



Xbox 360 Controller Shell & Thumbstick Replacement

This replacement guide will show you how to replace both the shell and thumbstick of an Xbox 360 Controller.

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INTRODUCTION

This replacement guide will show you how to replace both the shell and thumbstick of an Xbox 360 Controller. Our trial actually included 3 different controllers; one in which had a faulty thumbstick, one in which had broken bumpers and another broken thumbstick but a very cool shell, and one generic Xbox 360 controller. However, for the sake of this guide, we used generic terms, assuming you are only using 2 controllers.

TOOLS:

- [Torx T8 Screwdriver \(1\)](#)
- [Crosshead ScrewDriver \(1\)](#)

PARTS:

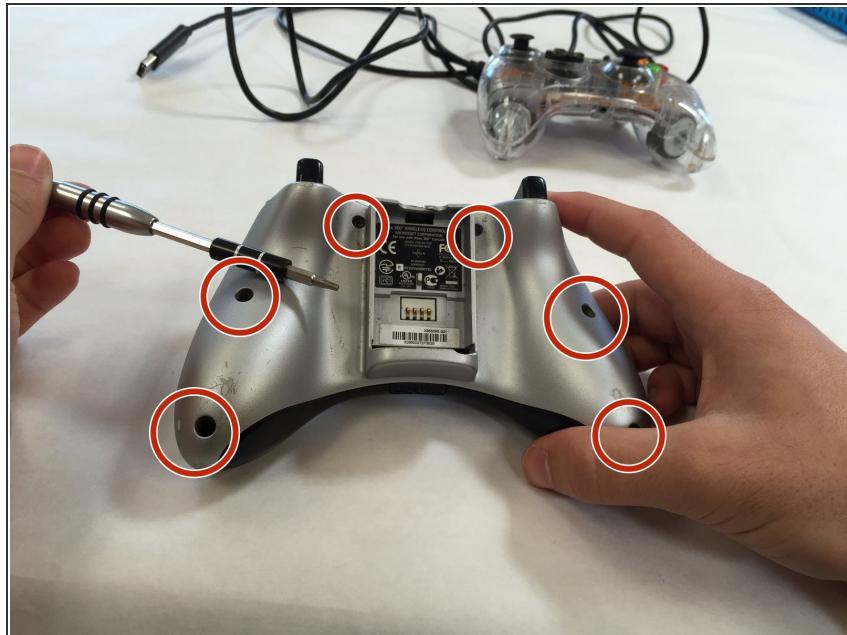
- [Xbox 360 Wireless Controller \(1\)](#)
- [Xbox 360 Wireless Controller Shell \(1\)](#)

Step 1 — Ensuring Safety



- Remove all batteries or power sources from remote.
- This is to ensure that there are no electric currents traveling through the remote, ensuring you will not be shocked.
- This is **very important**.

Step 2 — Replacing the Shell



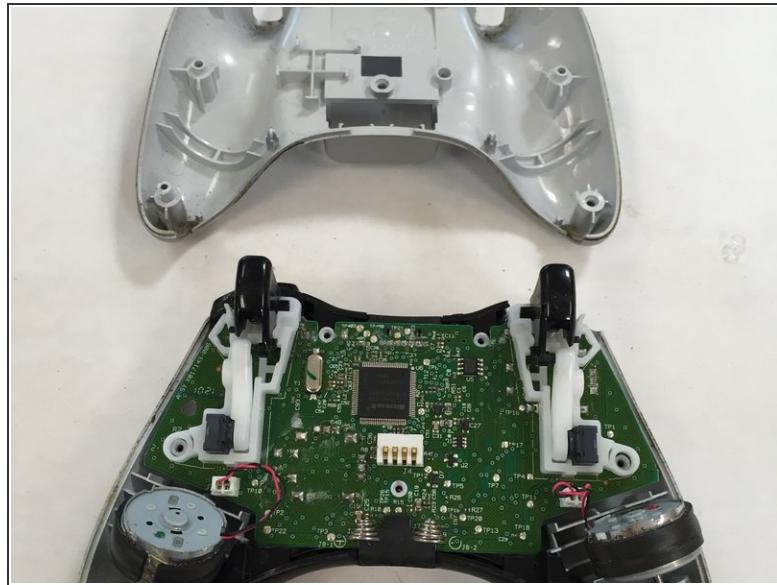
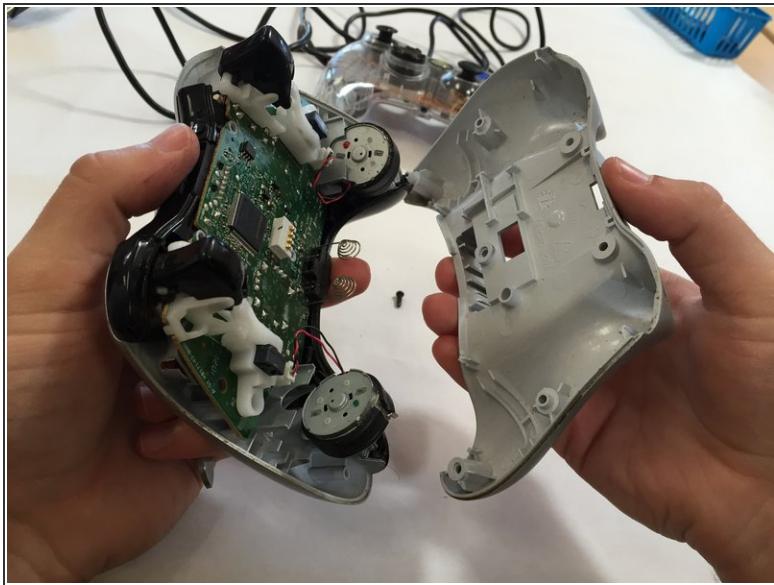
- Using a TP Torx T8 Screwdriver, remove all 6 screws from the back of your controller.
- Keep the screws in a safe place to ensure you will not lose them.

Step 3 — Replacing the Shell



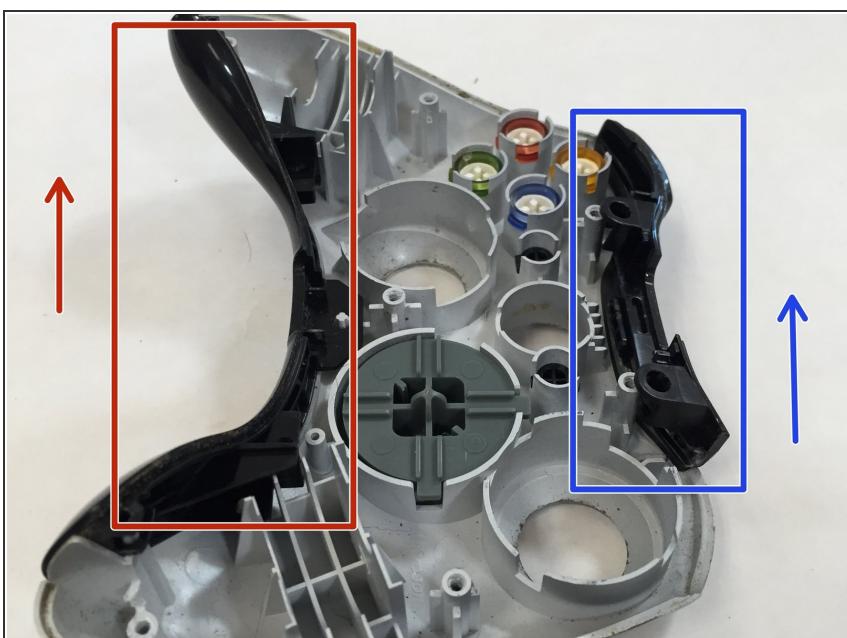
- Remove barcode sticker from back wall of battery port.
- Remove hidden screw from location of sticker with the same TP Torx T8 Screwdriver.

Step 4 — Replacing the Shell



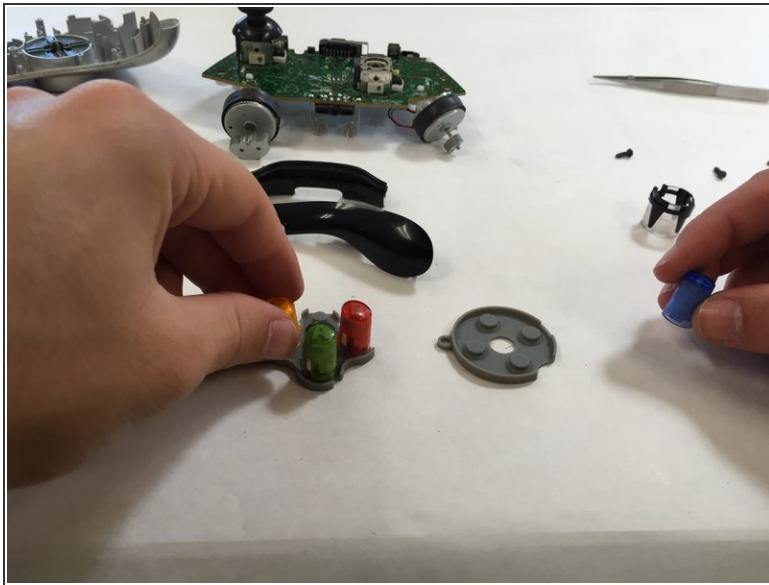
- Pry open the controller. Optionally, gently push in the thumbstick to eject the back half. (Some buttons may fall out.)
- This will leave you with 2 separate pieces. Disconnect rumble motors, using fingers on sides of connectors.

Step 5 — Replacing the Shell



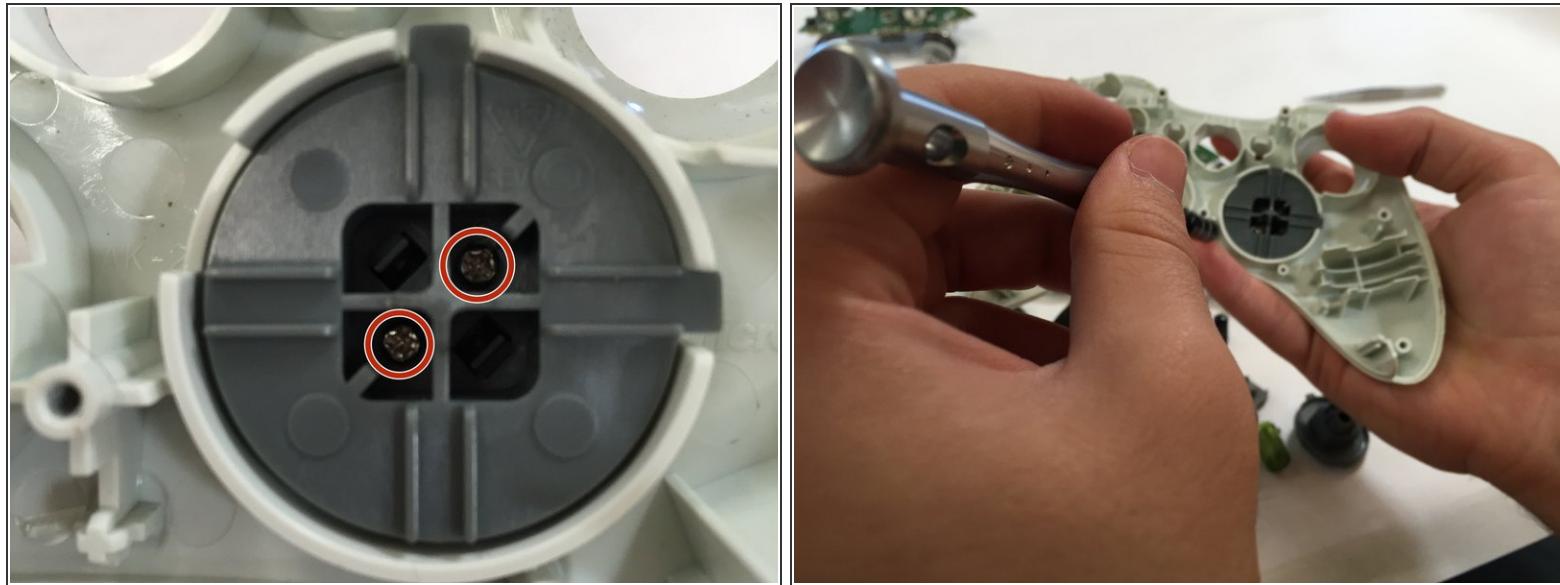
- To remove bumper housing and bottom piece, pull away from the shell (along the axis of the screwposts).

Step 6 — Replacing the Shell



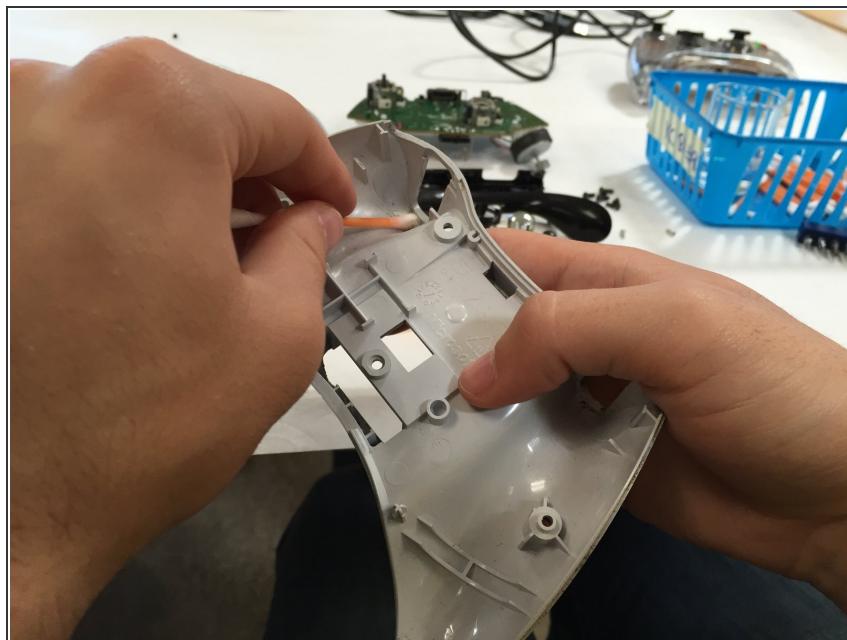
- Remove all mesh and buttons from controller, as well as the motherboard.
- Remember to *keep small parts in a safe place* to prevent the loss of a part.
- Later photo will clarify which button goes in which hole.

Step 7 — Replacing the Shell



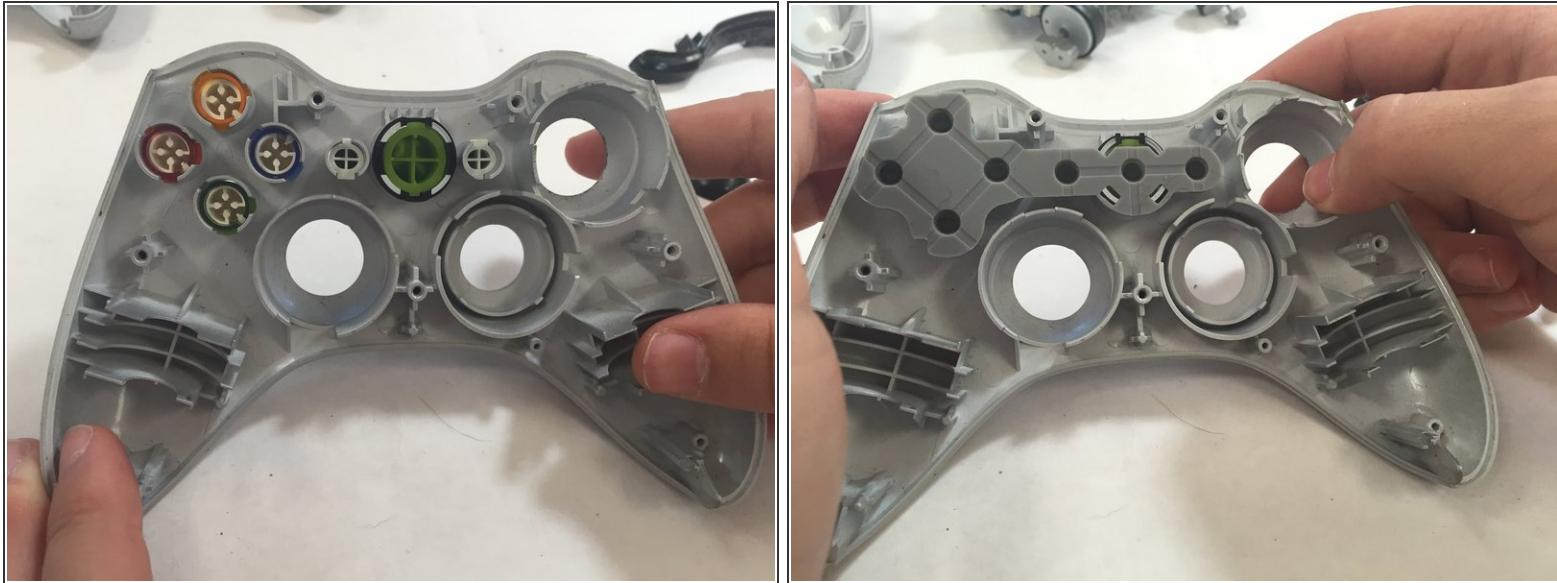
- To remove arrow keys, locate the screws hidden within the key.
- Using 1.5 crosshead screwdriver, remove these screws and "store them in a safe place."

Step 8 — Cleaning the Controller



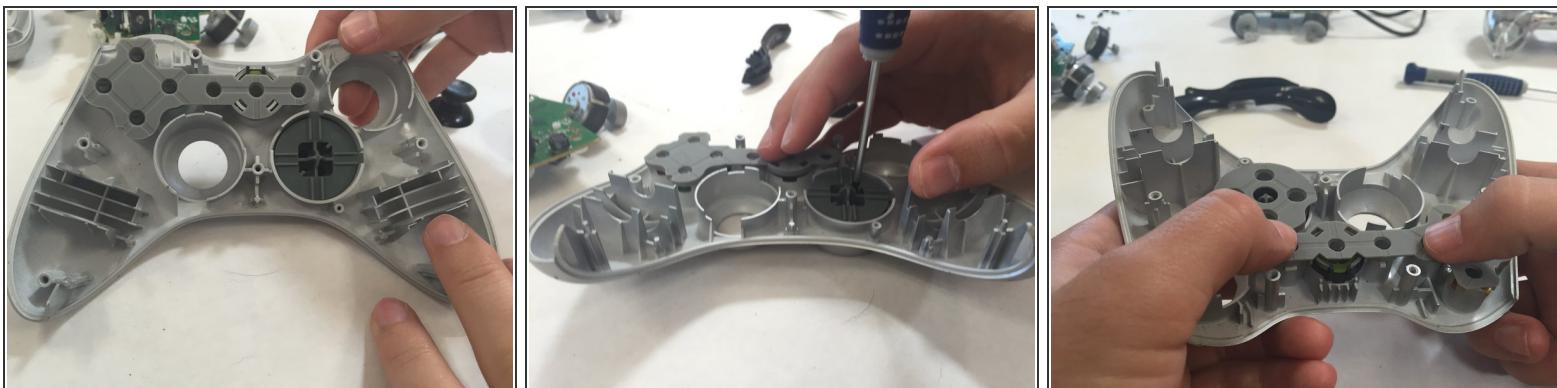
- Clean shells and buttons with rubbing alcohol if needed.
- **Do not consume rubbing alcohol.**

Step 9 — Reassembly



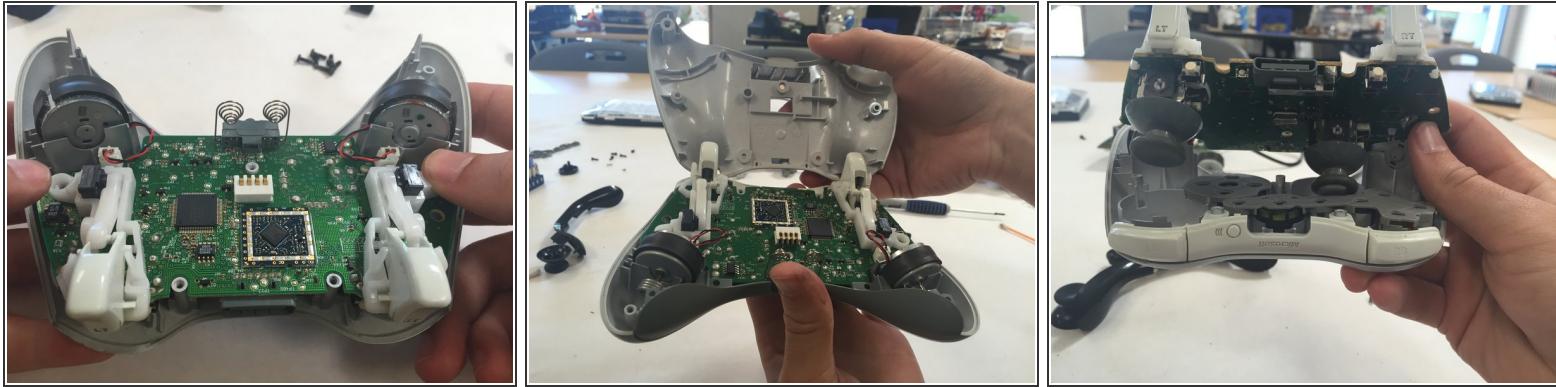
- Insert buttons into new shell as pictured.
- Place mesh back onto buttons.

Step 10 — Reassembly



- Snap arrow keys into hole.
- Replace the screws and place mesh over keys.

Step 11 — Reassembly



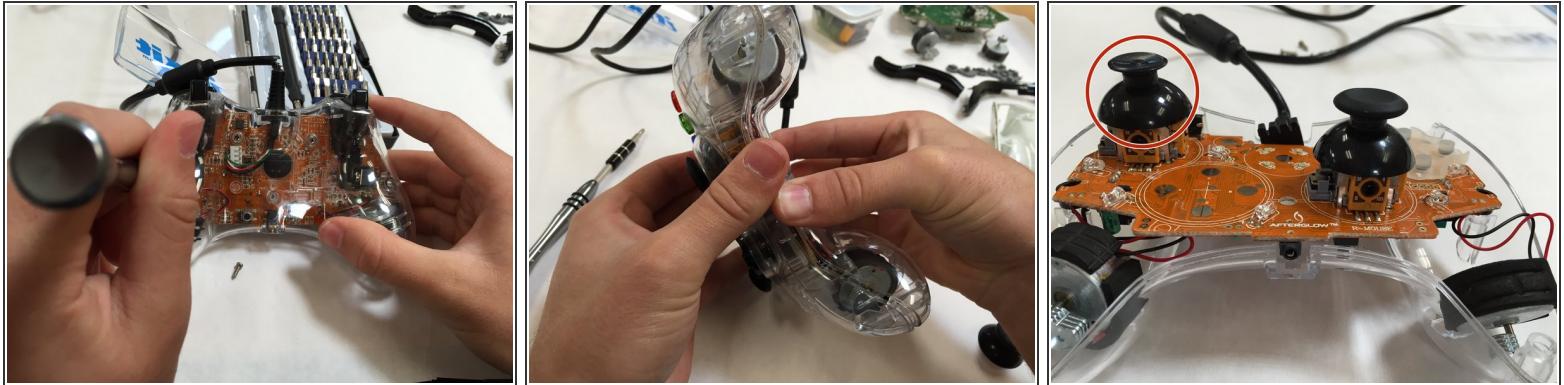
- Place the triggers and the motherboard in their respective places.
- Re-attach rumble motors. Note orientation of T-slot in connector.

Step 12 — Reassembly



- Close controller and replace the screws with the TP Torx T8 Screwdriver.

Step 13 — Replacing Thumbstick



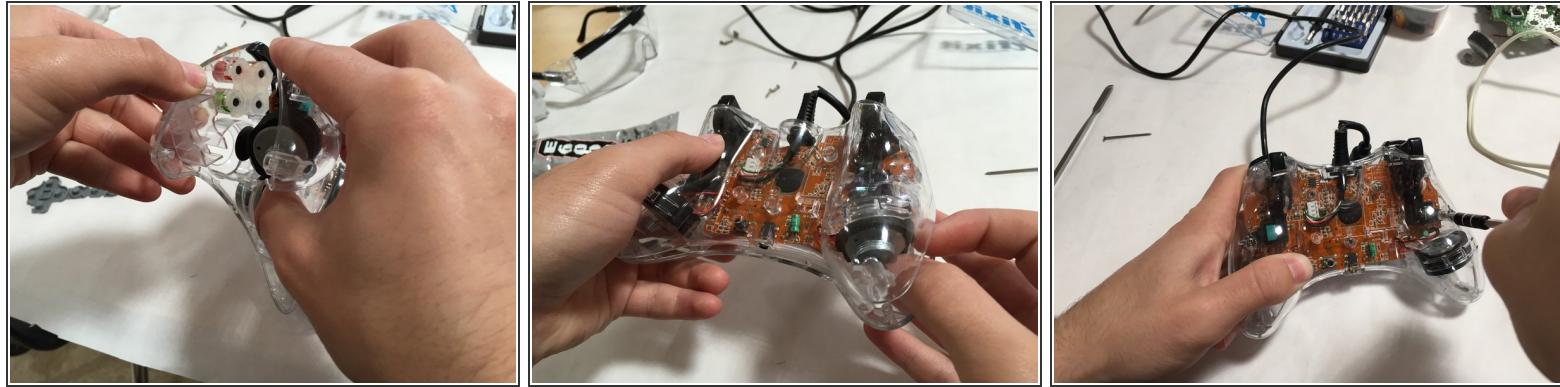
- Complete steps 1-4 on the controller with the faulty thumbstick.

Step 14 — Replacing Thumbstick



- To remove thumbstick, pull the thumbstick vertically off of its base.
- Place the new thumbstick onto its base, pushing it down as far as possible without breaking the base.
- If you have purchased the wrong style of thumbstick, superglue, hot glue, or any other adhesive should work fine. Simply use a needle to put some adhesive and/or glue into the hole.

Step 15 — Replacing Thumbstick



- Once your thumbstick is in place, complete steps 9-12 to reassemble.

You have successfully replaced the shell, and thumbstick, on your Xbox 360 Controller, congratulations!