



VTech InnoTab 2s Power Connector Replacement

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

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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)
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Step 1 — Back Panel



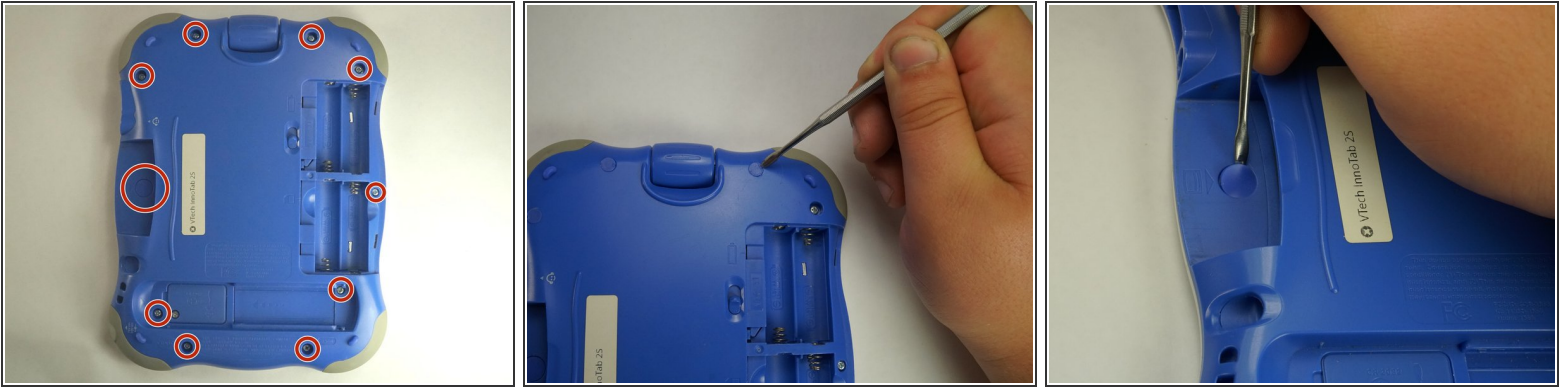
- Turn your device to where the back panel is facing you.

Step 2



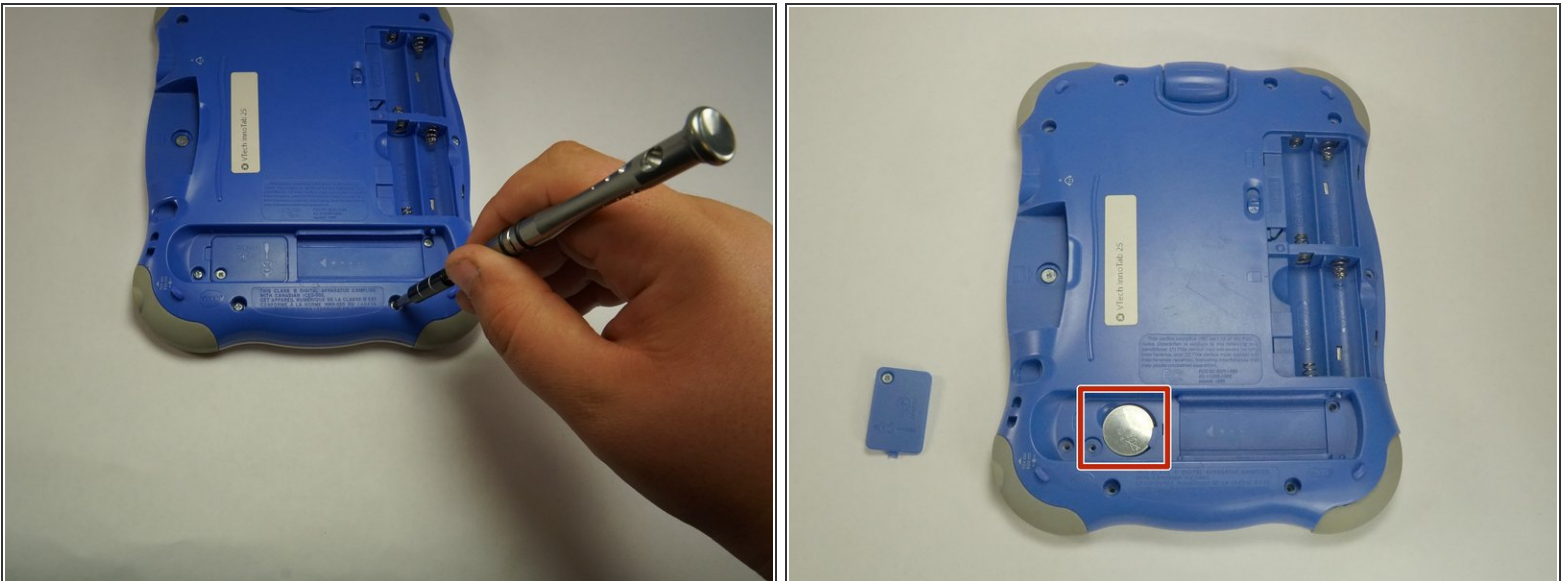
- Lift the Leg all the way up and twist the bottom to remove.
- Once the bottom part pops out the whole leg should just come off.
- Remove any game cartridge from the device.

Step 3



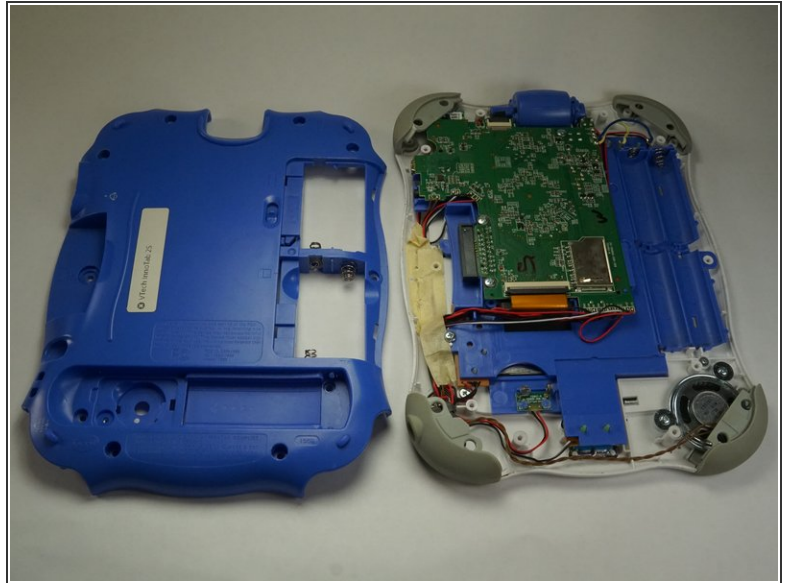
- Remove all of the plastic tabs on the device. These are covering screws that will need to be removed.
- ⚠ These covers are made of hard plastic so they may be difficult to remove.
- There is a special tab in the cartridge cover that is made of rubber, make sure to not break this tab.

Step 4



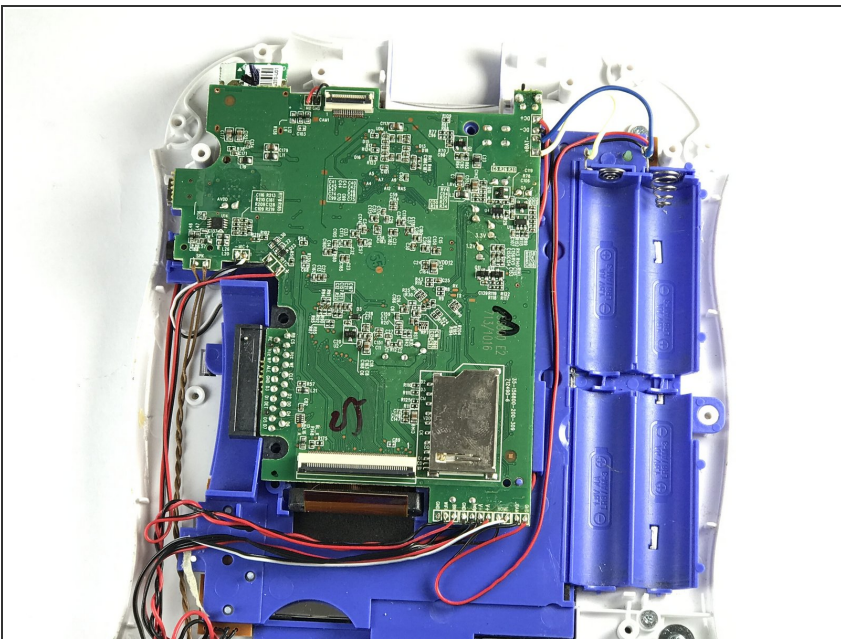
- Remove all nine screws from the back of the device using a J0 bit.
- Remove the small battery.

Step 5



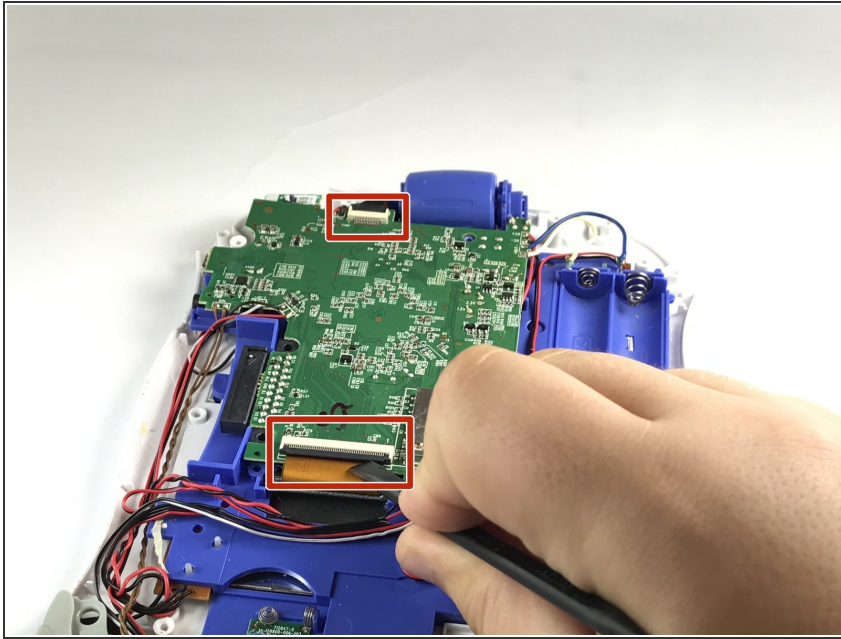
- Using a plastic opening tool, detach the backplate from the front piece.
 - ⚠ Do not use excessive force. Double check that you removed all the screws if the panel is not coming off easily.
- Once the backplate has been removed, you will have access to the circuit board.

Step 6 — Motherboard



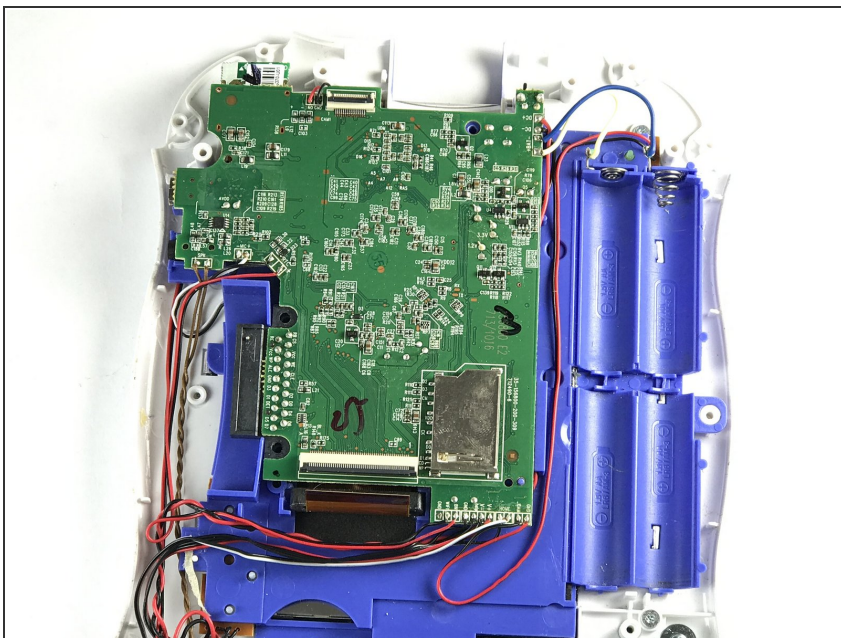
- First begin by removing the three cross-head screws using a J0 bit.

Step 7



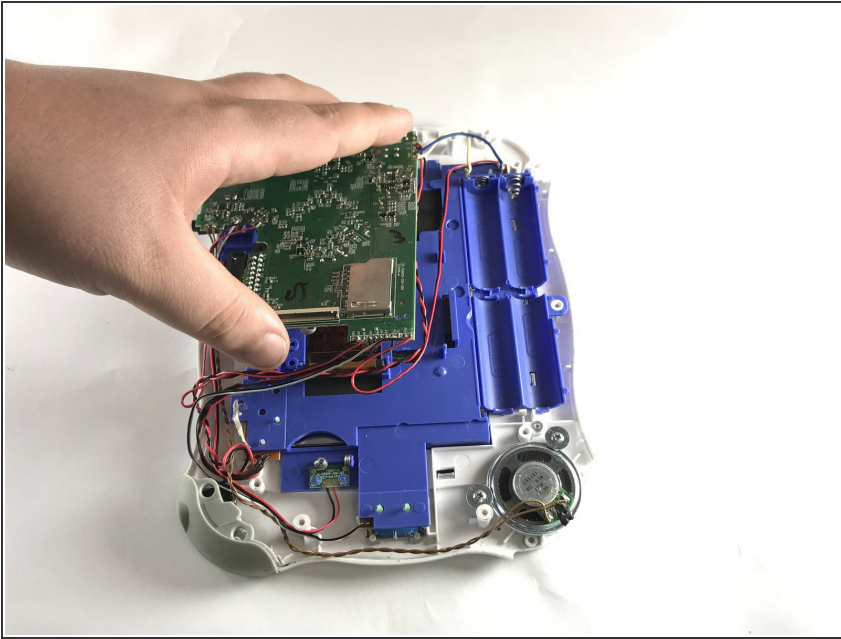
- First remove the ribbon cables. There are two highlighted by the red squares
- Do not apply too much pressure and make sure that the black plastic tabs are fully open before you pull the cable out.

Step 8



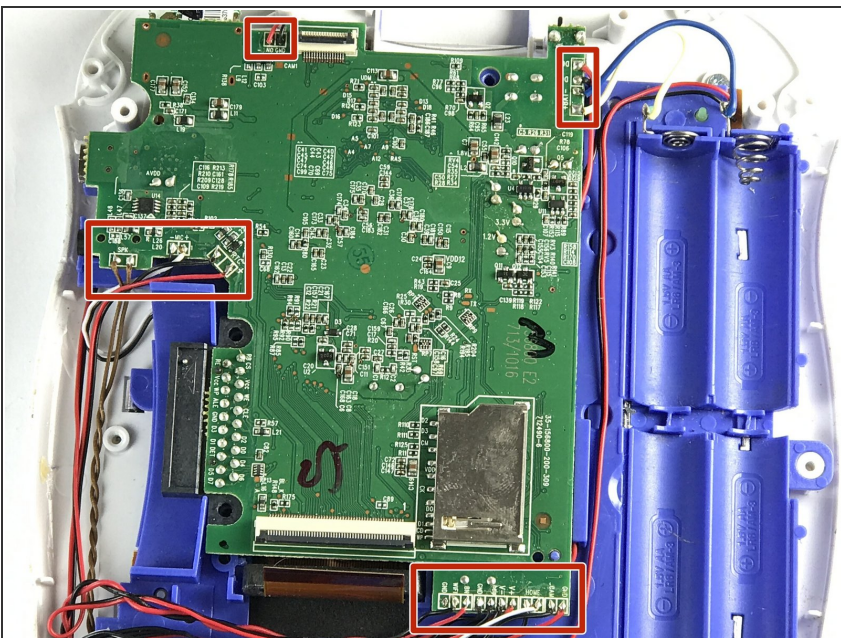
- Remove the camera from the assembly and put it in a safe place so that it will not get damaged.

Step 9



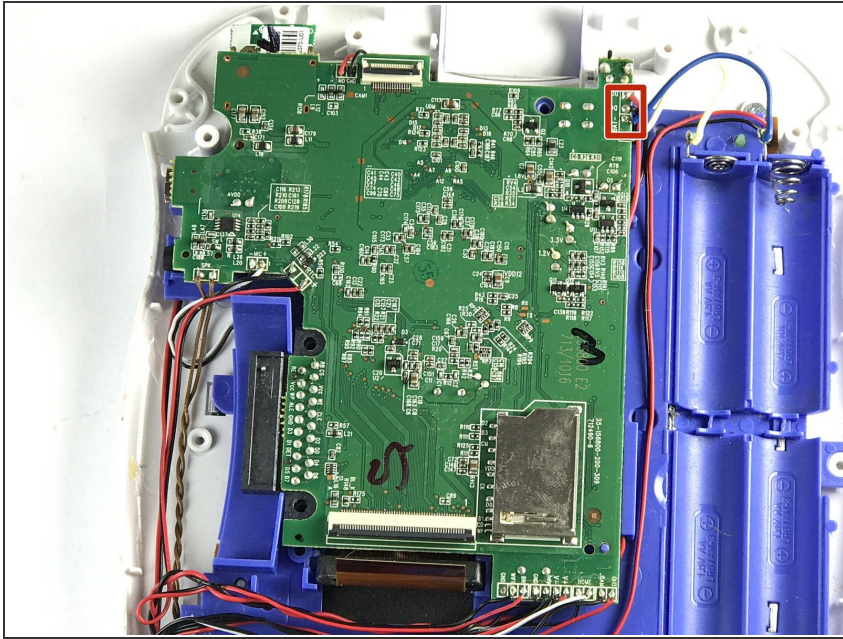
- Remove the board from the main assembly.
- Be careful not to pull too hard so that the cables aren't broken.

Step 10



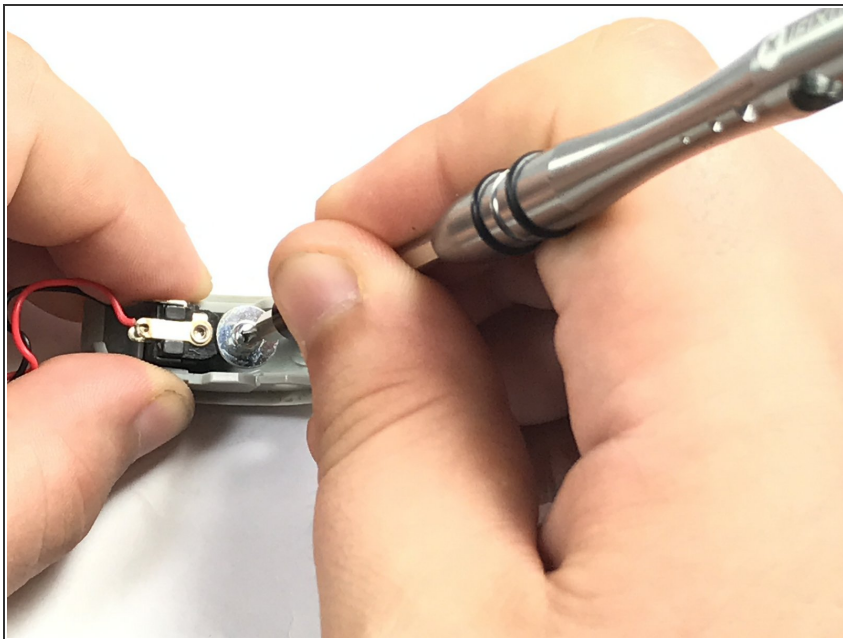
- De-solder the points shown to fully remove the cables and free the board.
- ① A soldering guide offered by IFIXIT can be found here [Soldering Skills](#).

Step 11 — Power Connector



- Use a soldering tool to desolder the two highlighted points.
- ⓘ 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.