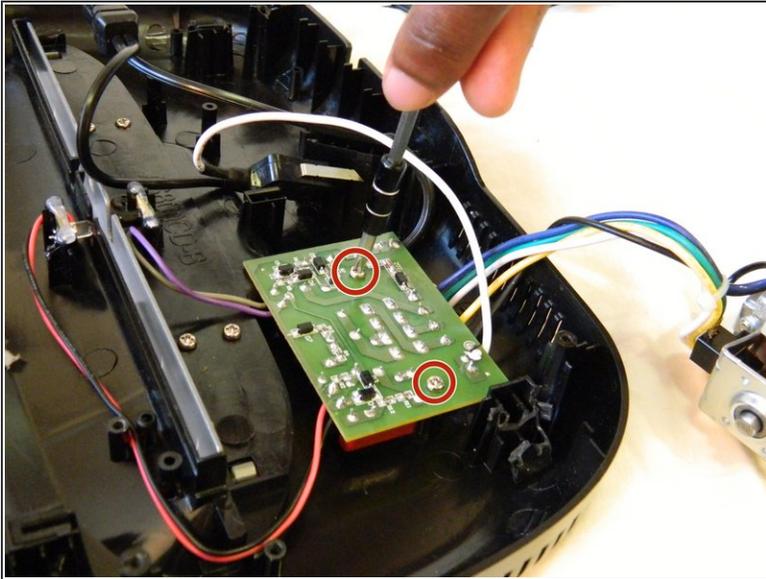
- Disconnect the motor from the motherboard by either clipping the wires, or using a soldering iron to disconnect the wires directly at the board.
- ★ To reattach the motor, solder the wires back together, or to the motherboard depending on how you removed them.

## Step 10 — Power Cable



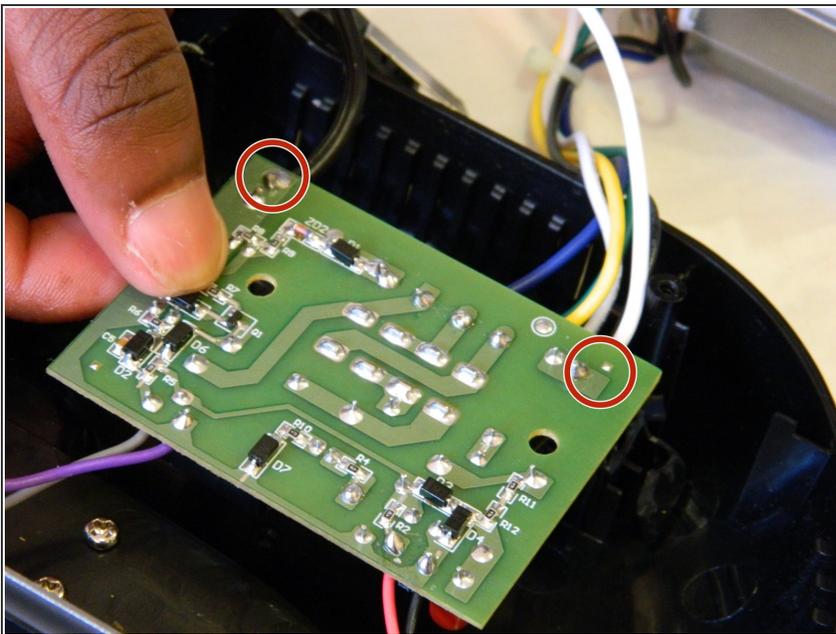
- Remove the two 8mm PH1 screws holding the IR sensor wire in place. This will give you more room to work with later on.

## Step 11



- Remove the two 10mm PH1 screws holding the motherboard in place.
- Remove the motherboard by lifting straight upwards from the top cover.

## Step 12



- To disconnect the power wire, remove the black and white wires on the far edges of the motherboard.
- ✦ To reassemble, solder the wires back to the motherboard in the same location as they previously were.

---

 When reassembling, be sure to replace the wires in the correct locations. Reversing the wires will short circuit the motherboard and may damage the device or injure yourself.

---

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