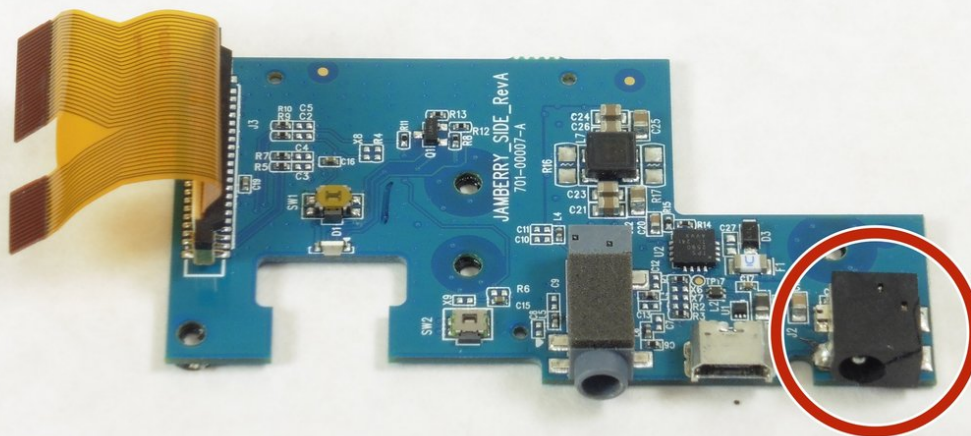# Jawbone Big Jambox Charge Port Replacement

This guide will walk you through the steps necessary to replace the charge port in your Jambox.

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INTRODUCTION

If the charge port in your Jambox has been lost or is not functioning properly, then these are the steps necessary for its replacement. This guide will require minimal soldering.

🔧 TOOLS:
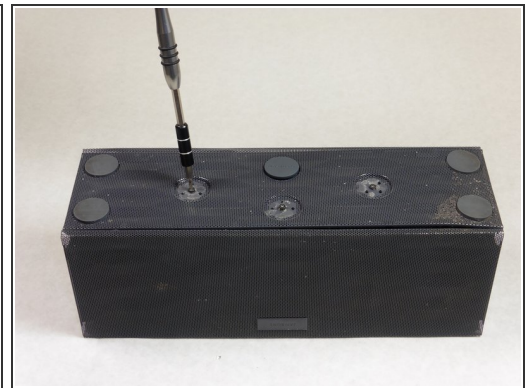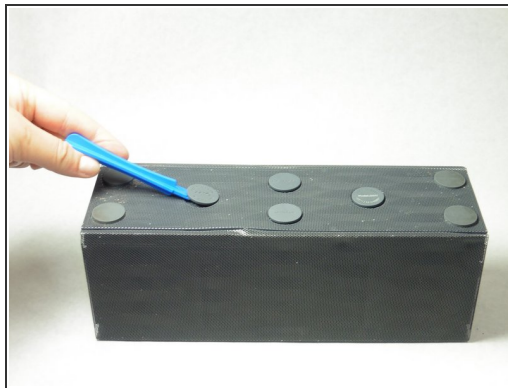
- iFixit Opening Tools (1)
- T6 Torx Screwdriver (1)
- Soldering Iron (1)

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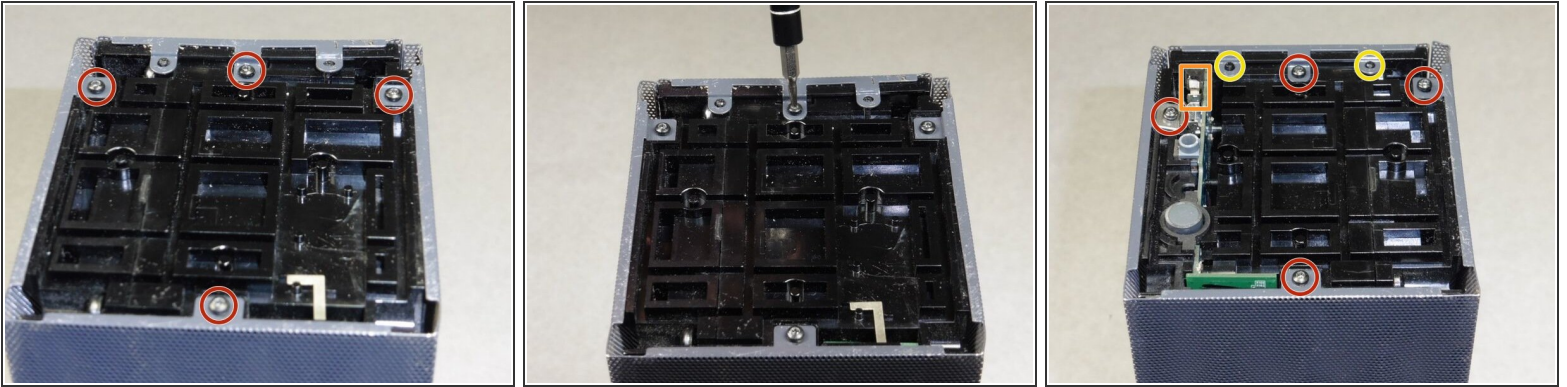
Step 1 — Outer Case
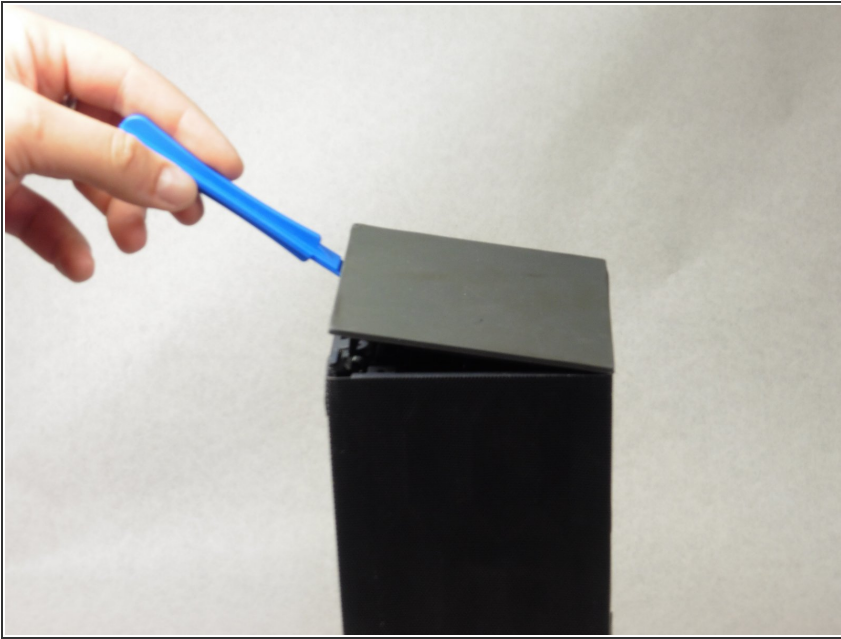
- Remove both end caps by putting a plastic opening tool in the center of the seam. Work around the edges to pry the end caps off completely.

- (i) Due to interior clips holding the end caps in place, use caution when applying force.

Step 2

- Turn the Jambox upside down. Peel the indicated rubber tabs off, using a plastic opening tool if necessary.

- (i) You may want to only take the tabs half way off to avoid re-gluing when reassembling.

- Remove the three T6, 7.0 mm screws under each rubber tab.

- ⊙ Because the screws are a different length, set the screws aside.

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Step 3

- With the Jawbone logo facing towards you and with correct orientation, place the Jambox with the left end cap facing upward.

- Unscrew indicated T6 9.7 mm screws.

- Gently loosen the tabs from their anchor points so the bottom may be removed.

- Flip the Jambox so the other end cap is facing up. The USB cable is on this side (metal grounding clip, indicated in orange). Repeat the above two steps.

Step 4
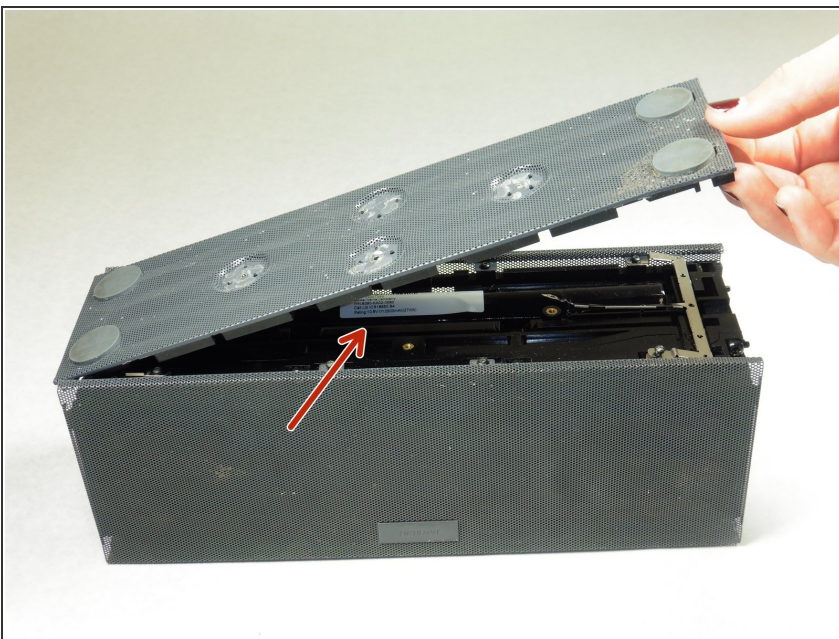
- Pry up the bottom panel by lifting from the device.

- Pull the bottom up. This may take a bit of force as the bottom is glued to device.
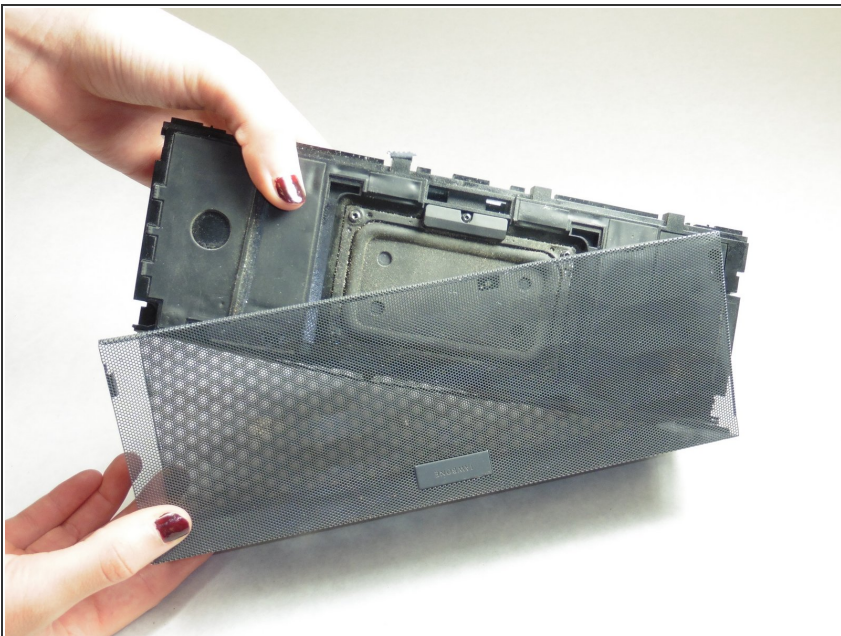
- Once removed, the battery will now be visible.

Step 5
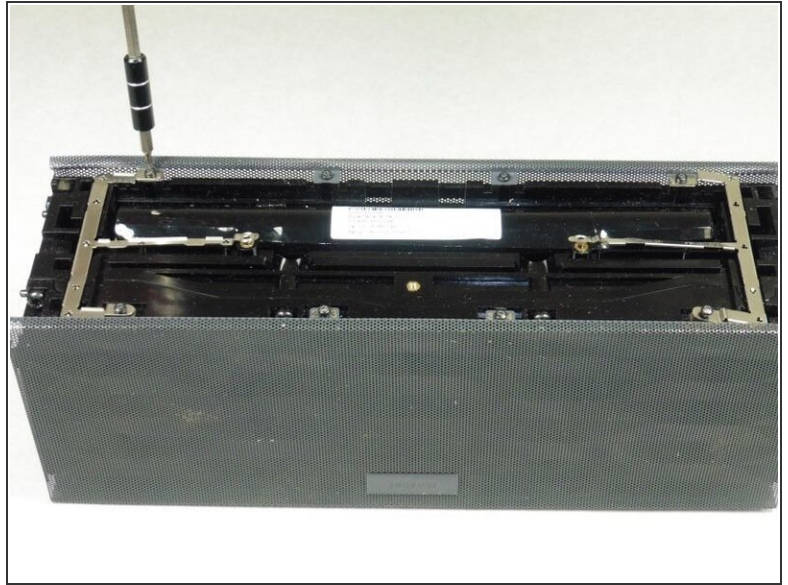
(i) Before unscrewing, take a picture of the top view. That way, when you're reassembling the device, you'll know the orientation of the metal grounding plates.
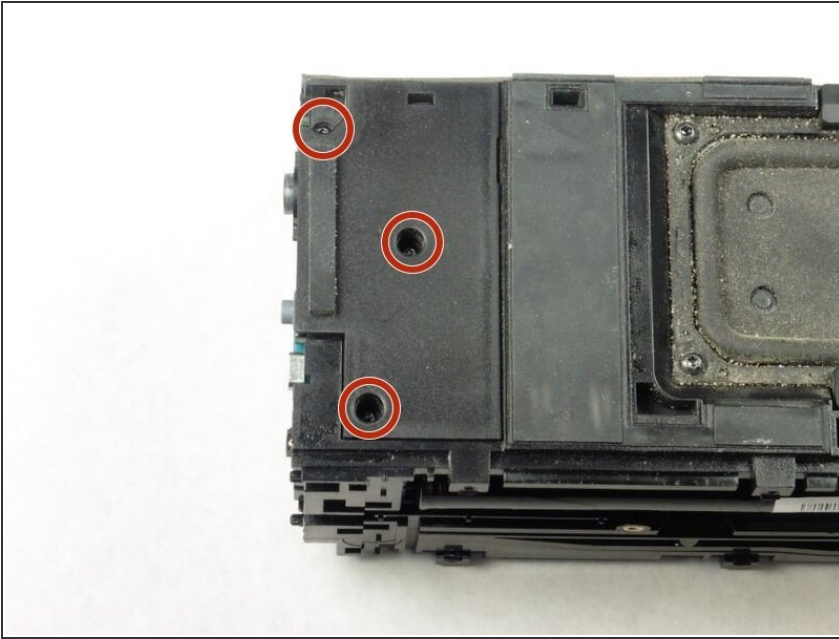
● Unscrew the eight indicated T6 9.8 mm screws. Remove metal grounding plates.
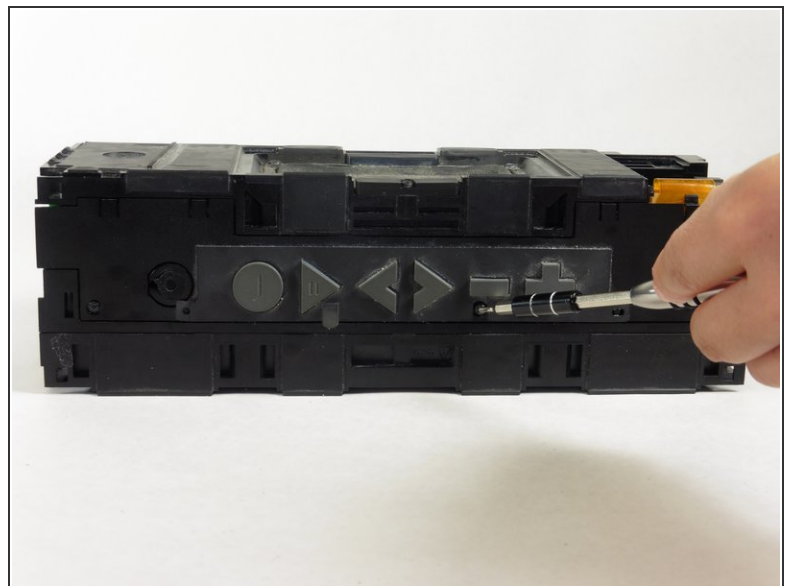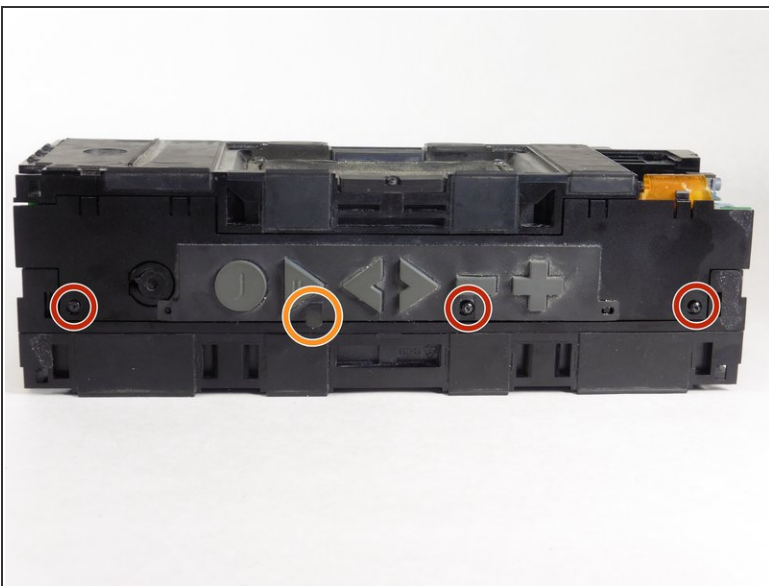
Step 6

● Once all eight screws are removed, pry the sides of the Jambox to lift the body from it's shell.

Step 7

- With the battery facing forward, remove the three indicated T6 9.5 mm screws.

- Once the screws are removed, lift up the small plastic plate, revealing the auxiliary board underneath.
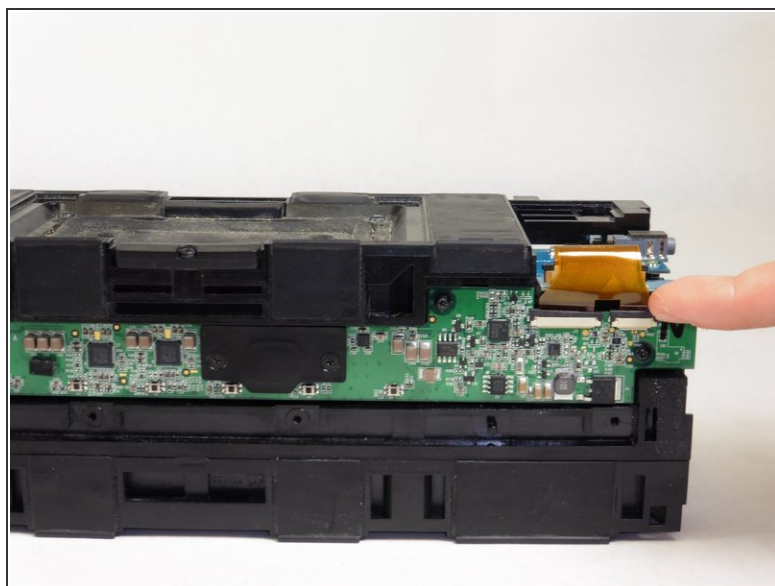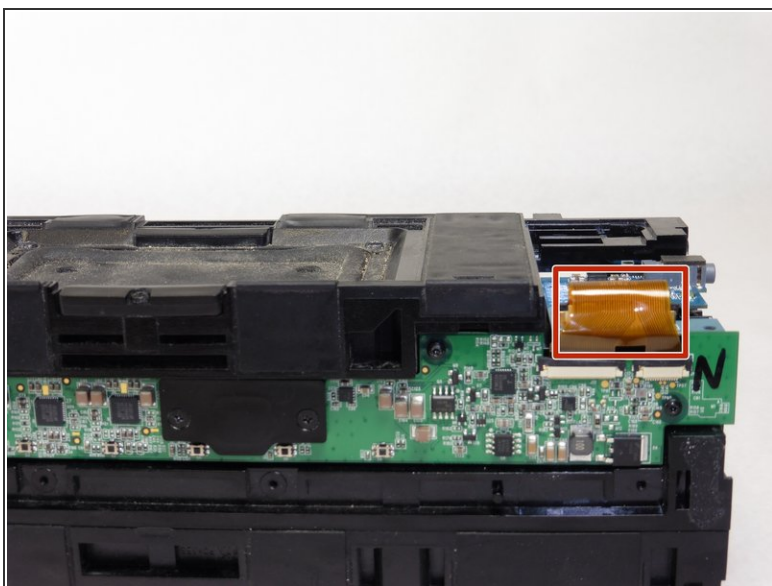
Step 8 — Button Panel

- Turn the Jambox so that the button panel is visible.

- Remove the indicated screws, T6 9.6 mm.

- ⓘ There is a small plastic flap obscuring the view of one of the screws, indicated in orange. In order to unscrew it, simply lift the flap out of the way.
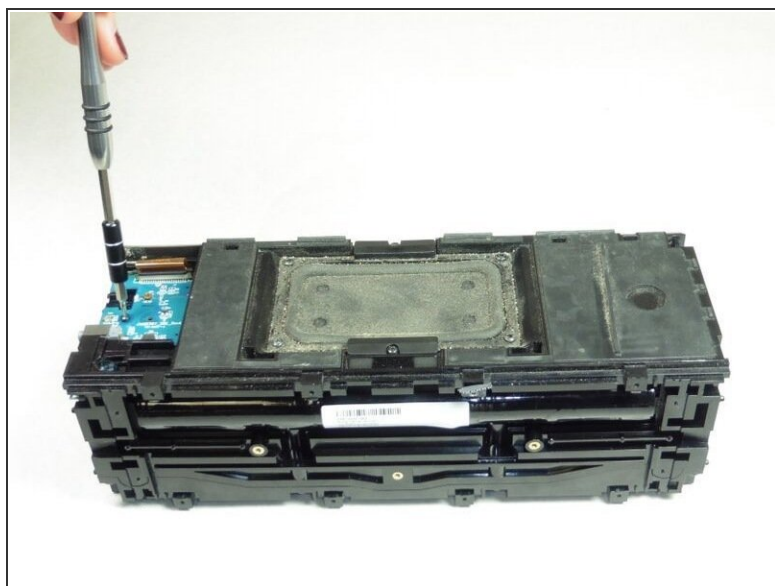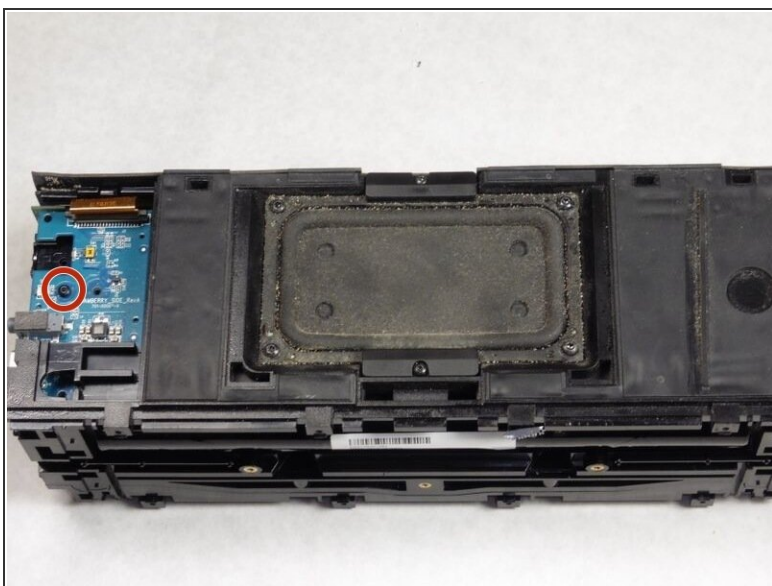
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Step 9
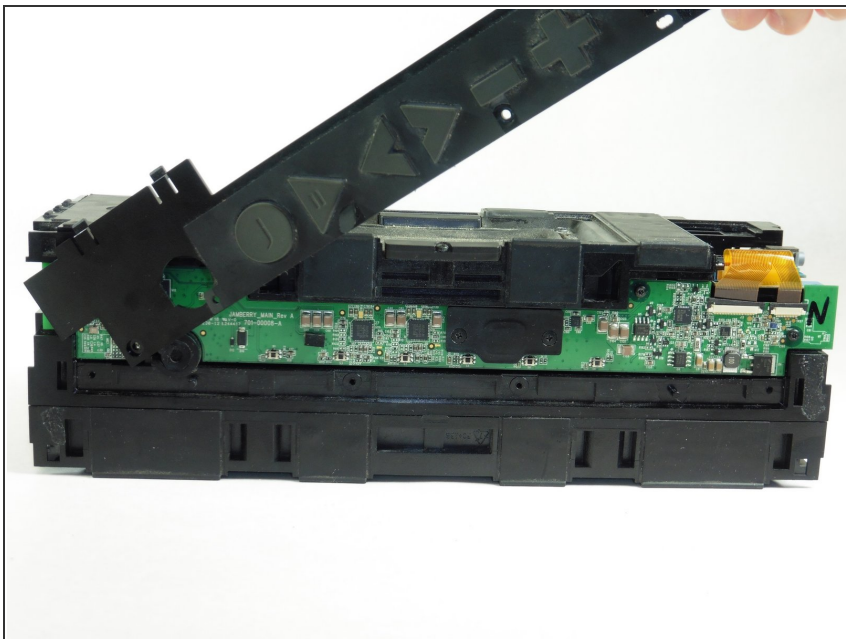
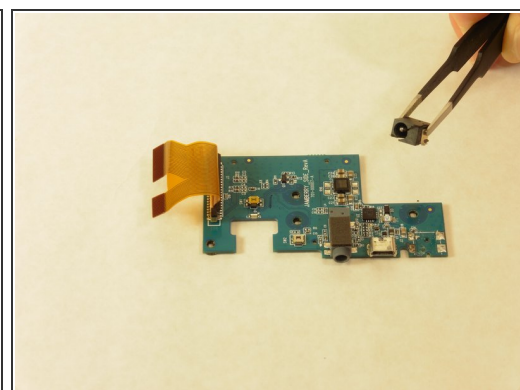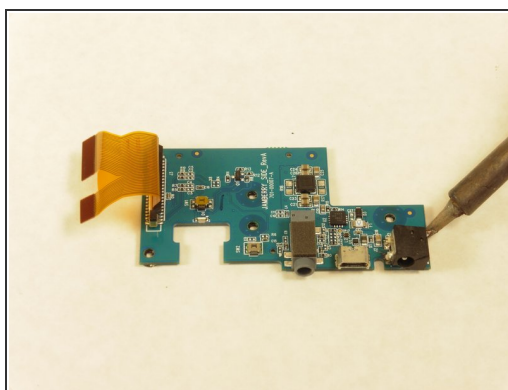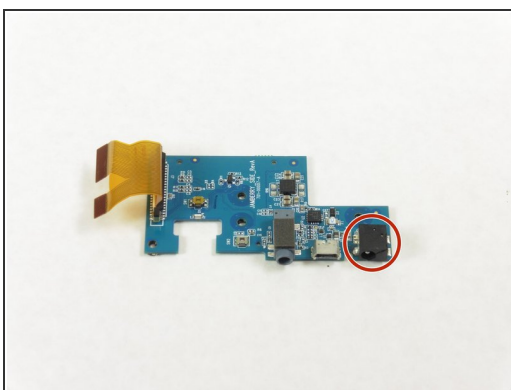- Pop off the button panel.

Step 10

- Remove the colored ribbon that connects the green button circuit board to the blue auxiliary board by using your finger to lift the small black tabs that clamp down the ribbon.

Step 11 — Charge Port

- Remove the indicated T6 7.4 mm screw holding the auxiliary board in place.

- Carefully lift the auxiliary board up and off to the side.
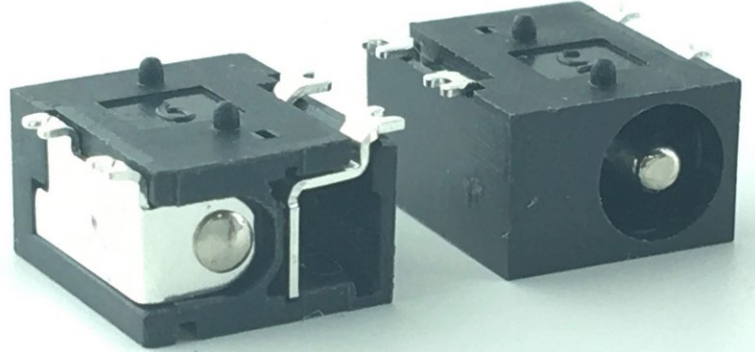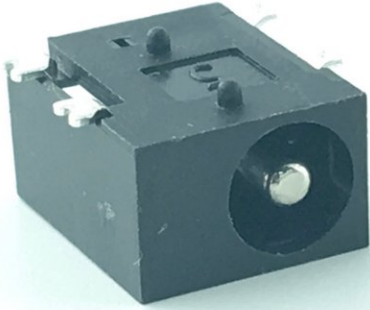
Step 12

- With the auxiliary board removed, use a soldering iron to heat the metal keeping the charge port (indicated on image) intact.

- Remove the charge port from the auxiliary board.

- ⚠ Exercise caution when handling the soldering iron due to extreme heat.

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Step 13 — Charger port part replacement info

- The new charge port will need to be soldered to the logic board. For an exact match use Digi-Key part number CP-018HPJCT-ND

Step 14 — Determine all 4 PCB contacts for charging post
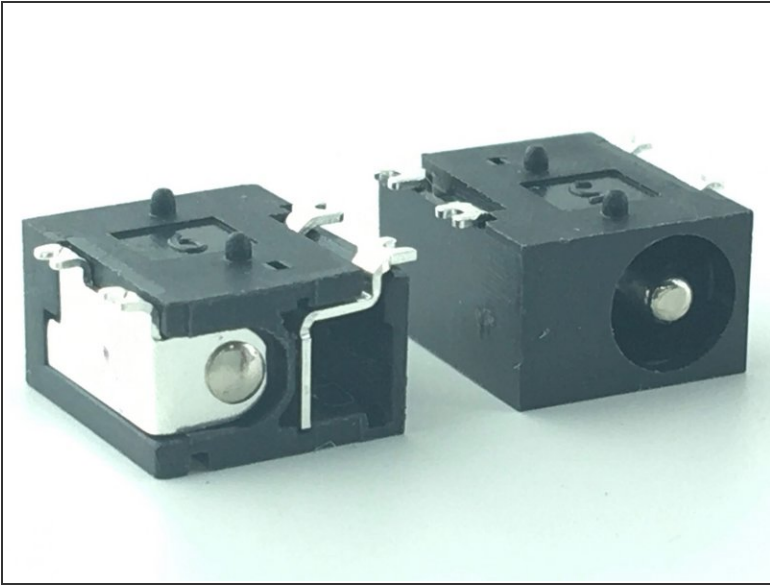
- With a multimeter, test all 3 PCB contacts to determine which are positive, negative and ground. Similarly, ascertain each terminal of your "new" charger port and its corresponding PCB contact. Your "new" port can be a brand-new, identical replacement or a salvaged one of approximate size, post thickness and terminal orientation.

- Unless an identical part replacement, you may have to bend your ports terminals in order to make proper contact and'or enlarge the panel opening for the AC plug as I did. To avoid repeat part failure, I hot-glued my charger port onto my PCB after reinforcing my port's terminals with thicker wire and generous solder.

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

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