Rotor Riot Thumbstick Replacement
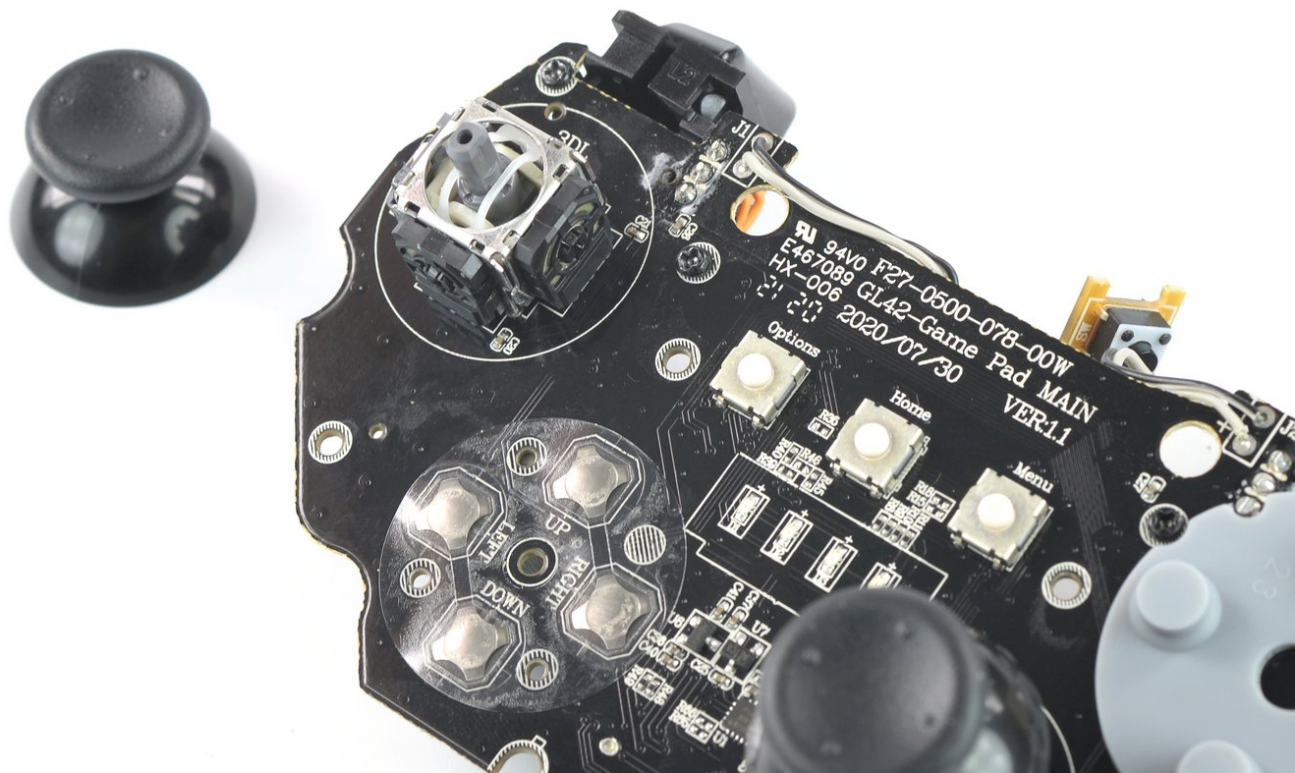
How to remove the thumbsticks in your Rotor Riot controller.

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www.iFixit.com

INTRODUCTION

Use this guide to remove the thumbsticks in your Rotor Riot controller.

🔧 TOOLS:

- Spudger (1)
- TR6 Torx Security Screwdriver (1)
- Phillips #00 Screwdriver (1)

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Step 1 — Remove the iPhone mount

- Use your fingers to remove the screw on the back side of the controller securing the iPhone mount.

- Remove the iPhone mount.

Step 2 — Unscrew the back cover

- Use a T6 Torx screwdriver to remove the eight 9.2 mm-long screws securing the back cover.

⚠ Don't try to remove the back cover all the way yet! It's still connected to the mainboard.

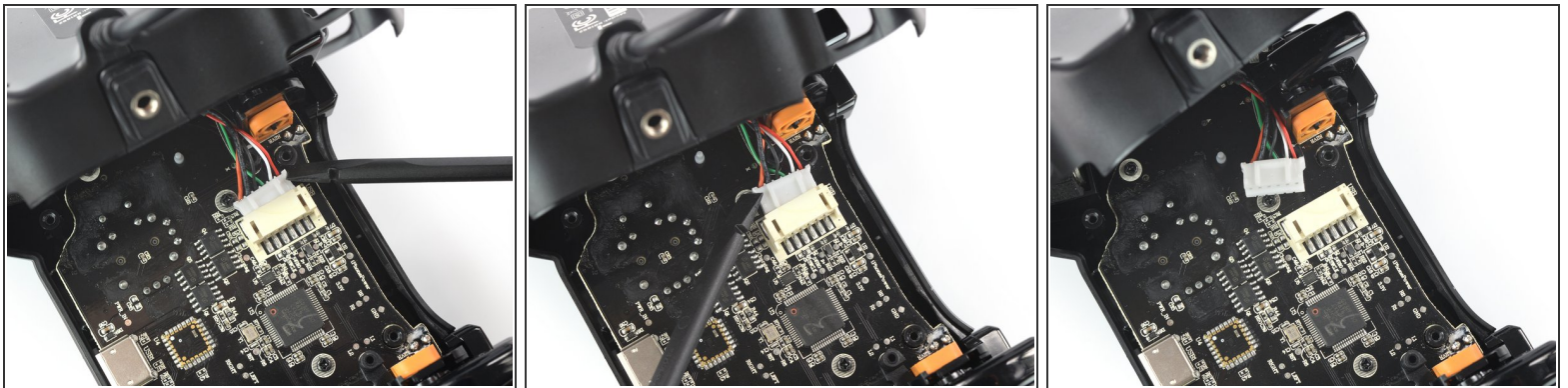This document was generated on 2022-03-16 04:38:53 PM (MST).

Step 3 — Swing open the back cover

- Lift up the back cover of the controller.

- Lift the back cover to a 45 degree angle and place it next to the controller.
  ⚠️ Don't strain the interconnect cable during this procedure.

Step 4 — Disconnect the phone connector cable

- Use a spudger to disconnect the phone connector cable from the mainboard.

Step 5 — Remove the back cover

- Remove the back cover.

Step 6 — Remove the shoulder buttons

- Remove the shoulder buttons by lifting them out of the case.

Step 7 — Unscrew the mainboard

- Use a Phillips screwdriver to remove the four 7.0 mm-long screws securing the mainboard.

Step 8 — Flip over the mainboard

- Flip over the mainboard and place it above the controller housing.

⚠ Avoid tensioning the trigger button cables during this procedure and don't try to remove the mainboard all the way yet! It is still connected to the controller housing.

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Step 9 — Remove the thumbsticks

- Use your fingers to remove the left thumbstick by pulling it upwards and off the left joystick.

- Repeat this procedure for the right tumbstick.

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

Take your e-waste to an R2 or e-Stewards certified recycler.

Repair didn't go as planned? Check our Answers community for help.

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