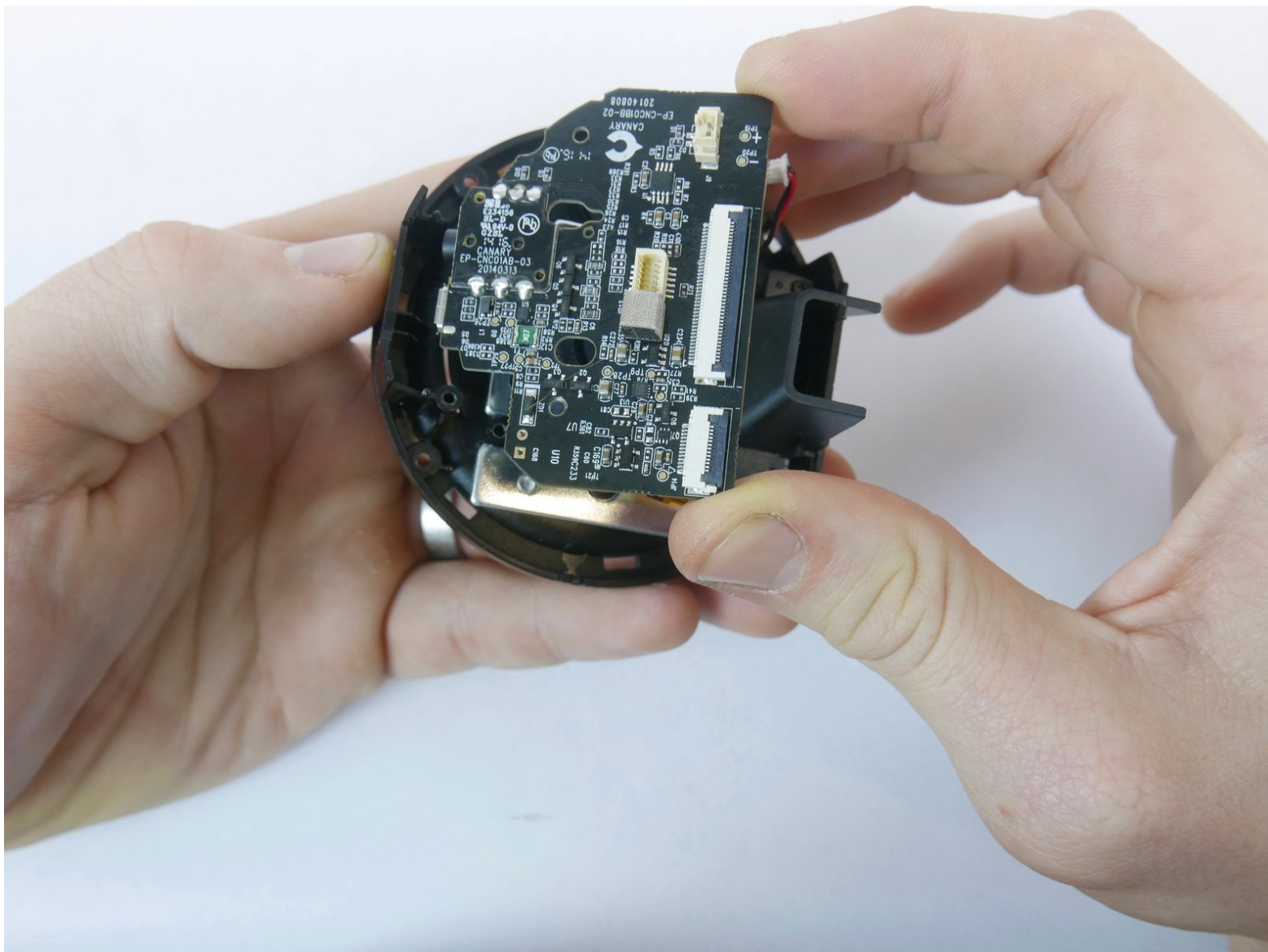# Canary CAN100USBK Audio and USB PCB Board Replacement

Replace the PCB board that contains the audio jack and USB type C connector.

Written By: Kristopher Gates

INTRODUCTION

The audio jack is not used for audio, but for streaming setup data from your phone to the Canary, so it is very important to replace if damaged.

Once you remove the bottom casing and Ethernet PCB board, the audio and USB PCB board becomes accessible. Remember to pull on the power connector itself and not the wires to avoid damage.

If either the audio jack or USB type C connector are damaged, this guide will show you how to replace the board.

A Phillips #0 screwdriver can be used for both screws.

TOOLS:

- Phillips #0 Screwdriver (1)
- Spudger (1)

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Step 1 — Bottom Casing

- Grip the rubber ring with your fingers and pull up.

- Rotate the Canary as you pull out one tab at a time.

Step 2

- Use your Phillips #0 screwdriver to remove the four 6mm screws.

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Step 3

- Use the flat end of the spudger to carefully pry off the bottom casing.

- Alternate pushing up on the left and right sides until the clips holding the case in are visible.
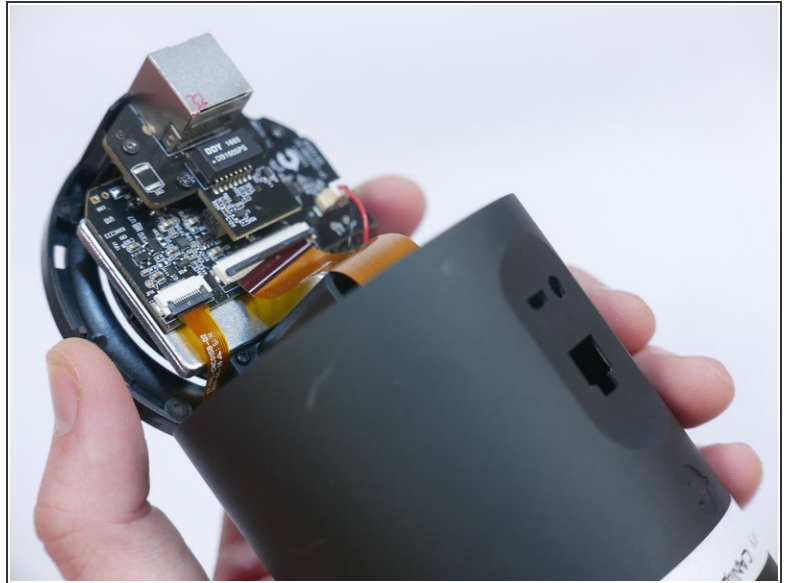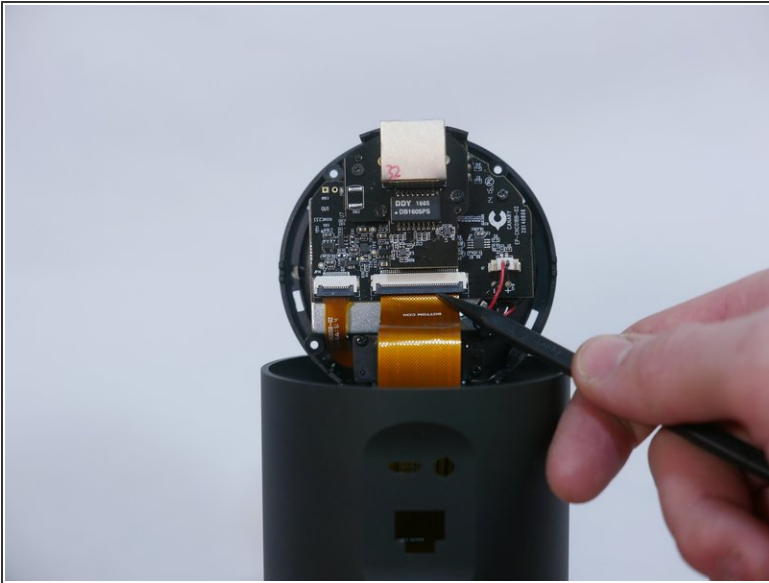
Step 4

- ⚠ Do not yank the bottom off or you may damage the ribbon cable or the ZIF connector.

- Carefully remove the bottom casing by gripping it on both sides and pulling straight up.
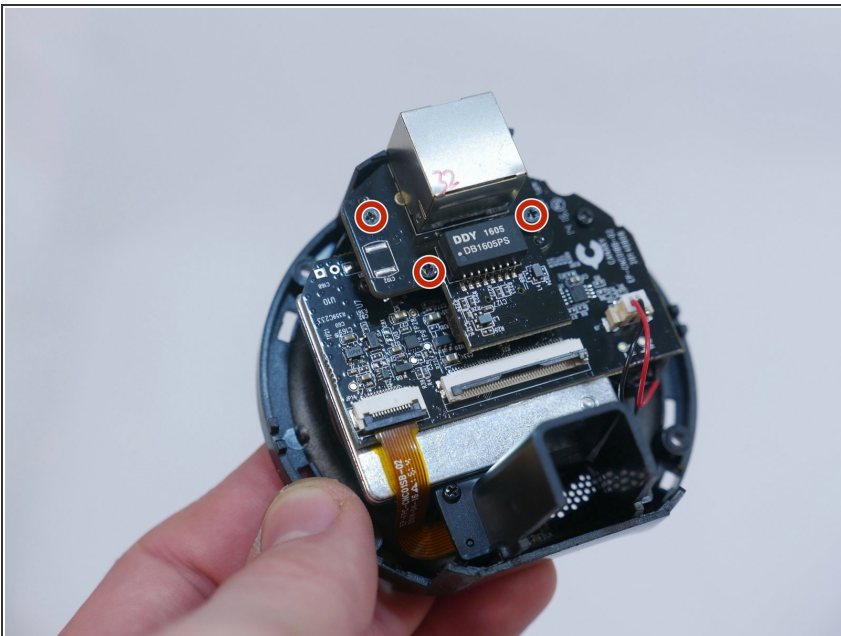
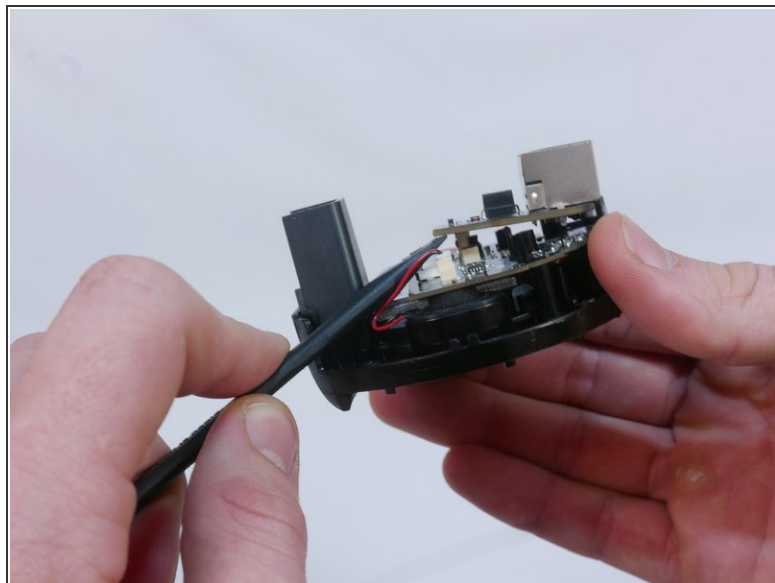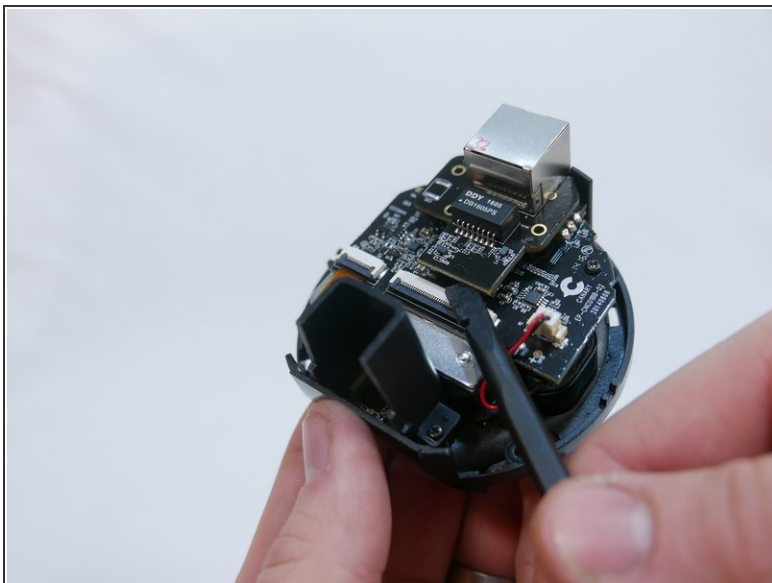This document was generated on 2019-09-22 04:30:54 AM (MST).

Step 5

- Use the pointed end of the spudger to flip up the small retaining flap on the ZIF (zero insertion force) connector.

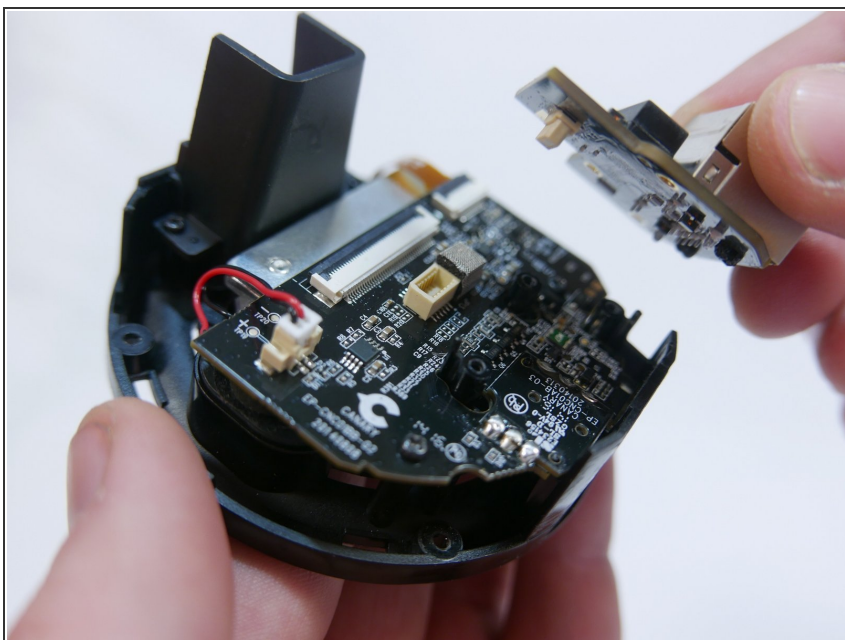- Pull the ribbon cable out towards the device.

Step 6 — Ethernet PCB Board

- Use your Phillips #0 screwdriver to remove the three 5mm screws.

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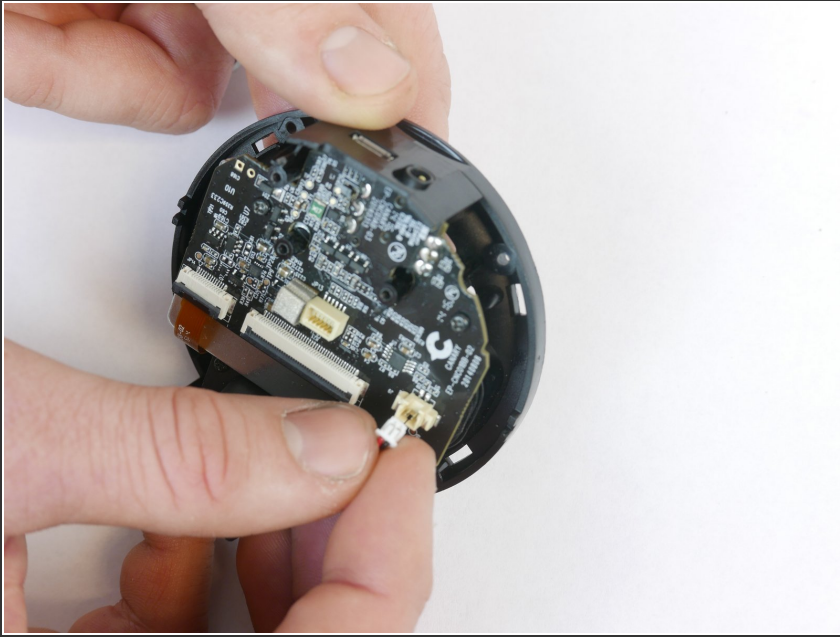
Step 7

- Place the flat end of the spudger underneath the Ethernet PCB board and slowly pry up until it's loose.

Step 8

- Carefully pull the Ethernet PCB board away from the board that sits underneath.

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Step 9 — Audio and USB PCB Board

- Using your fingernails, wiggle the power connector back and forth until it becomes loose.

- Pull the power connector straight out of the socket.

- ⚠️ Pull only on the power connector and not the wires themselves to prevent damage.
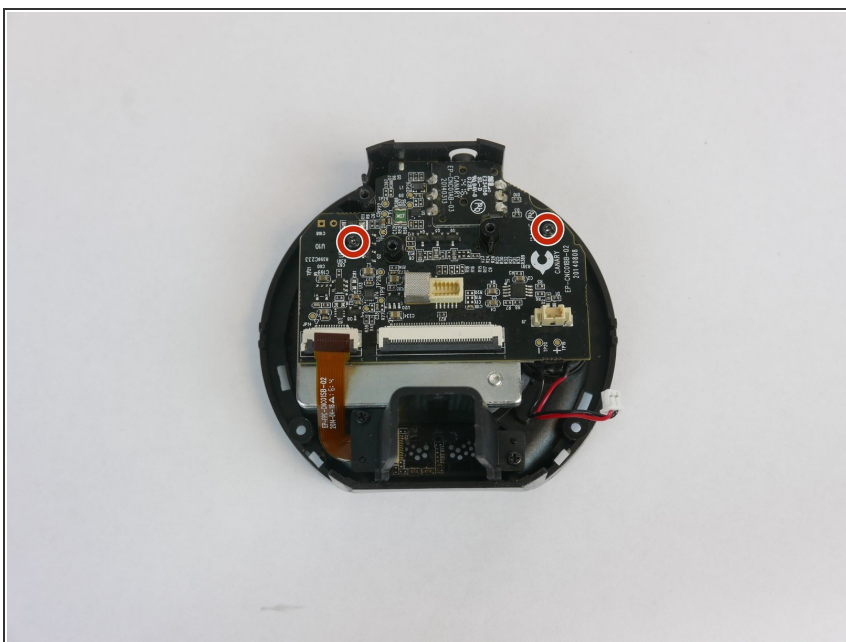
Step 10
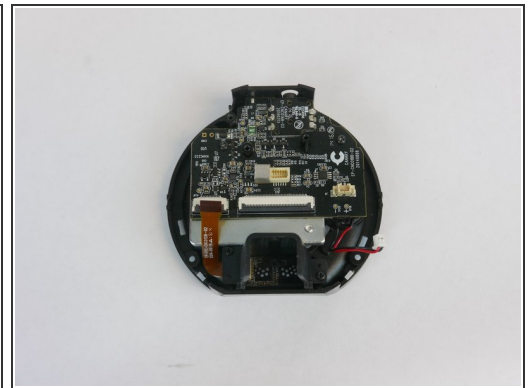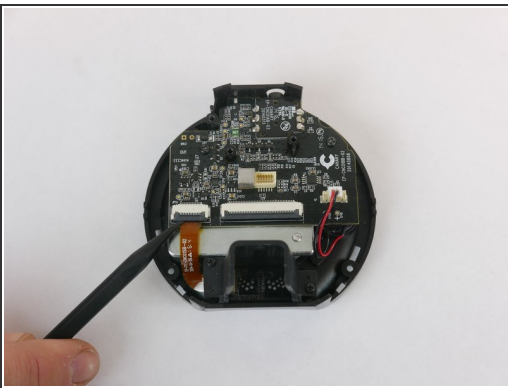
- Use the spudger to pry up the retaining flap of the ZIF connector.

- Disconnect the ribbon cable.

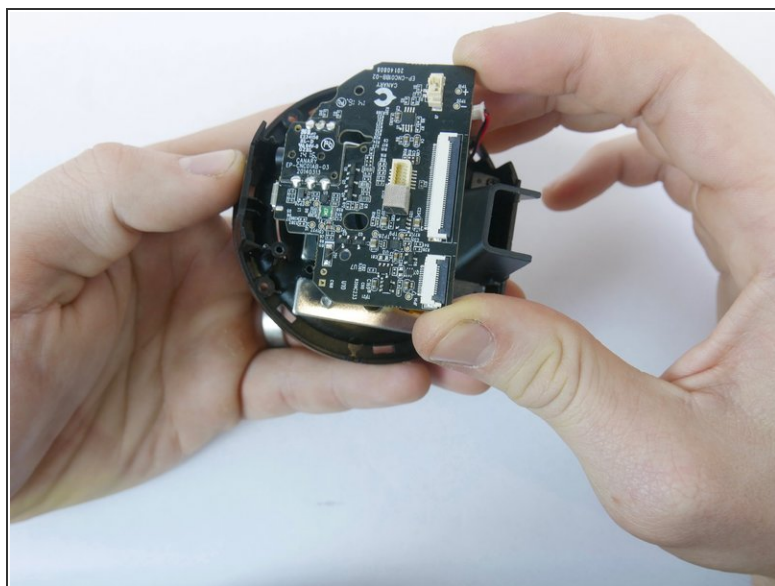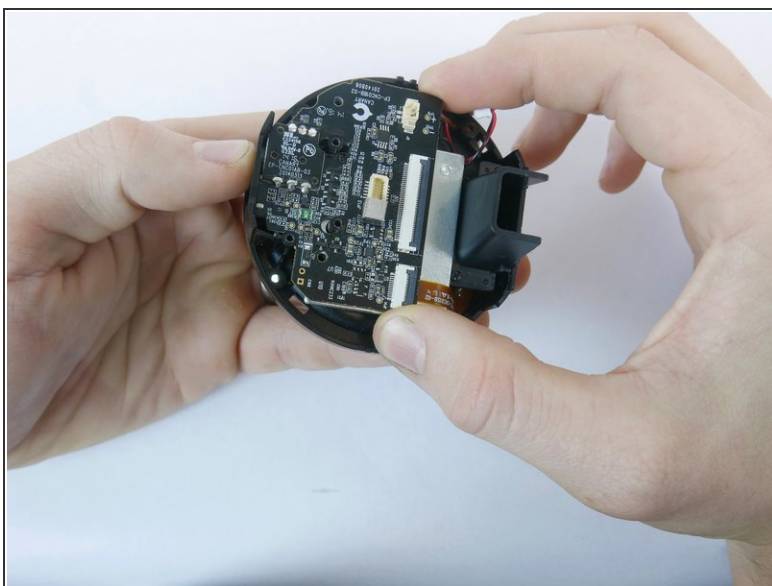This document was generated on 2019-09-22 04:30:54 AM (MST).

Step 11

- Remove the two Phillips #0 5mm screws.

Step 12

- Pull the board away from the bottom casing by lifting the end closest to the chimney up.

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

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