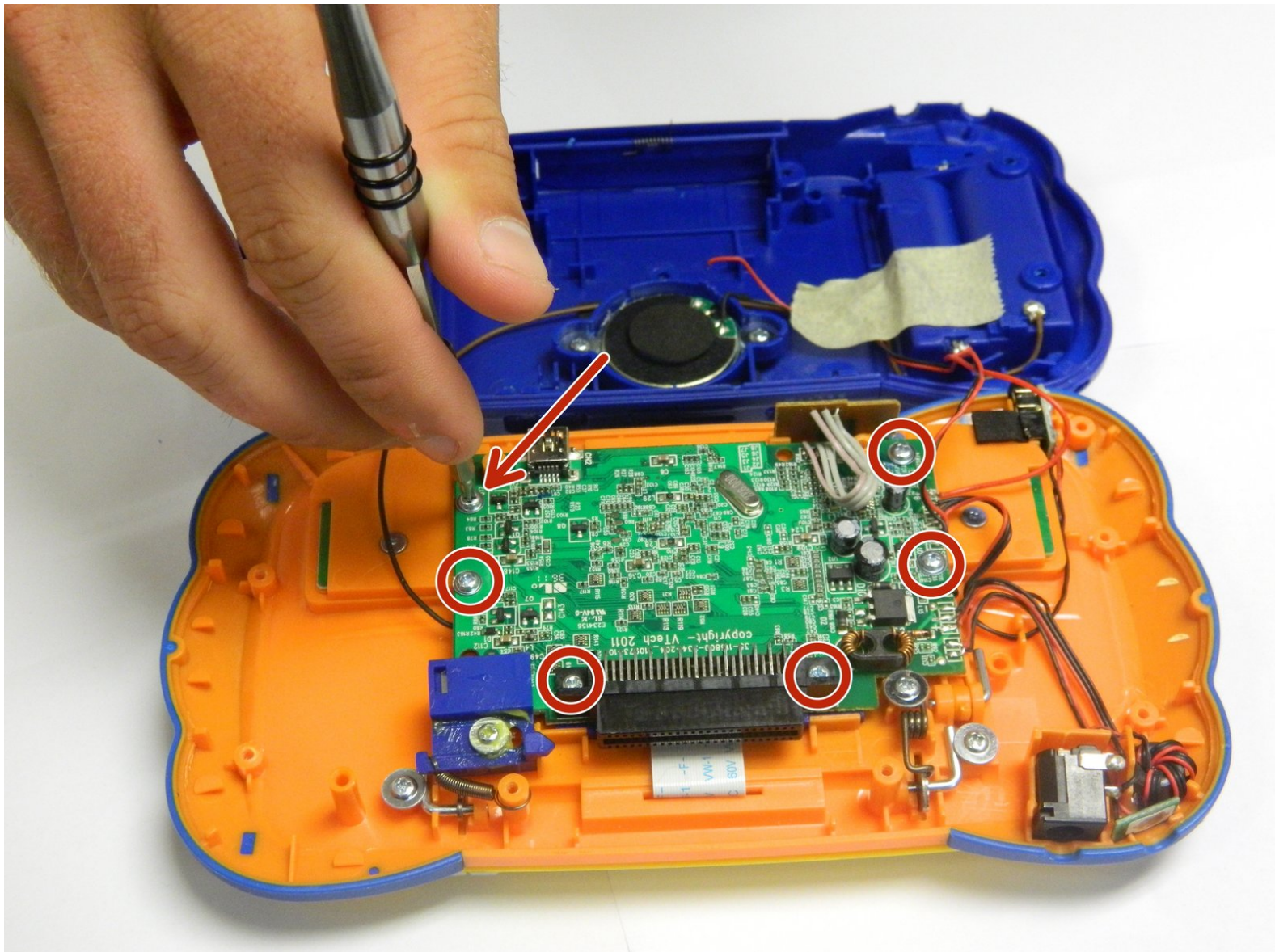![iFixit logo]

Disassembling VTech MobiGo Touch Learning System Keyboard

This is a short guide to disassemble the VTech MobiGo Touch Learning System Keyboard.

Written By: RBansil

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INTRODUCTION

This is a step by step guide to show how to replace the keyboard. Prior to this guide, you will need to refer to the Disassembling guide for the case.

🔧 TOOLS:

- Screwdriver (1)
- Solder Vacuum (1)
- Soldering Iron (1)
- Magnetic Project Mat (1)
- Metal Spudger (1)
- iFixit Opening Tools (1)

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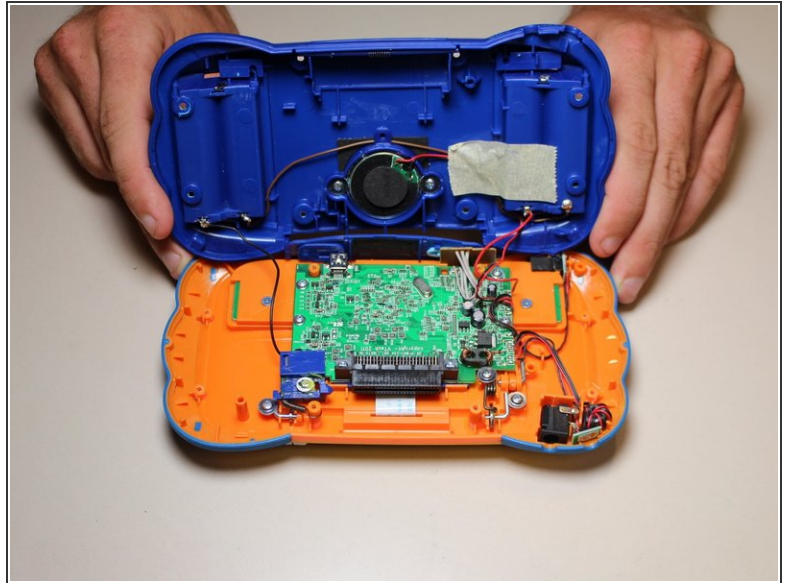
Step 1 — Case

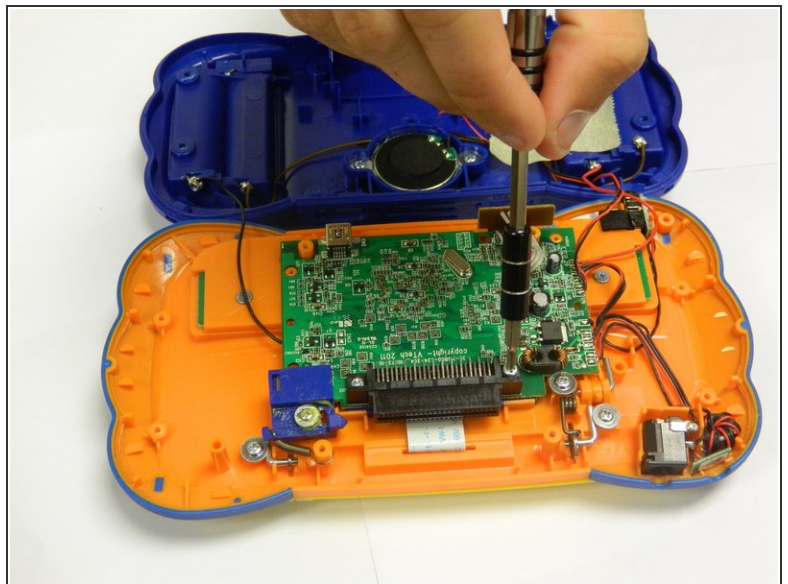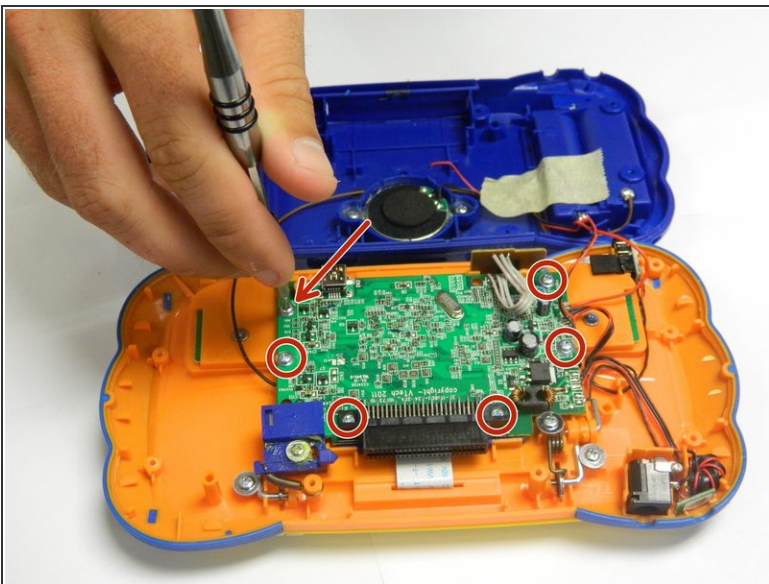- Remove the battery covers and the four batteries.

Step 2

- Remove the four plastic caps with a metal spudger to expose the 6.0 mm Philips JIS #0 case screws.
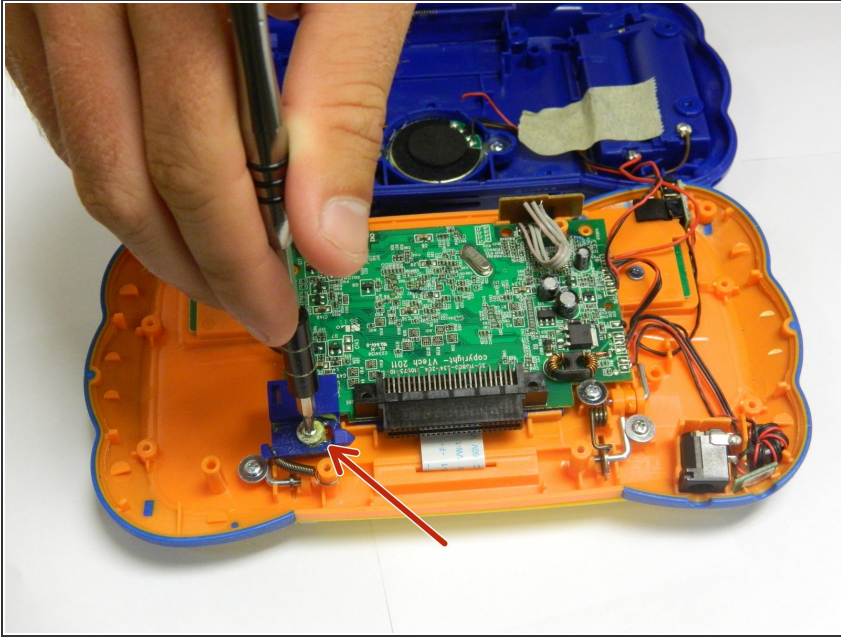
- Remove the eight 6.0 mm JIS #0 case screws.

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Step 3

- Using a plastic opening tool, separate the two pieces of the case carefully.

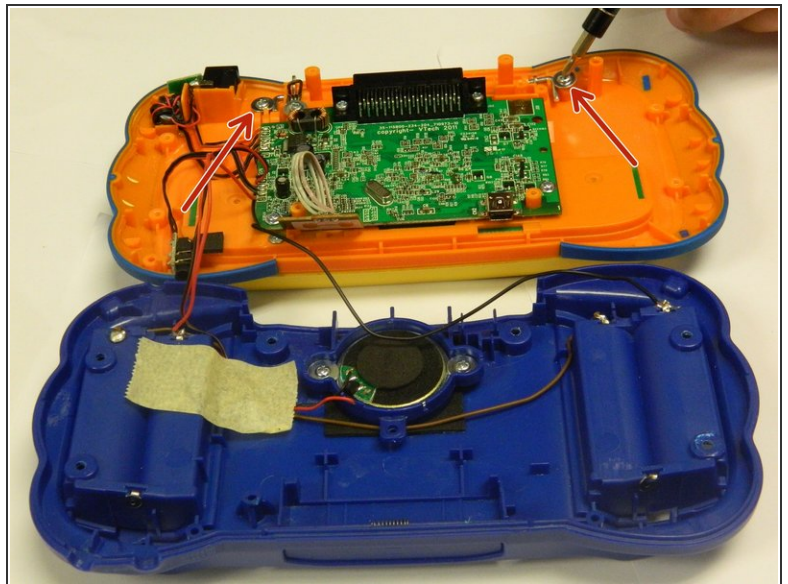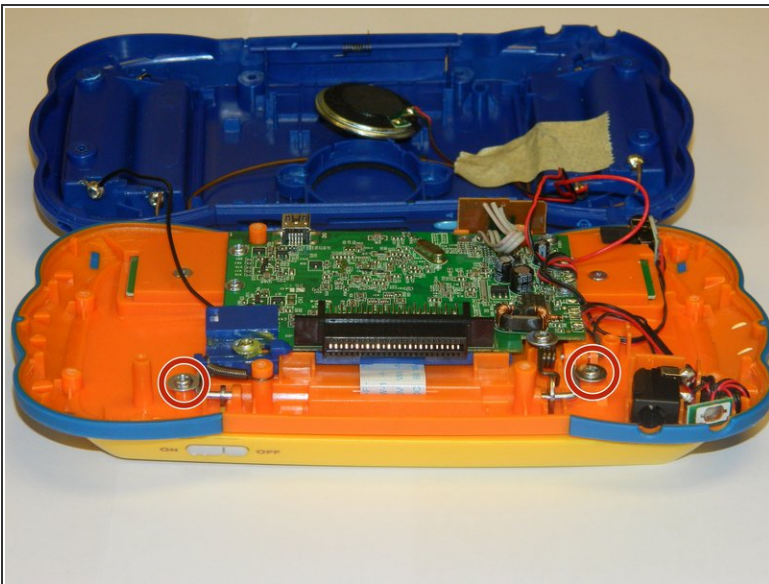## Step 4 — Disassembling VTech MobiGo Touch Learning System Keyboard

- Remove the six 6.5 mm Philips J0 screws that are connected to the circuit board.
- ⚠ Use light pressure to prevent damage to the circuit board.

Step 5

- Remove the 9.0 mm Philips J0 screw from the blue plastic cover.

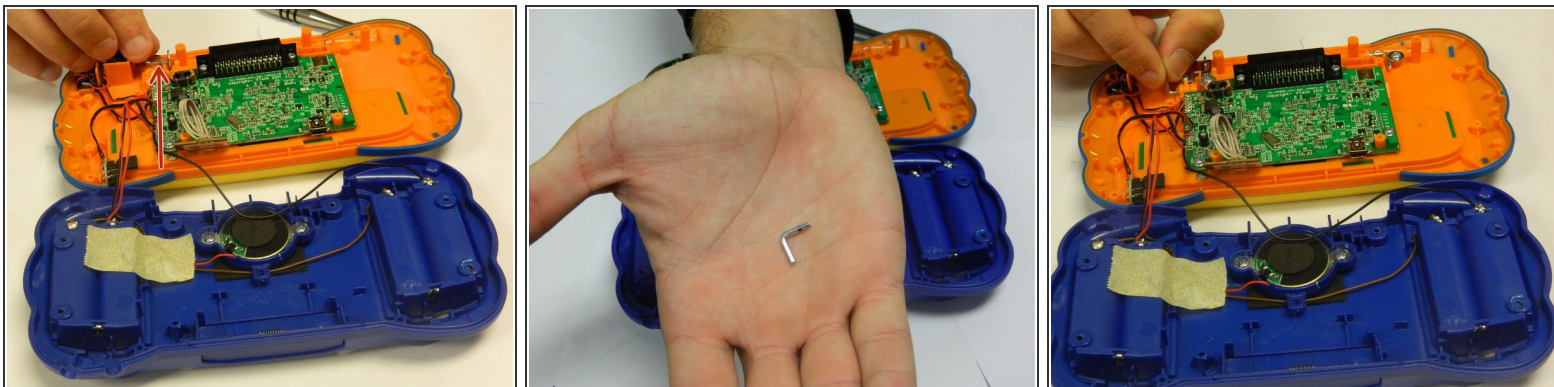- Once the screw is removed, remove the blue plastic cover.

Step 6

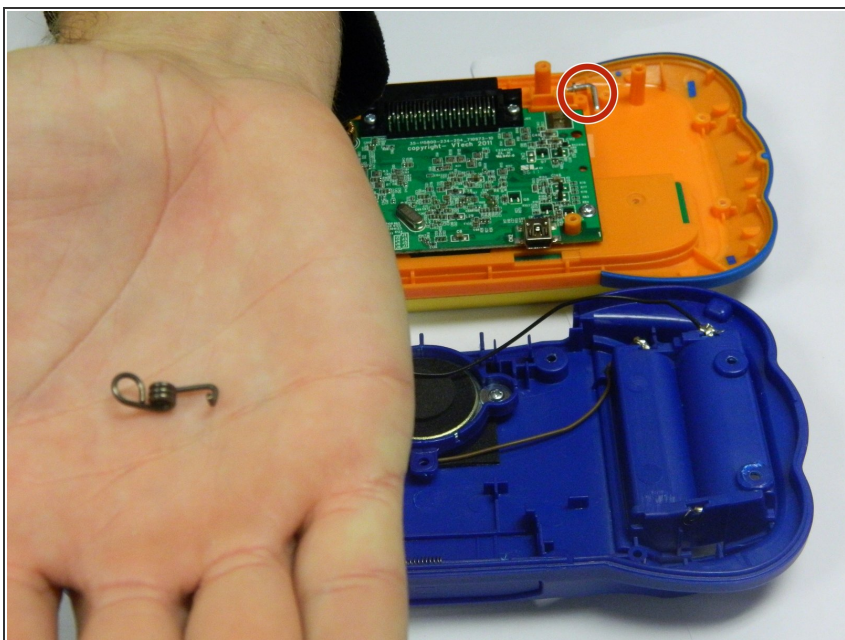- Remove the two 4.0 mm Philips J0 screws located on the orange case.

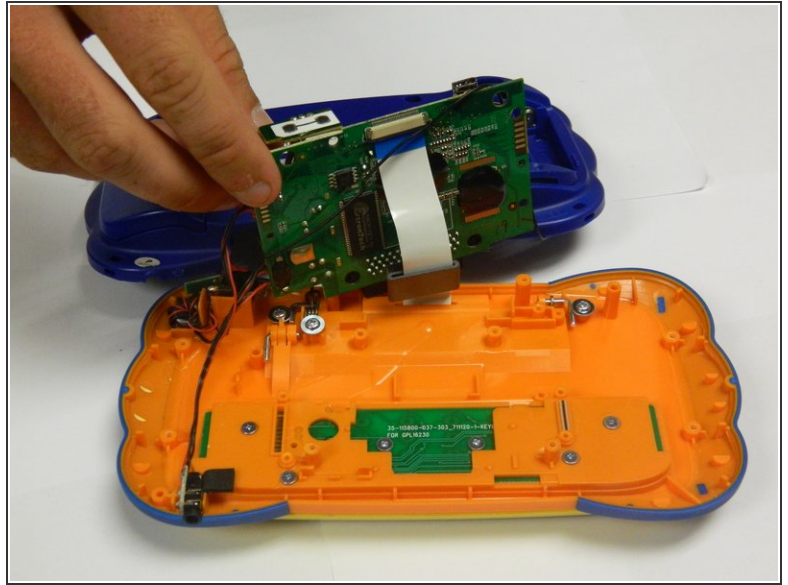 ⚠ Use gentle force to prevent stripping of screws.
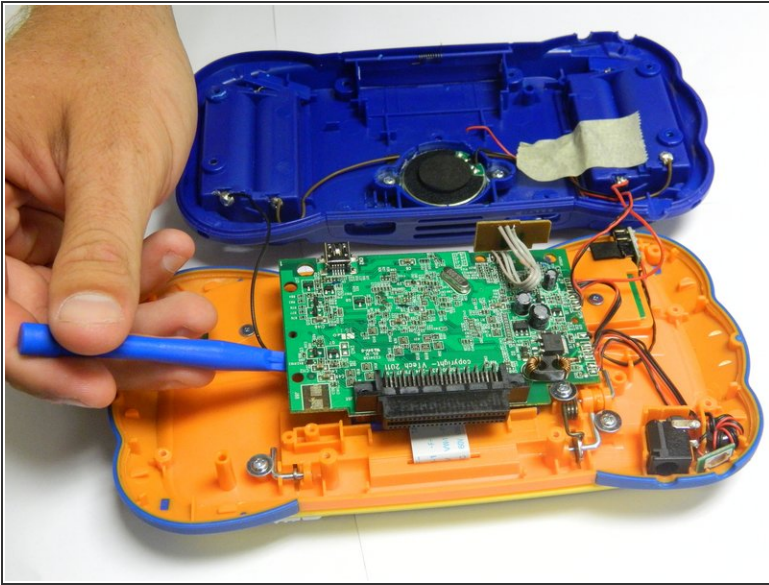
Step 7

- Remove the two "L" shaped brackets located on both sides of the device.

  - (i) Use the magnetic mat to store these brackets.
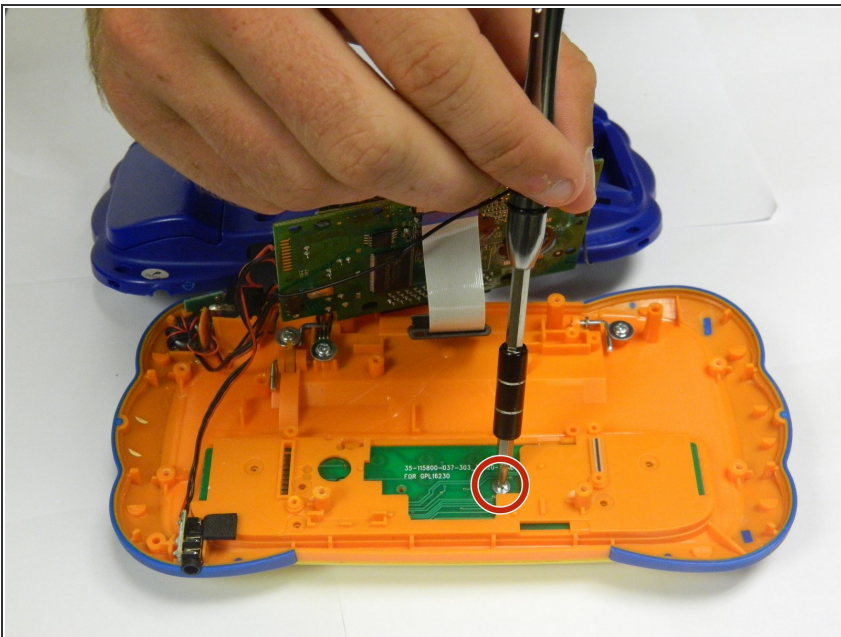
Step 8

- Locate the spring that was connected to the "L" shaped bracket and **<u>slowly</u>** remove it.

Step 9

- Gently lift the circuit board from the case using a plastic opening tool.
  - ⓘ Make sure to use a plastic opening tool for this step.

Step 10

- Remove the 3.5 mm Philips J0 screw located underneath the circuit board.
  - ⚠ Keep the circuit board out of the way to avoid damaging it.

Step 11

- Slowly remove the keyboard panel.
  - (i) Use a spudger if necessary.
- (i) The keys will fall out once the keyboard panel is removed.
- Remove all of the keys and set them aside with the keyboard panel.

Step 12

- Gently remove the keyboard circuit board with a plastic opening tool.

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

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