



Xbox One Wireless Controller Trigger Rumble Motor Replacement

Replace the rumble motors located in the triggers of the controller.

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INTRODUCTION

In this guide, you will learn how to remove the rumble motors located in the triggers. This task requires you to fully disassemble the triggers on the controller.

TOOLS:

- Soldering Iron (1)
- Spudger (1)
- T6 Torx Screwdriver (1)
- T8 Torx Screwdriver (1)
- Tweezers (1)

PARTS:

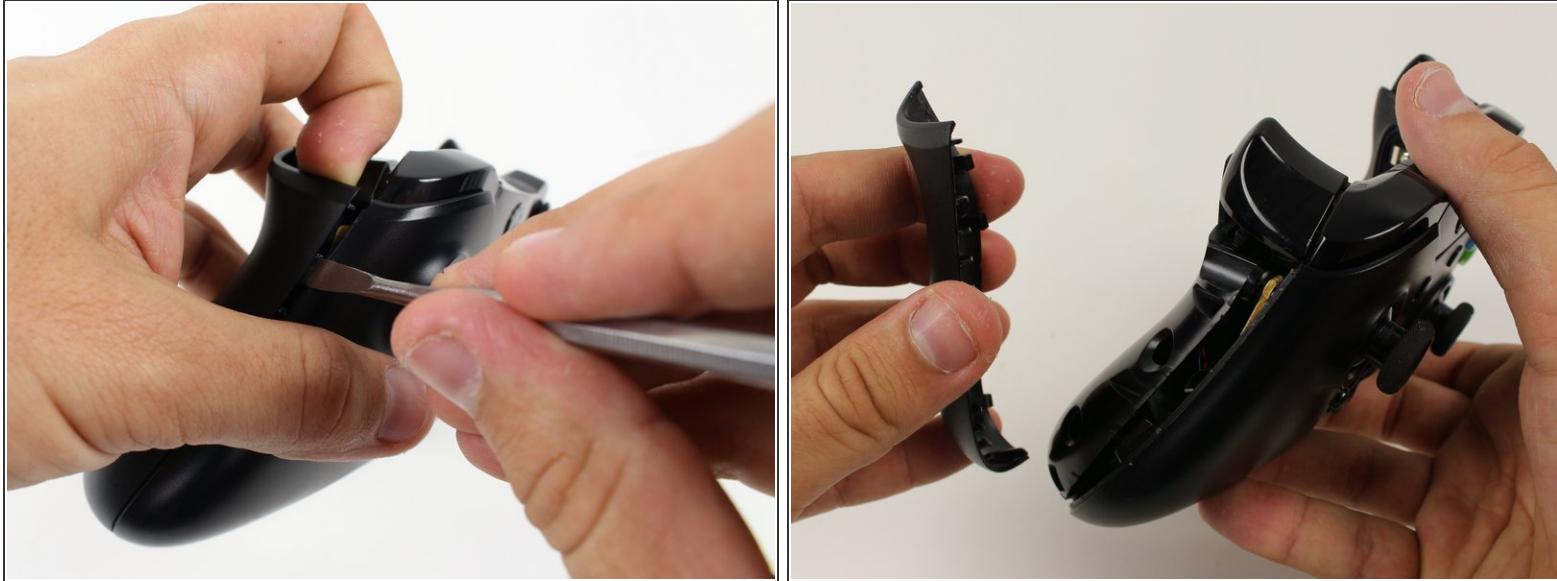
- Trigger Rumble Motor(s) (1)

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



(i) 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.
- (i)* 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 T8 Security Torx Screwdriver.

Step 4 — Backplate



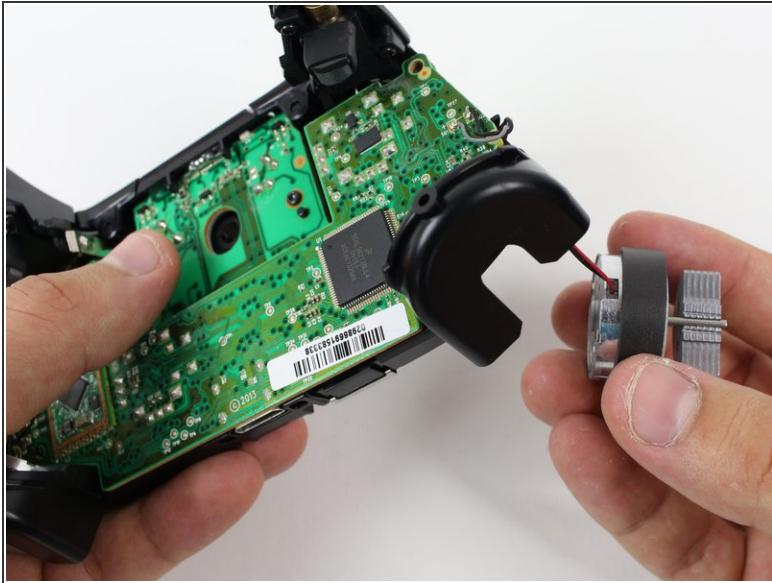
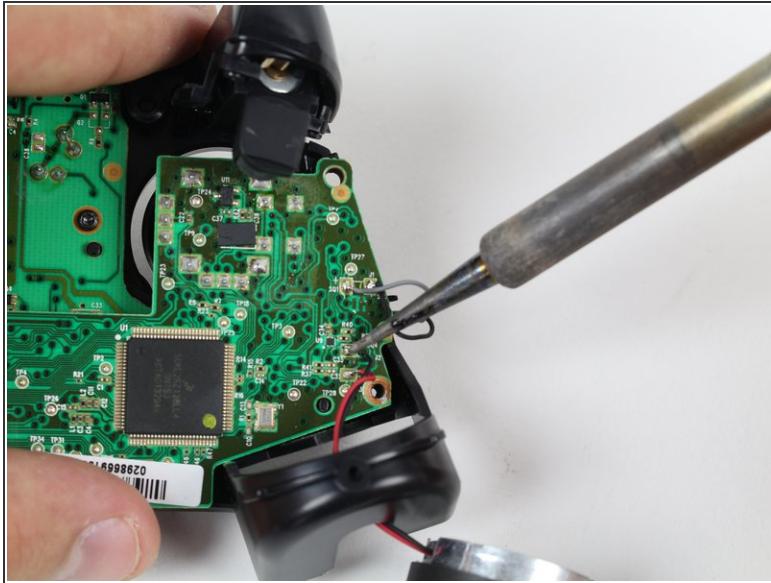
- Remove the backplate.

Step 5 — Faceplate



- Remove the faceplate.

Step 6 — Top Motherboard



(i) 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.

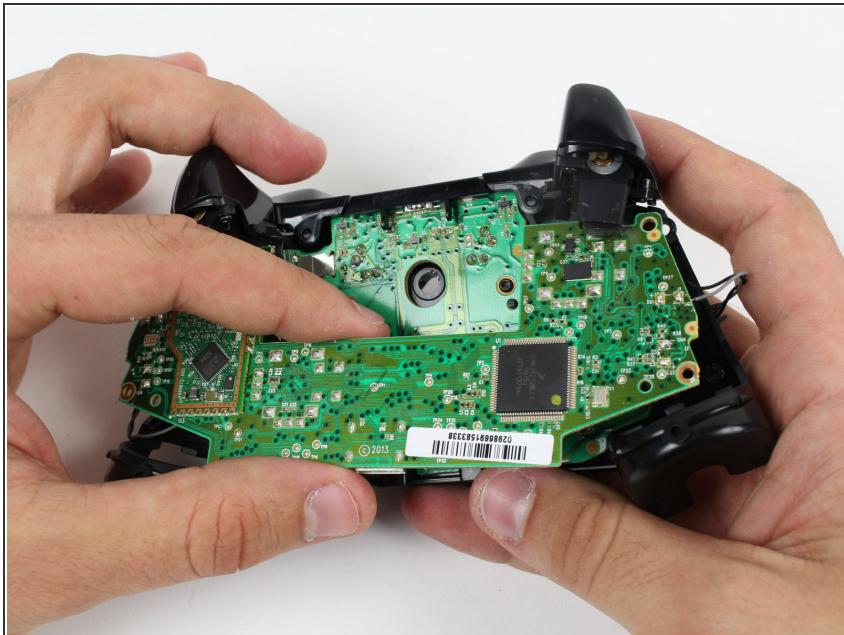
(i) For information on how to solder, [click here](#).

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.

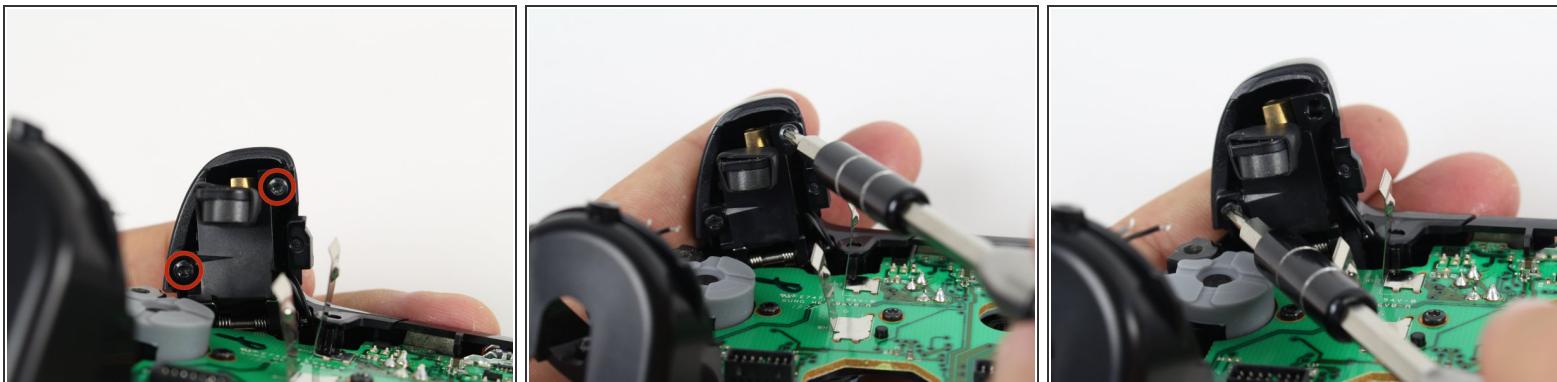
i Lifting the motherboard will require some force.

Step 9 — Trigger Rumble Motors



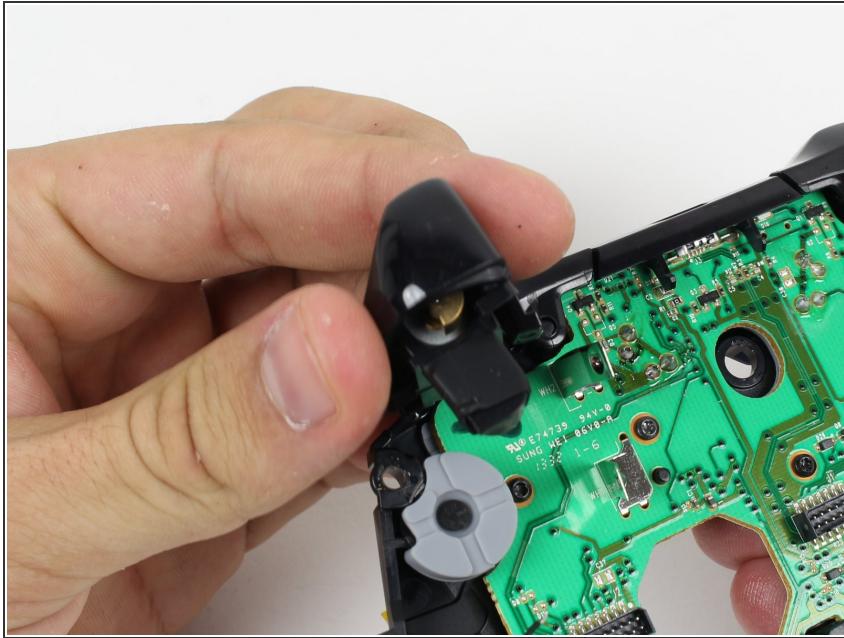
- Remove the yellow tape holding the wires in place on the front of the controller.

Step 10



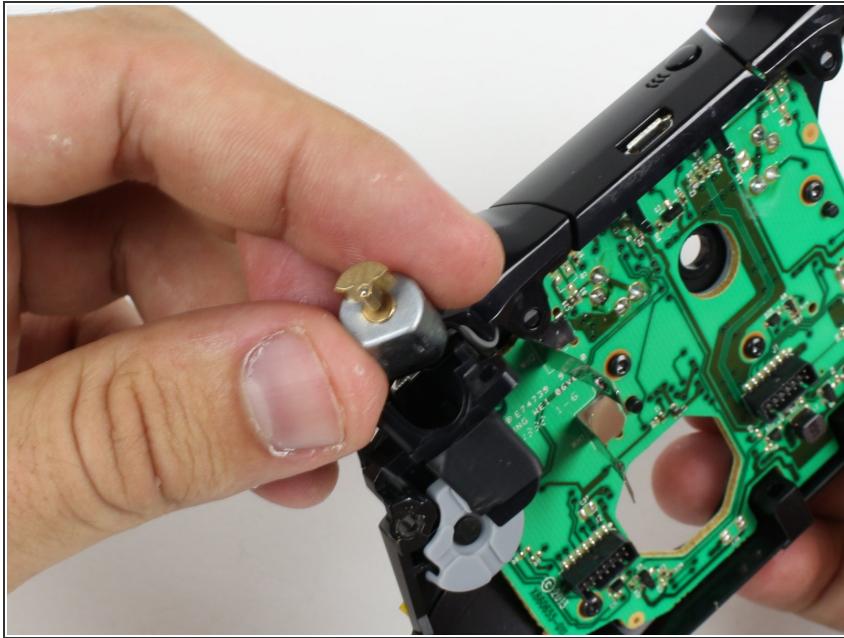
- Unscrew the two 7mm T6 Hex screws located on underside the triggers.

Step 11



- Remove the trigger covers.

Step 12



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

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