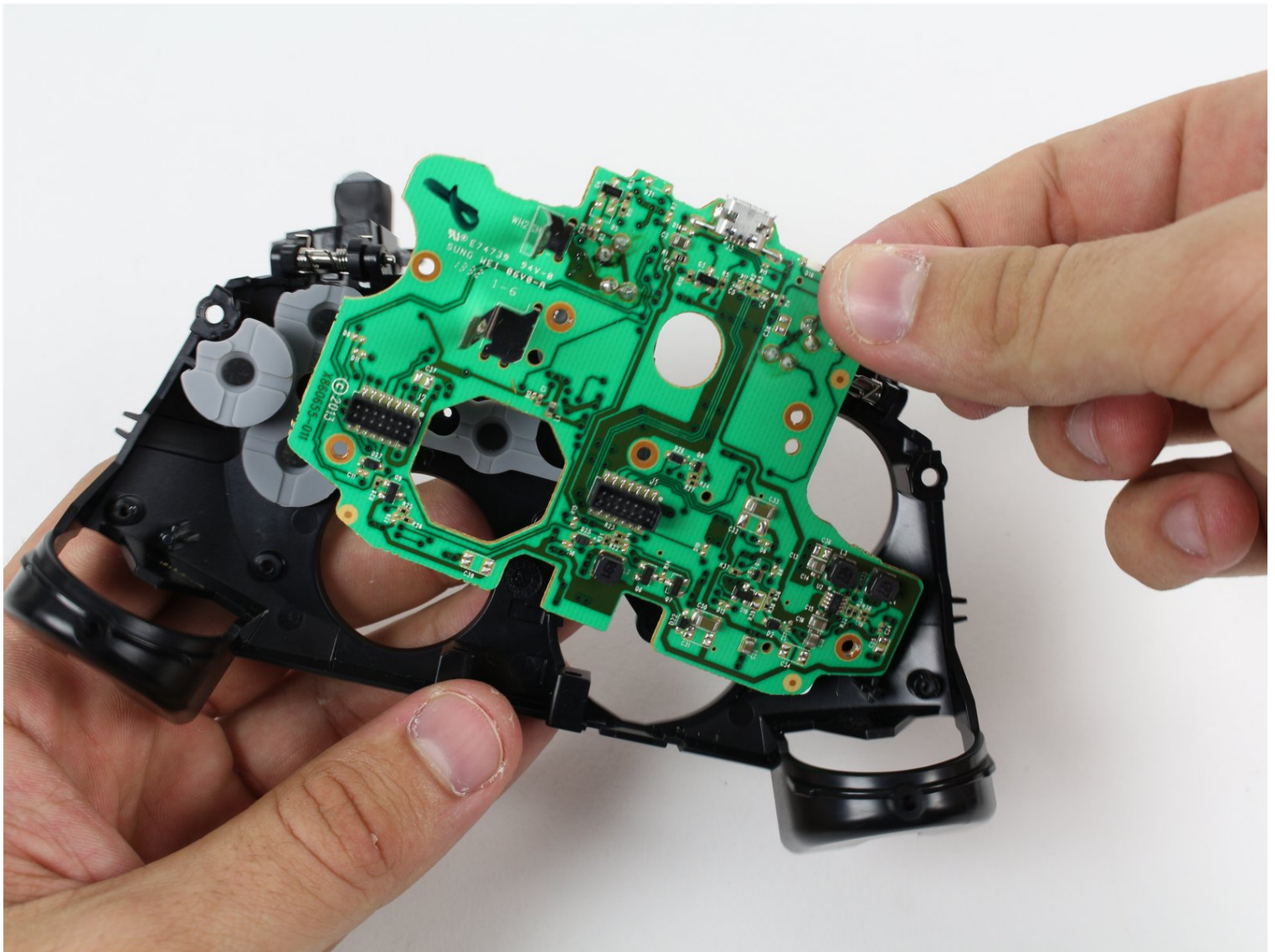




# Xbox One Wireless Controller Bottom Motherboard Replacement

This guide will show you how to remove the...

Written By: Liam Gow



# INTRODUCTION

This guide will show you how to remove the motherboards in order to access the buttons and triggers.



## TOOLS:

[Tweezers](#) (1)  
[T6 Torx Screwdriver](#) (1)  
[TR8 Torx Security Screwdriver](#) (1)  
[Soldering Iron 60w Hakko 503F](#) (1)  
[Spudger](#) (1)



## PARTS:

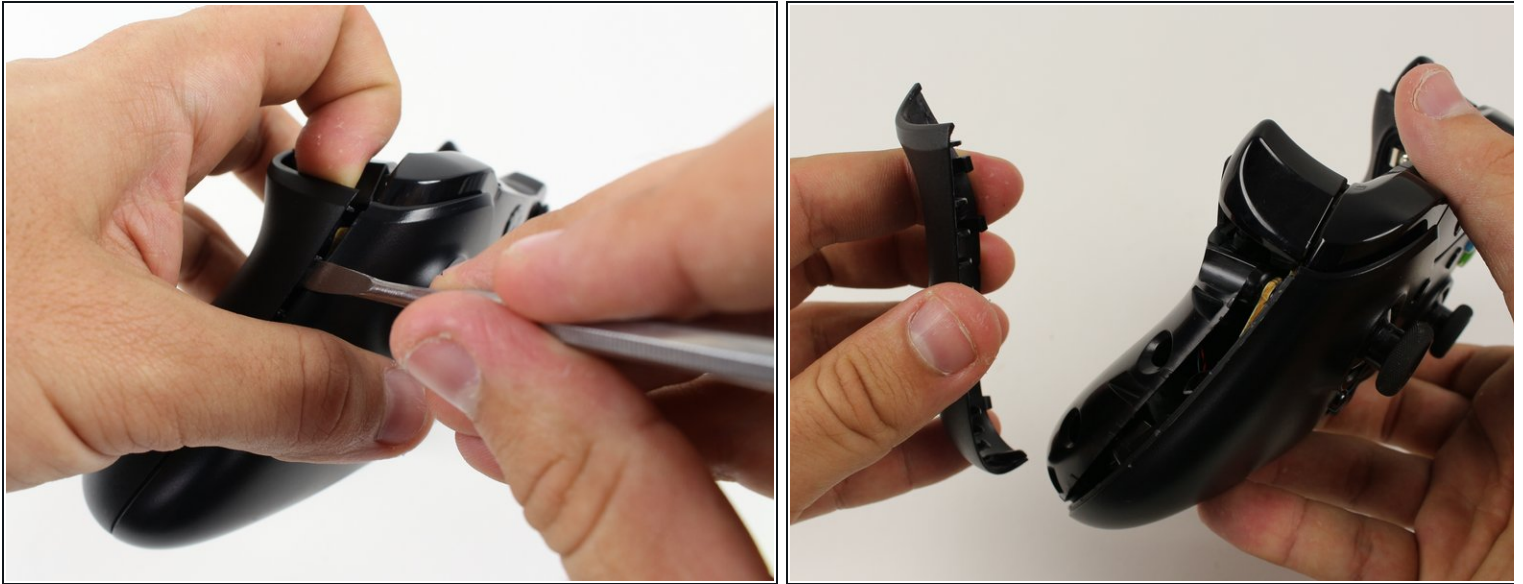
[Xbox One Controller Motherboard](#) (1)

## Step 1 — Battery Pack



- Remove the battery pack cover.
- Remove batteries.

## Step 2 — Side Handles



**i** We recommend using a nylon spudger for this step. A metal spudger is shown.

- Grip the controller firmly to remove the side handles, wedging a spudger into the seam between the front and handle plates.
- Pry the side plate away from the front plate by moving the spudger back and forth. You will need to do this all the way around the side plate's seam.

## Step 3 — Screws



- ① There is a hidden screw located in the middle of the controller behind the label.
- Use a screwdriver and punch a hole directly in the center of the label.
- ① You may also lift the label if you do not want to puncture it.
- Remove the five 10mm screws located on the back of the controller using the TR8 **Security** Torx Screwdriver.



## Step 4 — Backplate



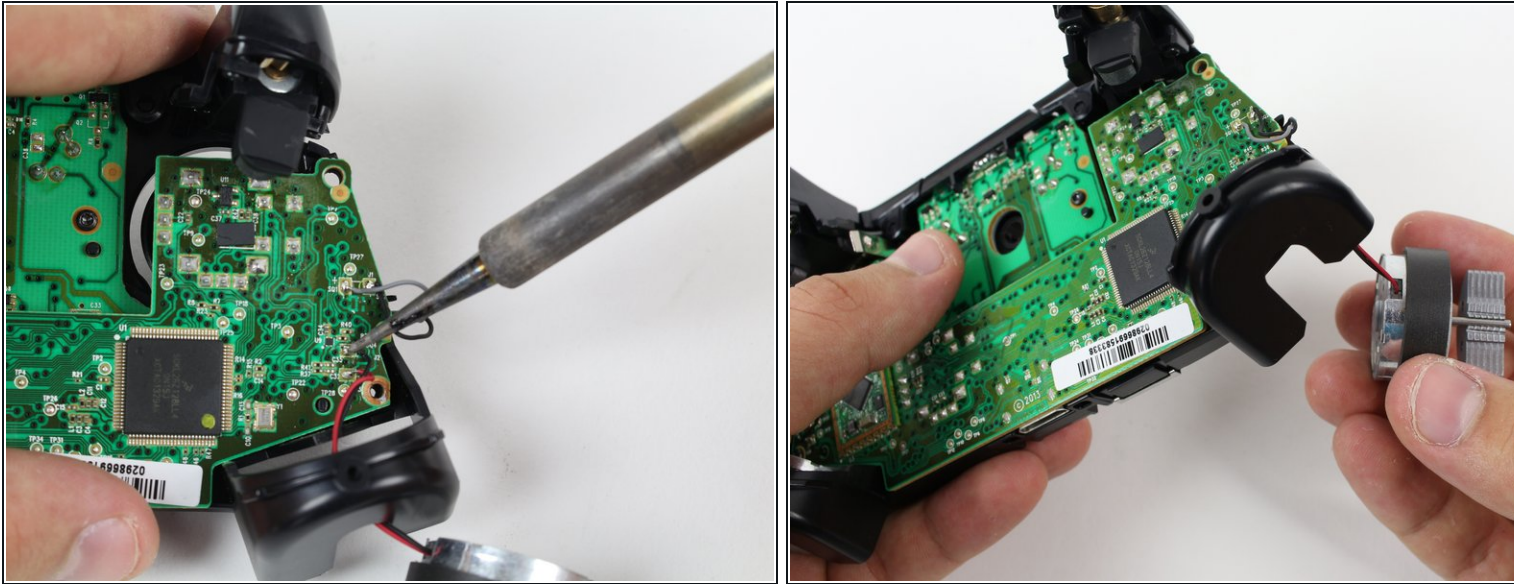
- Remove the backplate.

## Step 5 — Faceplate



- Remove the faceplate.


## Step 6 — Top Motherboard



 You may let the rumble motors hang freely out of their sockets.

- De-solder the soldered joints while holding the red and black wires down on the top motherboard.
- De-solder the black and gray wires that are attached to the top motherboard.
- Remove the rumble motors and set them aside.

 Be careful while using the soldering iron not to damage other components or hurt yourself.

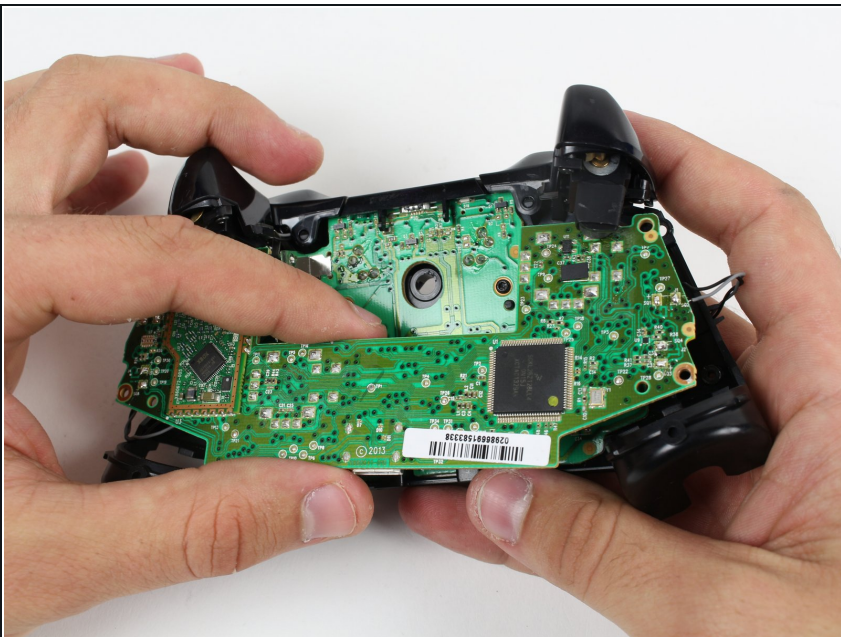
 For information on how to solder, [click here](#).

## Step 7



- Unscrew the two 7mm T6 screws located near the rumble motor sockets.

## Step 8



- Firmly grip sides of motherboard near the middle.
- Lift upwards while slightly wiggling the motherboard forward and backward.
- ⓘ Lifting the motherboard will require some force.

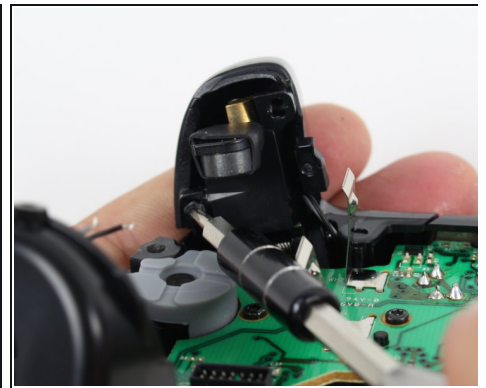
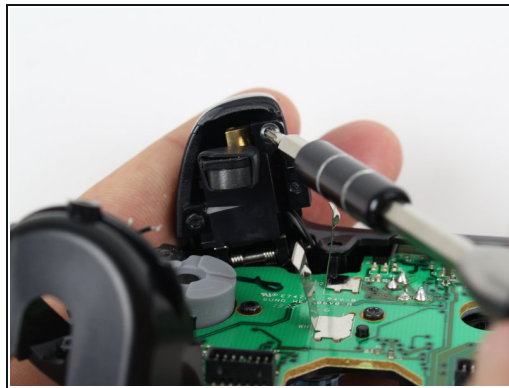
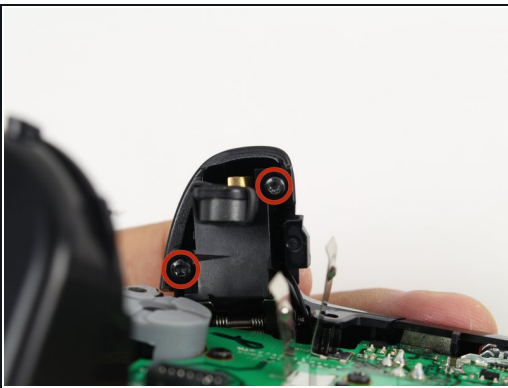


## Step 9 — Trigger Rumble Motors



- Remove the yellow tape holding the wires in place on the front of the controller.

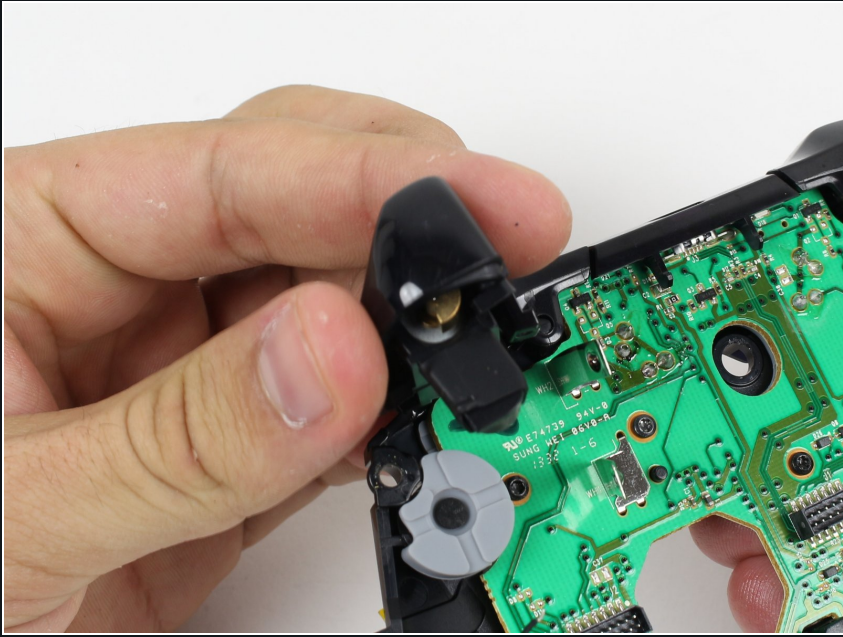
## Step 10



- Unscrew the two 7mm T6 Hex screws located on underside the triggers.



## Step 11



- Remove the trigger covers.

## Step 12



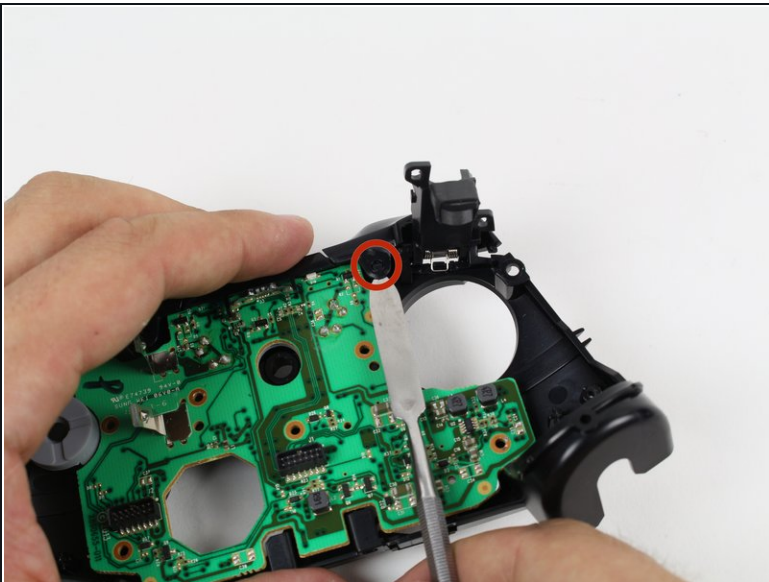
- ① Desolder the wires from the motherboard.
- Remove the rumble motors from its socket and pull the wire with it.

## Step 13 — Bottom Motherboard



- Remove the six T6 Torx screws located on the bottom motherboard.

## Step 14



- Remove the bumpers by prying them off of the pegs that secure them, using a spudger. They are located on the front and back of the controller.

⚠ A standard nylon spudger is recommended for this step. Using a metal spudger near the motherboard as shown risks damaging your device.

## Step 15



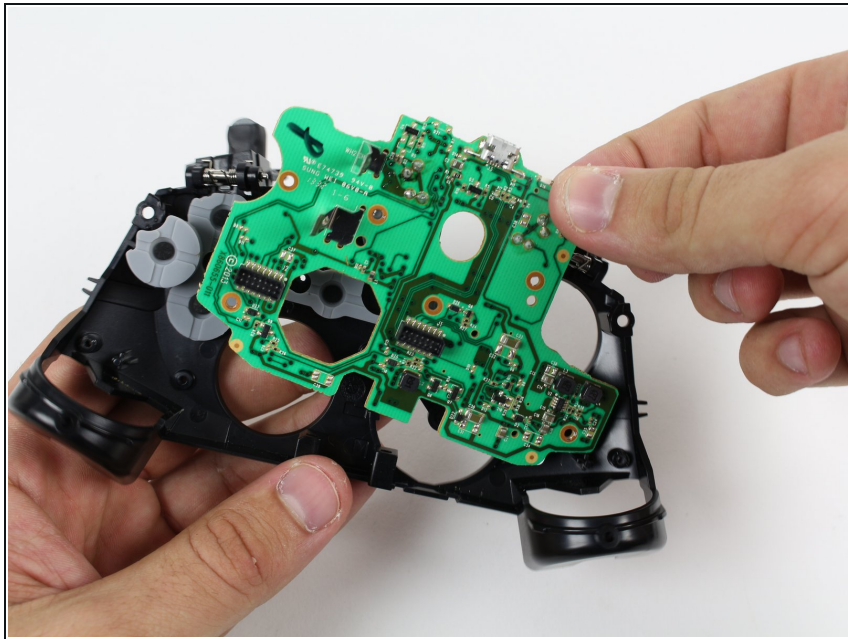
- Lift the piece surrounding the Home button off of its pegs.
- Pry it off of the other side, using a spudger on the pins.

**⚠ A standard nylon spudger is recommended for this step. Using a metal spudger near the motherboard as shown risks damaging your device.**

**ⓘ** Removing this piece may require a lot of force.



## Step 16



- Remove the bottom motherboard.

---

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