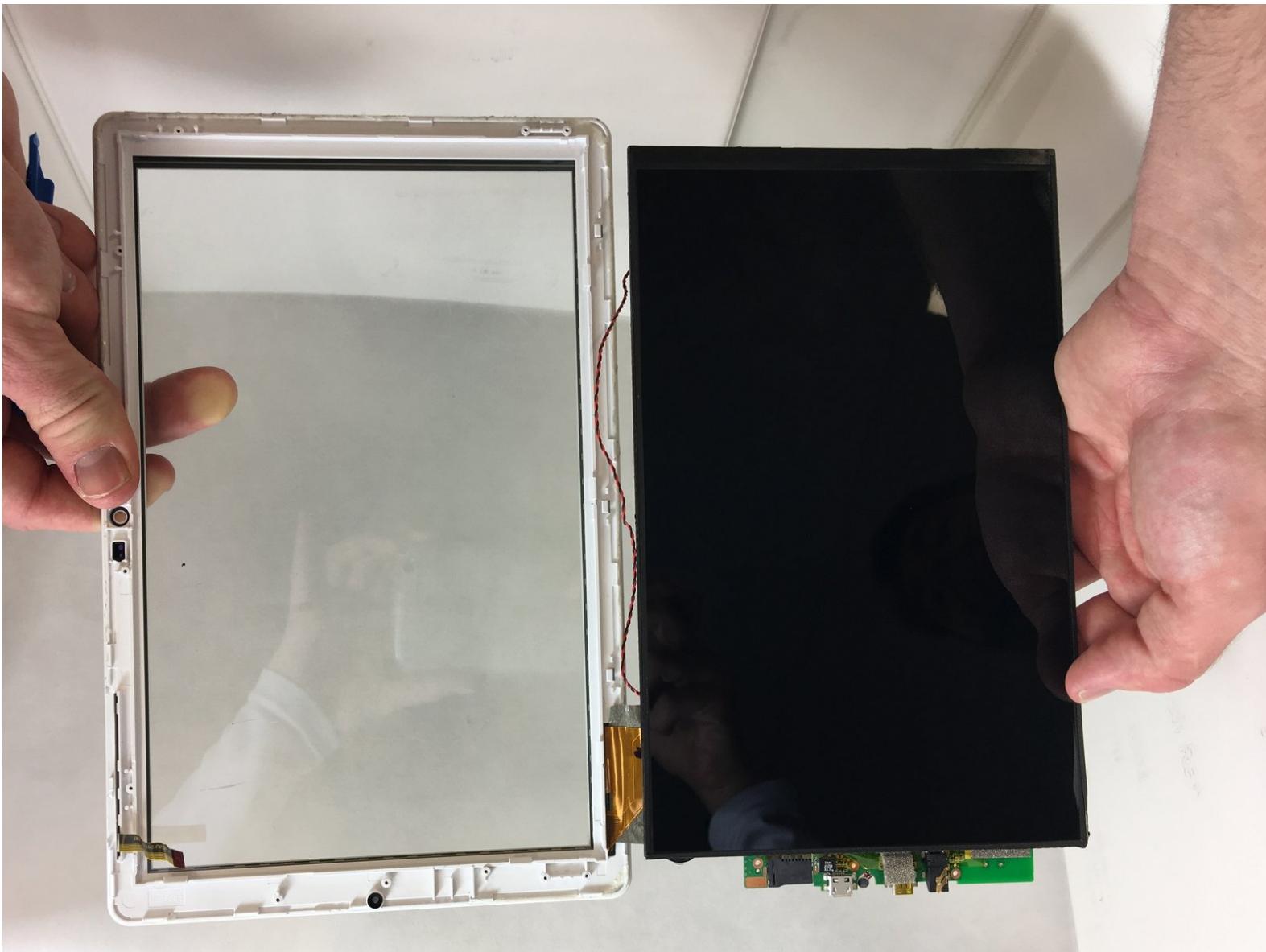




# Insignia Flex 10.1 NS-P16AT10 Screen Replacement

This guide will instruct you on how to replace the screen on the Insignia Flex 10.1 NS-P16AT10.

Written By: Morgan Kidd



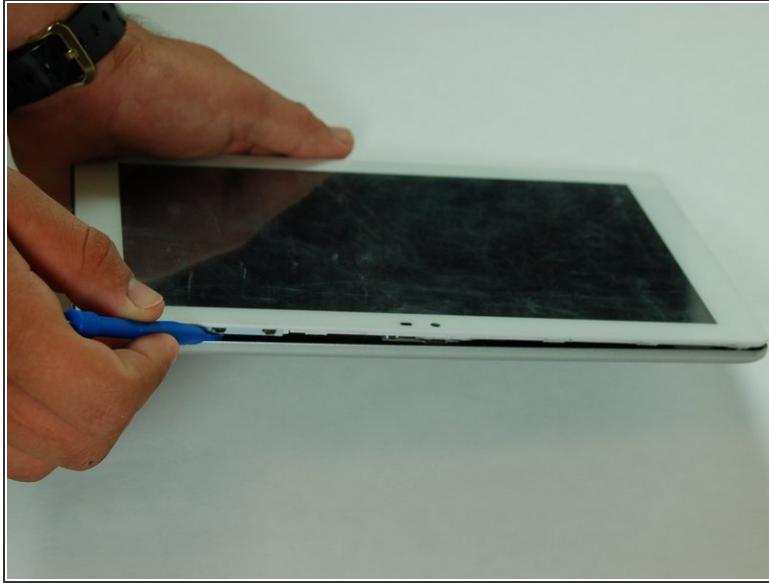
## INTRODUCTION

If your tablet display is not functioning or the image is distorted, you may need to replace the screen.

### TOOLS:

- [iFixit Opening Tools](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Soldering Iron](#) (1)

## Step 1 — Screen

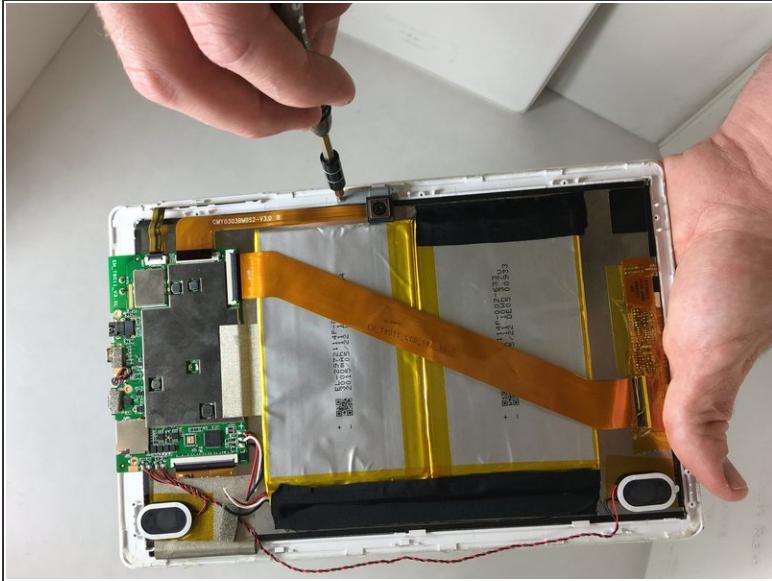
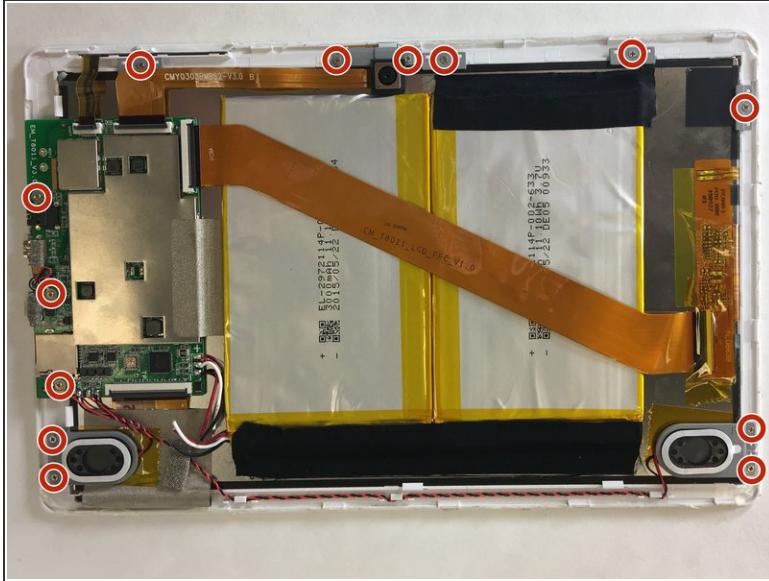


**⚠** Make sure your device is off and not connected to any power sources to avoid injury

- Use a plastic opening tool to remove the rear panel from the front case.
- Insert the plastic opening tool between the front case and rear panel. Use a prying motion to lift the front case from the rear panel.
- Work the tool around the perimeter of the device until the front and rear panels become separate.

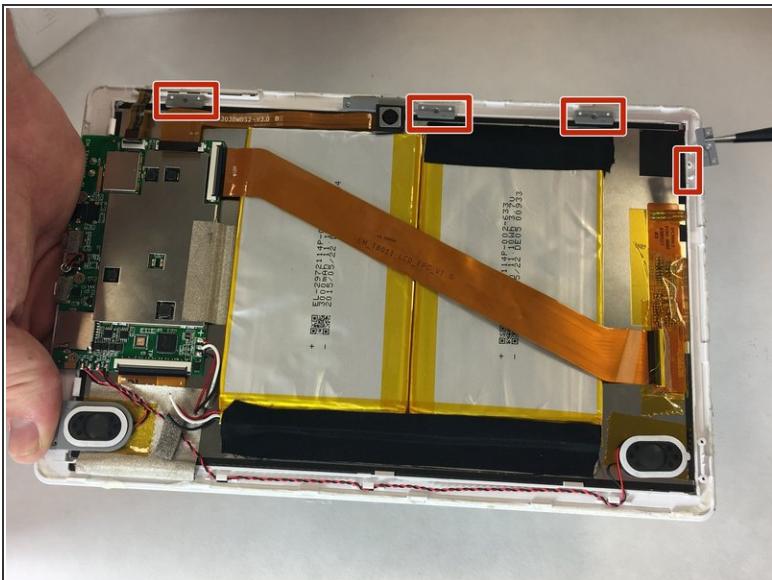
**ⓘ** The volume rocker and power button will become free from the device when the front and rear panels are separated from each other. Do not worry. These pieces are easily put back into place when reassembling the tablet.

## Step 2



- Use a Phillips head #00 screw driver to remove the thirteen screws.

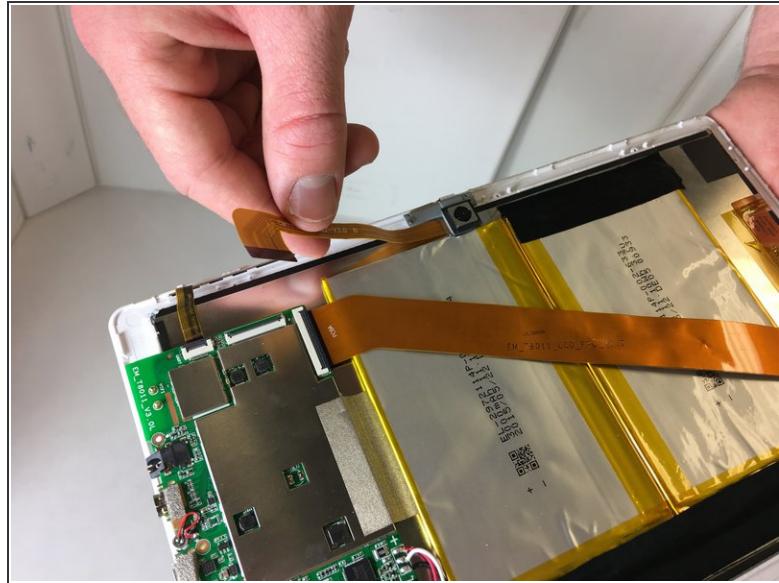
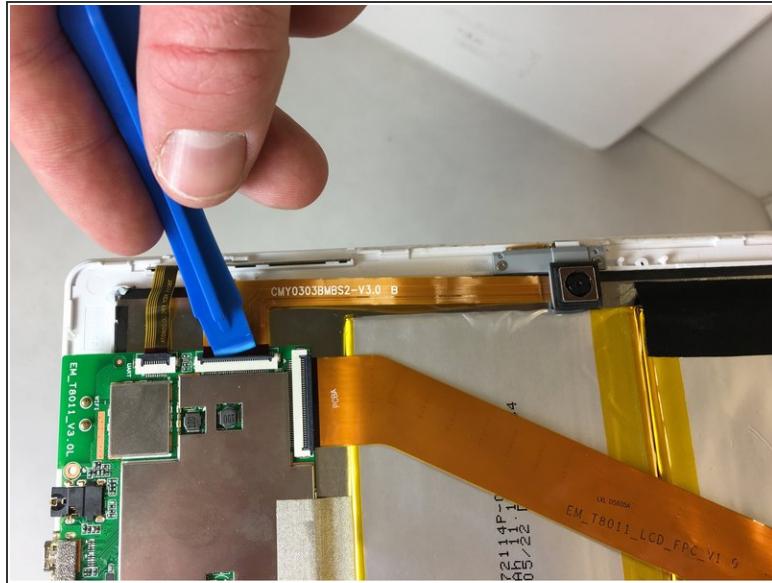
## Step 3



- Use tweezers to remove the gray pieces located around the speakers and four screws that were removed in the previous step.

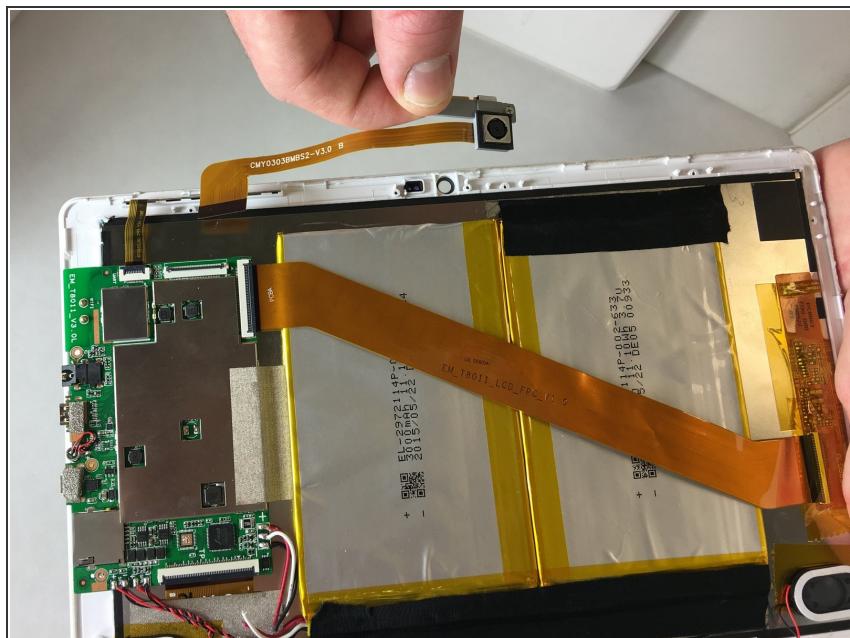
ⓘ There should be six grey pieces total.

## Step 4



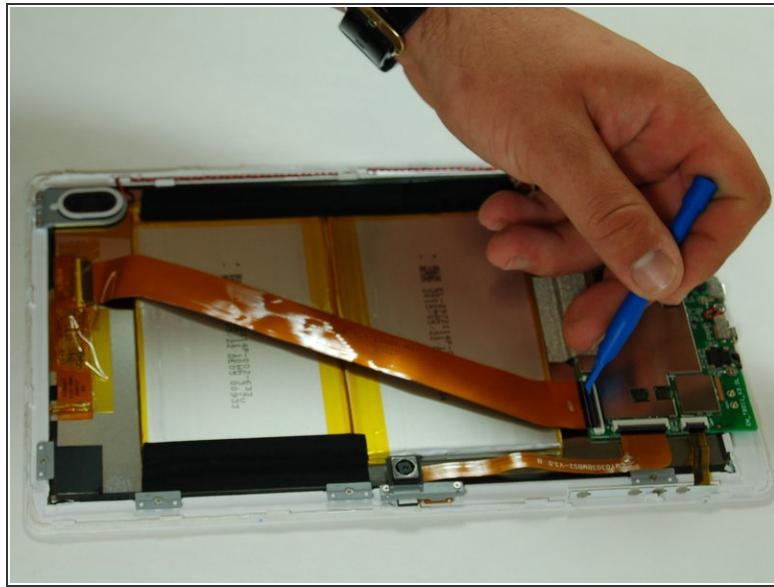
- Use a plastic opening tool to flip up the ribbon cable connector that connects the camera to the motherboard.

## Step 5



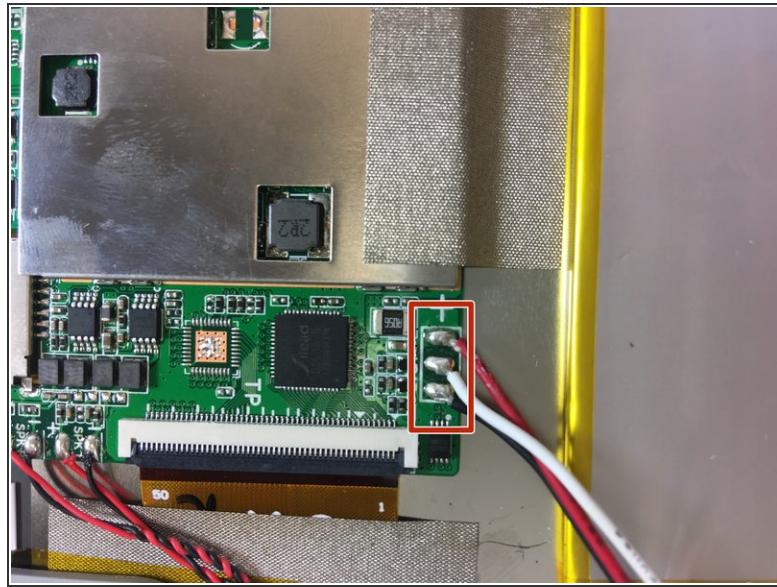
- Gently lift the camera lens up from the front case.

## Step 6



- Use a plastic opening tool to flip the ribbon connector up in order to free the ribbon cable from the motherboard.

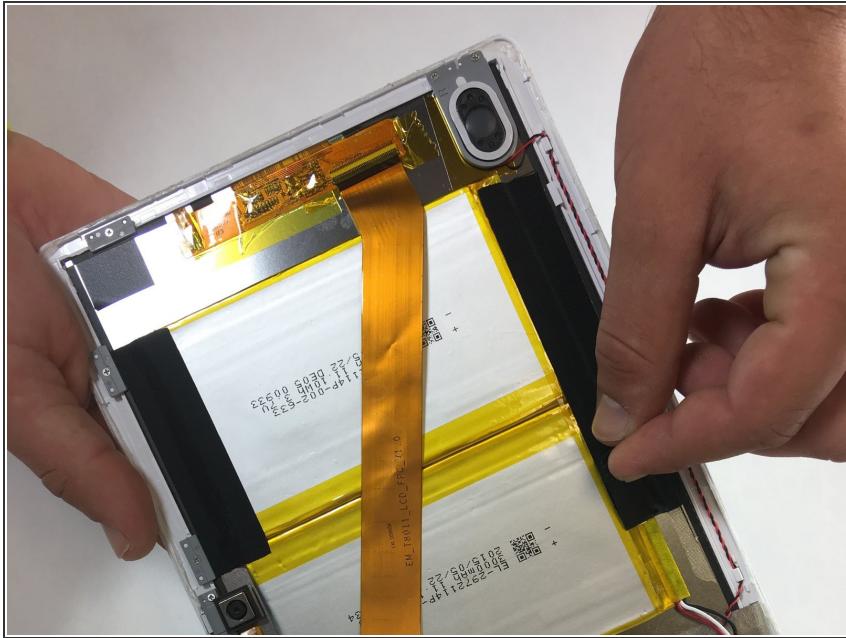
## Step 7



- Free the battery from the motherboard by desoldering the red, white, and black connections one by one.
- For soldering instructions, visit [this](#) guide.

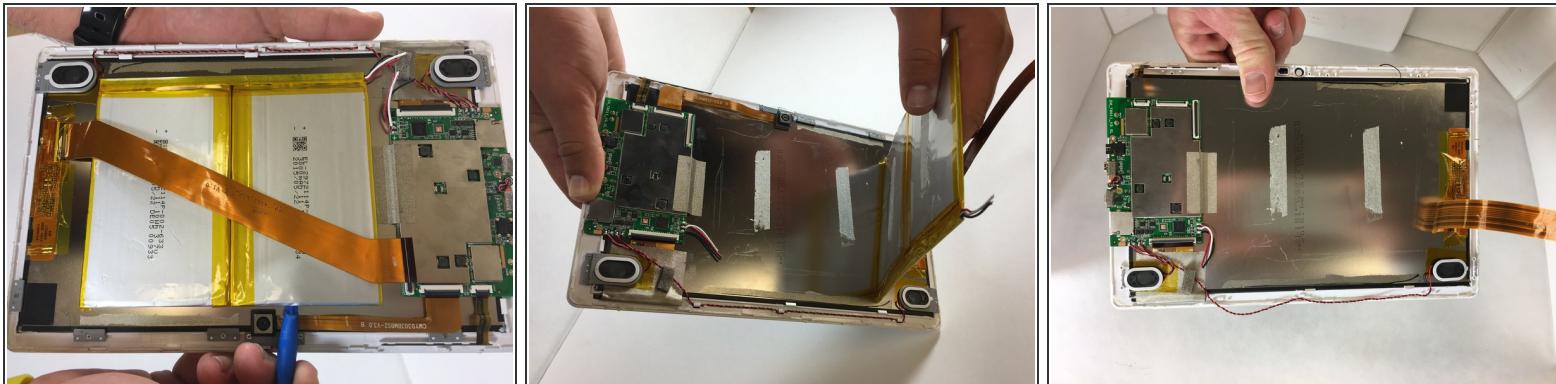
**⚠** Remove the soldering tip immediately once the wire has become free. Too much heat can damage the motherboard.

## Step 8



- Peel the black tape up that is attached to the battery and front case.

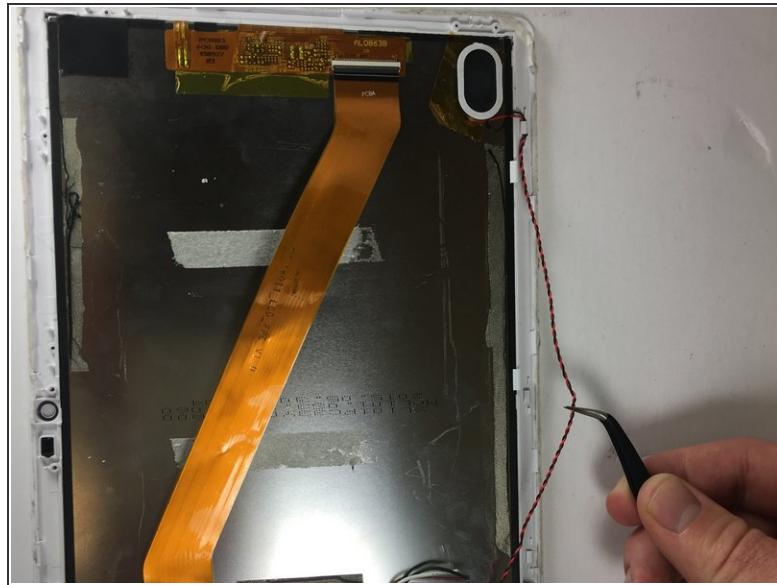
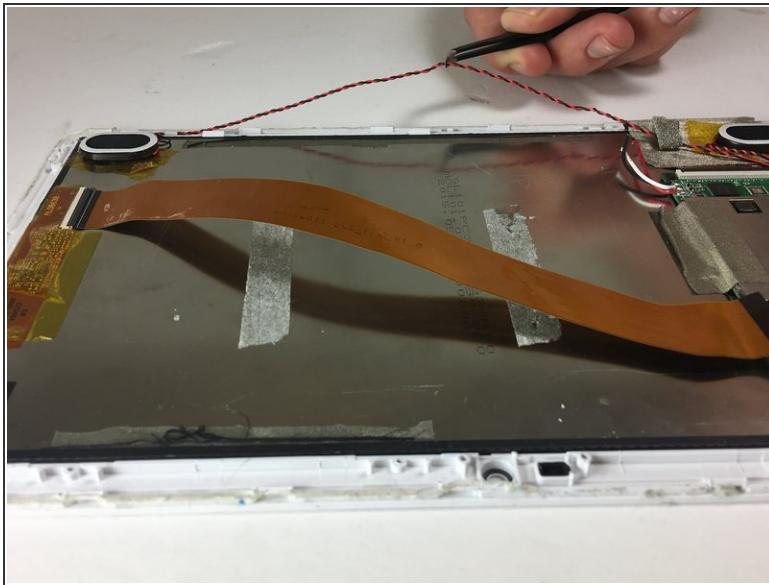
## Step 9



- Use a plastic opening tool or spudger to remove the battery from the front case.
- Place the plastic opening tool between the battery and front case. Work the tool around the perimeter of the battery until the battery is free.

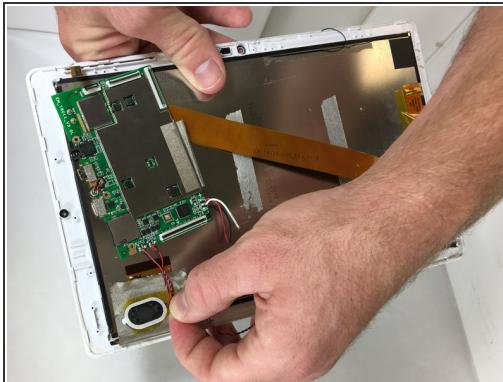
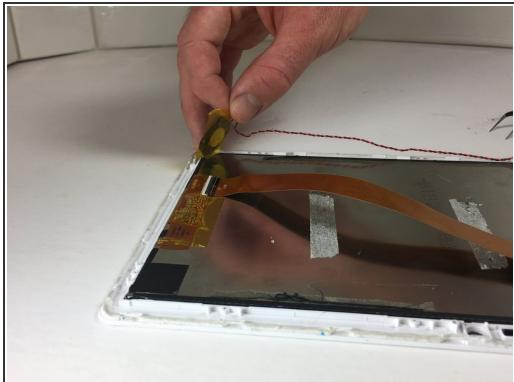
**⚠** Do not bend or puncture the battery, or the battery will leak.

## Step 10



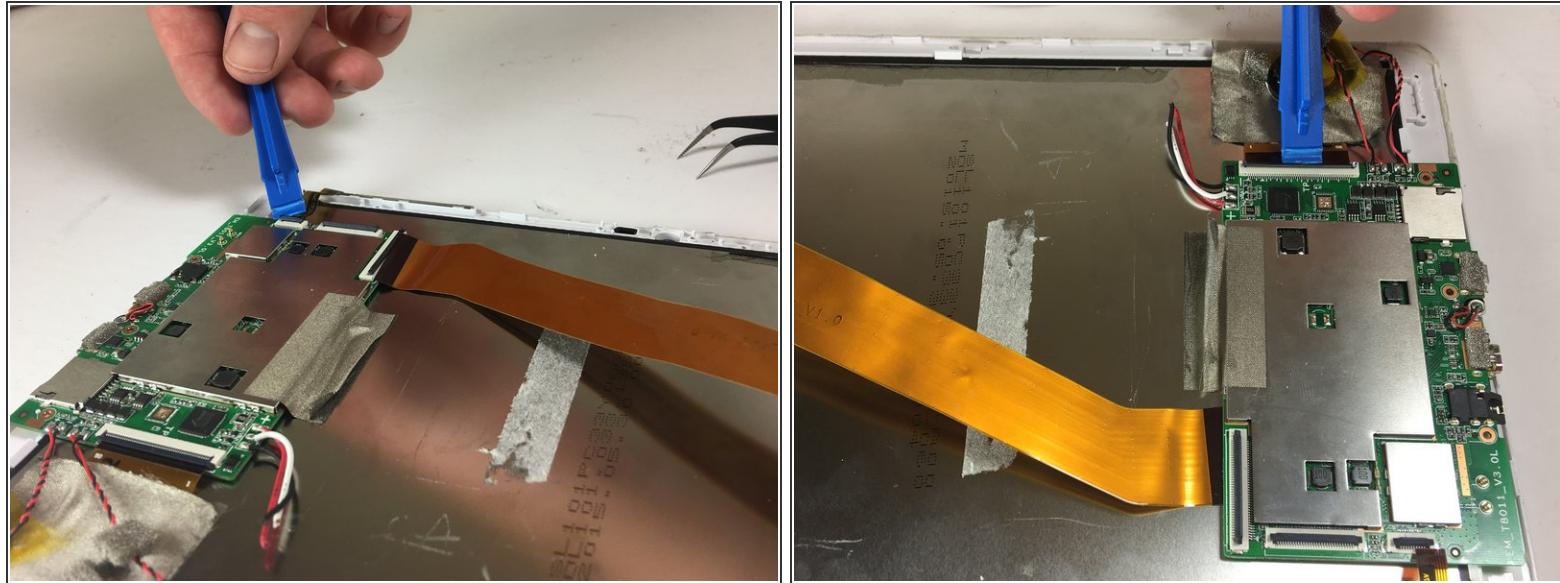
- Use tweezers to free the twisted, red and black wire from the three clips on the front case.

## Step 11



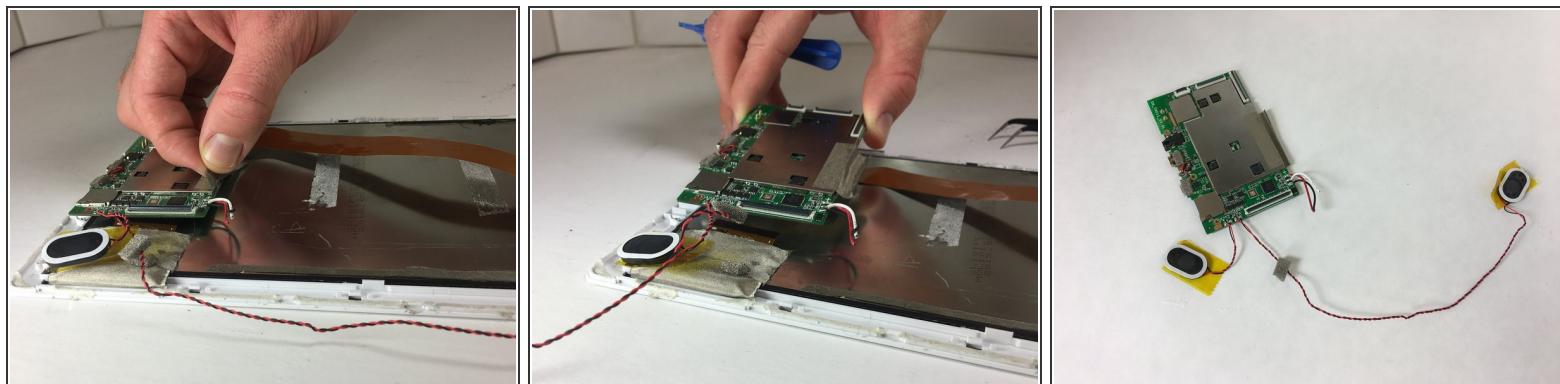
- Remove the speakers from the tablet by gently pulling the yellow tape up from the front case.

## Step 12



- Use a plastic opening tool to flip up the ribbon cable connectors that connect the touch digitizer to the motherboard.

## Step 13



- Gently lift the gray mesh tape up that holds the motherboard down to the front case.
- Lift the motherboard up from the front case.

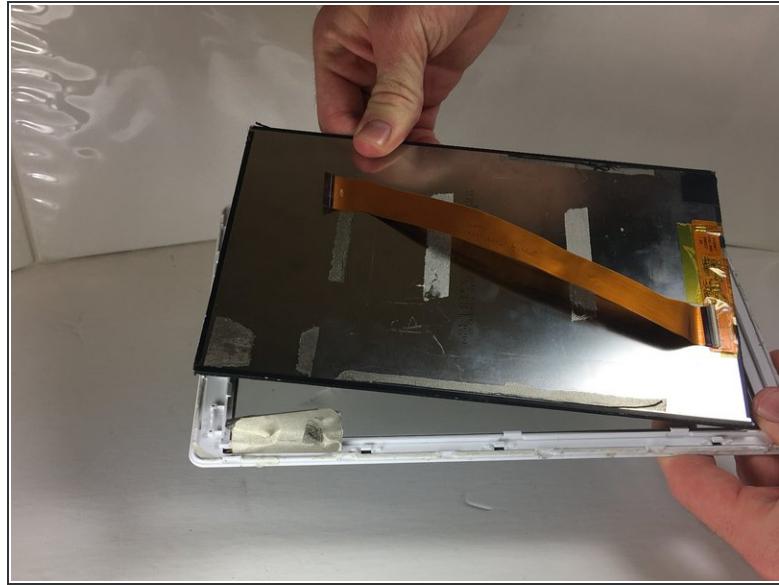
ⓘ The speakers are directly connected to the motherboard and will come up with the motherboard.

## Step 14



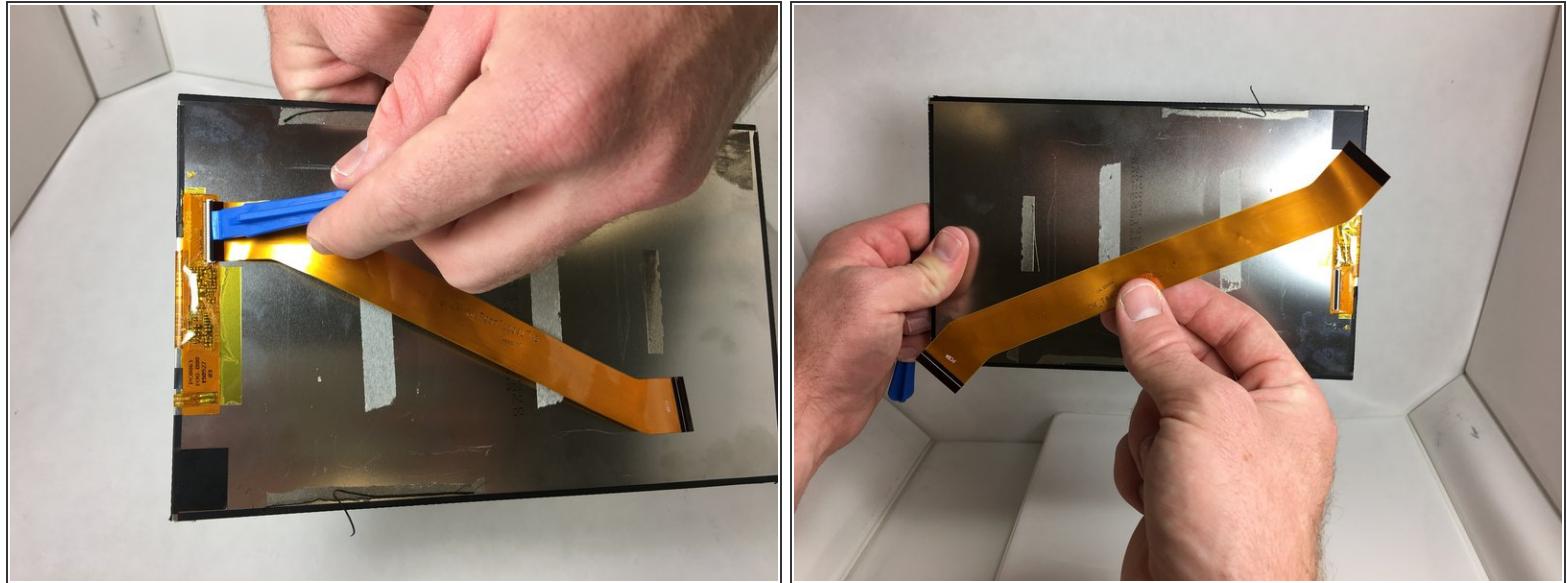
- Peel away the grey mesh tape that holds down the touch digitizer's ribbon cable to the front case.

## Step 15



- Use a plastic opening tool to separate the front case from the LCD screen.
- Insert the plastic opening tool between the front case and rear LCD screen. Use a prying motion to lift the LCD screen from the front case.

## Step 16



- Use a plastic opening tool to flip up the last ribbon cable on the screen.
- Free the ribbon cable from the LCD screen.

## Step 17



- The screen is now free and ready to be replaced.

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