



Xbox One Elite Controller (Model 1698) Rumble Motor Replacement

A guide that helps you replace the rumble motors on the Xbox One Elite Controller.

Written By: Cara Steinke



INTRODUCTION

If your Xbox One Elite Controller is not vibrating, your rumble motors might be disconnected or defective. Here are instructions to help you replace your rumble motors. Use the [Soldering Iron Guide](#) to attach the wires of the new rumble motor to the motherboard.



TOOLS:

- [iFixit Opening Tools](#) (1)
- [Soldering Tweezers](#) (1)
- [Soldering Iron](#) (1)
- [Desoldering Braid](#) (1)
- [Solder](#) (1)
- [TR8 Torx Security Screwdriver](#) (1)



PARTS:

- [Xbox One Elite Rumble Motors](#) (1)

Step 1 — Battery



- Turn over the controller so that the buttons face down.
- ⚠ Be gentle when removing the cover so you do not break the small plastic tabs holding the cover to the controller.
- Remove the battery cover carefully by sliding the cover up in the direction of the arrow.


Step 2



- Remove the two batteries AA batteries by lifting them from one end and pulling them out.

Step 3 — Rumble Motor



 Be careful not to break the plastic tabs, that hold each grip cover to the back of the controller.

- Remove each grip by inserting the plastic opening tool near the top of the controller.
- Guide the plastic opening tool along the entire seam and gently separate the grip from the controller in a prying motion as you go.

Step 4



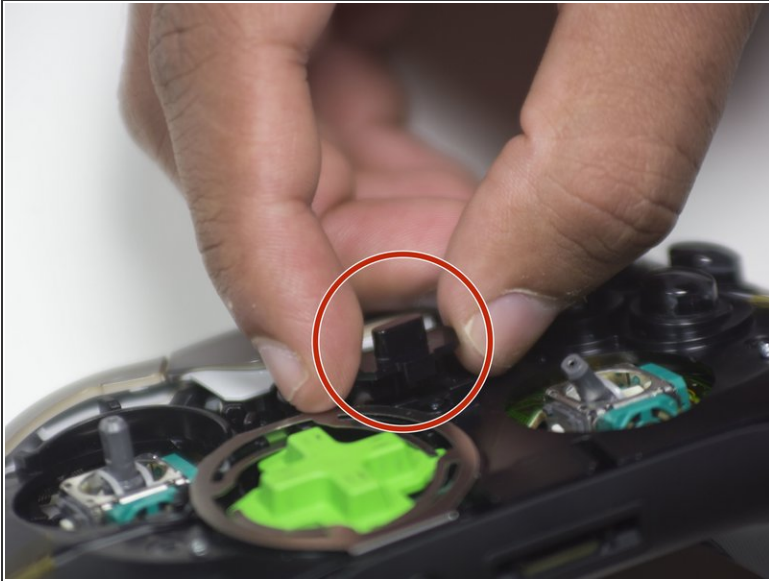
- Remove the five 2.3 mm screws with the T8 Torx screwdriver.
- ⓘ Four of the screws are located at the bottom tip of each grip and at the top of each grip, near the triggers of the controller.
- ⓘ The last screw is located in the center of the battery tray beneath a sticker.
- Use a T8 Torx Screwdriver to puncture the sticker and remove the final screw.

Step 5



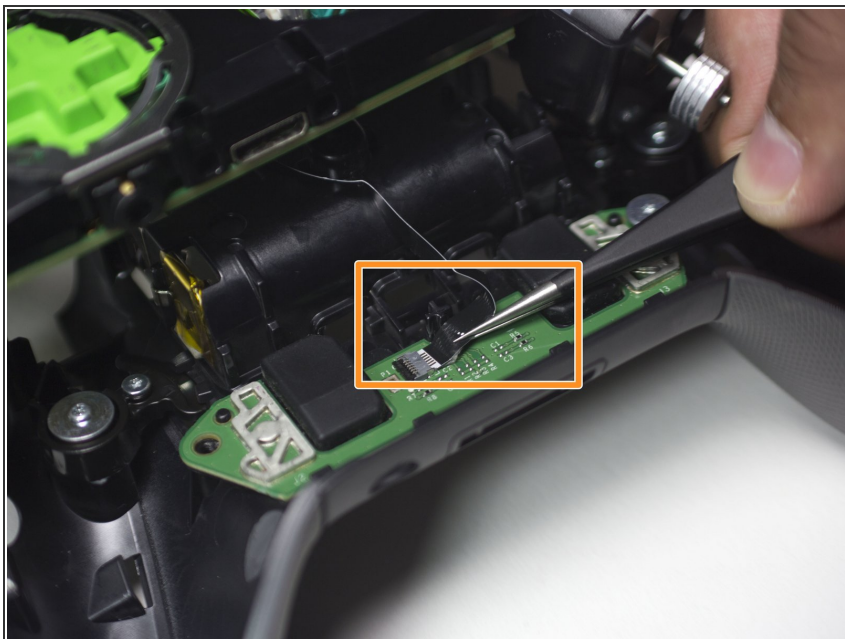
- Flip the controller so that the buttons are face up to prevent the vibration motors from falling out of the controller.
- Remove the D-pad by lifting the bottom and pulling it up.
- Remove the entire plastic faceplate by pulling it up gently.
- Remove the thumbsticks by pulling them off from the top.

Step 6



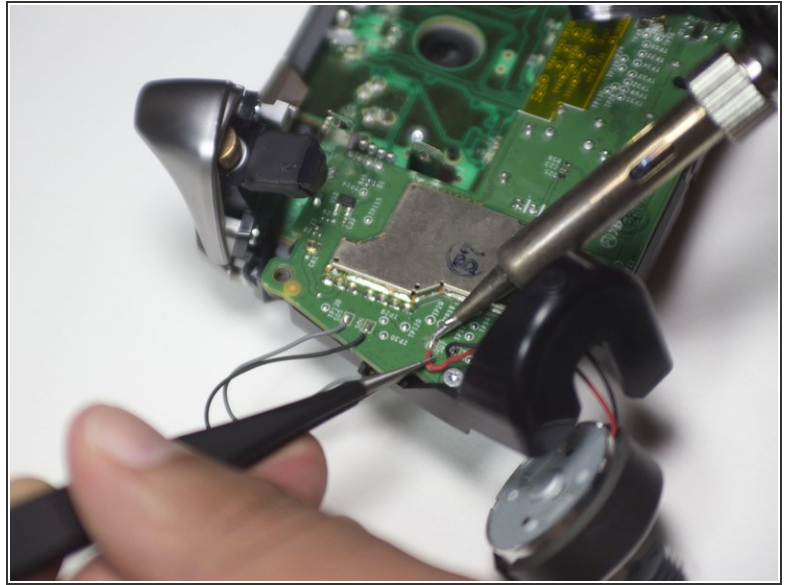
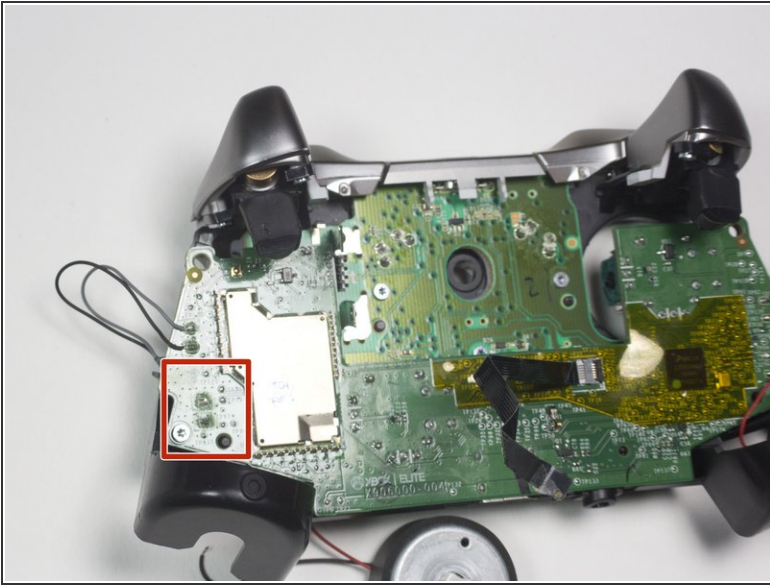
- Remove the small black mode switch from the front of the controller.
- ⓘ The backplate gets a little stuck on the port at the bottom so you may have to use a prying motion to remove.
- ⚠ Be careful in the next step when pulling the main assembly apart from the backplate. There is a ribbon cable that connects the two parts that must stay in tact.
- Remove the backplate from the main assembly by pulling them apart.

Step 7



- ⚠ The small ribbon cable connects the back cover to the internals of the controller.
- Use tweezers to unplug the ribbon cable on the side closest to the back cover by pulling the cable parallel to the surface of the circuit board.

Step 8



- Mark each motor according to where it attaches. The rumble motors are different so they will not work if you switch them.
- ⓘ Take note of where the red and black motor wires attach because they should be reattached in the same order.
- Turn over the controller so that the thumbsticks are facing down.
- Use tweezers and a soldering iron ([Soldering Iron Guide](#)) to remove the black and red wires from the motherboard.
- ⓘ This will release the rumble motor from the controller assembly.

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