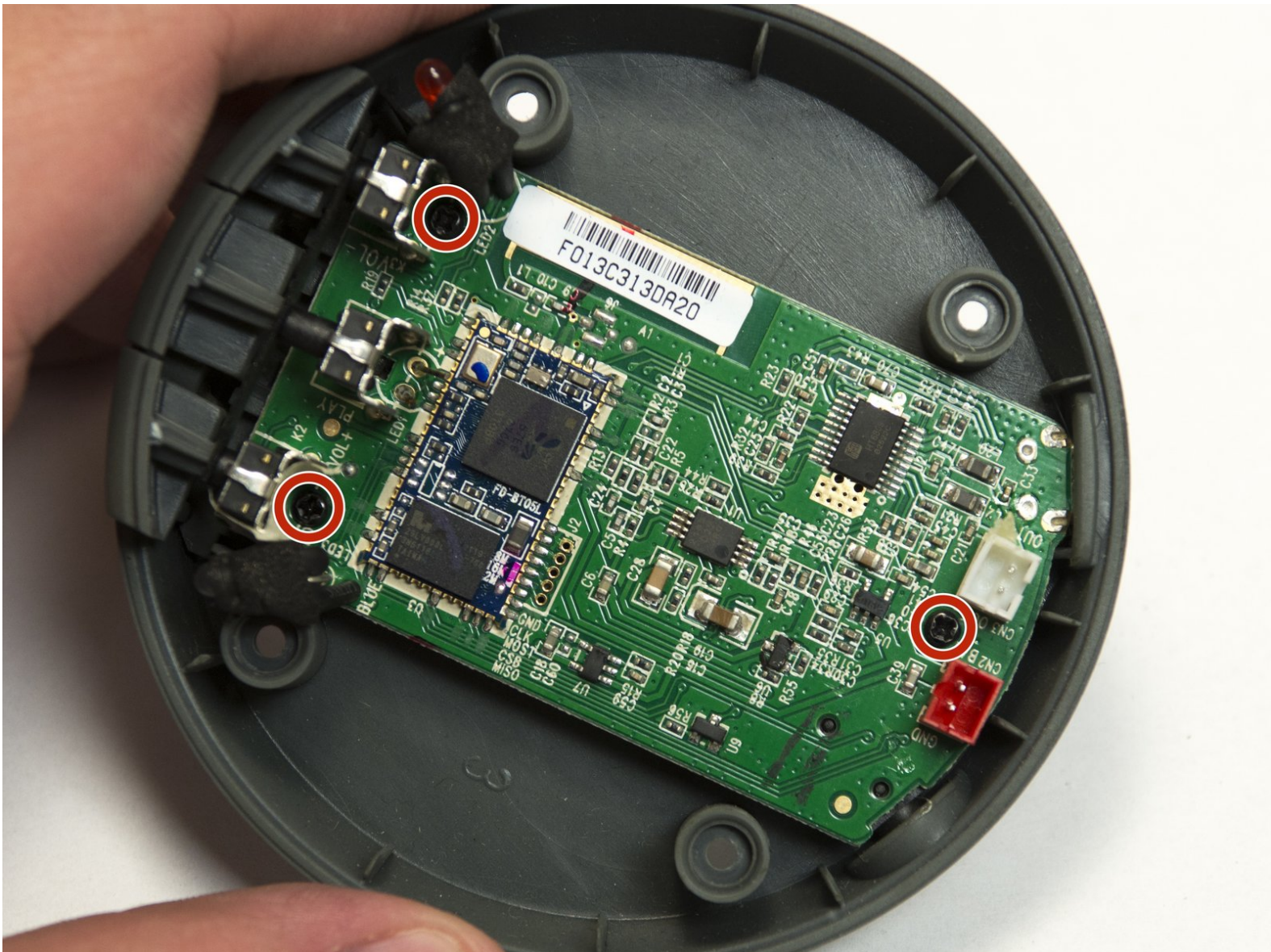




HMDX Jam Plus Micro USB Jack Replacement

This guide is to demonstrate the replacement of the Micro USB Jack on the HMDX Jam Plus.

Written By: Maxwell Erickson



INTRODUCTION

This guide provides steps for replacing a damaged Micro USB Jack on the HMDX Jam Plus. This guide requires previous soldering skill and utilizes a Micro Soldering Iron. This guide is should not be attempted by beginners. If performed incorrectly the device may not function anymore.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Micro Soldering Iron Hakko FM-2032-51 fits FM-203 206](#) (1)
 - [Desoldering Braid](#) (1)
 - [Solder](#) (1)
-

Step 1 — Battery



- Flip the device over so the bottom is facing up.
- Use the large plastic opening tool to gently pry the rubber base from the device.
- Slowly move the plastic opening tool around the edge of the rubber base to separate it from the plastic.

Step 2



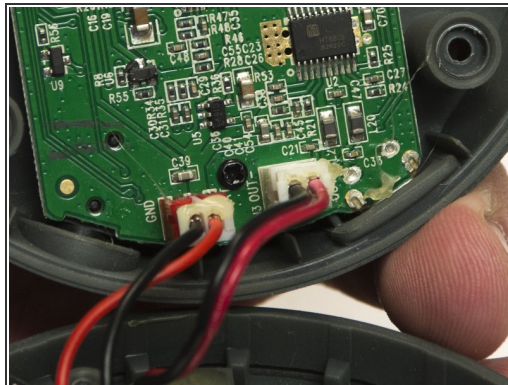
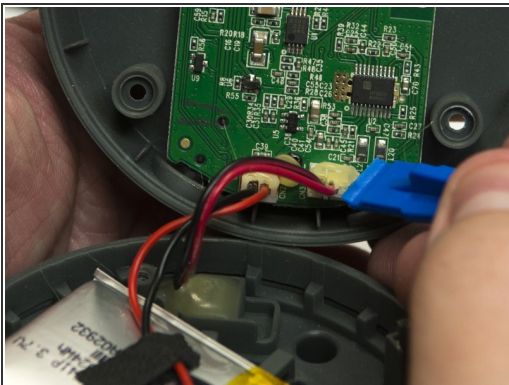
- Use a Phillips #1 screwdriver to remove the four black 9mm screws from the device.

Step 3



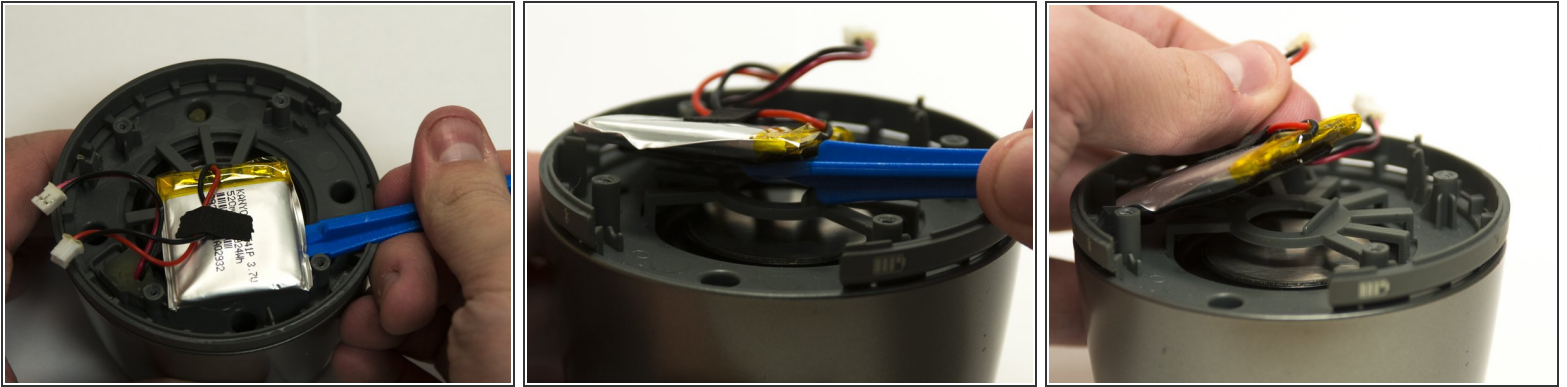
- Gently separate the base from the rest of the device to reveal the battery and the main board.


Step 4



- Carefully use the plastic opening tool to remove the glue around the battery and speaker connectors.
- Pull gently on the connectors to separate each one from the main board.
- ☑ The battery is connected to board in the red socket and the speaker is connected in the white socket.

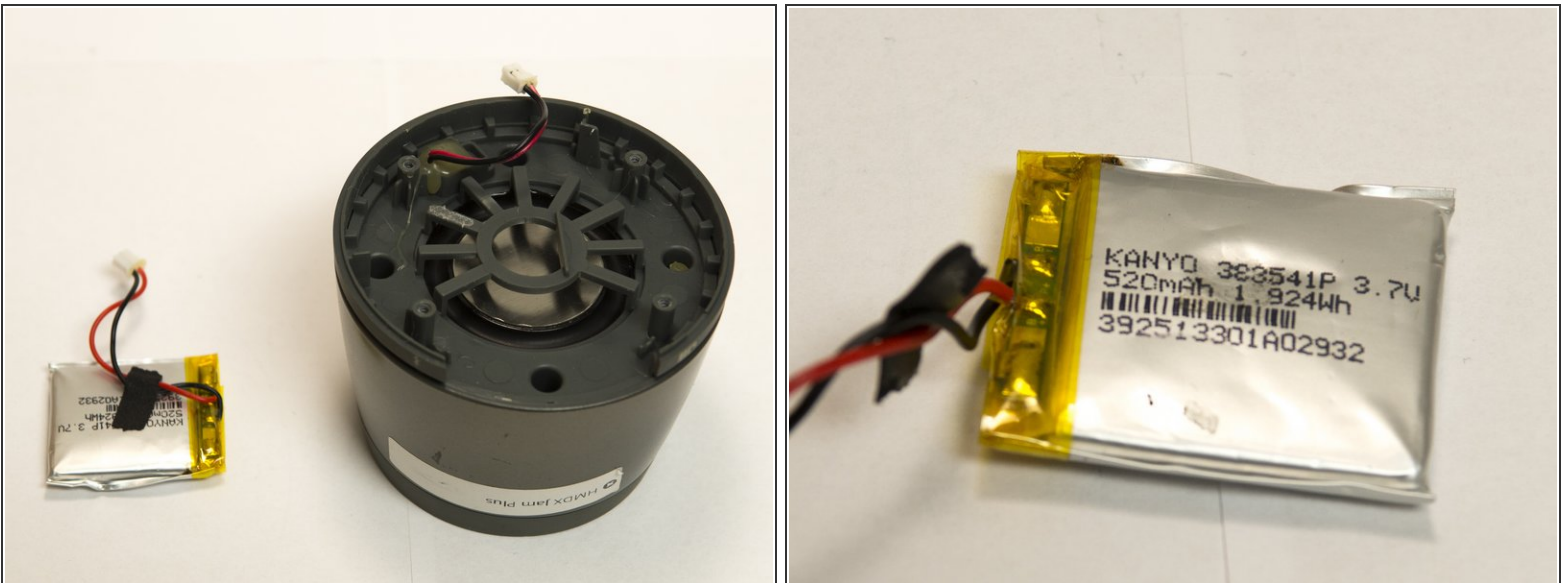
Step 5



 Batteries can be very dangerous if punctured. Use extra caution when using tools around the battery.

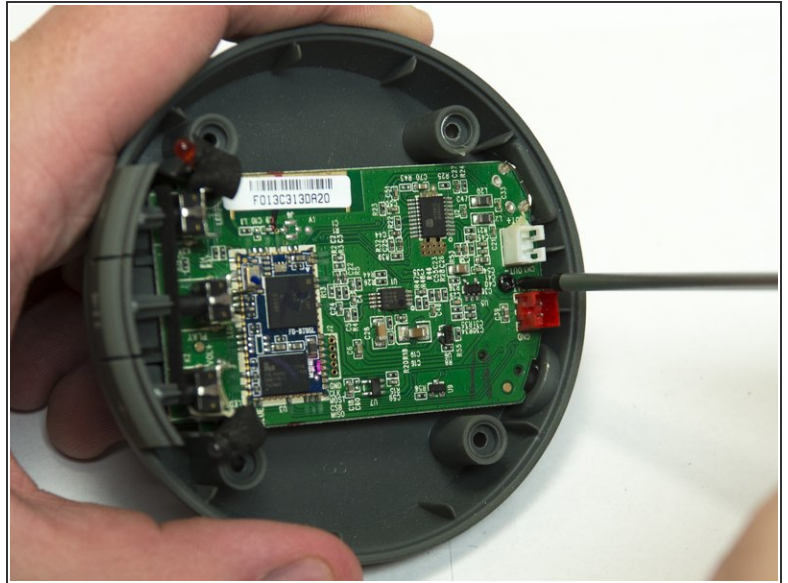
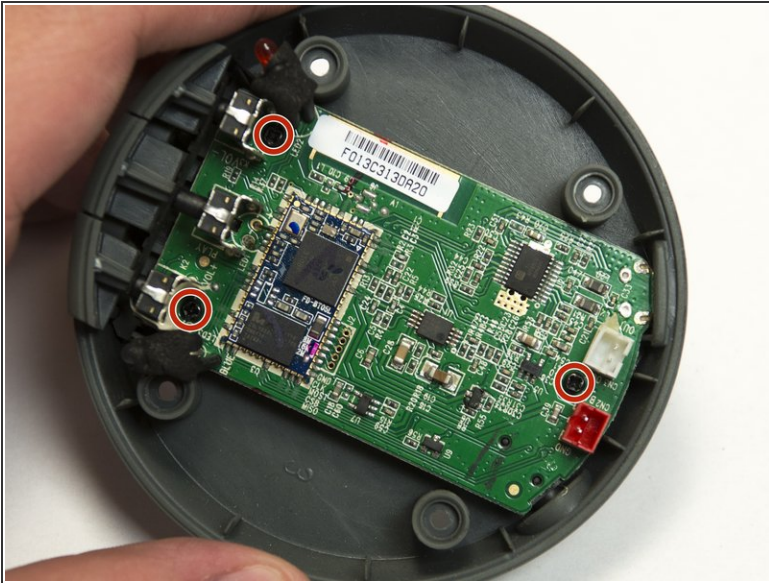
- Use the plastic opening tool to gently pry the battery free from the rest of the device.

Step 6



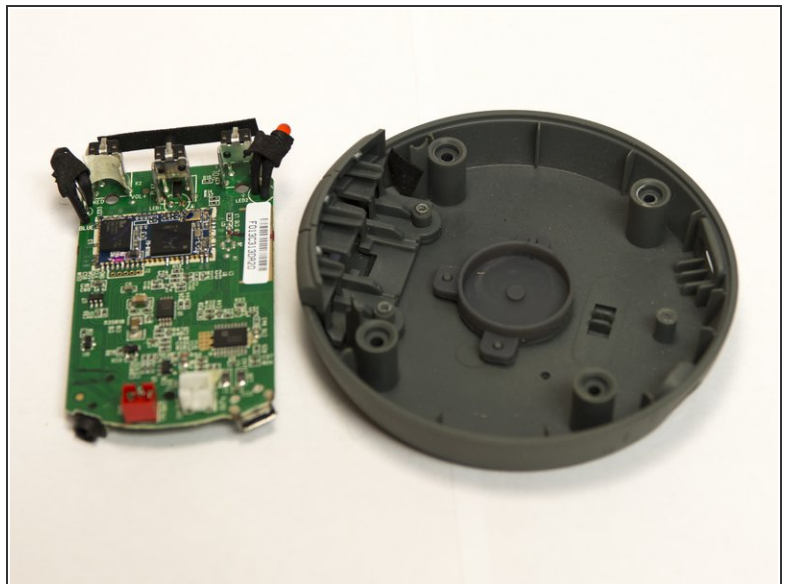
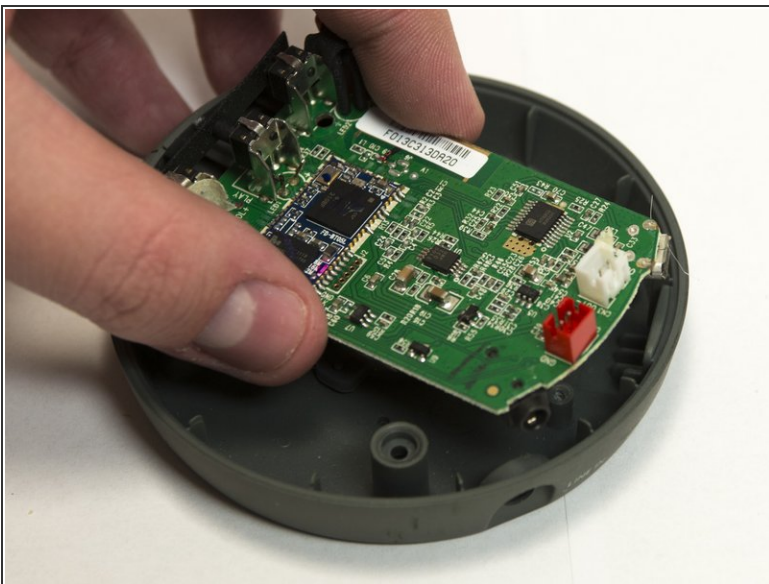
-  Use new adhesive to secure battery back to the rest of the device.

Step 7 — Micro USB Jack



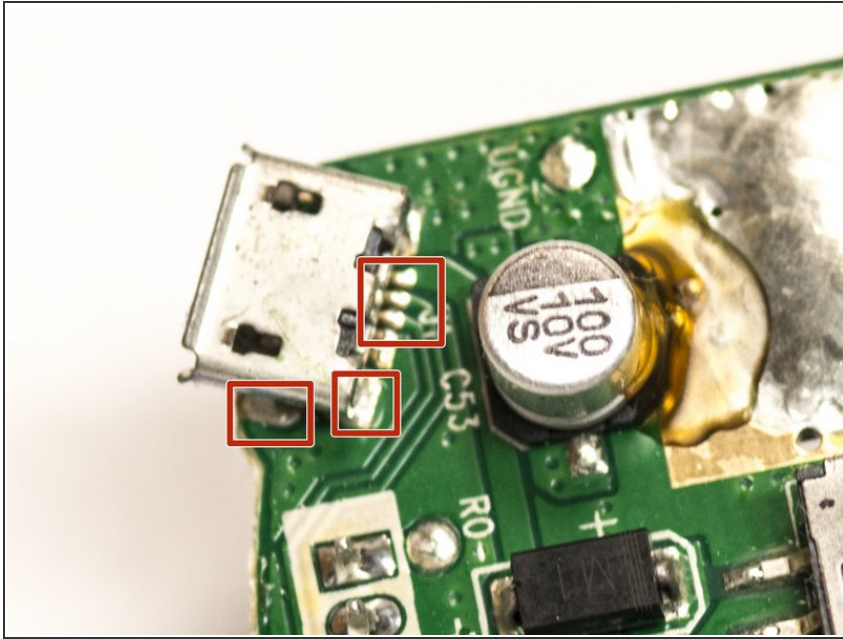
- Remove the three black 6mm screws from the main board using a Philips #00 screwdriver.

Step 8



- Carefully lift the main board away from the plastic.
- Lift the side with the buttons first and be careful not to damage the Line In Jack or the Micro USB Jack.

Step 9



- Use the Micro soldering iron to heat up each pad and use the desoldering wick to wick up the melted solder.
- The surface mount jack should pull from the surface without much force. Use tweezers to apply upward pressure on the jack.
- ⚠ Do not apply too much heat to the board as it may damage other portions of the board.

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