



PowerA Fusion Controller For Xbox One

Analog Stick Replacement

These steps will show you how to disassemble and fix your PowerA Fusion Xbox One Controller analog stick.

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INTRODUCTION

When it comes to a controller, the performance of the analog sticks are essential, and when they malfunction, it renders the controller useless for many games and apps. It's normal for an analog stick to lose performance overtime due to use, but rather than just throw it away, consider taking a few steps to fix it and save yourself the cost of buying another. This replacement guide outlines the equipment you will need and the necessary steps to take in order to disassemble and fix your PowerA Fusion Xbox One Controller's analog stick. Please be aware that soldering and desoldering is required to replace the analog stick, so experience with a soldering iron and desoldering braid is required.



TOOLS:

- [Tweezers](#) (1)
- [Soldering Iron](#) (1)
- [JIS #1](#) (1)
- [Desoldering Braid](#) (1)



PARTS:

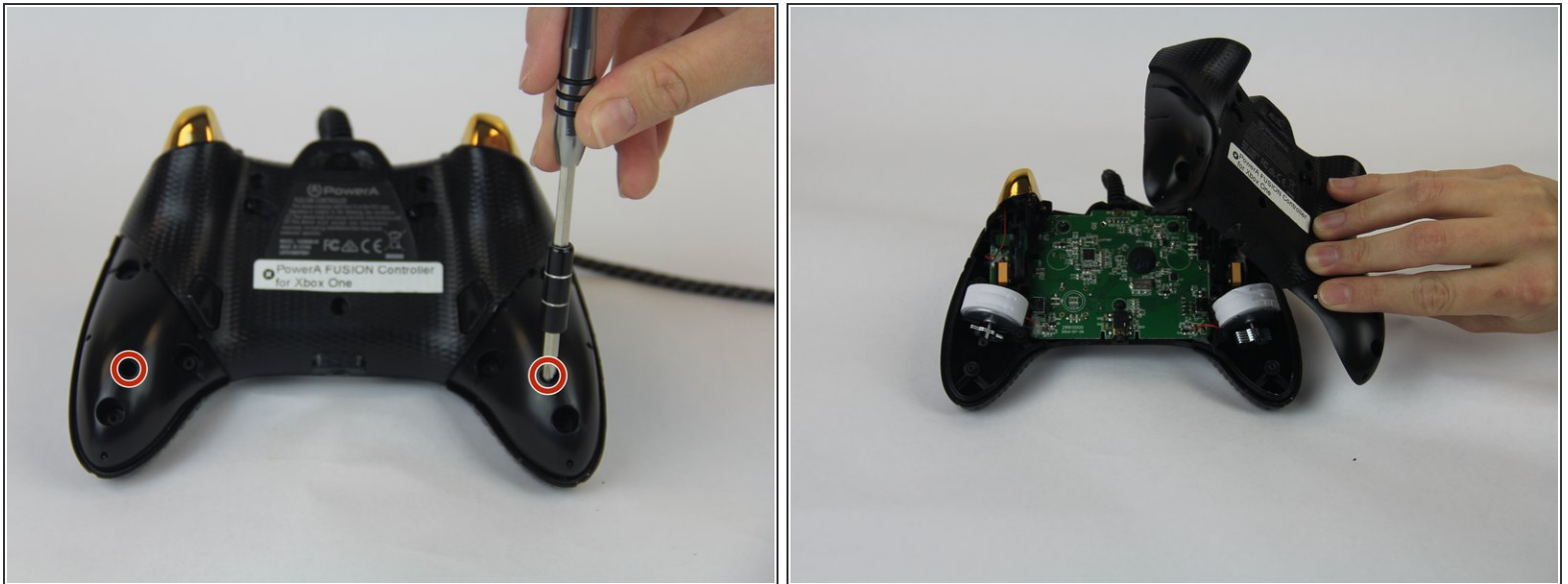
- [Xbox Analog stick](#) (1)

Step 1 — Analog Stick



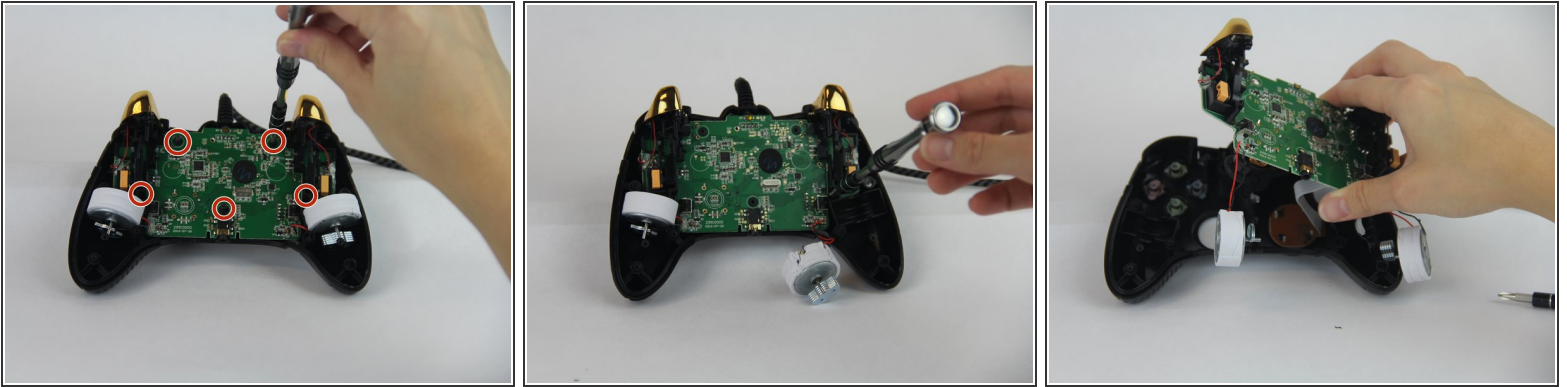
- Remove the (9) nine 9.2mm screws with a JIS #1 screwdriver.
- Lift off the two bottom grip covers of the controller.

Step 2



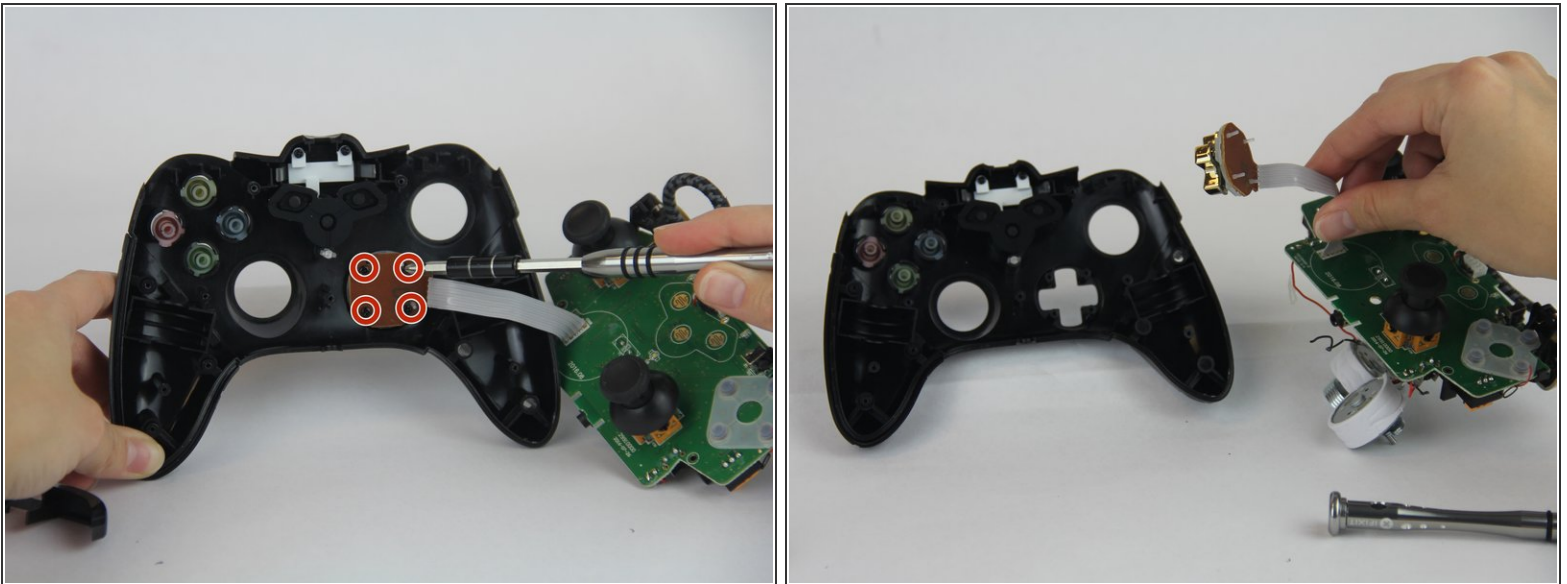
- Remove the remaining (2) two 9.2mm screws holding the back cover with a JIS #1 screwdriver.
- Carefully lift and remove the back cover of the controller.

Step 3



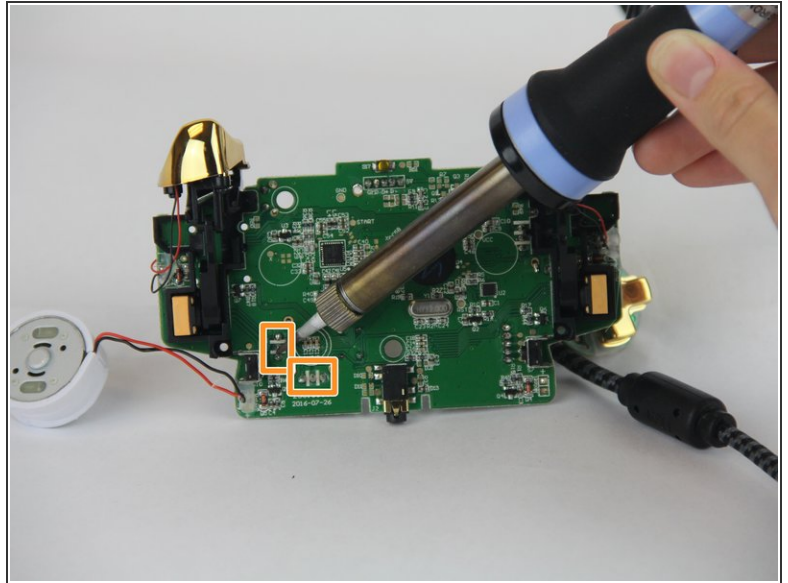
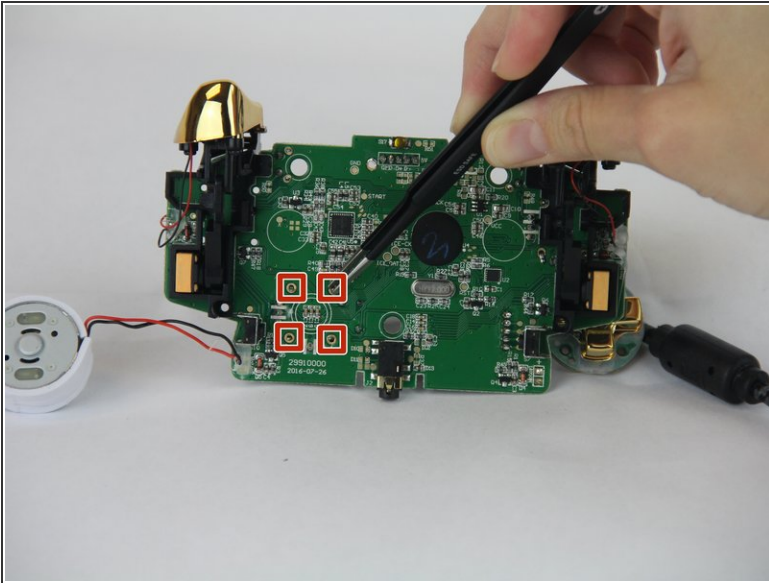
- Carefully remove the (5) five 9.2mm screws holding the motherboard with a JIS #1 screwdriver.
- Lift the motherboard and rest it face up to the right of the controller front plate.

Step 4



- Remove the (4) four 9.2mm screws that are holding the motherboard to the controller.
- Remove the motherboard from the face plate of the controller.

Step 5



- Use the tweezers to unclip the (4) four metal teeth of the analog stick.
- Use the soldering iron and desoldering braid to desolder the analog stick sensor module from the back of the motherboard.
- Place the new analog stick sensor module and solder it back.
- ⓘ Use the [How To Solder and Desolder Connections](#) guide on iFixit to help in desoldering and soldering the analog stick sensor module.

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