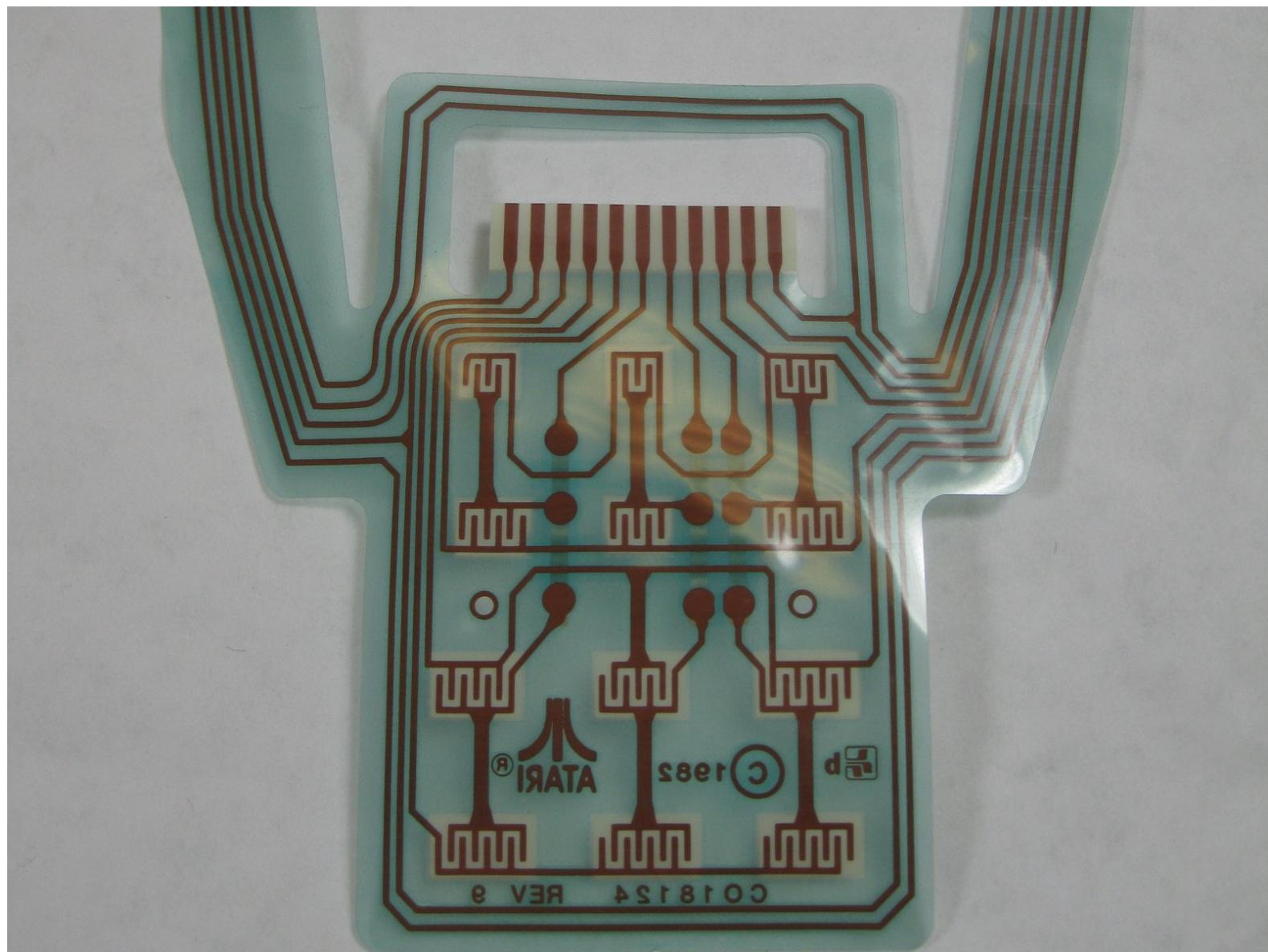




Atari 5200 Controller Flex Board Replacement

Replacing the Atari 5200 Controller Circuitry, ensuring that button presses are properly detected.

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INTRODUCTION

One of the most common issues with the Atari 5200 is faulty controller wiring- a controller's buttons will become unresponsive, hard to press, or even stuck in place. This guide will cover replacing the entire circuit board for the buttons, reseating each button to ensure proper contact and operation of each button.

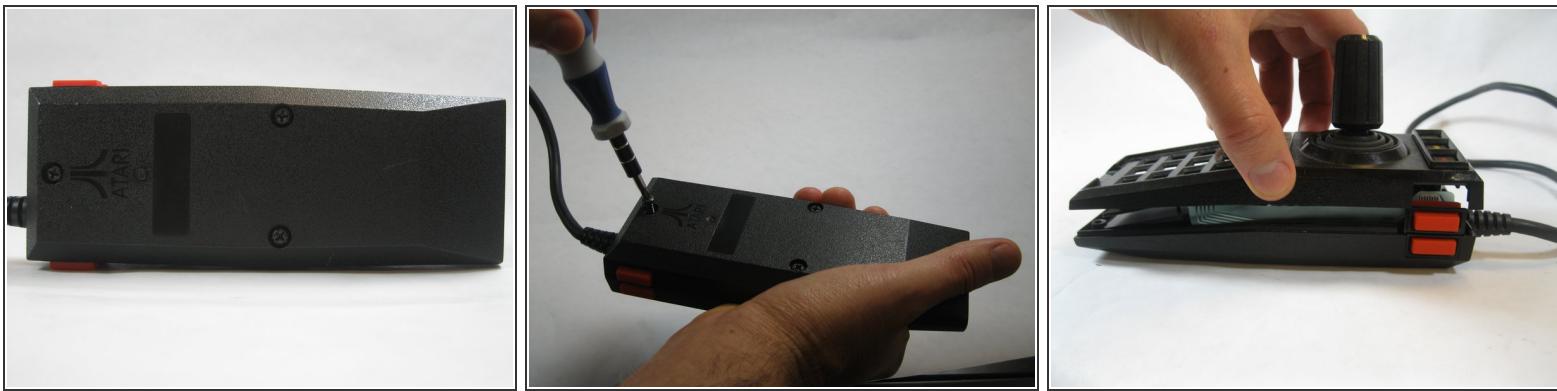
TOOLS:

- Phillips #0 Screwdriver (1)

PARTS:

- Atari 5200 Controller Flex Circuitry (1)

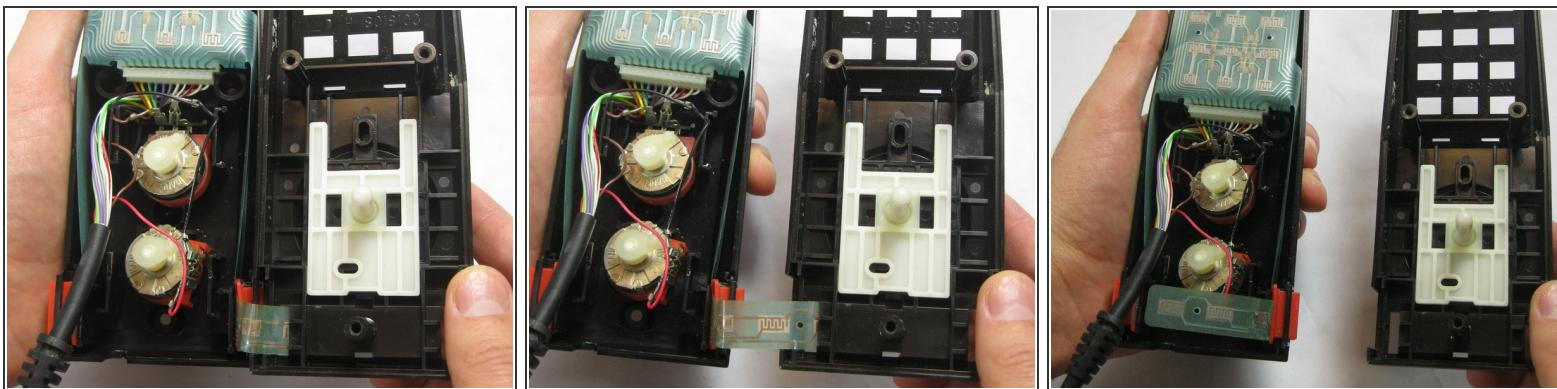
Step 1 — Opening up the controller



- Turn the controller over, exposing the three screws on the back. Use a 6mm screwdriver to remove these screws.
- Carefully slide and pull the two parts of the controller shell apart, exposing the innards.

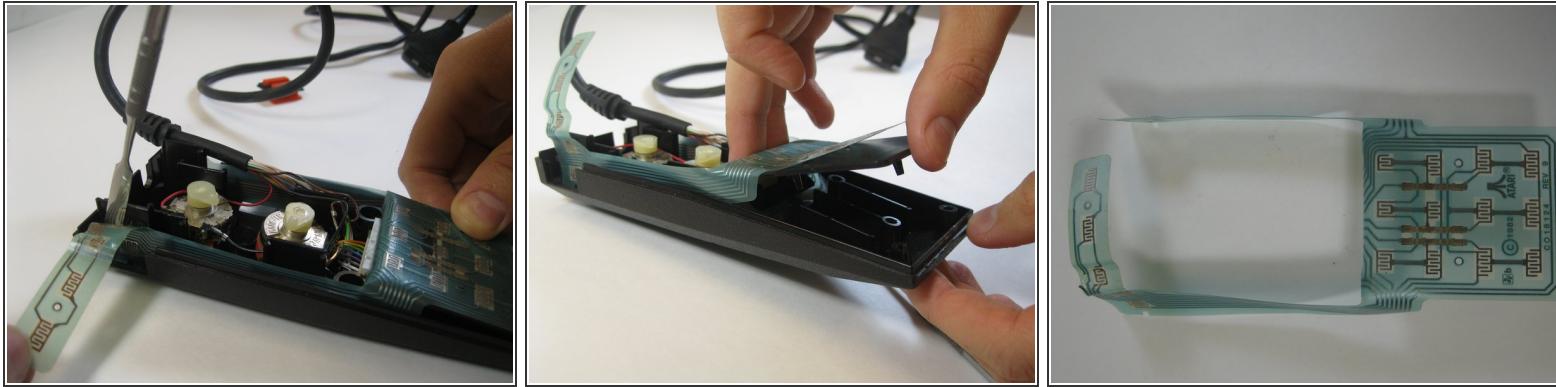
⚠ Try not to move the joystick when reassembling. This will almost assuredly break your alignment. The less the joystick is moved, the easier it will be to realign the joystick to the pots.

Step 2 — Removing the Circuit Board



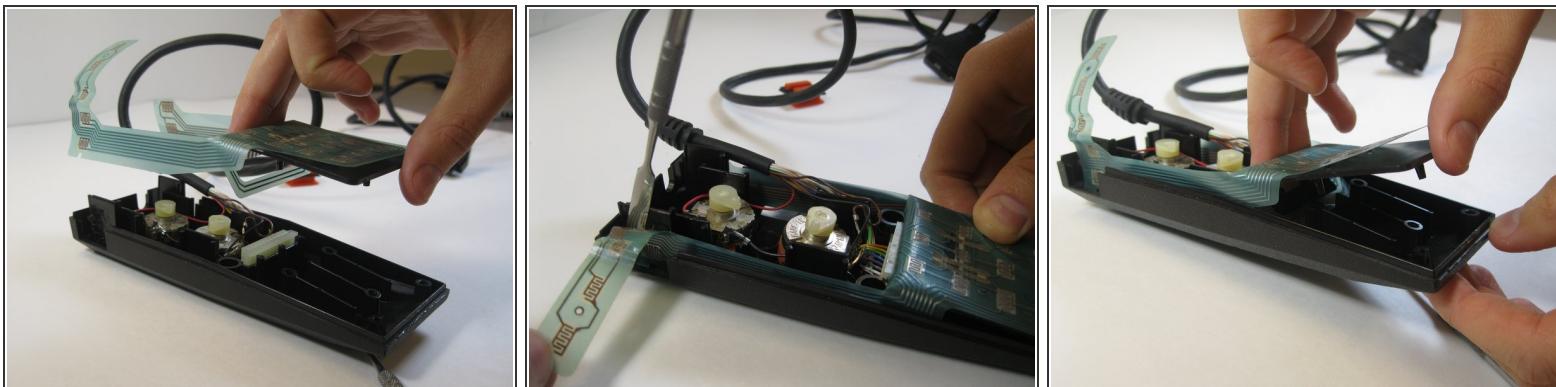
- Slide out the strip of the board connected to the controller's START, PAUSE, and RESET buttons.

Step 3



- Peel off the old circuit board.
- The buttons should fall out/be removable.
- Disconnect it from the wire connector.

Step 4 — Adding the new board



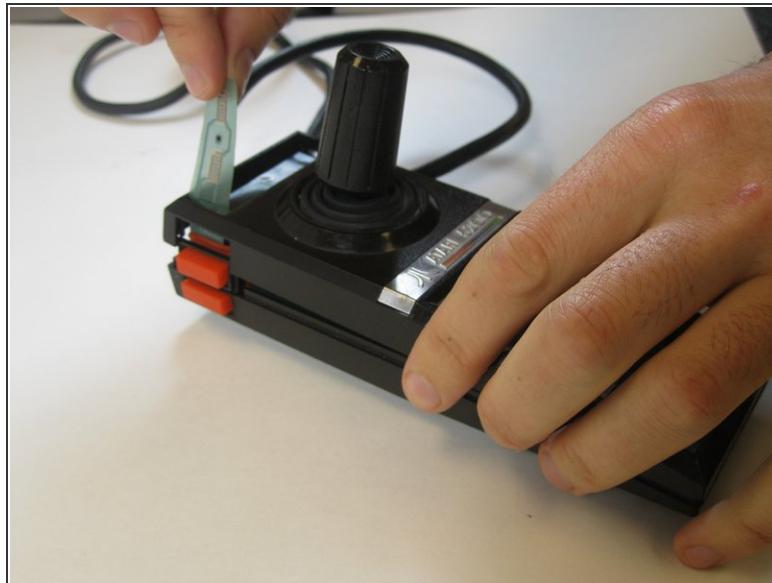
- Place the new circuit board where the old one was.
- Glue/tape it in places where the previous board was held.
- Connect it to the wire connector.

Step 5 — Reassembly Part 1



- Use a spudger to remove the top frame.
- Take off the plate.
- Remove the rubber buttons.

Step 6 — Reassembly Part 2



- Pull the circuit strip through the new space.
- Realign the top and bottom of the controller.

Step 7



- Return the buttons to the top of the controller.
- Snap the frame back into place.
- Screw the Screws