VTech InnoTab 2s Power Connector Replacement

These steps walk through the removal of the power connector on a VTech InnoTab 2s.

Written By: Esthevan Romeiro

INTRODUCTION

This guide demonstrates how to remove and replace a VTech InnoTab 2s power connector in order to preserve the function of the device.

🔧 TOOLS:

- JIS Driver Set (1)
- iFixit Opening Tools (1)
- Metal Spudger (1)
- Spudger (1)
- Soldering Iron (1)

This document was generated on 2020-11-28 05:26:42 AM (MST).

www.iFixit.com

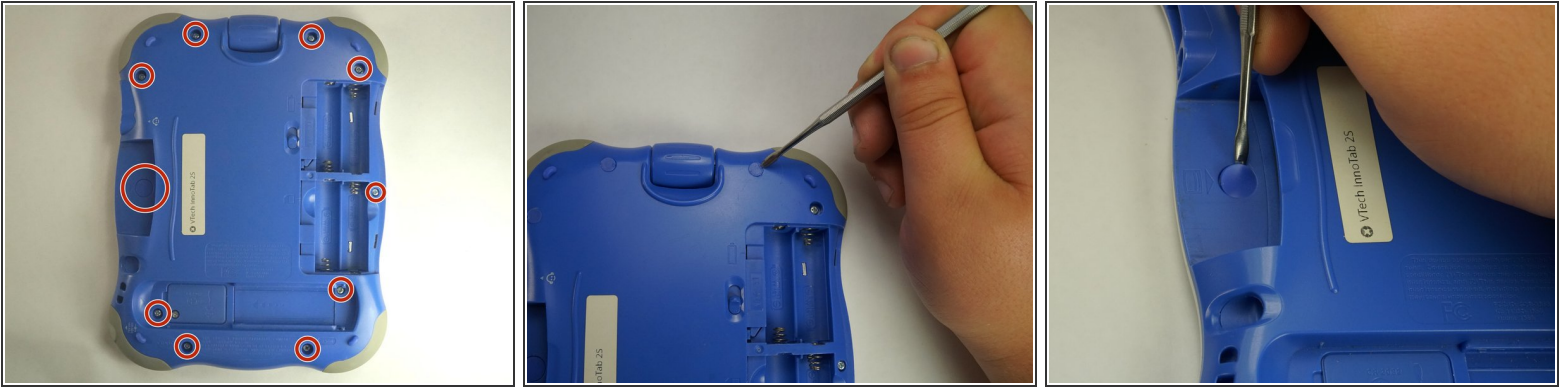## Step 1 — Back Panel

- Turn your device to where the back panel is facing you.
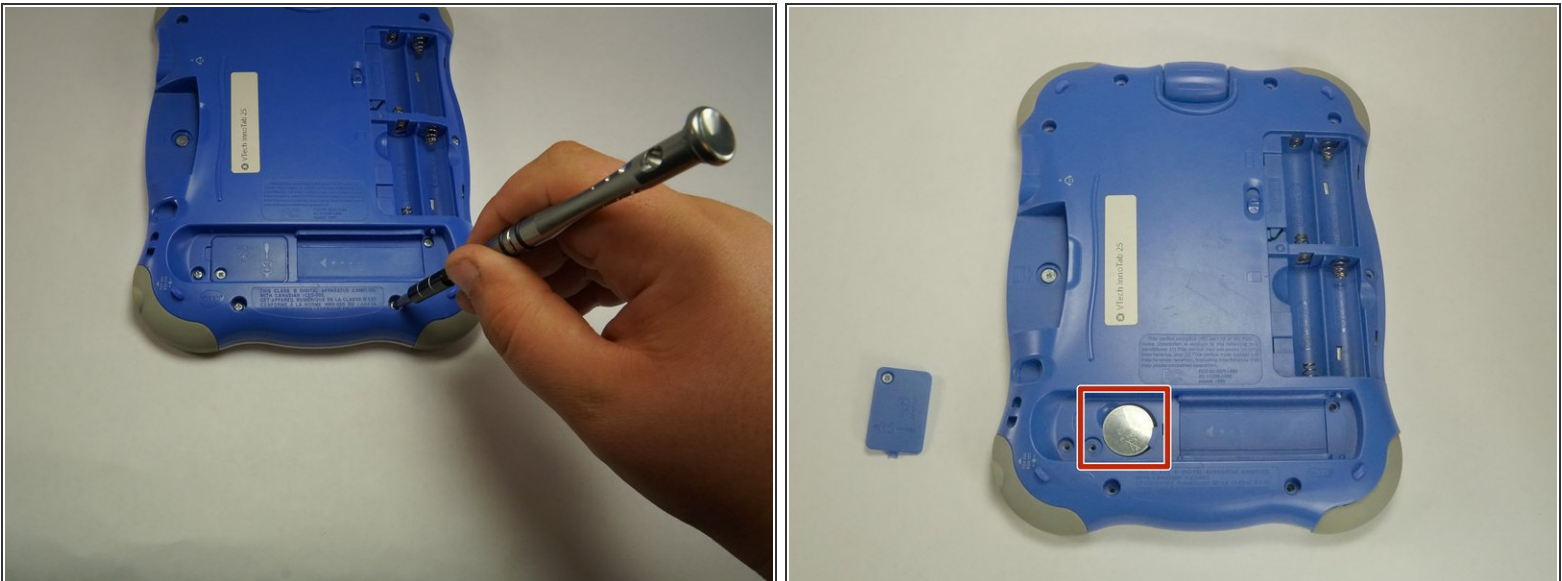
Step 2

- Lift the Leg all the way up and twist the bottom to remove.
  - Once the bottom part pops out the whole leg should just come off.
  - Remove any game cartridge from the device.

This document was generated on 2020-11-28 05:26:42 AM (MST).

Step 3

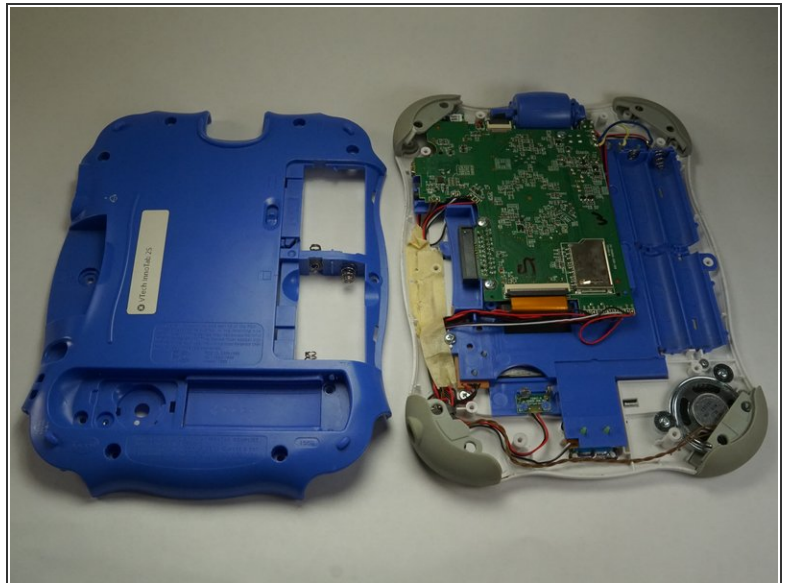

- Remove all of the plastic tabs on the device. These are covering screws that will need to be removed.

  ⚠ These covers are made of hard plastic so they may be difficult to remove.

- There is a special tab in the cartridge cover that is made of rubber, make sure to not break this tab.
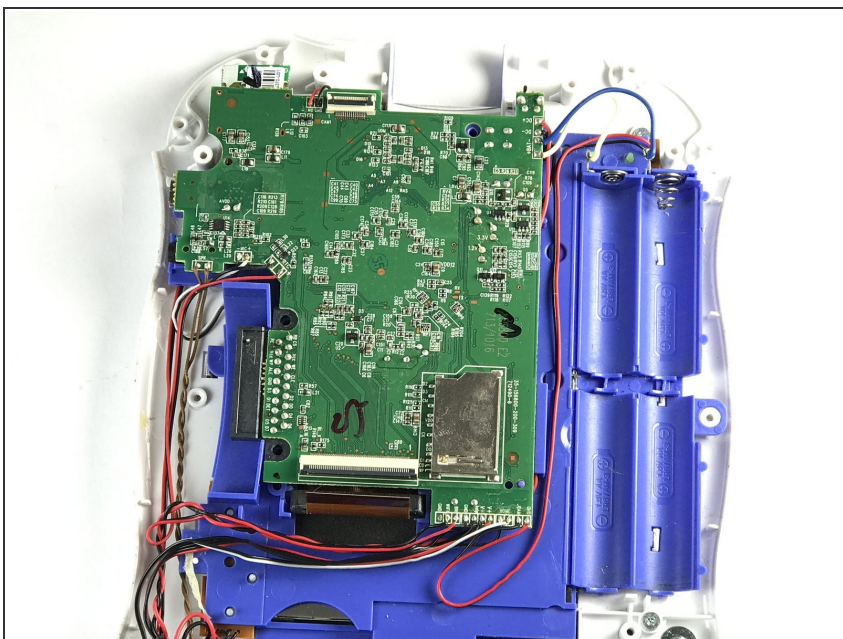
Step 4

- Remove all nine screws from the back of the device using a J0 bit.
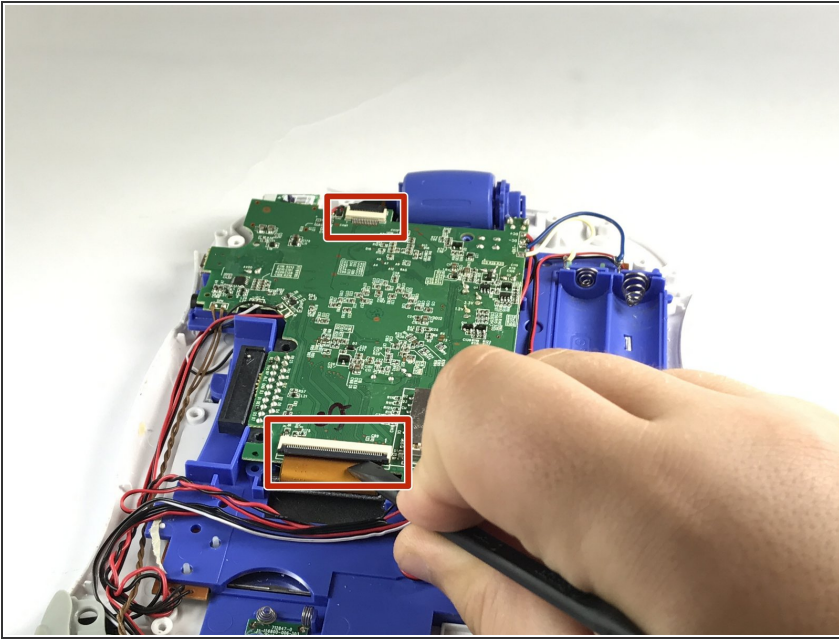
- Remove the small battery.

Step 5

- Using a plastic opening tool, detach the backplate from the front piece.

  ⚠️ Do not use excessive force. Double check that you removed all the screws if the panel is not coming off easily.

- Once the backplate has been removed, you will have access to the circuit board.

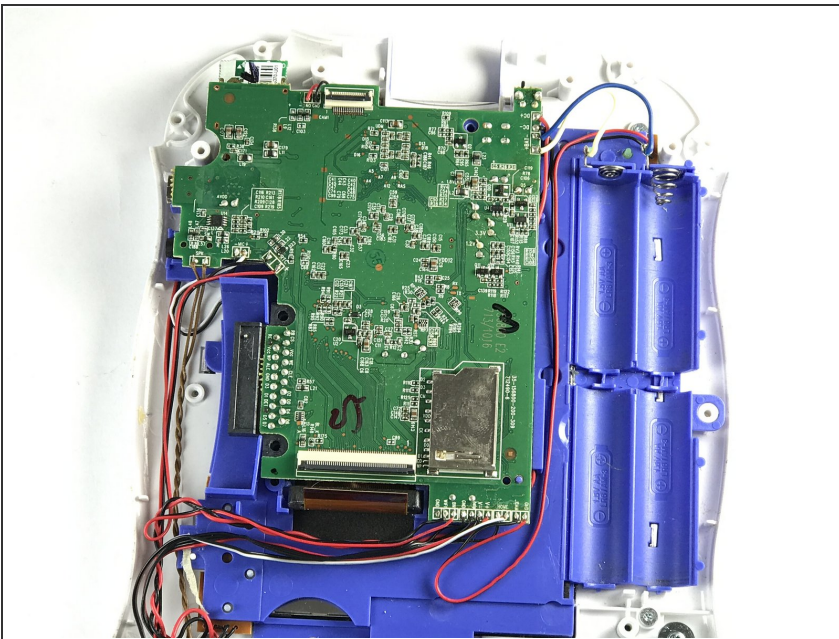## Step 6 — Motherboard

- First begin by removing the three cross-head screws using a J0 bit.
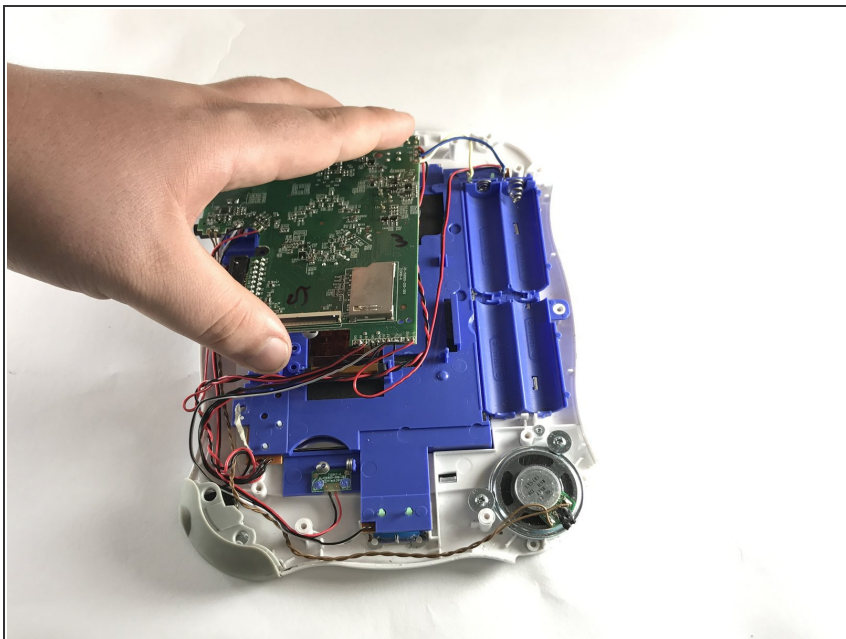

Step 7

- First remove the ribbon cables. There are two highlighted by the red squares
  - Do not apply too much pressure and make sure that the black plastic tabs are fully open before you pull the cable out.
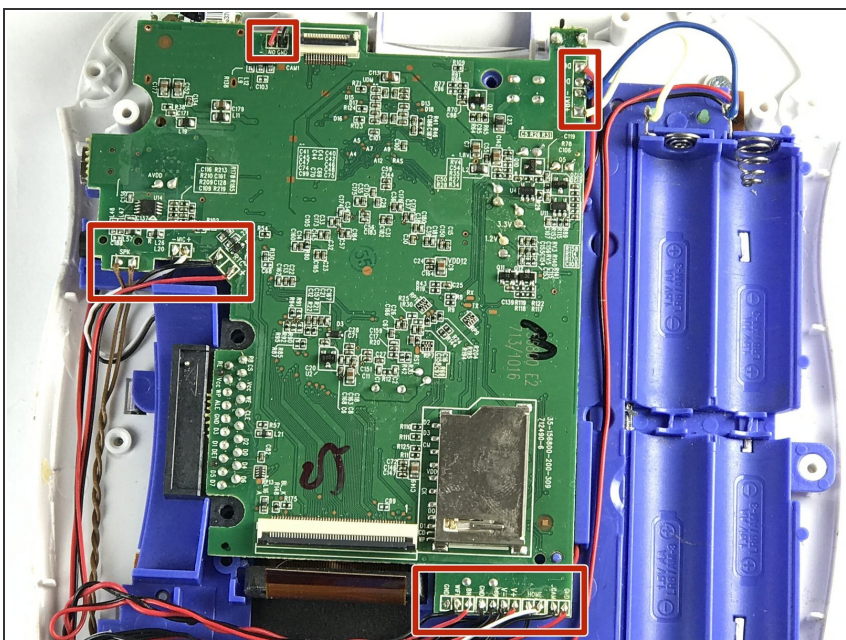
Step 8

- Remove the camera from the assembly and put is a safe place so that it will not get damaged.
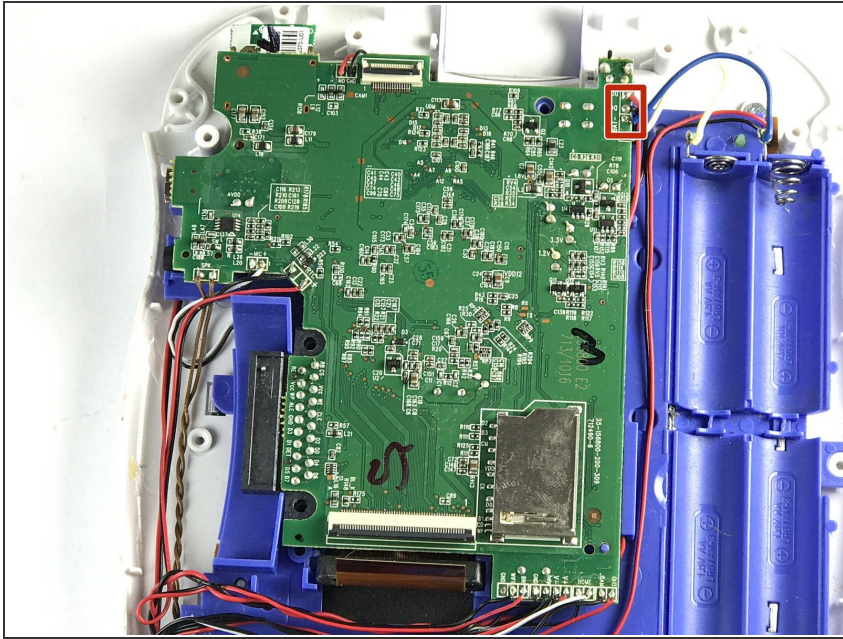
www.iFixit.com

Step 9

- Remove the board from the main assembly.
  - Be careful not to pull too hard so that the cables aren't broken.
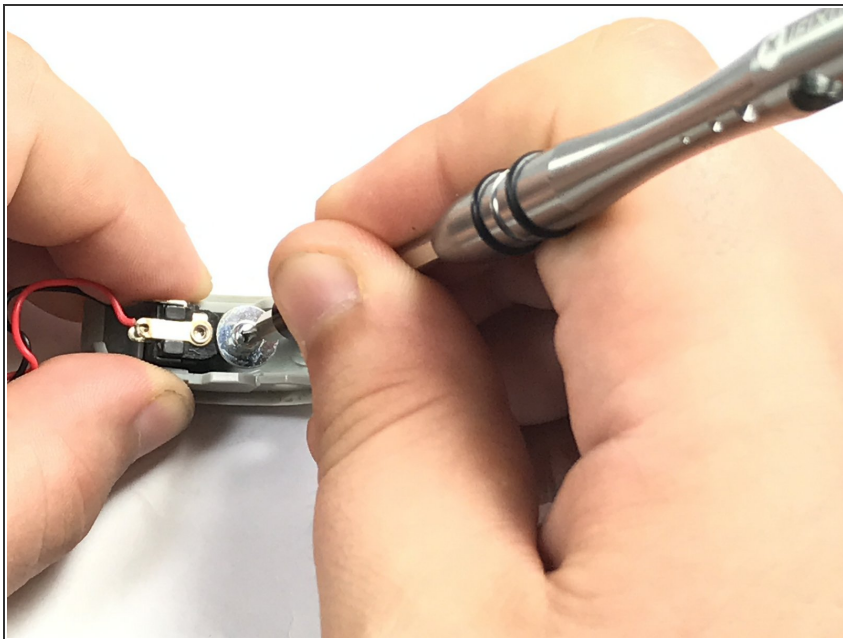
Step 10

- De-solder the points shown to fully remove the cables and free the board.
  - (i) A soldering guide offered by IFIXIT can be found here [Soldering Skills](#).

This document was generated on 2020-11-28 05:26:42 AM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 7 of 8

Step 11 — Power Connector

- Use a soldering tool to desolder the two highlighted points.
  - (i) A soldering guide offered by IFIXIT can be found here: [Soldering Skills](#).

Step 12

- Use a screwdriver to remove the screw that is holding the power jack in place.

- Now you have access to remove and replace the power jack.

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

This document was generated on 2020-11-28 05:26:42 AM (MST).