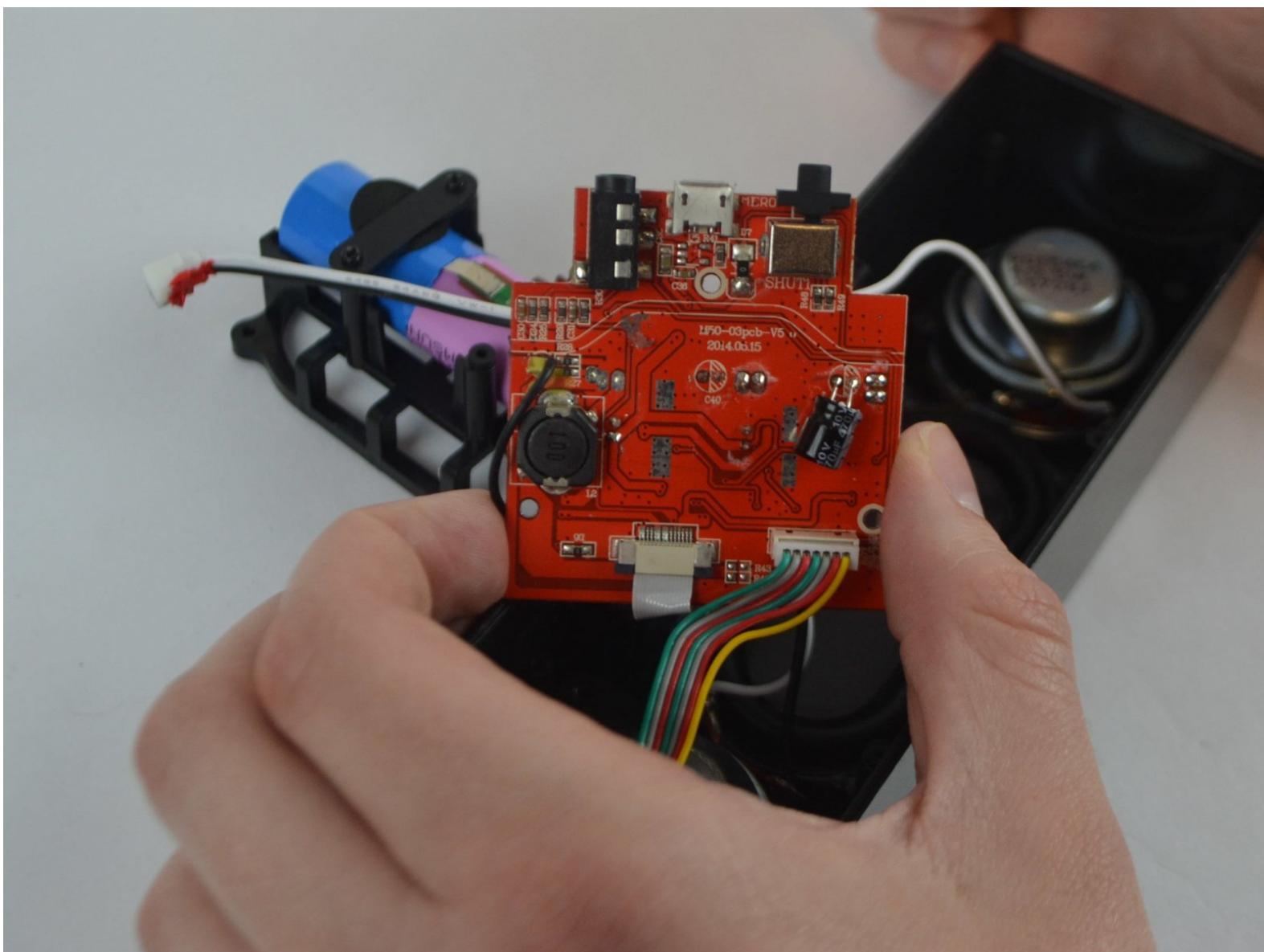




# Photive Hydra USB Connector Replacement

This guide will help you replace the USB connector which has become displaced from its intended position.

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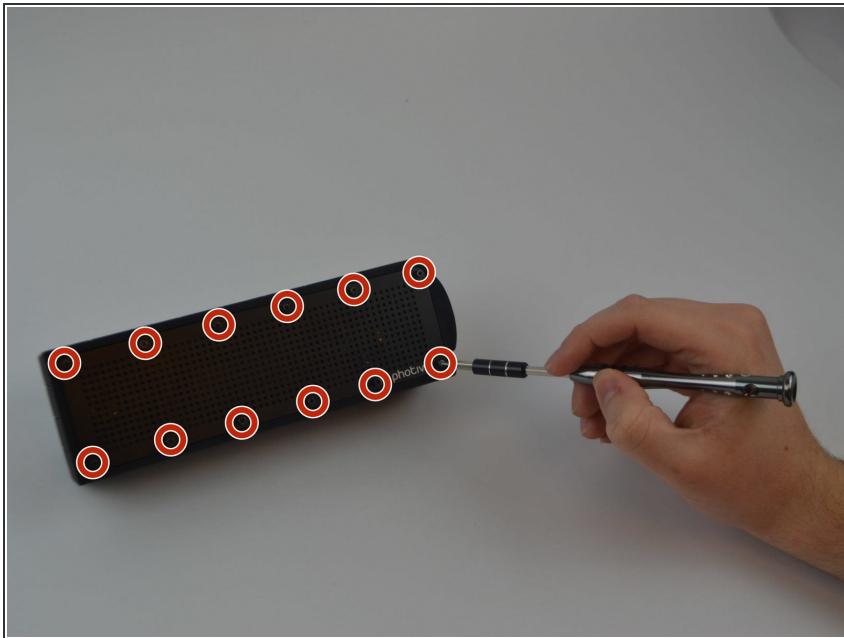
## INTRODUCTION

This guide will be helpful in the case that your device will not charge or has been dislodged. In this guide you will be using a #1 and #1.5 screwdriver, to remove screws and components. Once you have access to the motherboard, locate and use soldering techniques to remove USB connector.

### TOOLS:

- [Phillips #1 Screwdriver \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [1.5mm Hex Screwdriver \(1\)](#)
- [Soldering Iron \(1\)](#)

## Step 1 — Face Plate and Back Plate



- Unscrew all twelve Hex Head 1.5 (Length-3/8", Head- 1/8") screws using a 1.5mm hex screwdriver.

## Step 2



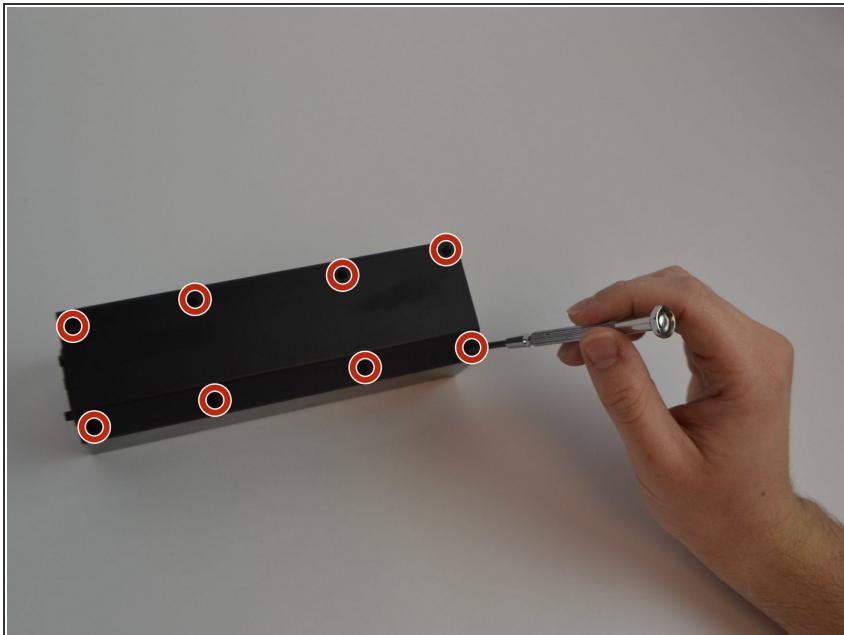
- Use a plastic opening tool to pry off the face plate.

## Step 3



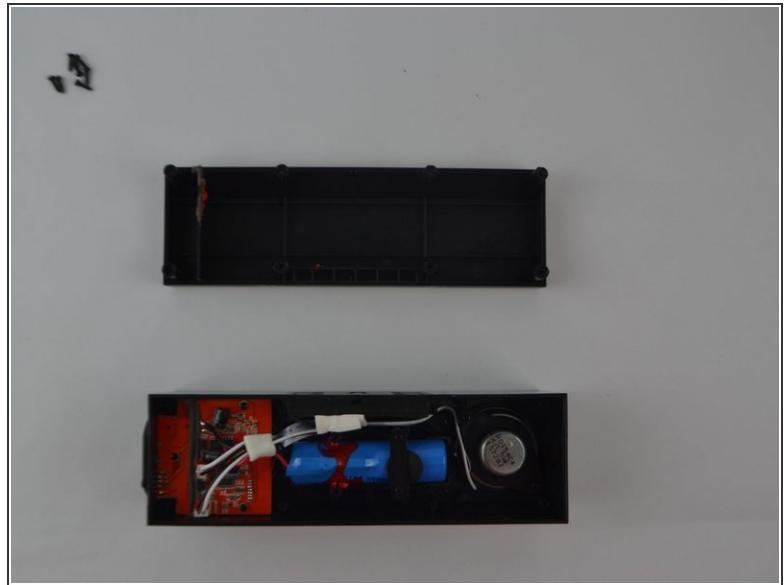
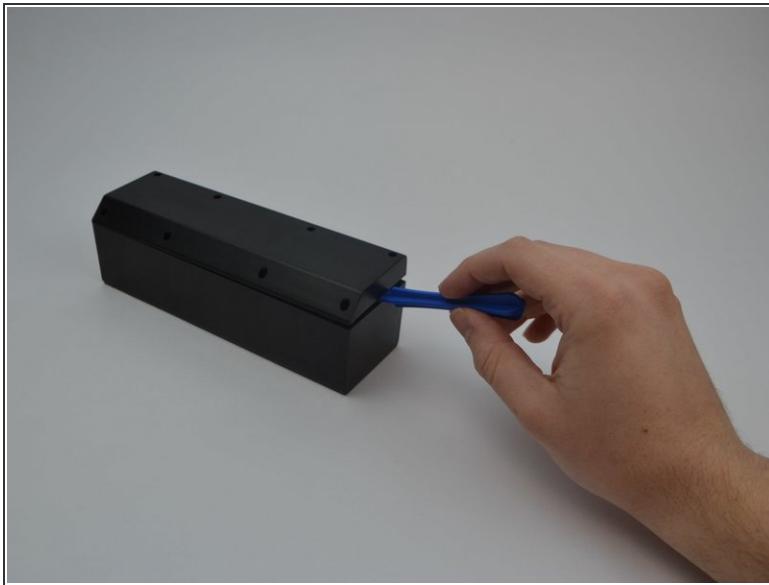
- Remove the rubber casing by using your fingers to pull off. Be sure not to tear or rip rubber casing.

## Step 4



- Flip the device upside down and remove all eight Phillips (Length-3/8", Head-1/8") Screws using a standard #1 Phillips screwdriver.

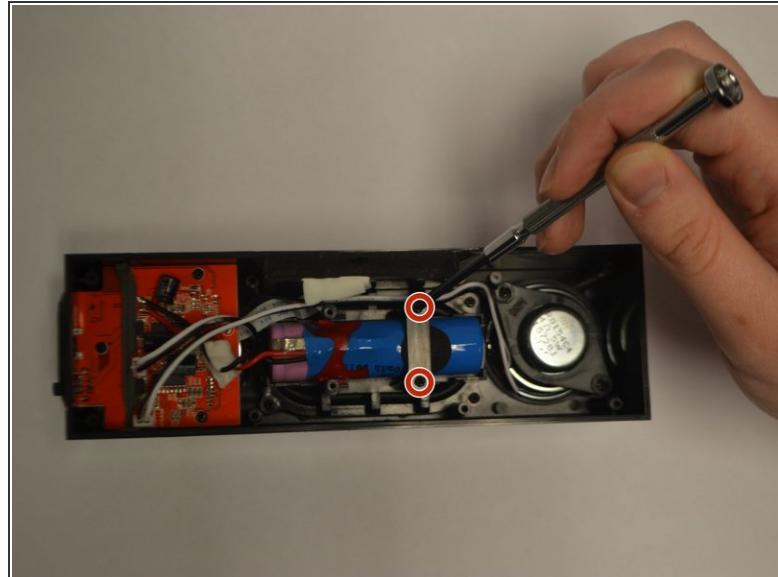
## Step 5



- Use plastic opening tool to pry off back plate.
- Move the plastic opening tool along the the device to further pry open the device.

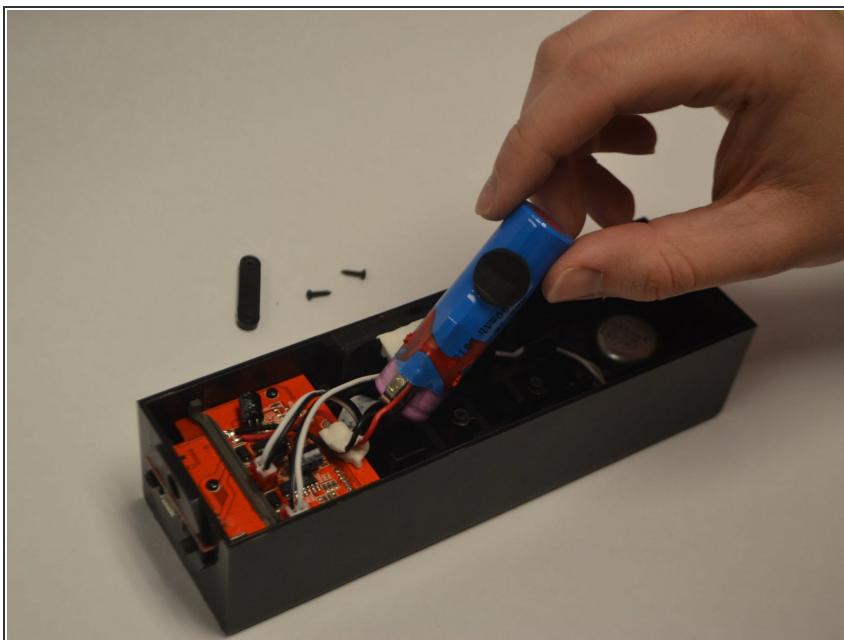
**⚠** Be careful when taking this plate off. You may accidentally damage the water proof seal.

## Step 6 — Battery (Prerequisite)



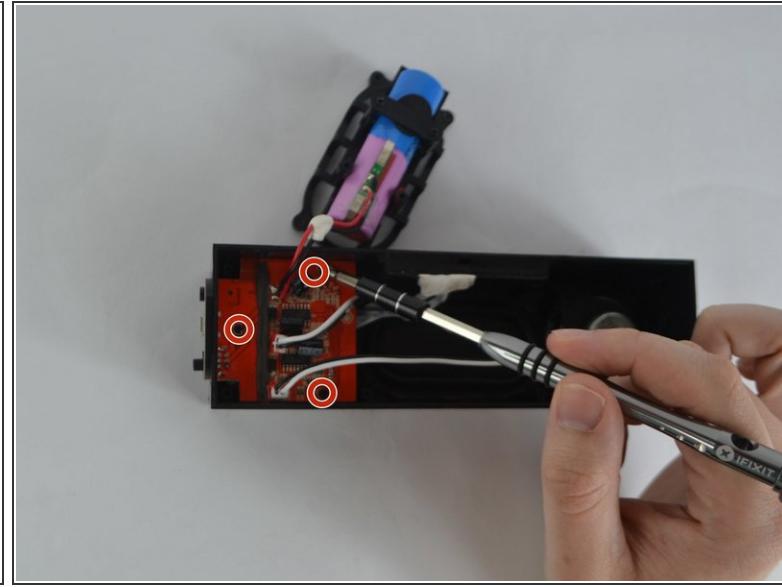
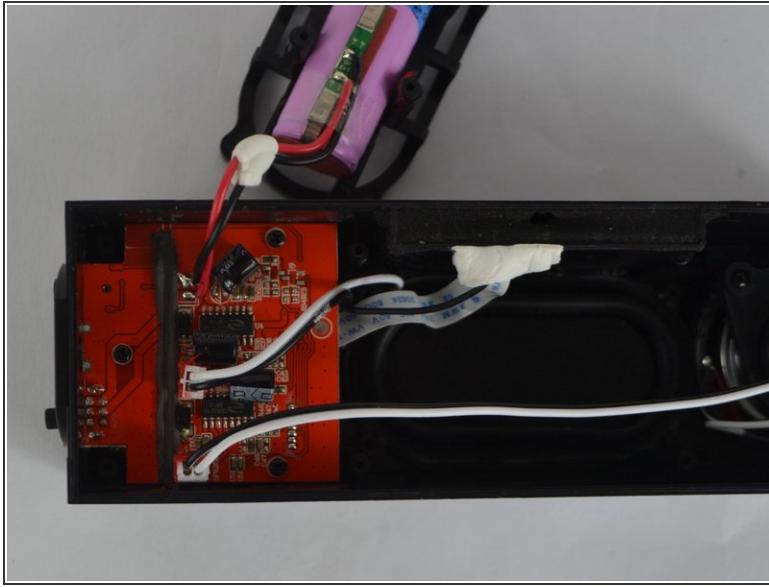
- Identify the two Phillips (Length-5/16", Head-1/8") screws holding the battery in place and remove them using a #1 screwdriver.

## Step 7



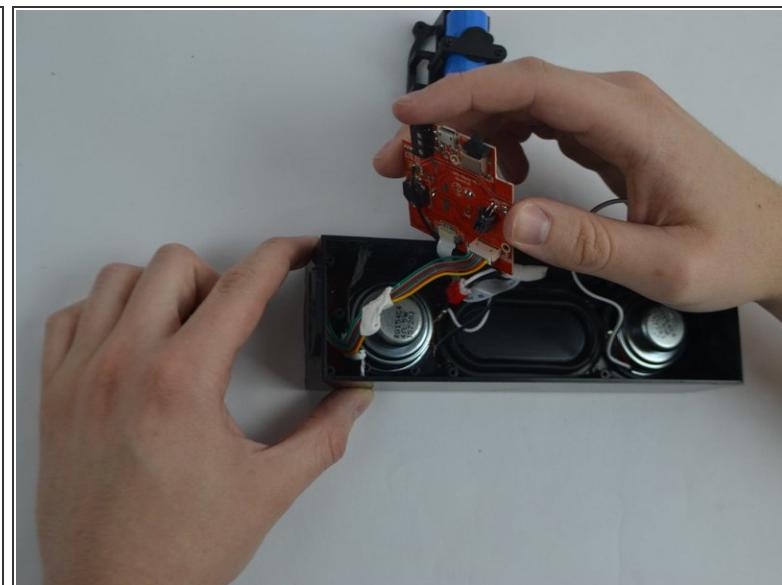
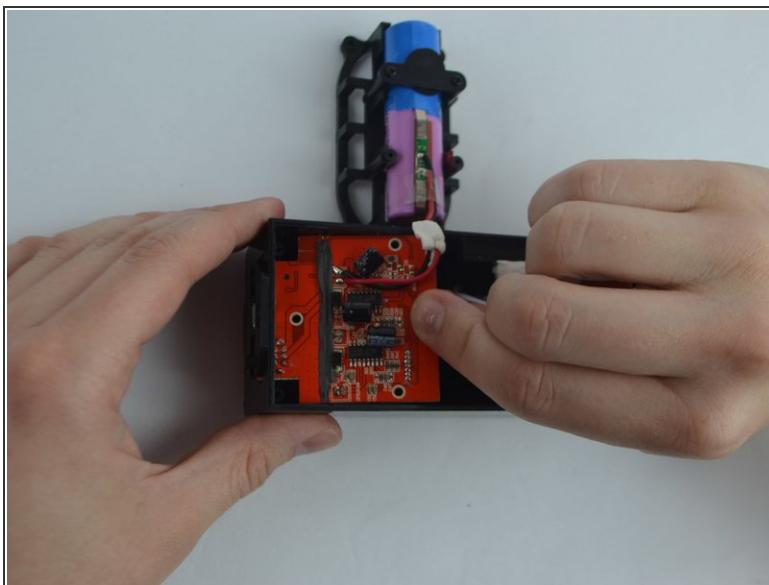
- Remove the ICR18650-26M battery from its position by pulling upwards and out of the casing.

## Step 8 — USB Connector



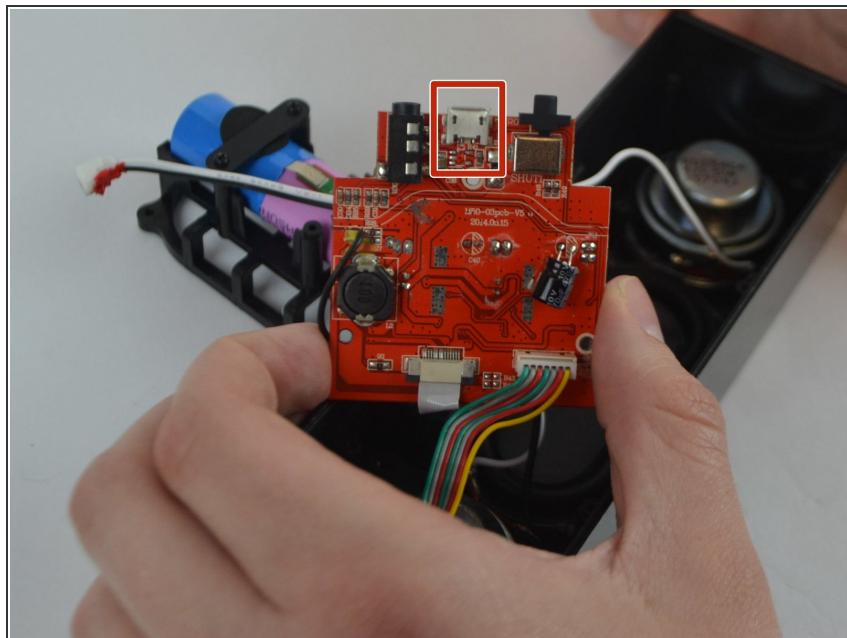
- Identify the motherboard and three Phillips (Length-1/8", Head-1/8") screws and remove them using a #1 screwdriver.

## Step 9



- Pull the motherboard up and out to remove.

## Step 10



- Identify the USB connector. Remove and replace the component with a functioning USB device. Refer to the link below for soldering techniques.  
[How To Solder and Desolder Connections](#)

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