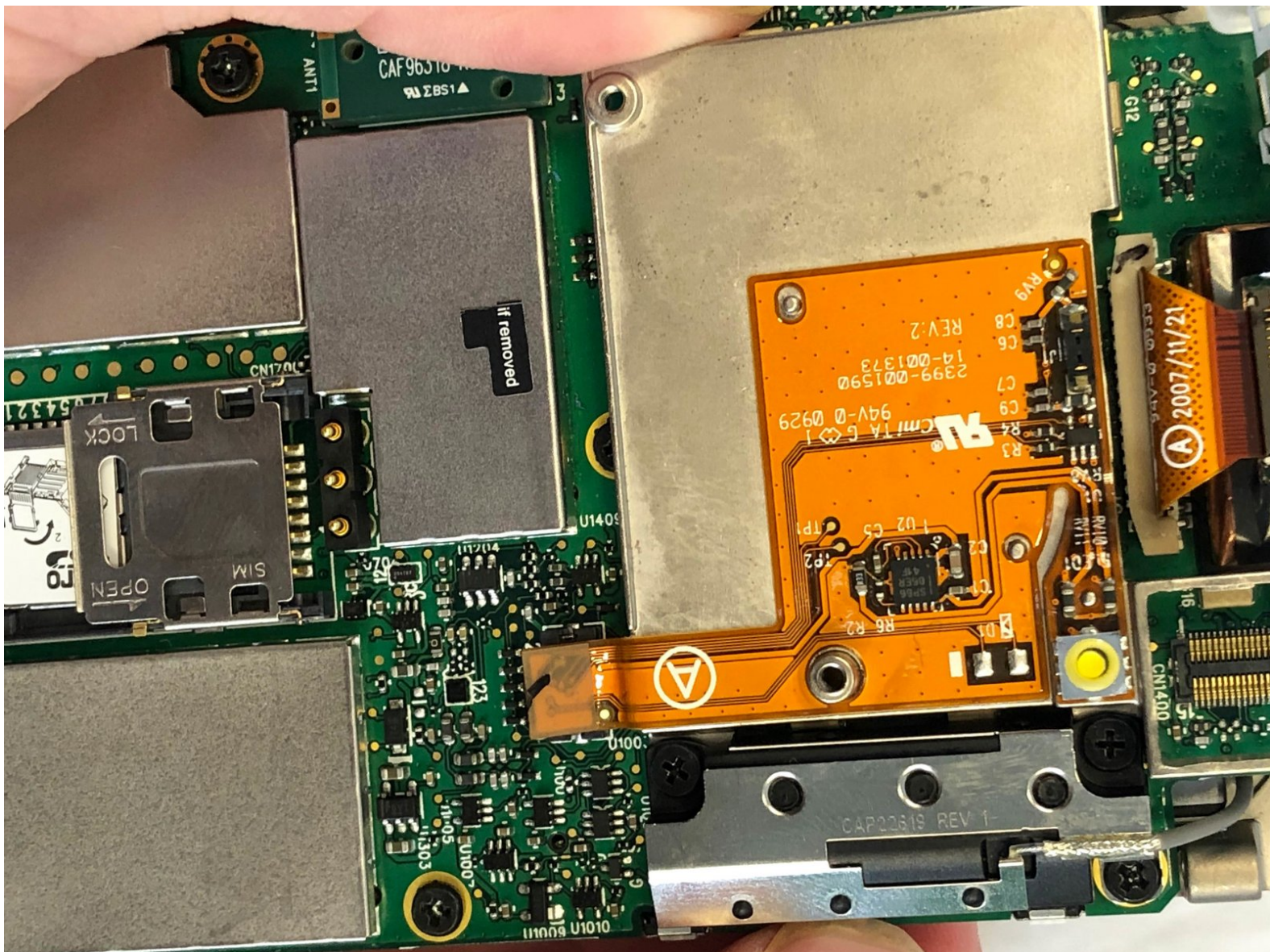




Motorola MC5590 LCD Screen Replacement

This guide will help the user to replace the LCD screen on the Motorola MC5590 device.

Written By: Tyler Jean



INTRODUCTION

This guide will help the user to replace the LCD screen on the MC55 series device. The MC55 series is intended for industrial and commercial use and the screen is thus likely to be broken. Here, the user will learn how to break down the device and replace a broken or faulty LCD screen.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
-

Step 1 — Battery



- Push in the battery release button.

Step 2



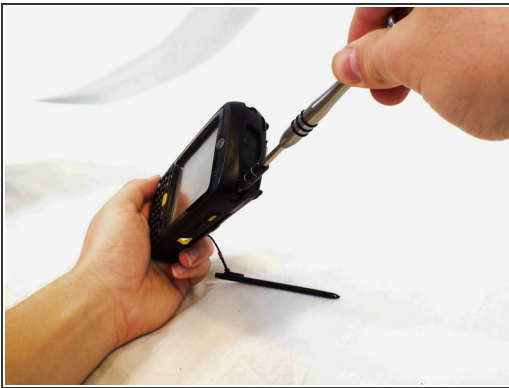
- Pull out battery.

Step 3 — Keyboard



- Remove the two rubber plugs on the top of the device by pushing them up and out of the phone.

Step 4



- Remove the four 1cm Phillips #0 screws from the top and bottom of the phone.

Step 5



- Use a plastic opening tool to remove the keyboard cover by prying up on its perimeter.

Step 6



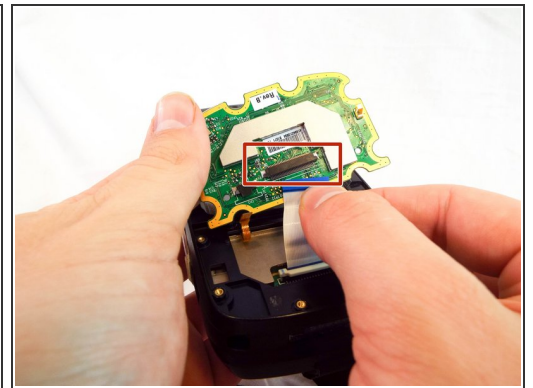
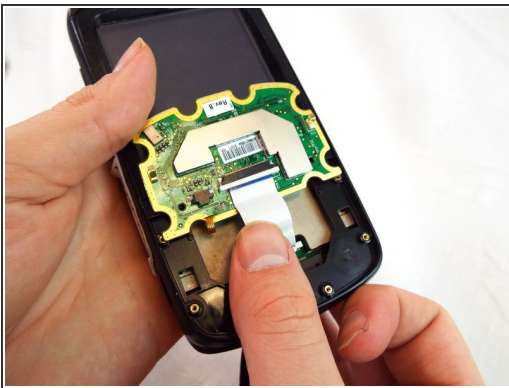
- Remove the eight 4mm Phillips #00 screws from the keyboard cover.

Step 7



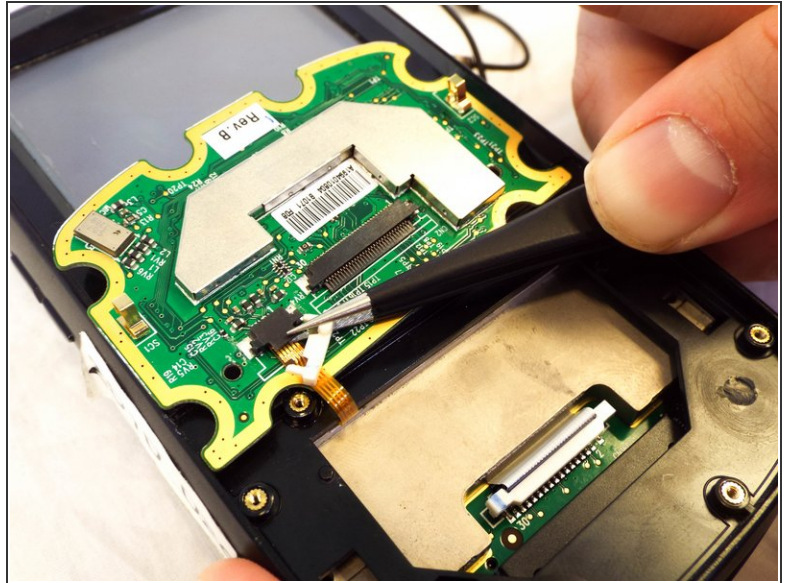
- Remove the keyboard cover.

Step 8



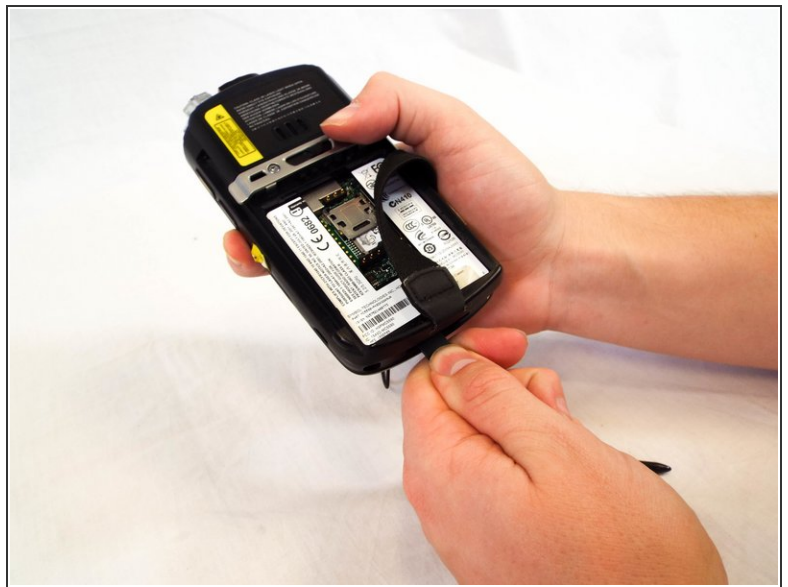
- Use a spudger to flip up the retaining flap on the keyboard ribbon cable [ZIF](#) socket.
- Pull the ribbon cable out of the socket.

Step 9



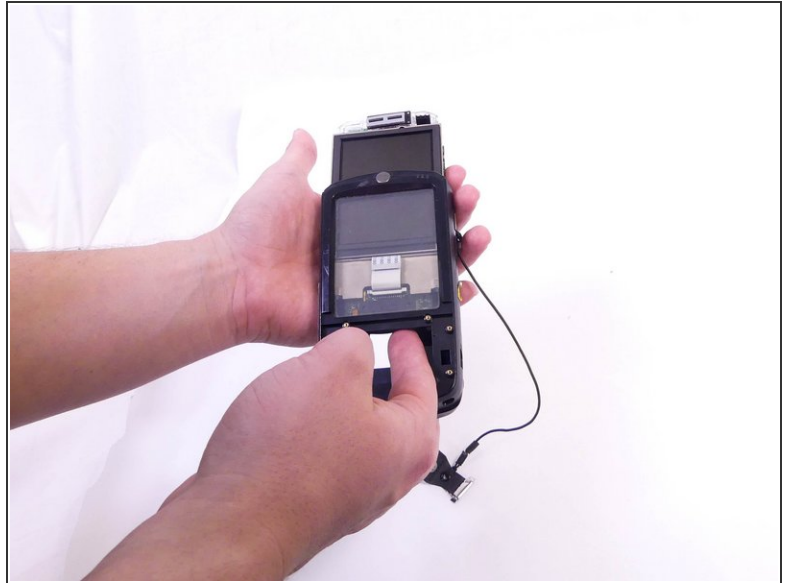
- Use a spudger to flip up the retaining flap on the display ribbon cable [ZIF](#) socket.
- Remove the keyboard from the device.

Step 10 — Speaker



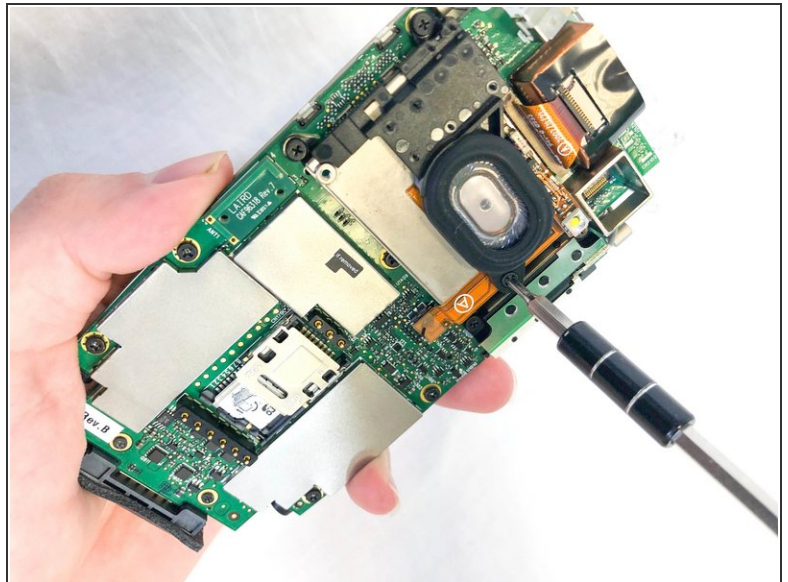
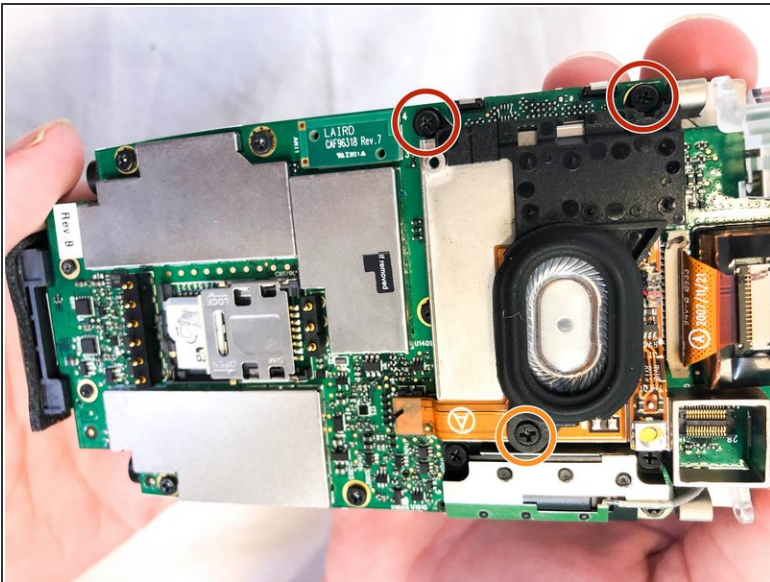
- Pull the black rubber tabs up gently and remove them.

Step 11



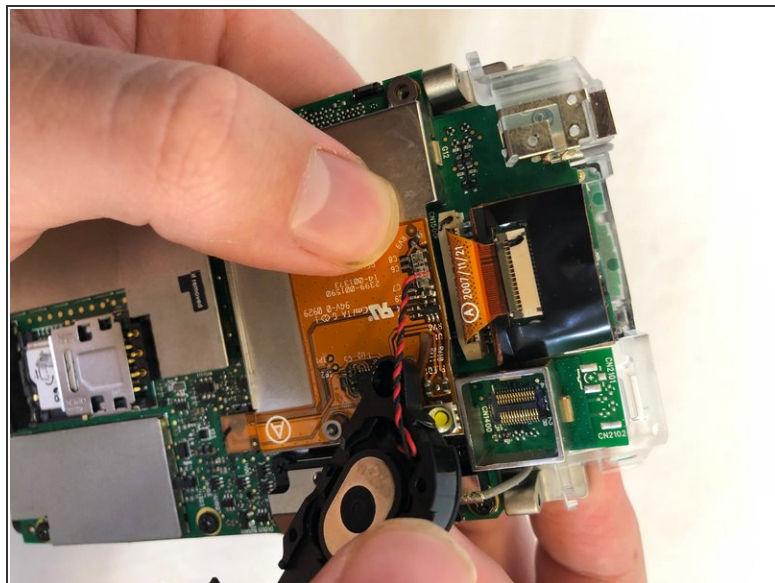
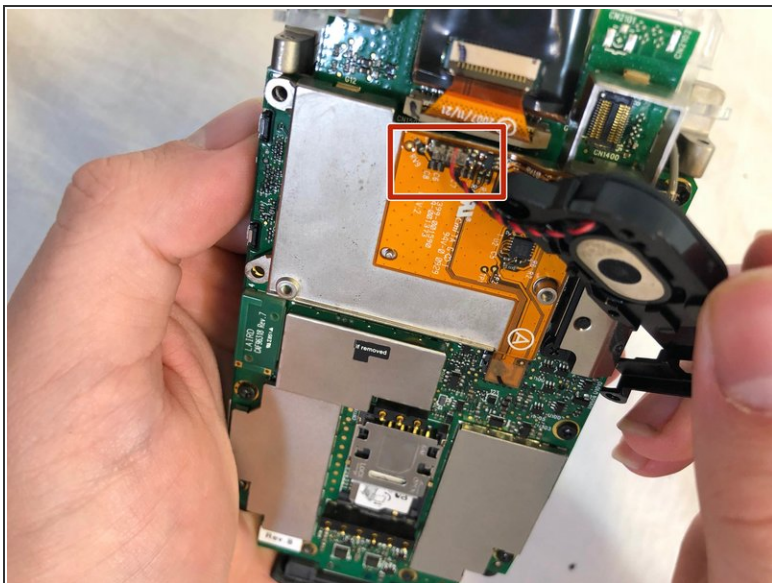
- Using your finger, or spudger, push the motherboard out from the bottom.

Step 12



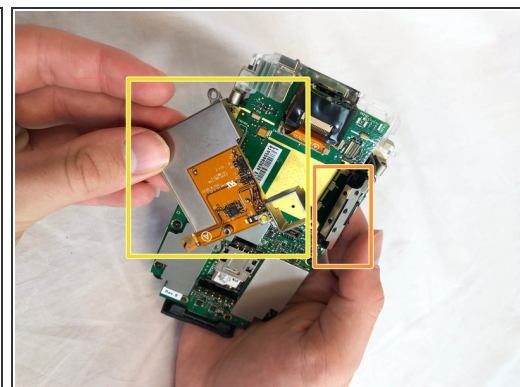
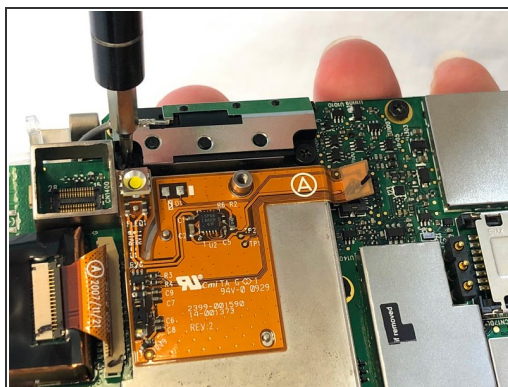
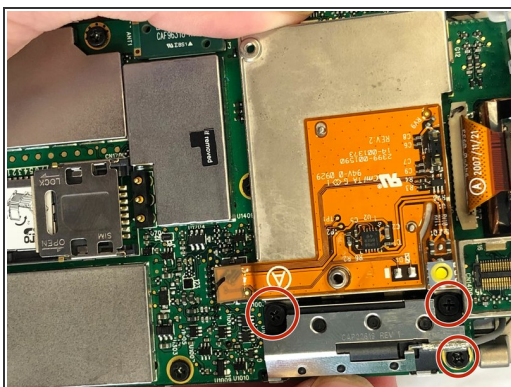
- Remove the three Phillips #00 screws from the motherboard:
 - Two 3mm screws.
 - One 1mm screw.

Step 13



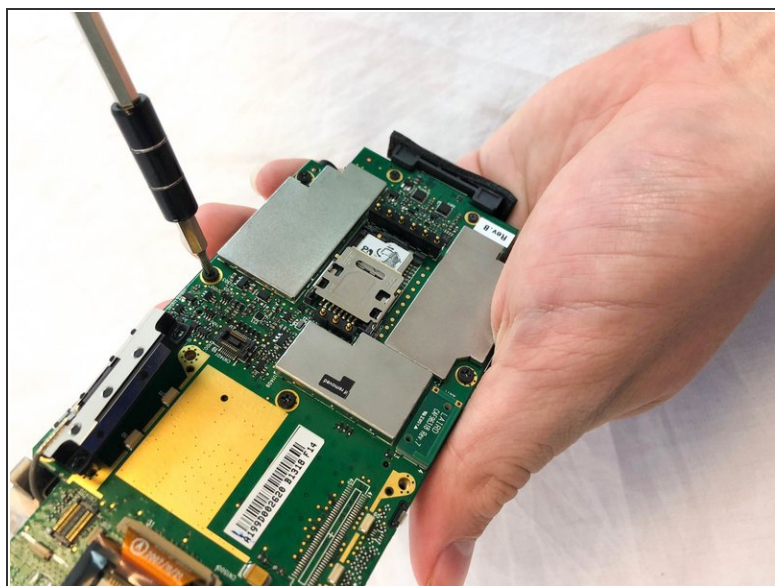
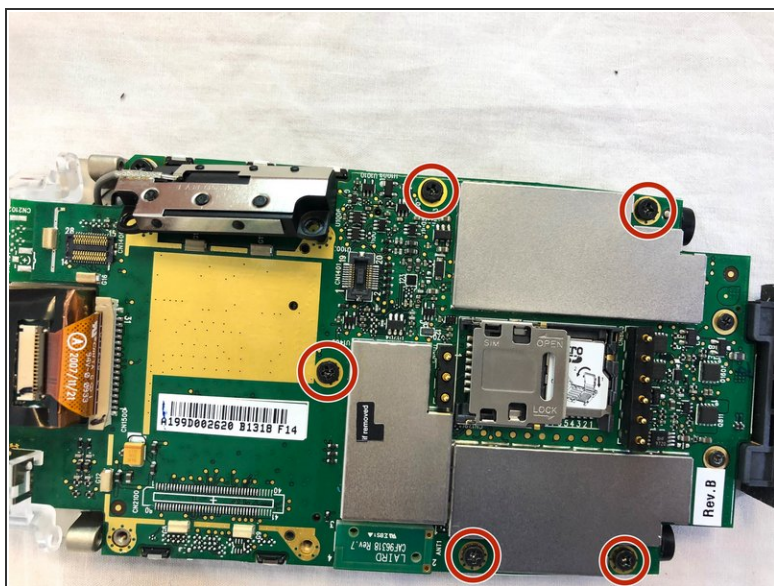
- Disconnect the speaker from the motherboard.

Step 14 — LCD Screen



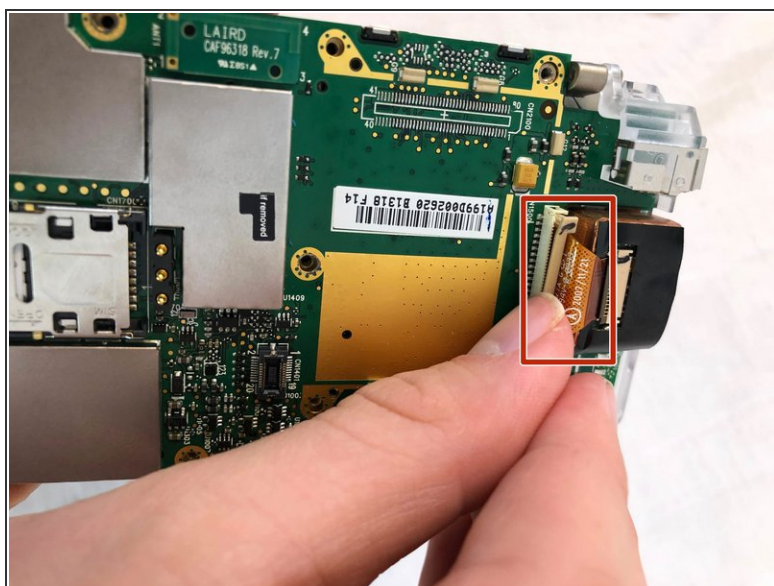
- Remove the the 3mm Phillips #00 screws from the flex cable cover and antenna.
- Remove the antenna.
- Remove the flex cable cover.

Step 15



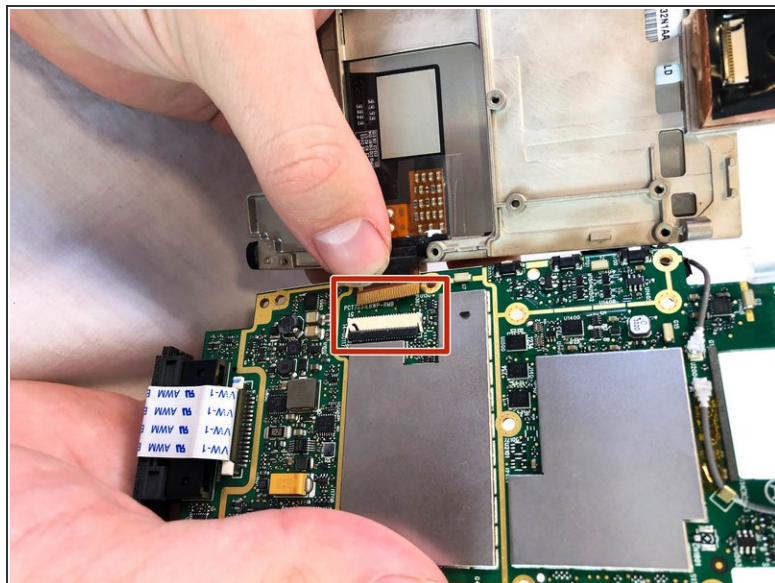
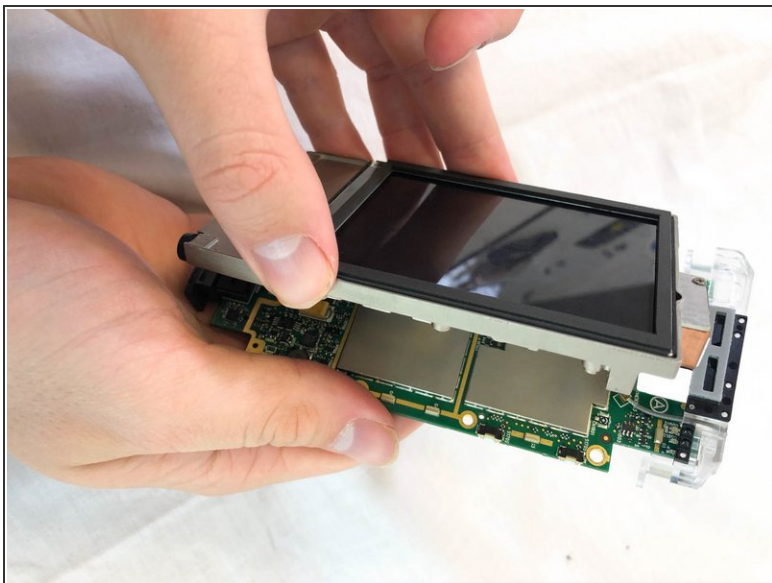
- Remove the five 3mm Phillips #00 screws from the motherboard.

Step 16



- Remove the scanner ribbon cable by pulling straight up and out.

Step 17



- Flip open the motherboard and the LCD screen.
- Open the LCD connector and remove the cable.
- Pull the LCD Screen and its metal bracket apart.

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