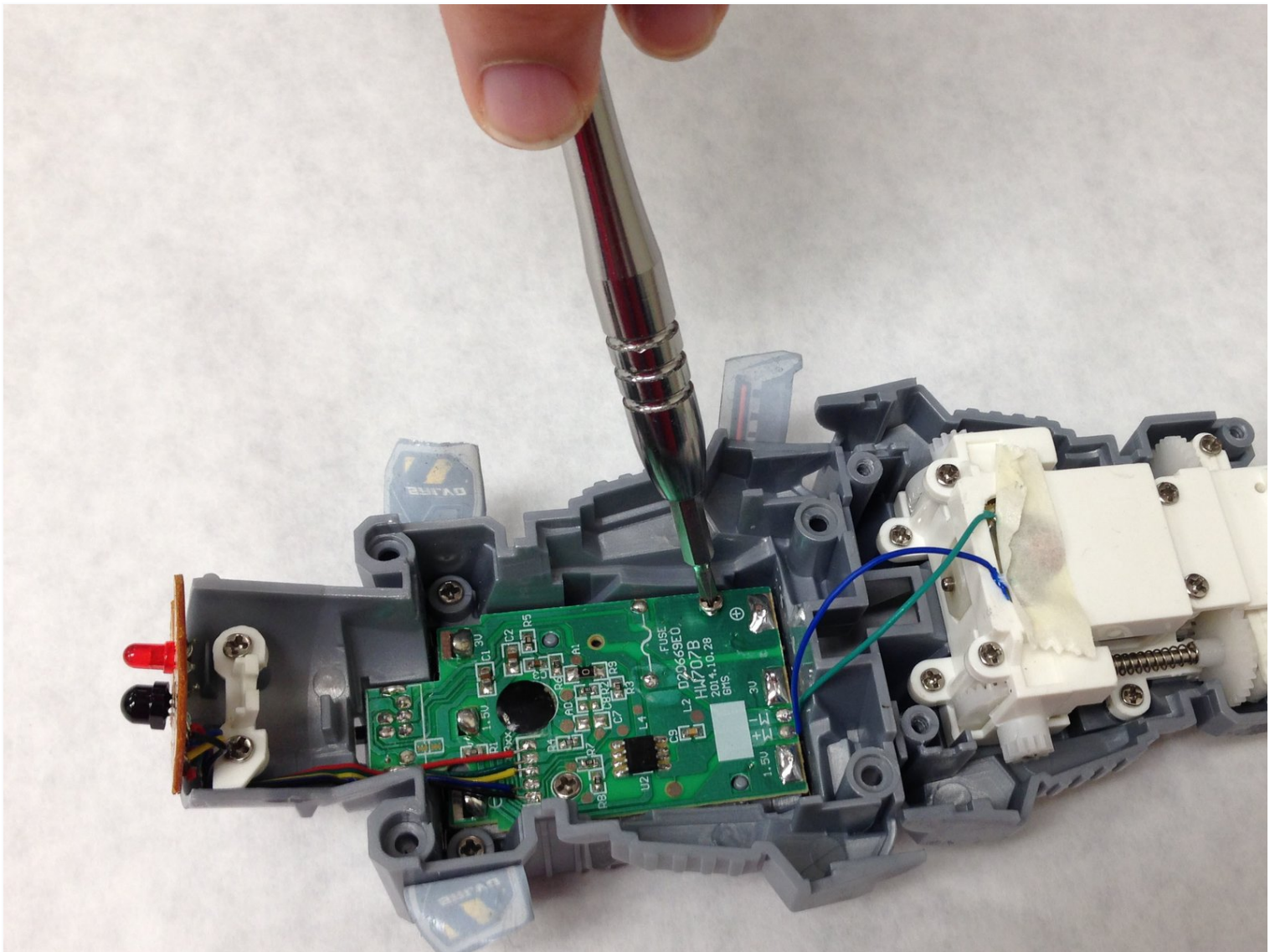




# Air Hog Smash Bots Motherboard Replacement

This guide allows you to replace the...

Written By: Brittany Frecker



# INTRODUCTION

This guide allows you to replace the motherboard of the Smash Bot. A soldering iron will need to be used for this, directions on how to solder can be found [here](#).

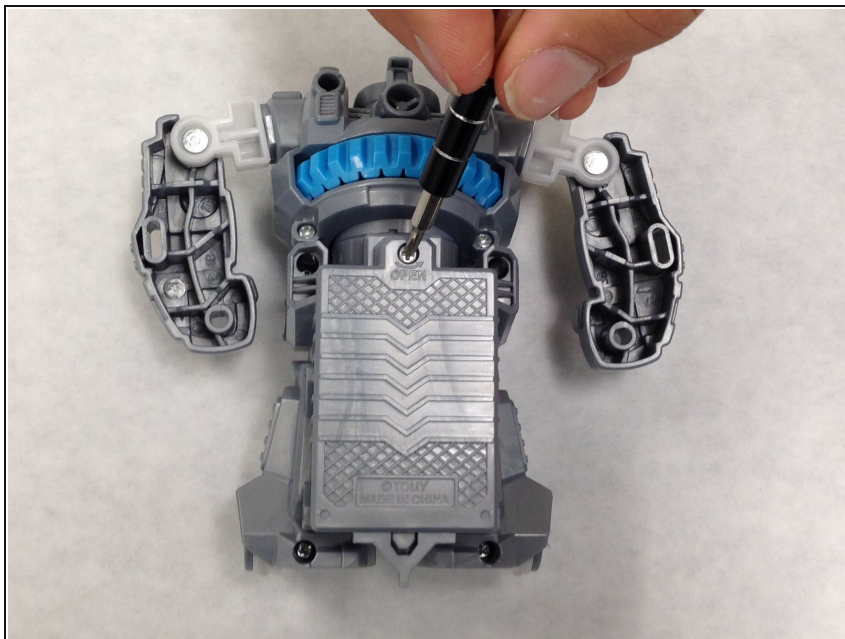
## TOOLS:

Spudger (1)  
Soldering Iron 60w Hakko 503F (1)  
Heavy-Duty Spudger (1)  
Phillips #0 Screwdriver (1)

## PARTS:

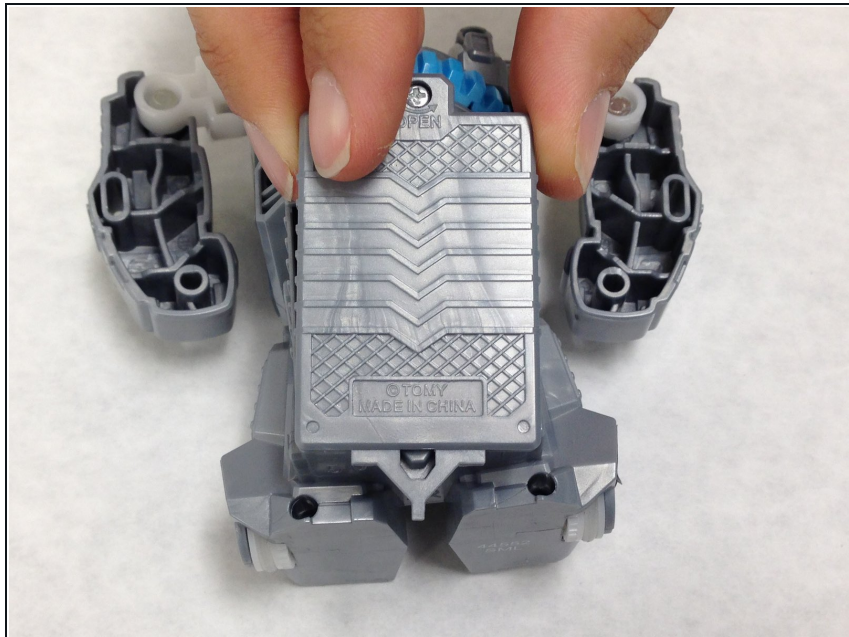
Air Hogs Smash Bots Motherboard (1)

## Step 1 — Batteries



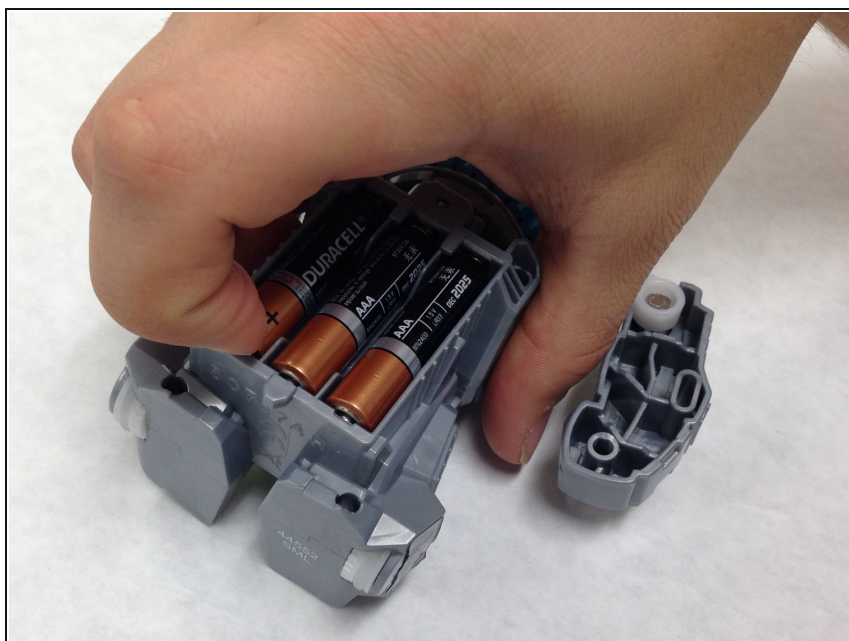
- Using the Phillips #0 screwdriver to remove the 8 mm screw.

## Step 2



- Lift and slide the batter cover away from the tab holding it in place at the bottom.

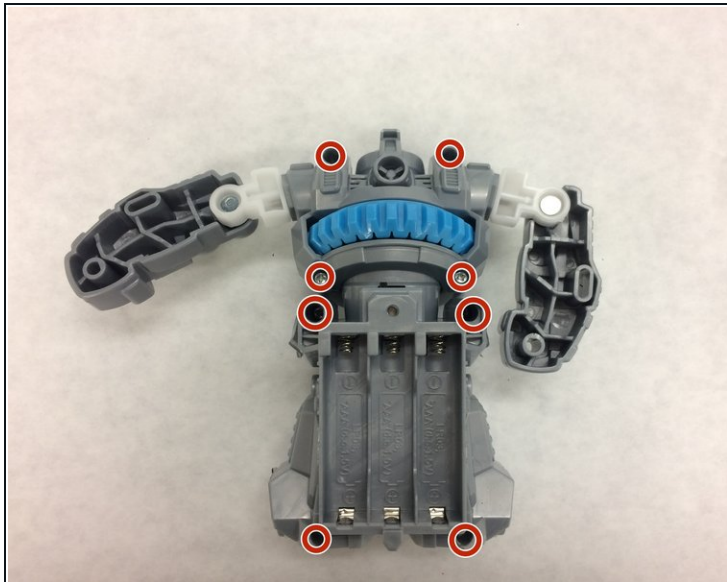
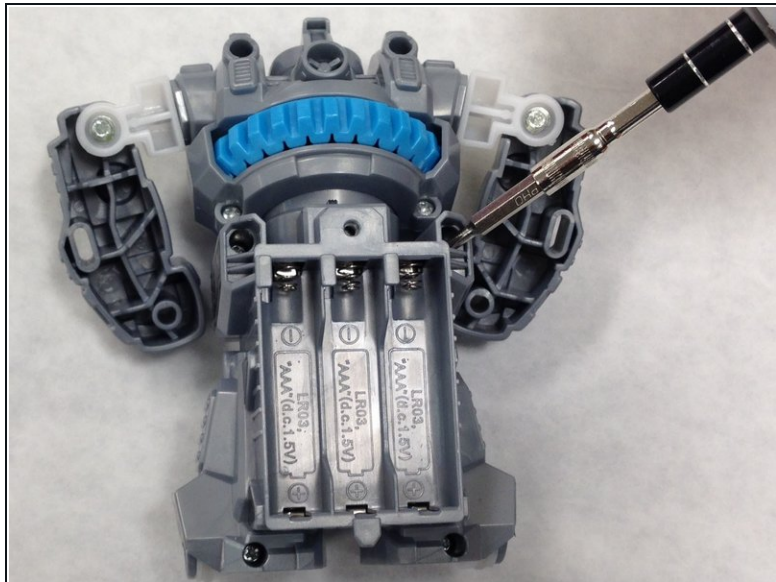
## Step 3



- Remove the 3 AAA batteries.

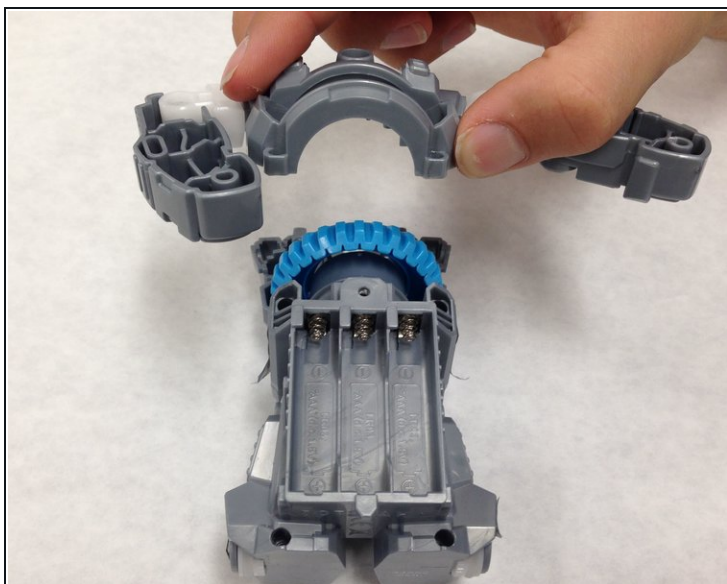
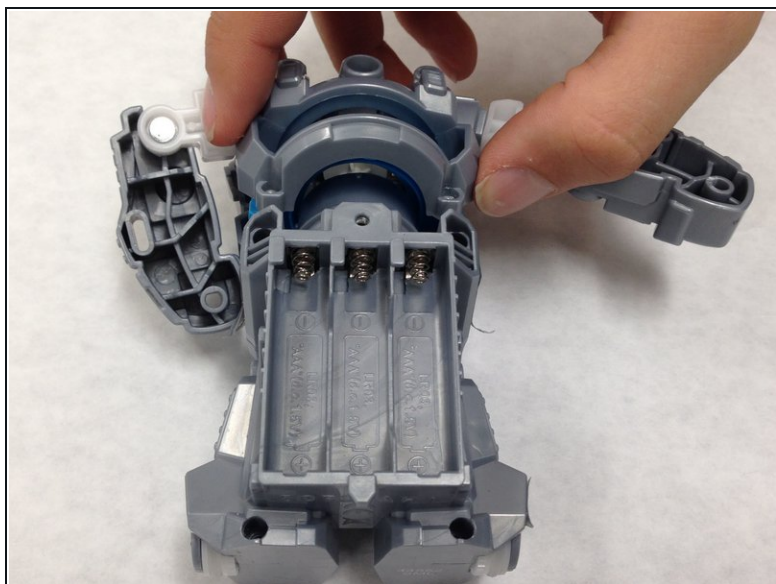


## Step 4 — External Casing



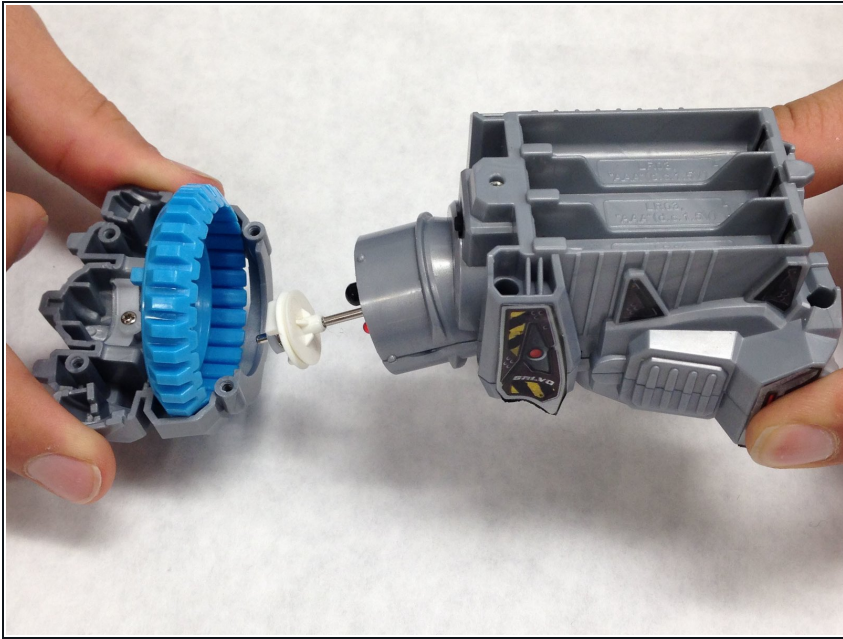
- Using a Phillip #0 screwdriver to remove the eight 8 mm screws.

## Step 5



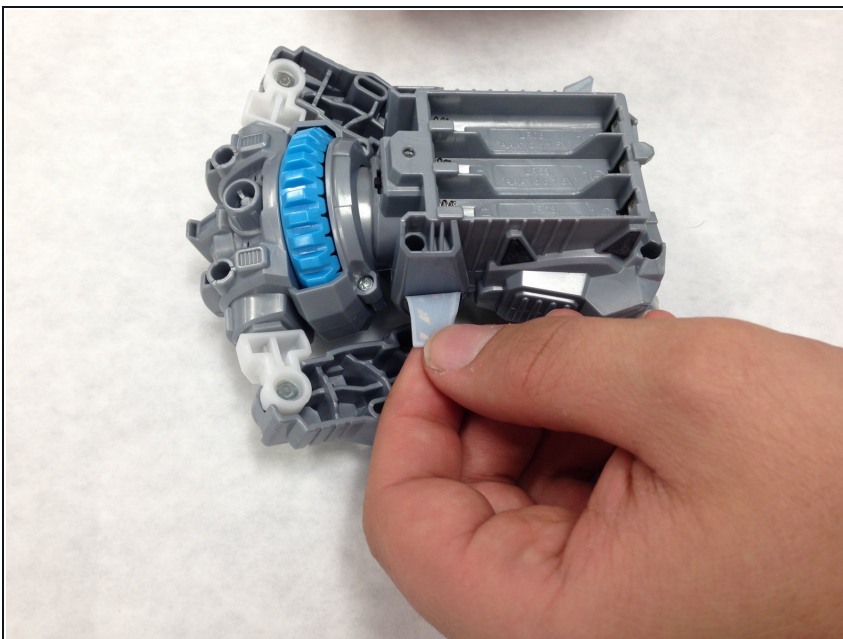
- Remove the upper armor of the Smash Bot.

## Step 6



- Hold the upper body and slide out the bottom half of the Smash Bot.
- ❗ The motor extends from the lower-body into the upper-body. Be careful to not damage the motor.

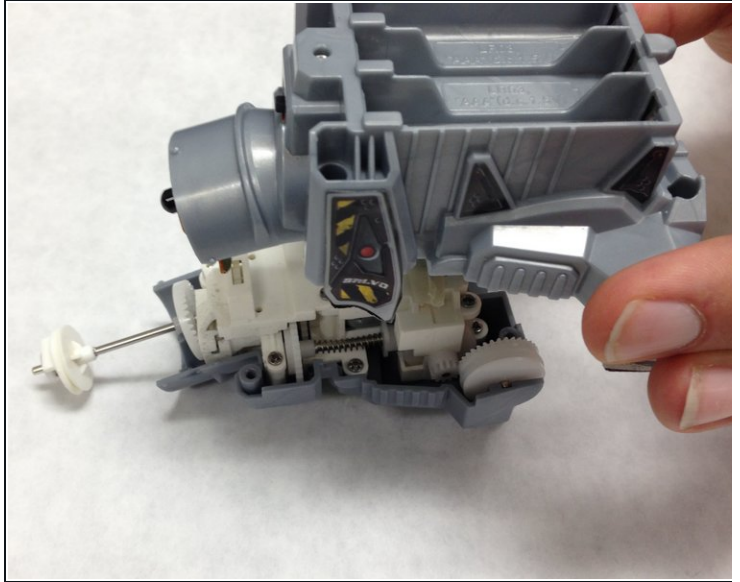
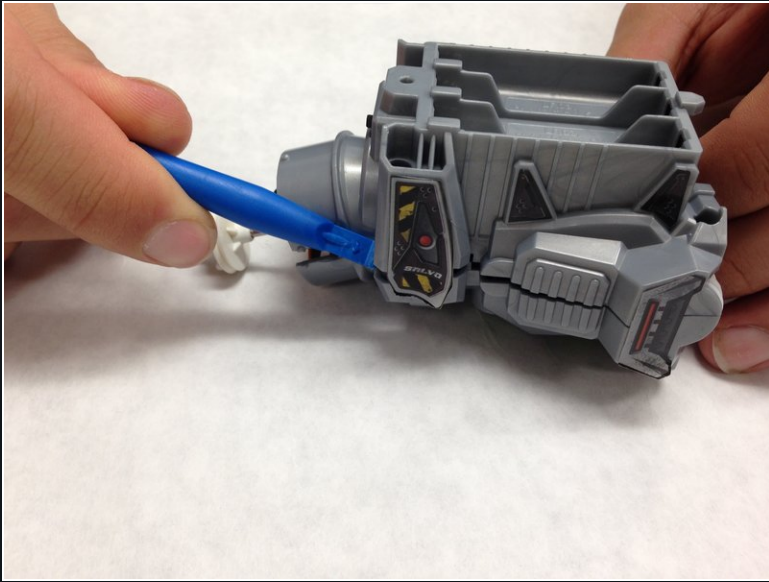
## Step 7



- Peel back the four decal stickers that hold the front and back of the bot together.

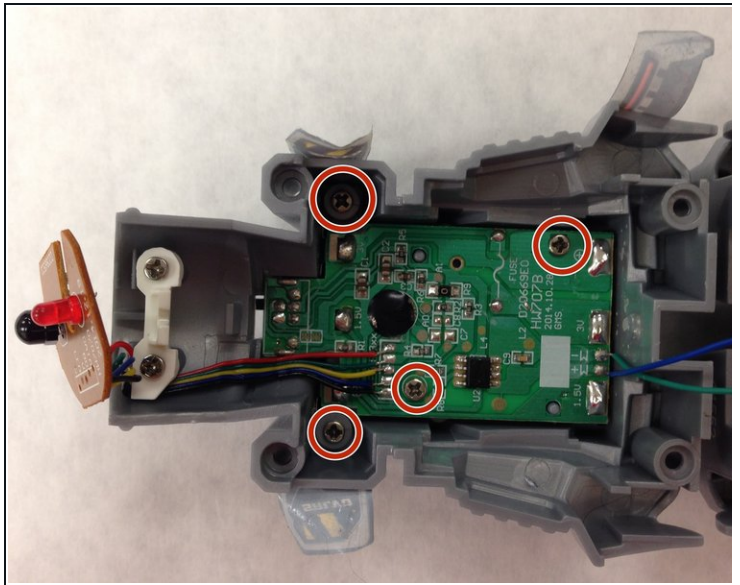
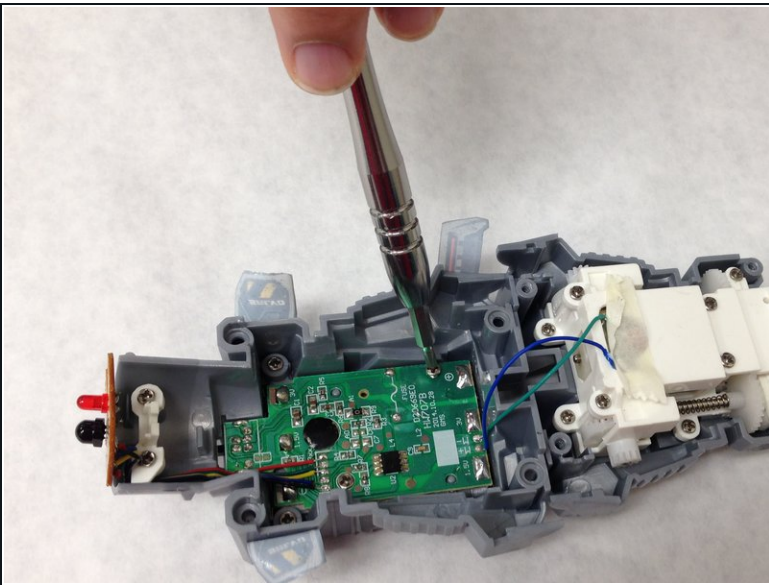


## Step 8



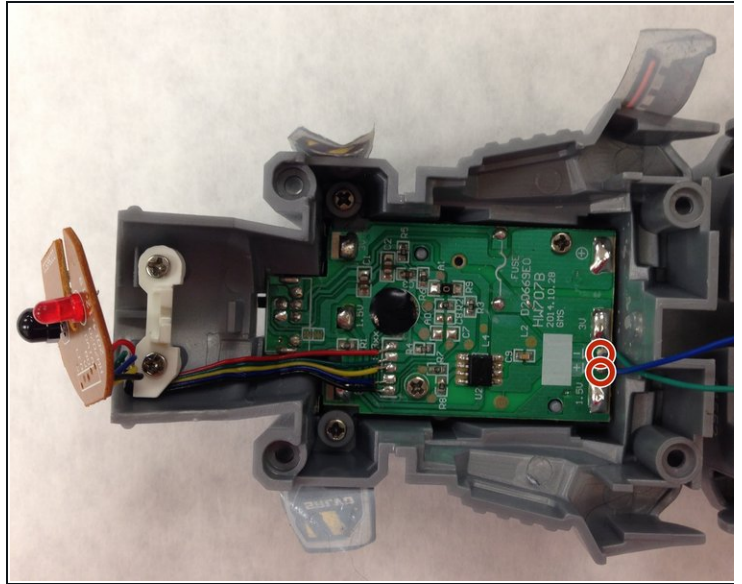
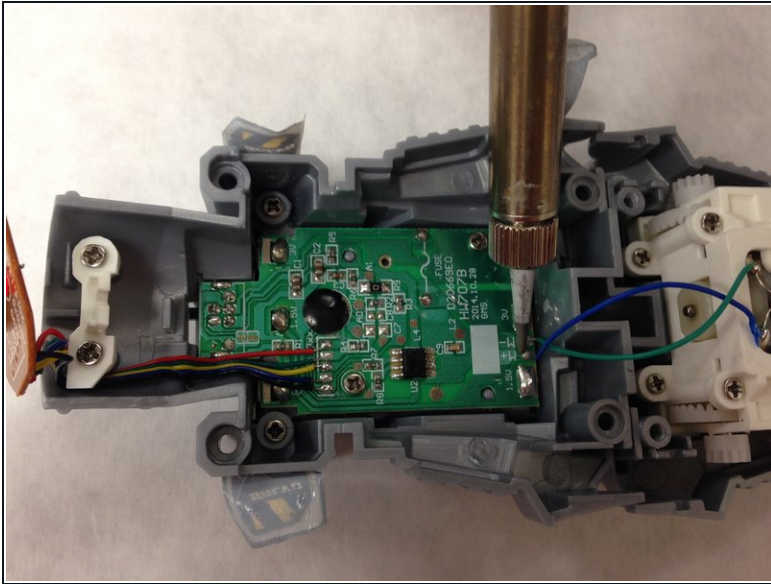
- Use the plastic opening tool to pry the front and back of the lower body apart.
- Carefully remove the back of the bot from the front.

## Step 9 — Motherboard



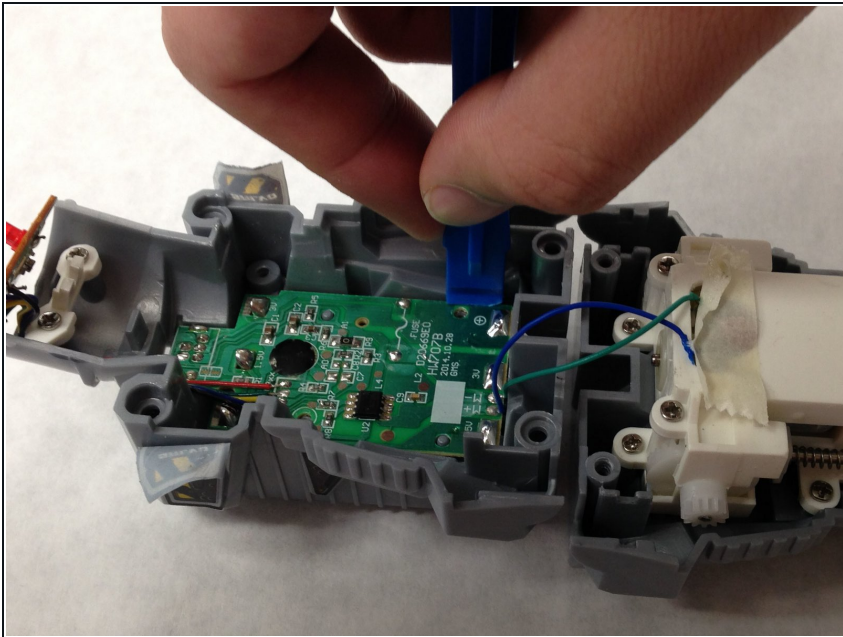
- Remove four 4.75mm screws from the motherboard.

## Step 10



- Use the soldering iron to remove the two wires from the motherboard. Directions on how to solder can be found [here](#).

## Step 11



- Use the spudger to pry the motherboard away from the robot.

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