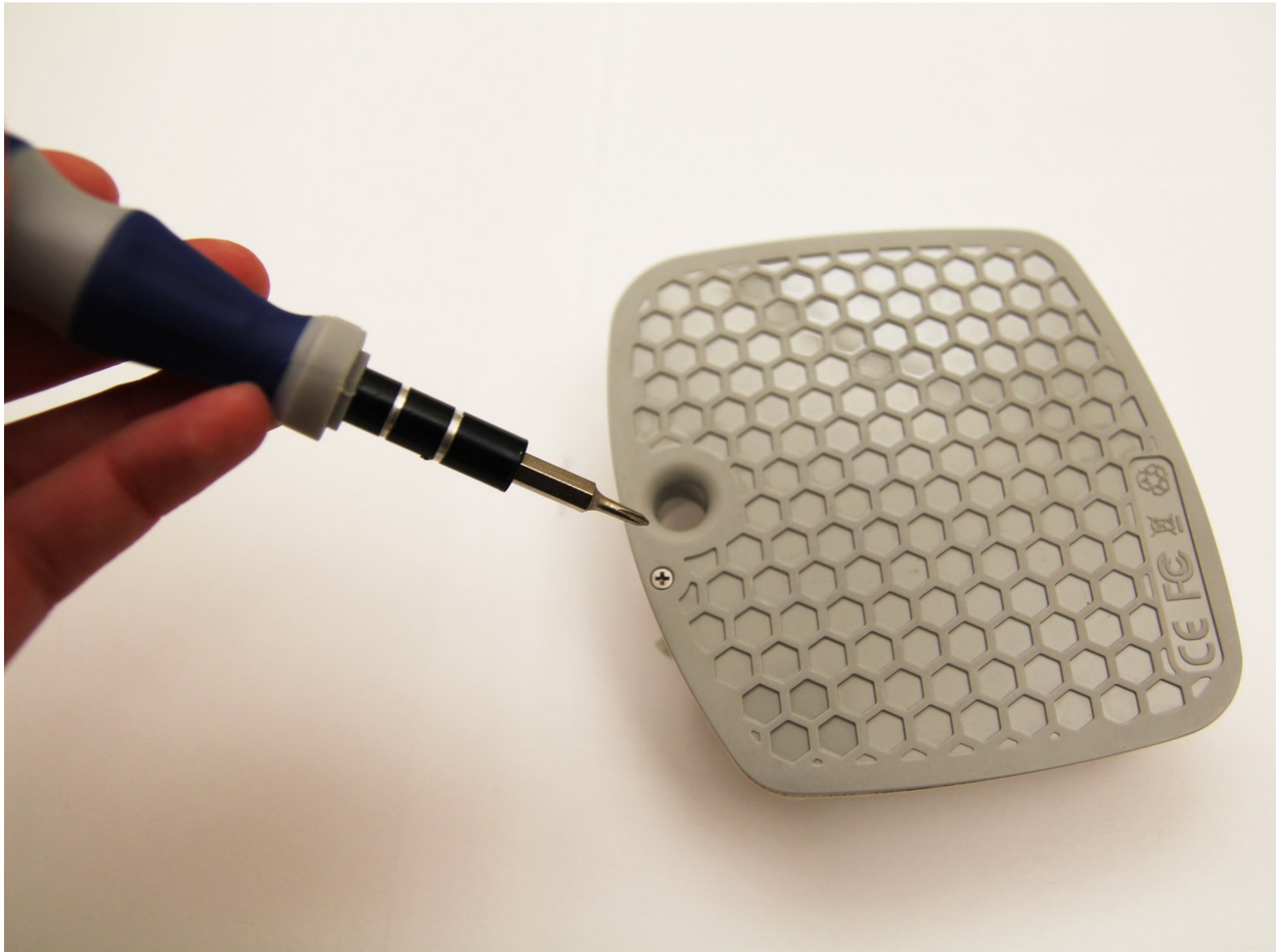




Solio Xcellerator and Hub Battery Pack and Solar Charger Battery Replacement

This guide will show you how to replace the battery in your Hub Battery Pack.

Written By: Karina Uchiumi



INTRODUCTION

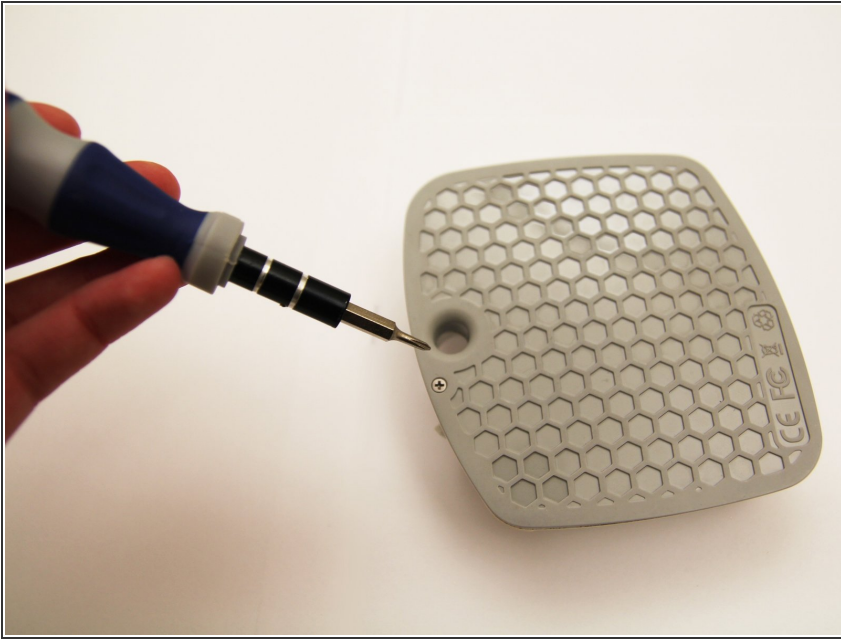
In this guide, we walk you through the steps of replacing a dying battery in the hub battery pack. We cover which screws to unscrew, and how to deal with the delicate circuit board inside. Finally, we show the removal of the battery from the actual hub.



TOOLS:

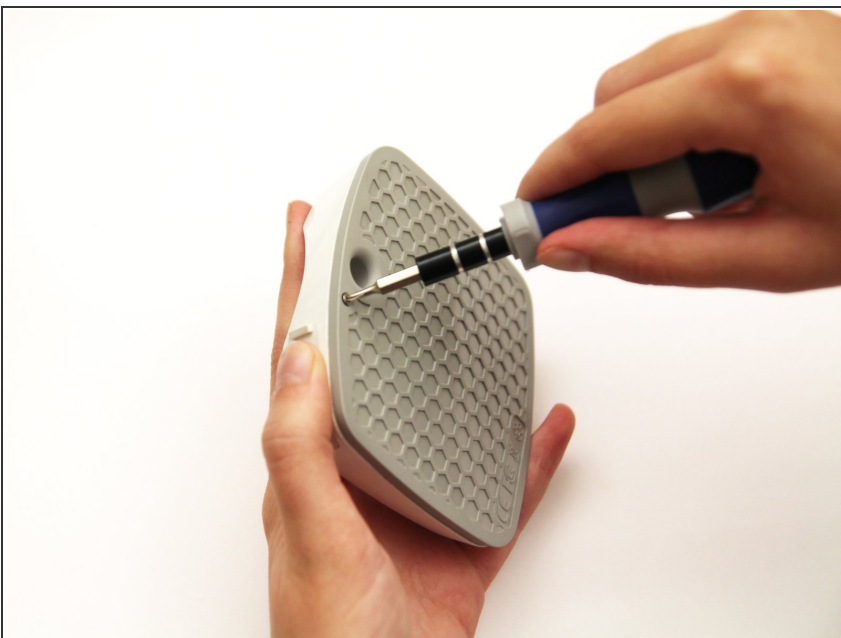
- [iFixit Opening Tools](#) (1)
 - [64 Bit Driver Kit](#) (1)
-

Step 1 — Battery



- With all other devices unplugged, flip the Charger Hub over so that the grey side with the screw is face up.
- Take out the PH000 bit from your 26 Bit Driver Kit and attach it to the screw driver.

Step 2



- Use the screwdriver to remove the lone screw.

Step 3



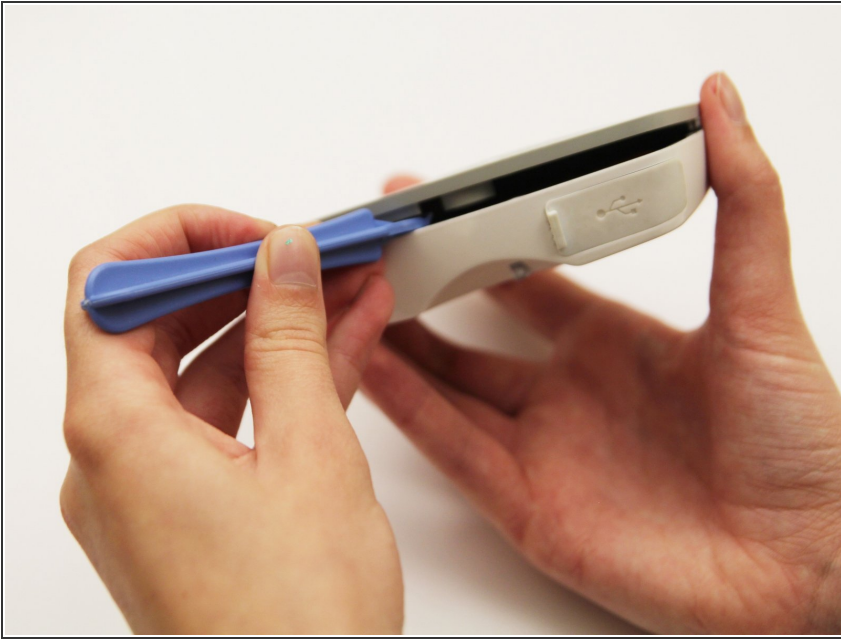
- Once the screw has been fully loosened, pull it out and place it to the side. Be careful not to lose it!

Step 4



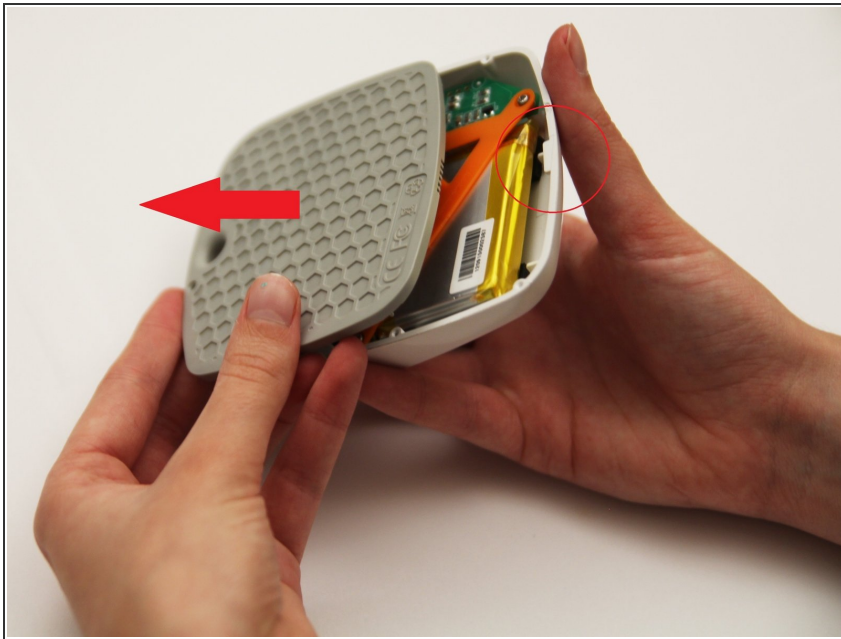
- Without pushing too hard, slightly lift the side of the gray bottom panel that was screwed down (the far side in this picture).
- Do not force the whole gray bottom panel off, as it is not ready to come off yet!

Step 5



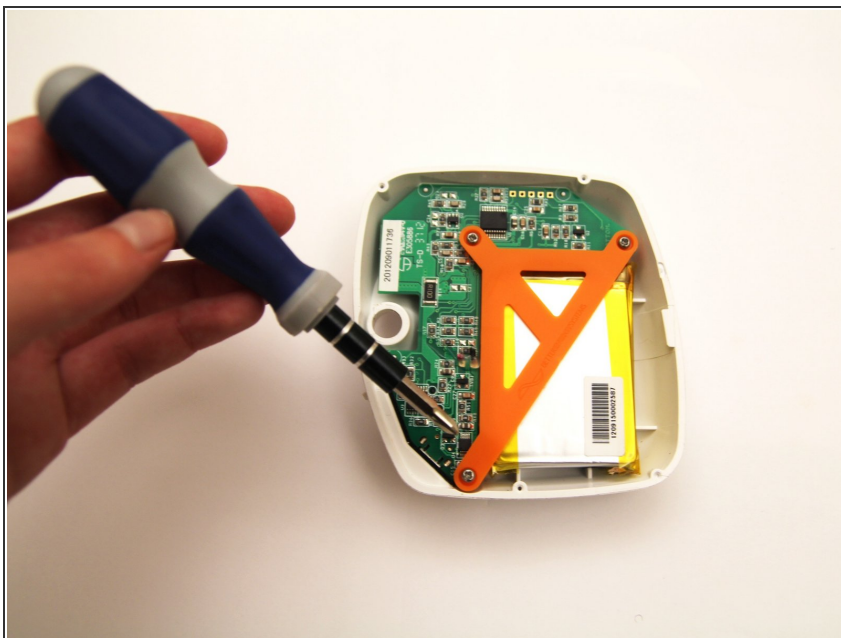
- If you are having difficulty pushing the gray bottom panel up, use the Plastic Opening Tools for assistance.
- Do not bend the gray bottom panel completely up, as a clip is still holding it in place on the other side of the Charger Hub! Excessive bending may damage the device.

Step 6



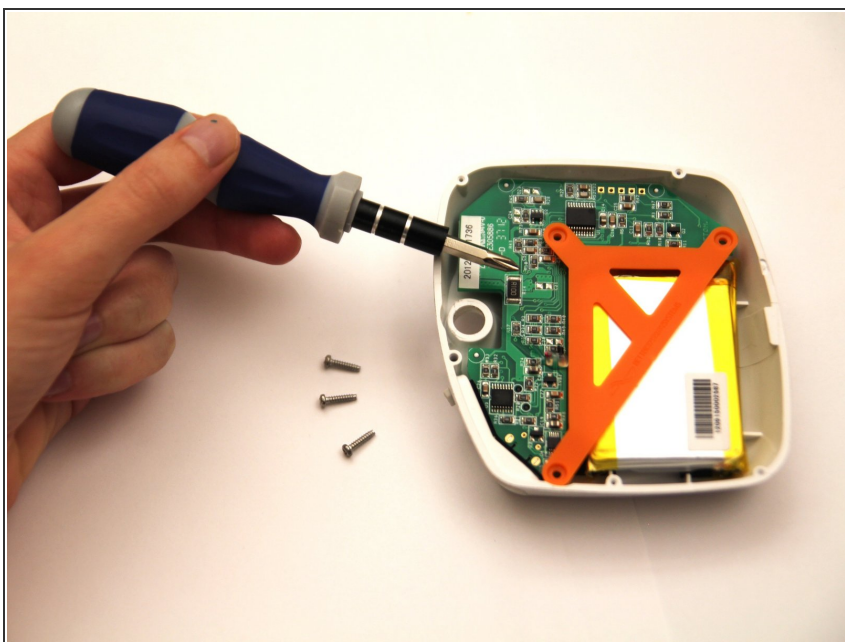
- To fully remove the gray bottom panel, it must be slid out of place to release it from the internal sealing methods. Push/slide the grey bottom panel to the left given the orientation presented in the picture.

Step 7



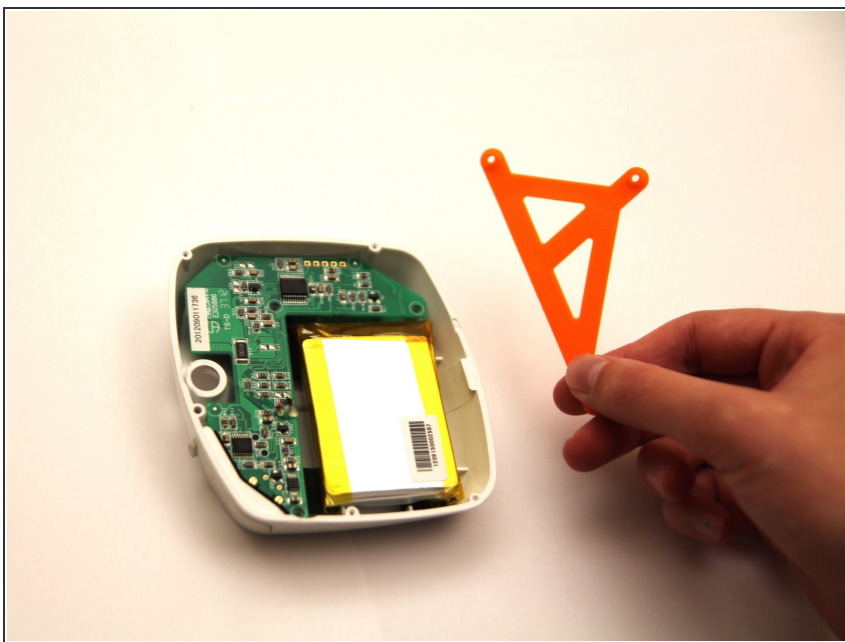
- Fully remove the gray bottom panel. The insides of the Charger Hub should now be fully exposed as shown.

Step 8



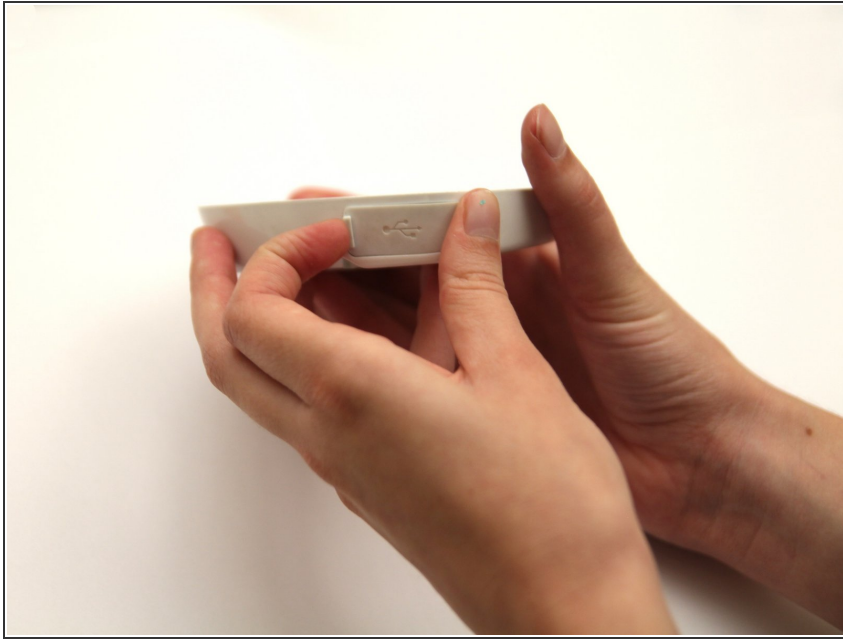
- Using the Phillips bit PH1 from the 26 Bit Driver Kit, remove the three screws keeping the orange battery cover held in place. Keep track of these screws as well; they are not the same type of screw used to secure the bottom gray panel.
- This part will take patience, as the PH1 bit may not fit perfectly within the threads of the screws. Applying a firm amount of pressure while unscrewing makes this process easier.

Step 9



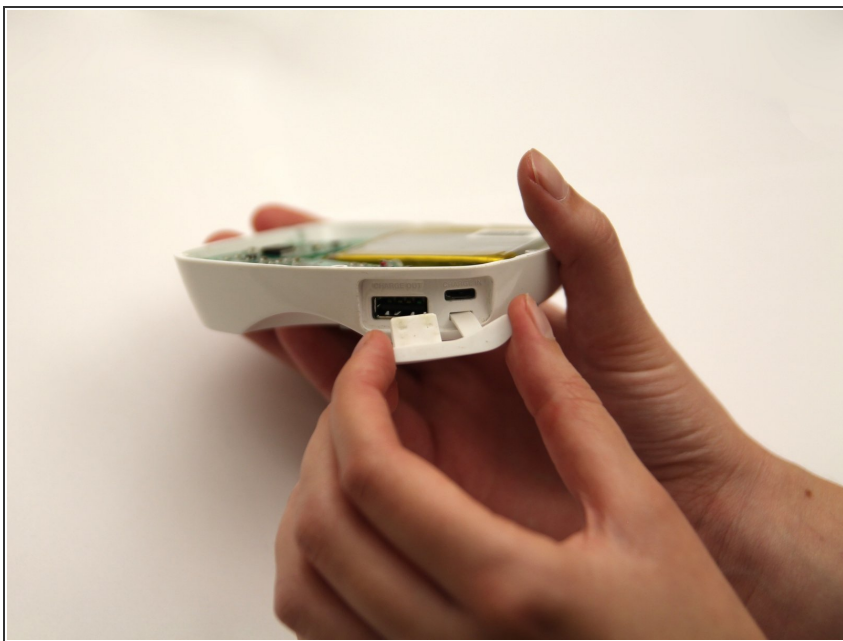
- Simply lift up the orange battery cover and place it to the side.

Step 10



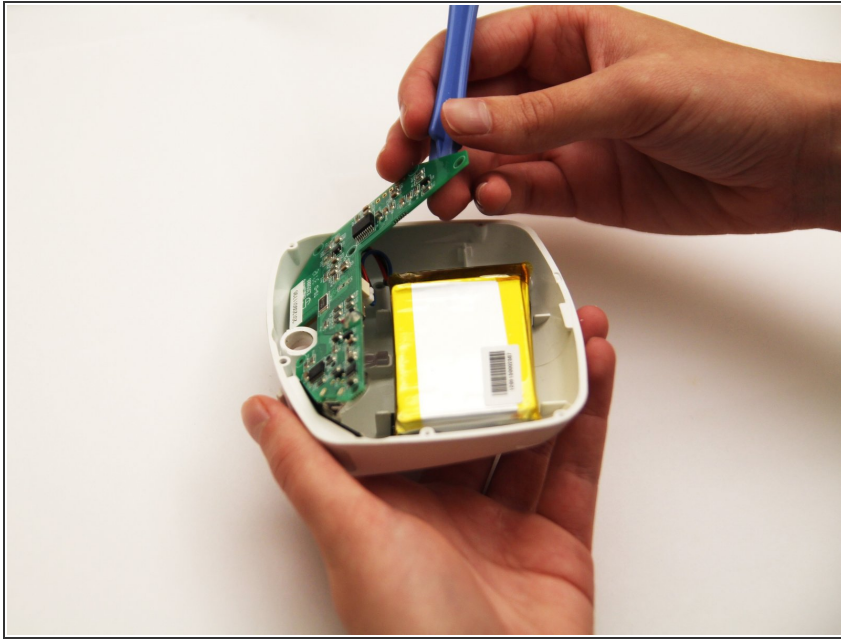
- Before moving to remove the circuit board, pull out the USB port protector. This will allow the circuit board to be removed without conflict.

Step 11



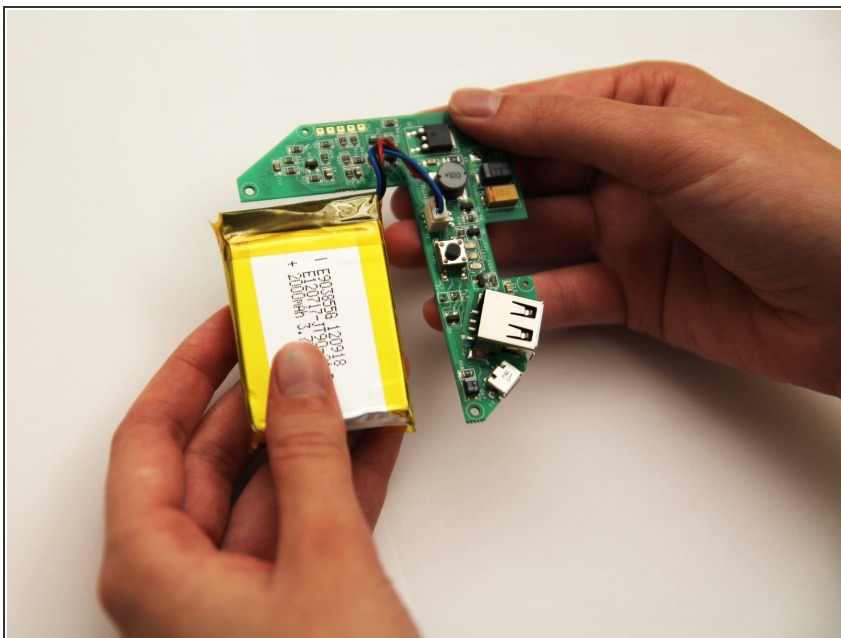
- The USB port hub protector should be removed as shown.

Step 12



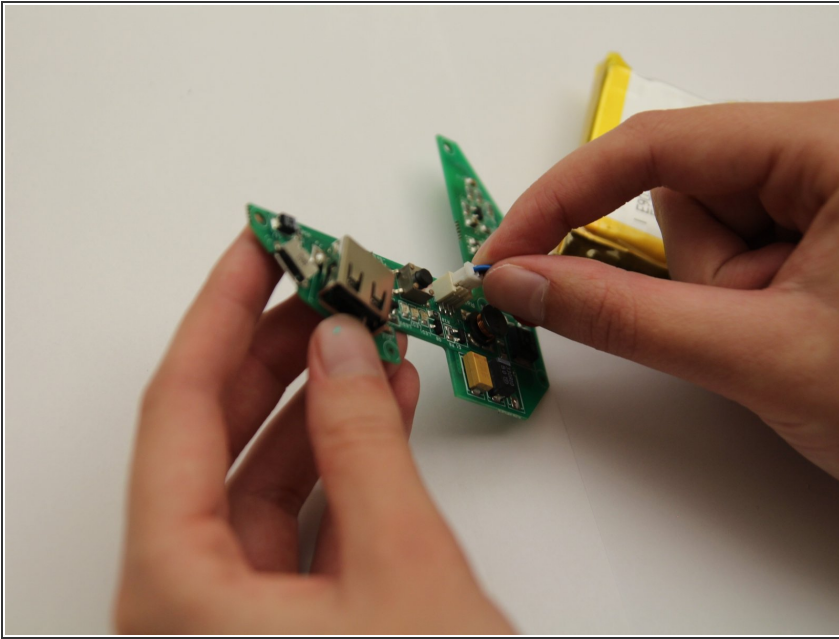
- Be careful! You are working with a delicate circuit board, so you want to make sure you do not force any movements.
- The battery is attached to the circuit board via wires, so you must remove both at once.
- Place the [Plastic Opening Tool](#) underneath the circuit board and lift the circuit board up so that it becomes loosened.

Step 13



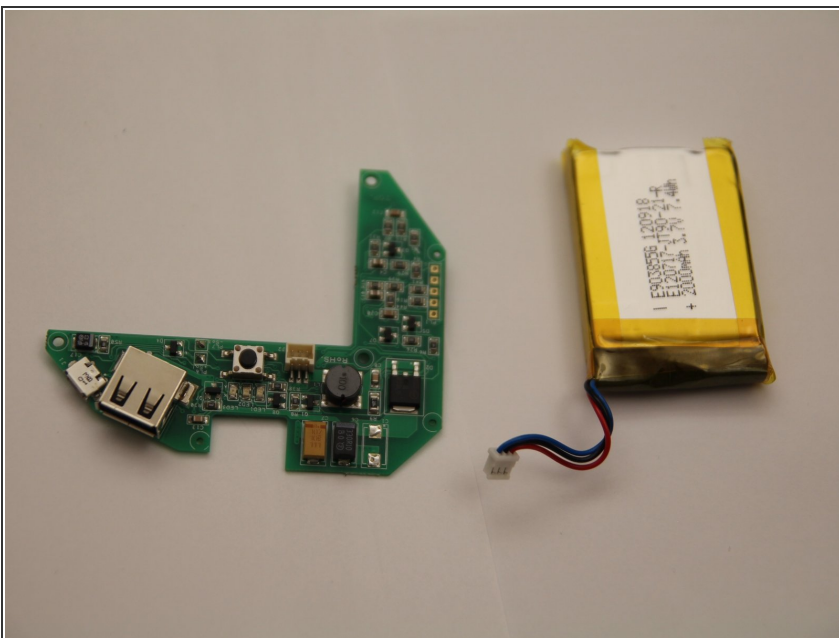
- Remove the circuit board and the battery from the plastic casing.

Step 14



- This step will require some force, but be careful not to over stress the circuit board, as you do not want to break it!
- Pull the white base of the wires out of the white port on the circuit board.

Step 15



- Now that the battery is removed, you can plug in your new [Lithium Polymer Battery - 3.7V 2000mAh](#) into the circuit board.
- Follow the steps in reverse order using your new battery to put the device back together.

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