



# Moto C Screen Assembly Replacement

This guide shows how to replace a broken or cracked screen of a Motorola Moto C.

Written By: Dominik Schnabelrauch



## INTRODUCTION

Use this guide to replace the screen of your Motorola Moto C due to a defective LCD or broken front panel.

You'll need replacement adhesive to reattach components during reassembly.

### TOOLS:

- Spudger (1)
- iFixit Opening Picks set of 6 (1)
- T5 Torx Screwdriver (1)
- iOpener (1)
- Tweezers (1)

### PARTS:

- Moto C Screen (1)
- Precut Adhesive Card (1)

## Step 1 — Back Cover



*(i)* Power off your phone before beginning disassembly.

- Insert a thumbnail, or spudger, into the notch on the bottom right corner to start separating the phone unit from the back cover.
- Move it to the bottom left corner and pry the phone unit out of the back cover until you can get a good grip.

## Step 2



- Lift the phone out of the back cover.

## Step 3 — Battery



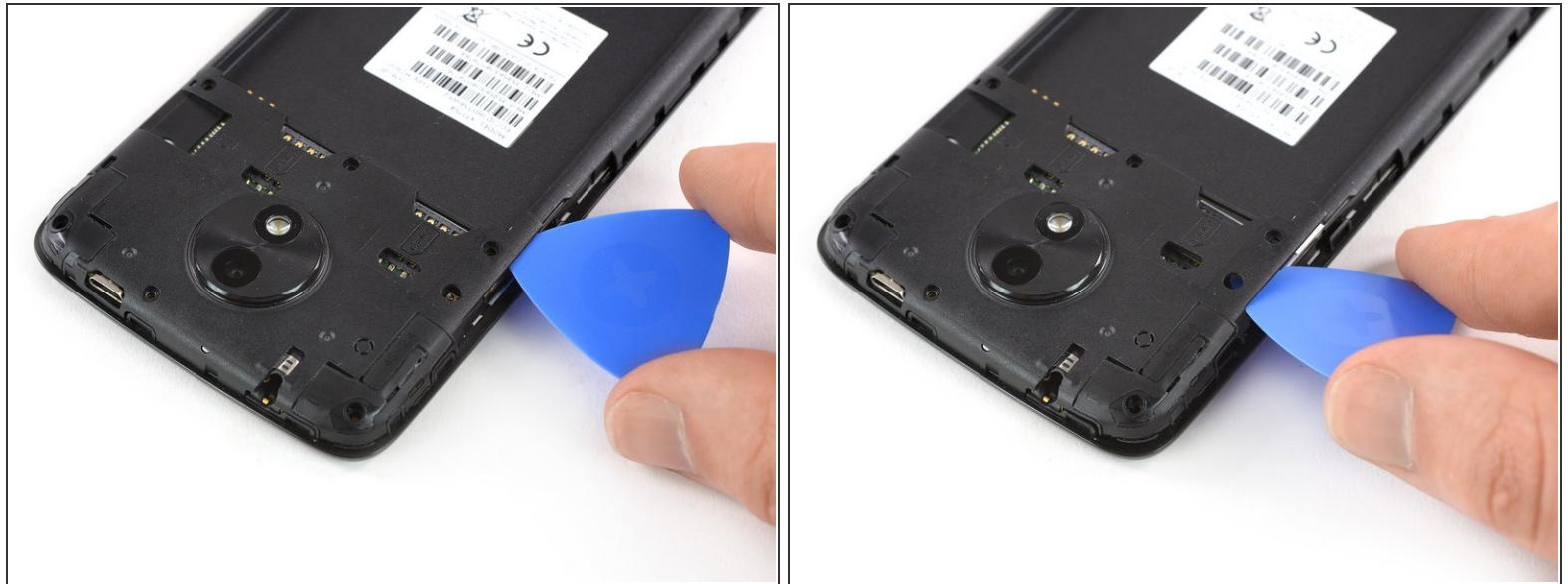
- Use a finger or spudger to lever the battery out of its recess and remove it.

## Step 4 — Motherboard Cover



- Remove the six 3.5 mm long Torx T5 screws.

## Step 5



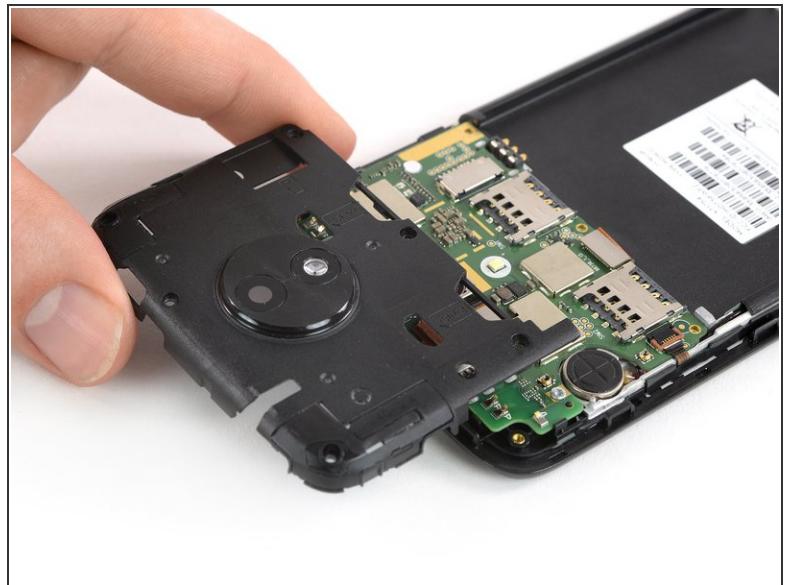
- Insert an opening pick between the cover and the motherboard near the SIM 2 slot where the power buttons are located.
- Slide and twist the opening pick to pry open the plastic clips securing the cover.

## Step 6



- Slide an opening pick between the cover and the motherboard on the opposite side next to the SD card slot.
- Twist the opening pick to pry open the plastic clips securing the cover.

## Step 7



- Remove the motherboard cover.

## Step 8 — Daughterboard Cover



- Remove the four 3.5 mm long Torx T5 screws.
- *(i)* Some screws might be covered with stickers.

## Step 9



- Apply the edge of an opening pick to the bottom right corner under the daughterboard cover.
- Twist the opening pick to open the plastic clamps of the daughterboard cover.
- Slide the opening pick to the left and pry it upwards until you can get a good grip on the daughterboard cover.

## Step 10



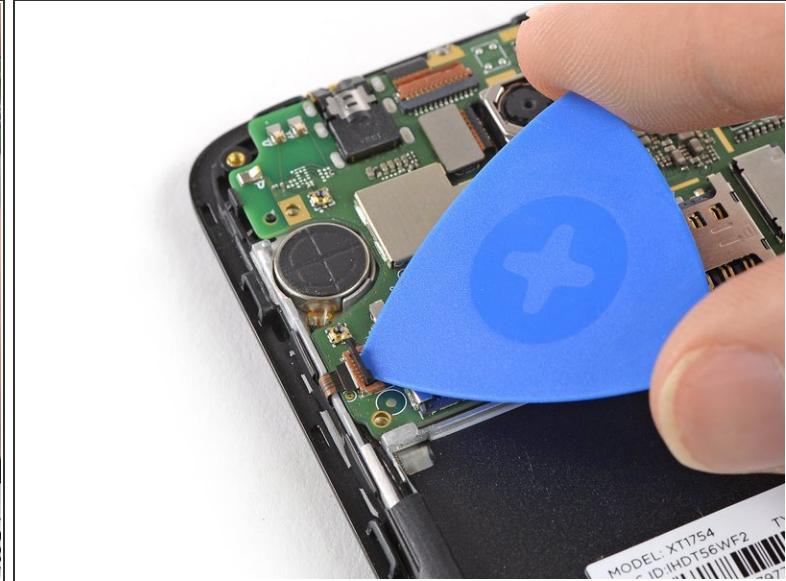
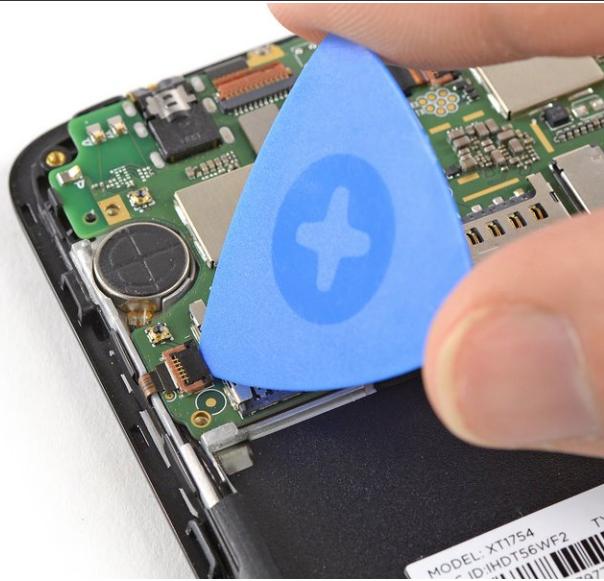
- Remove the daughterboard cover.

## Step 11 — Motherboard Assembly



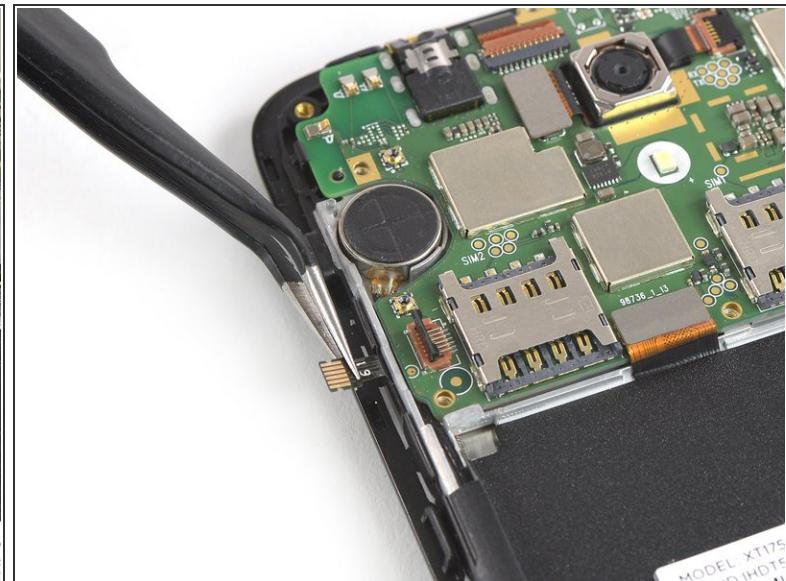
- Remove the three 2.5 mm long T5 Torx screws.

## Step 12



- Use the tip of an opening pick to pry up and open the black lever of the ZIF connector located on the bottom left of the motherboard.

## Step 13



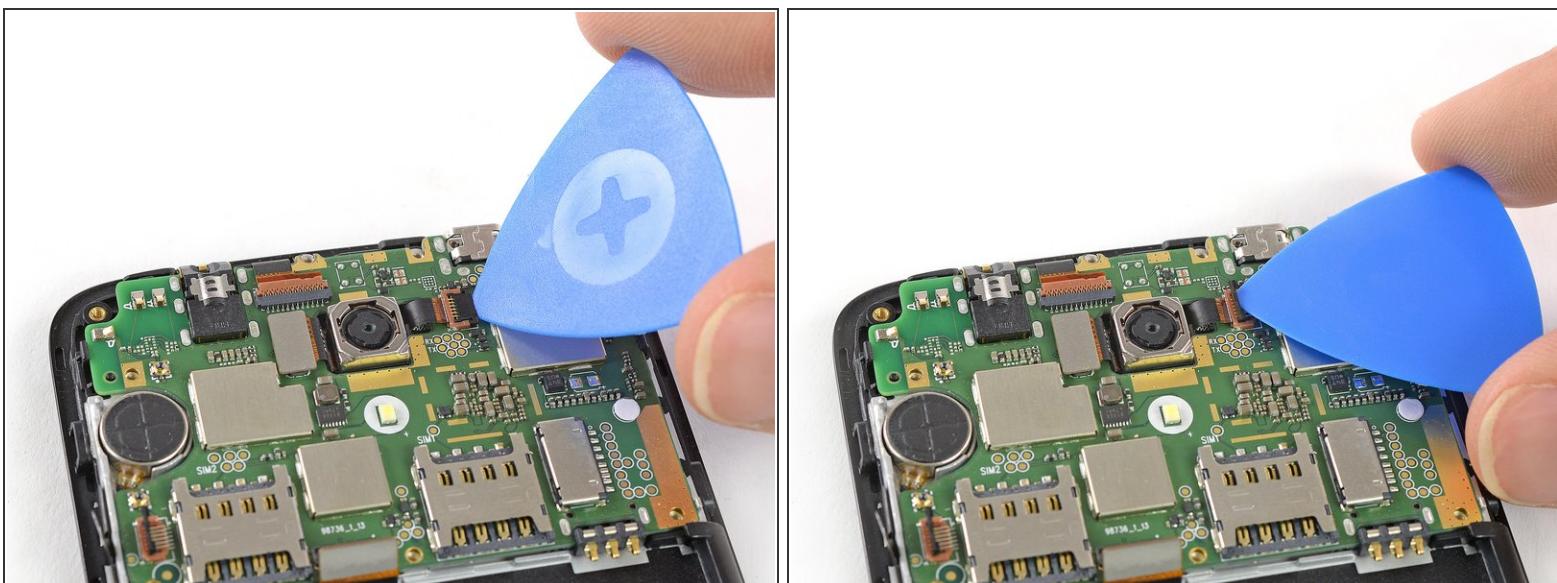
- Use a pair of tweezers to pull the power and volume button flex cable out of the ZIF connector.
- Fold the power and volume button flex cable out of the way.

## Step 14



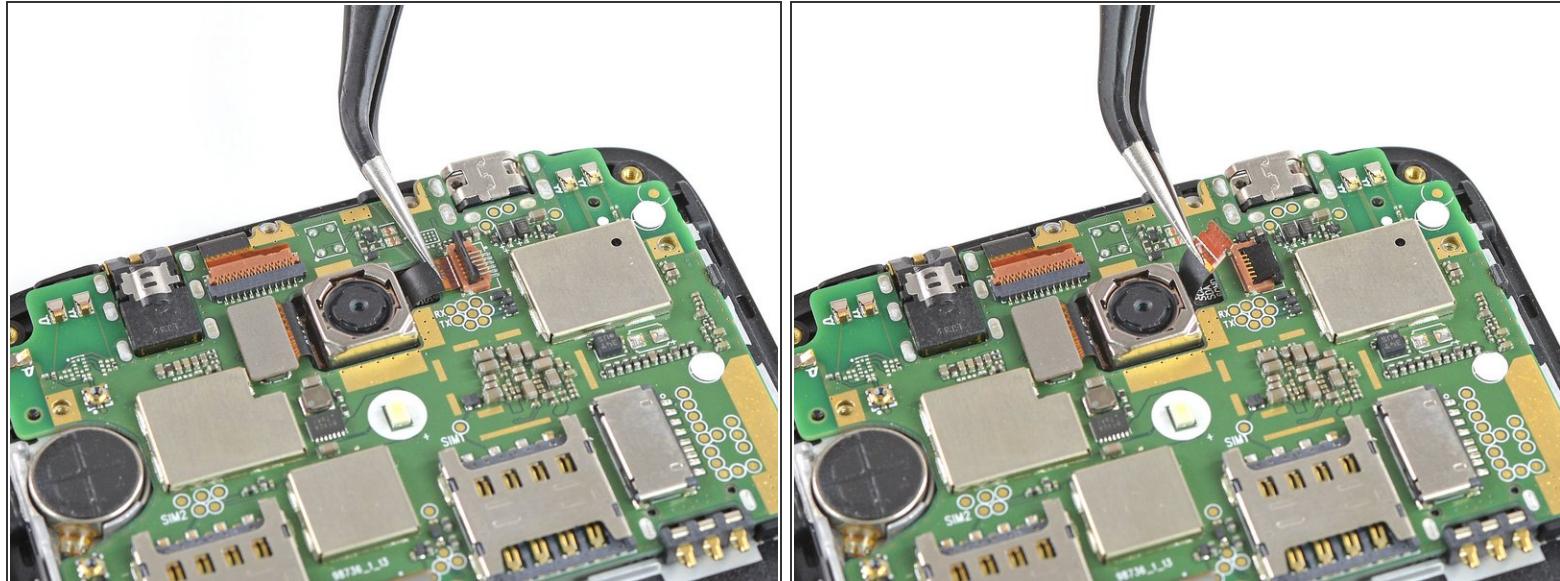
- Use the flat end of a spudger to pry up and disconnect the display flex cable located at the bottom of the motherboard.

## Step 15



- Use the tip of an opening pick to pry up and open the black lever of the ZIF connector located at the top of the motherboard next to the rear camera.

## Step 16



- Use a pair of tweezers to pull the digitizer flex cable out of the ZIF connector.

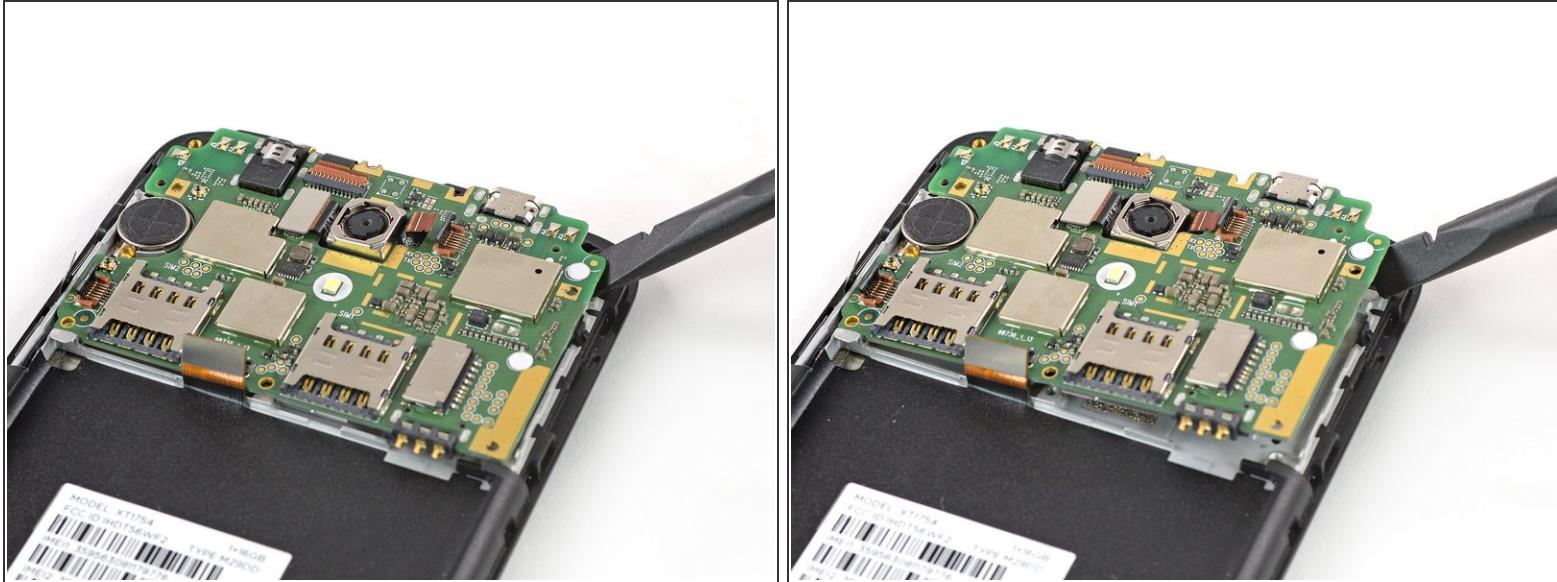
## Step 17



- [Prepare an iOpener](#) and apply it to the upper half of the display for at least two minutes to loosen the

adhesive beneath the vibration motor and the rear facing camera.

## Step 18



⚠ Don't try to remove the motherboard all the way yet. The antenna cable is still connected to its rear side.

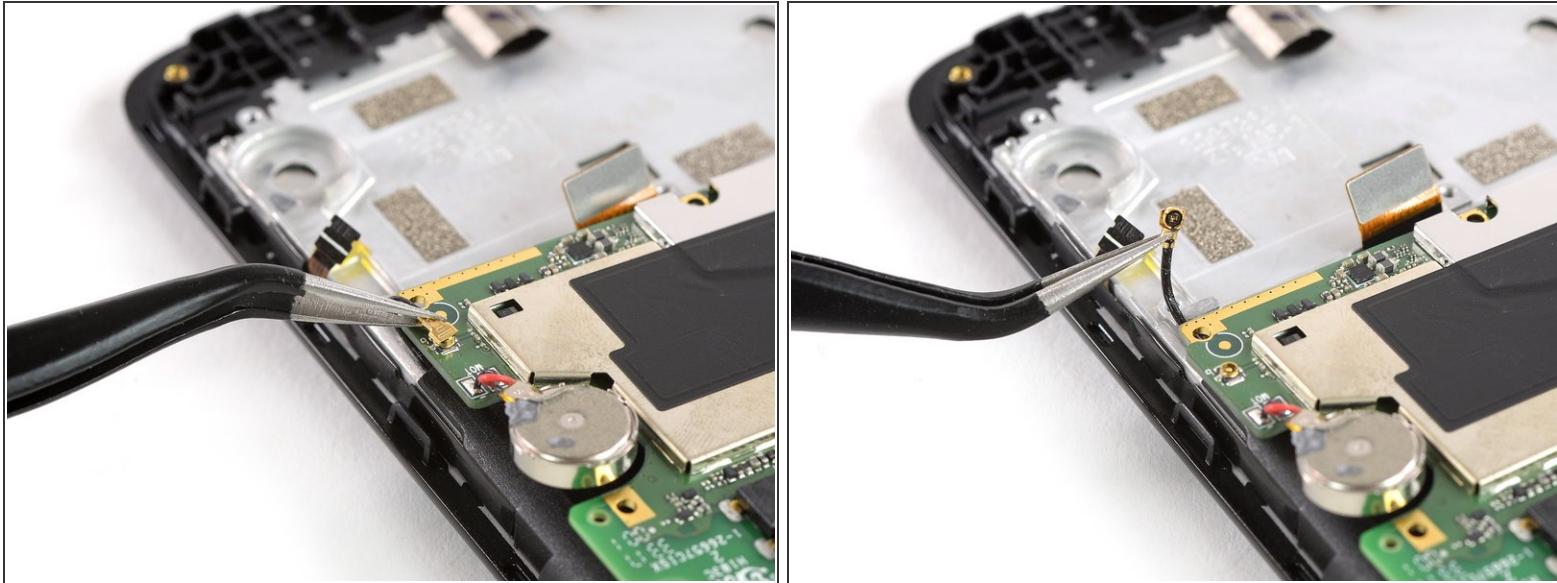
- Use a spudger to carefully lift the motherboard until you can get a good grip. Avoid to damage the cables next to the motherboard.

## Step 19



- Fold the motherboard over the battery cavity to access the coaxial cable connectors.

## Step 20



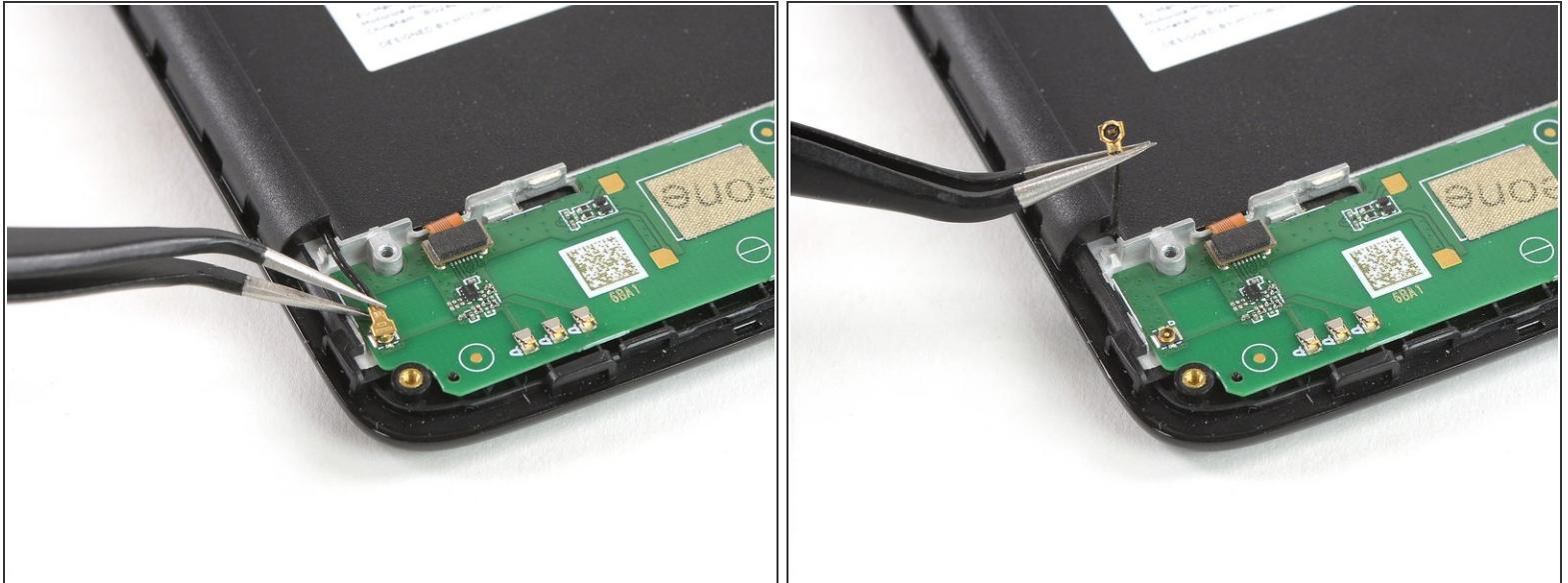
- Use a pair of tweezers to pry up and disconnect the antenna cable from the back of the motherboard.

## Step 21



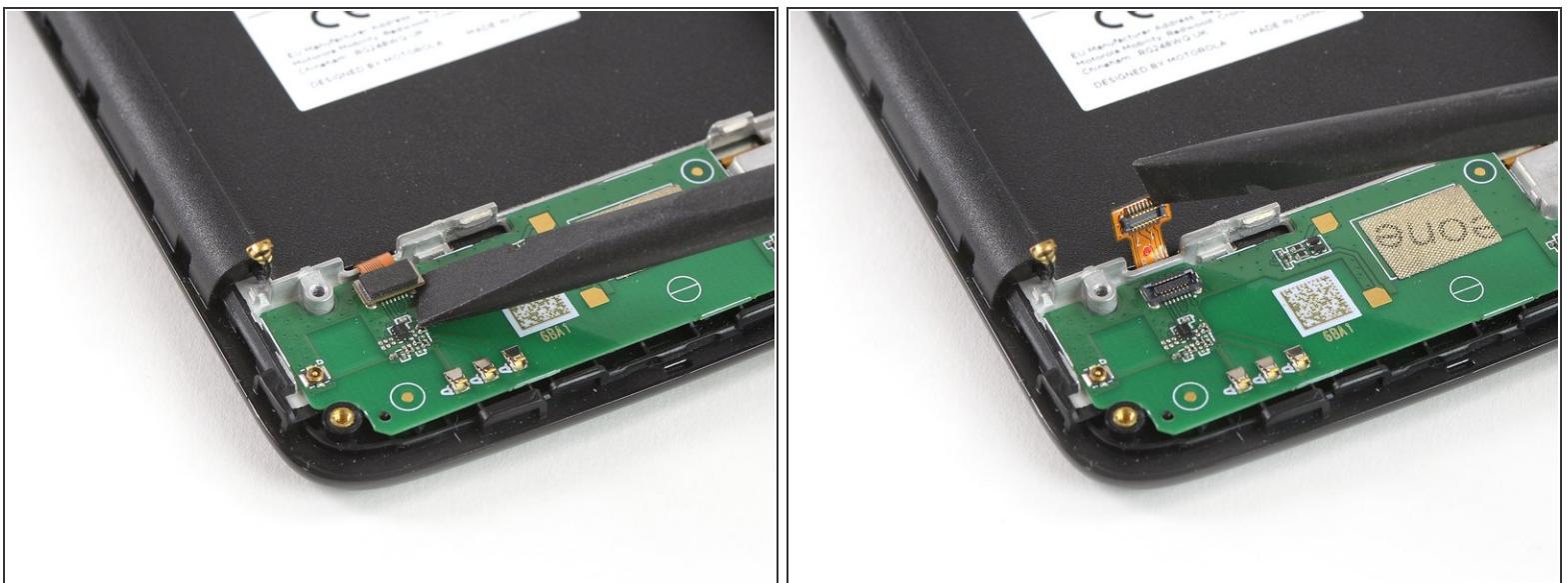
- Remove the motherboard.

## Step 22 — Daughterboard



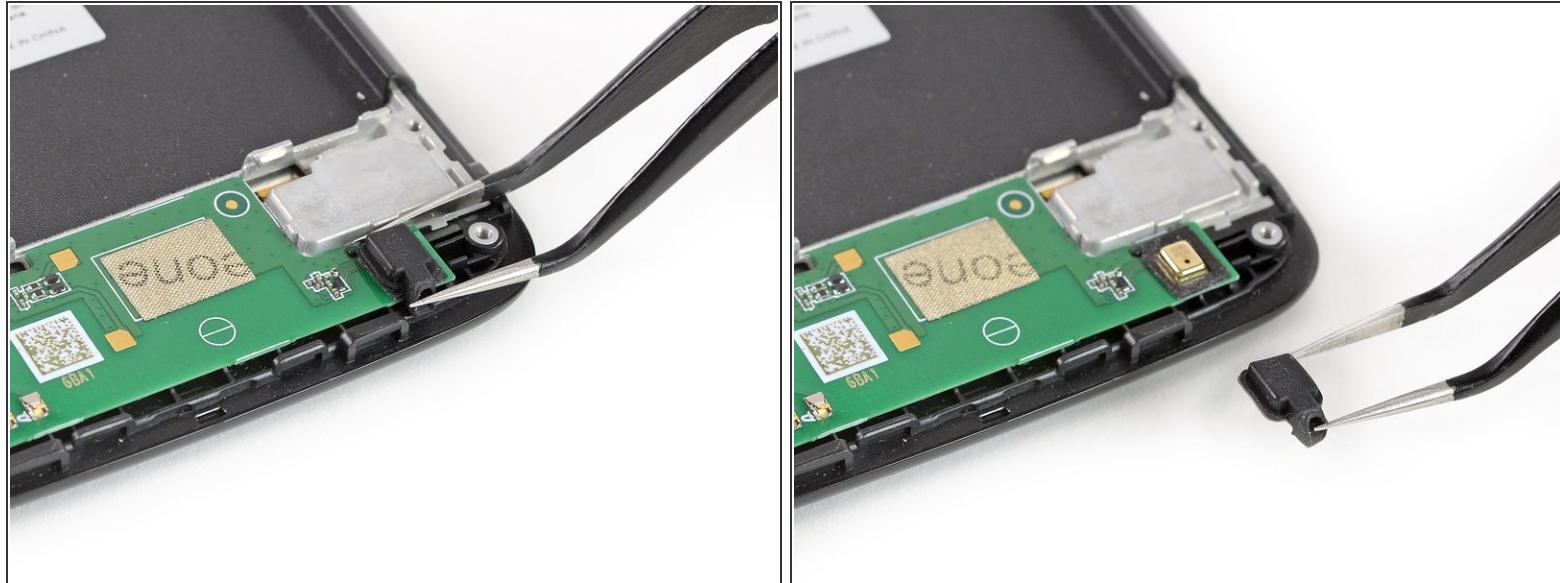
- Use a pair of tweezers to disconnect the antenna cable on the left of the daughterboard.

## Step 23



- Use a spudger to disconnect the digitizer flex cable on the upper left of the daughterboard.

## Step 24



- Use a pair of tweezers to remove the rubber gasket that covers the microphone on the bottom right of the daughterboard.

## Step 25



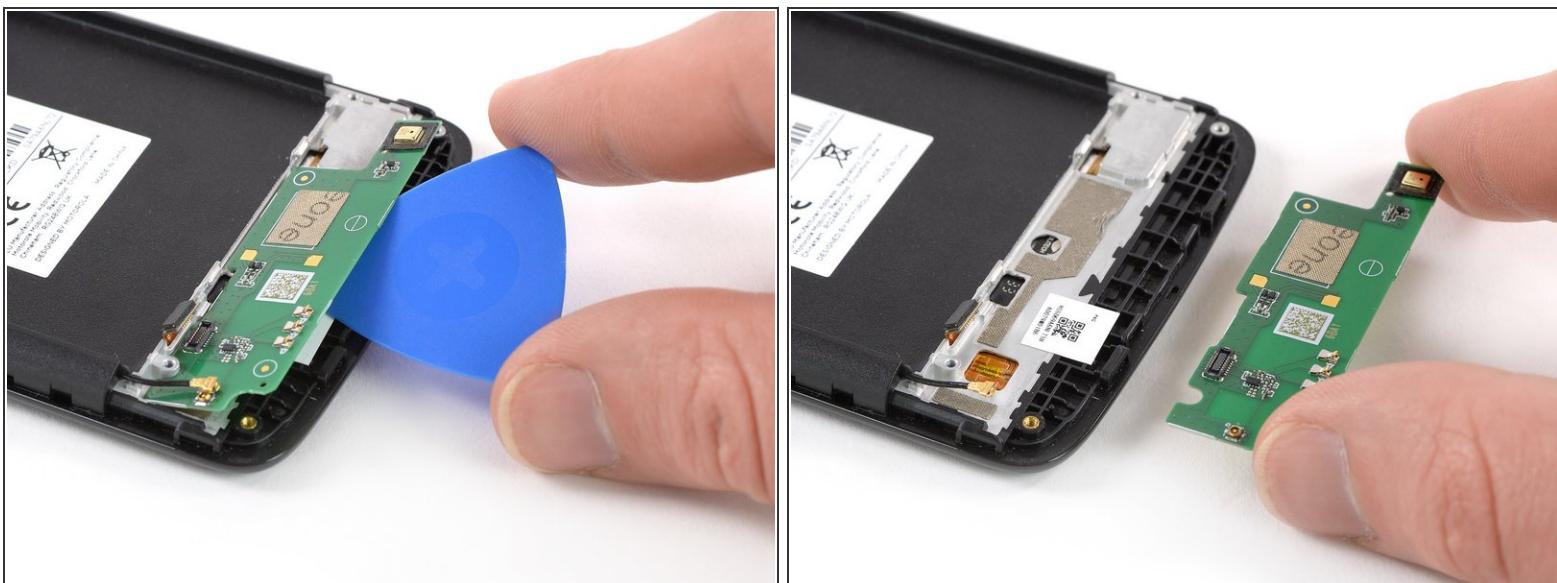
- [Prepare an iOpener](#) and apply it to the bottom part of the display for at least two minutes to loosen the adhesive beneath the daughterboard.

## Step 26



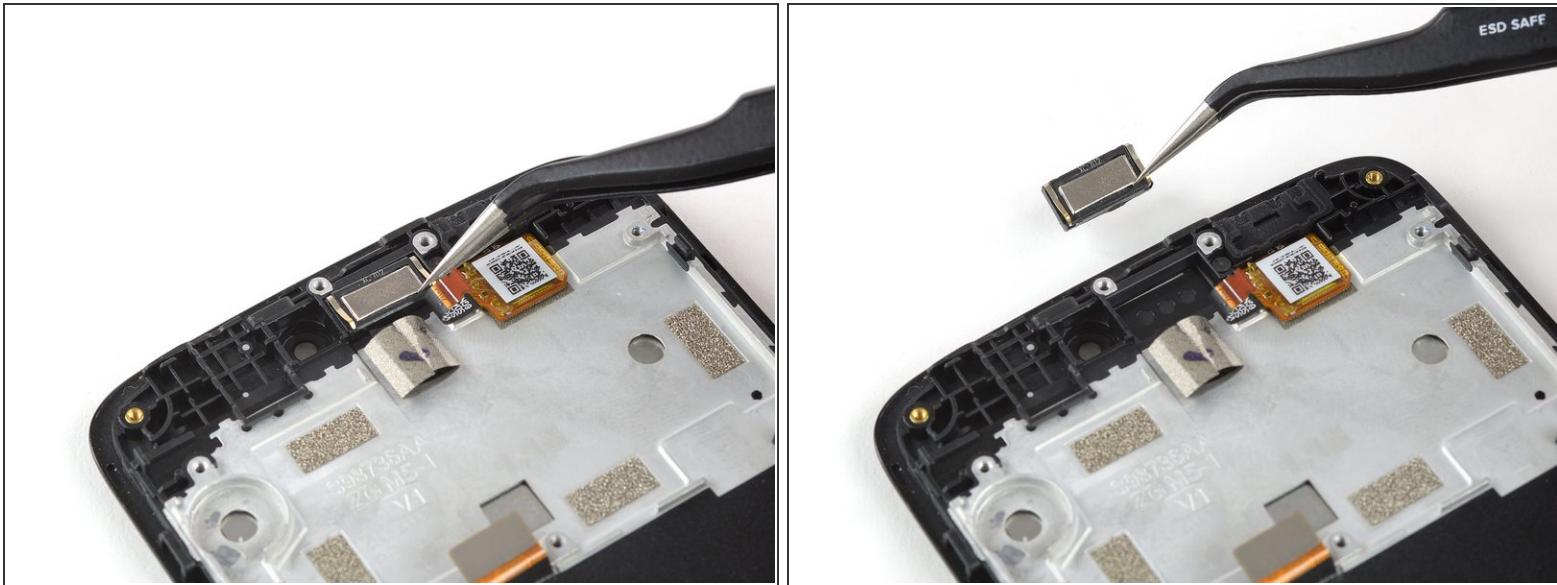
- Apply an opening pick to the bottom right corner of the daughterboard.
- Carefully slide the opening pick under the daughterboard to cut the adhesive underneath.
- Slide the opening pick from right to left to cut all the adhesive.

## Step 27



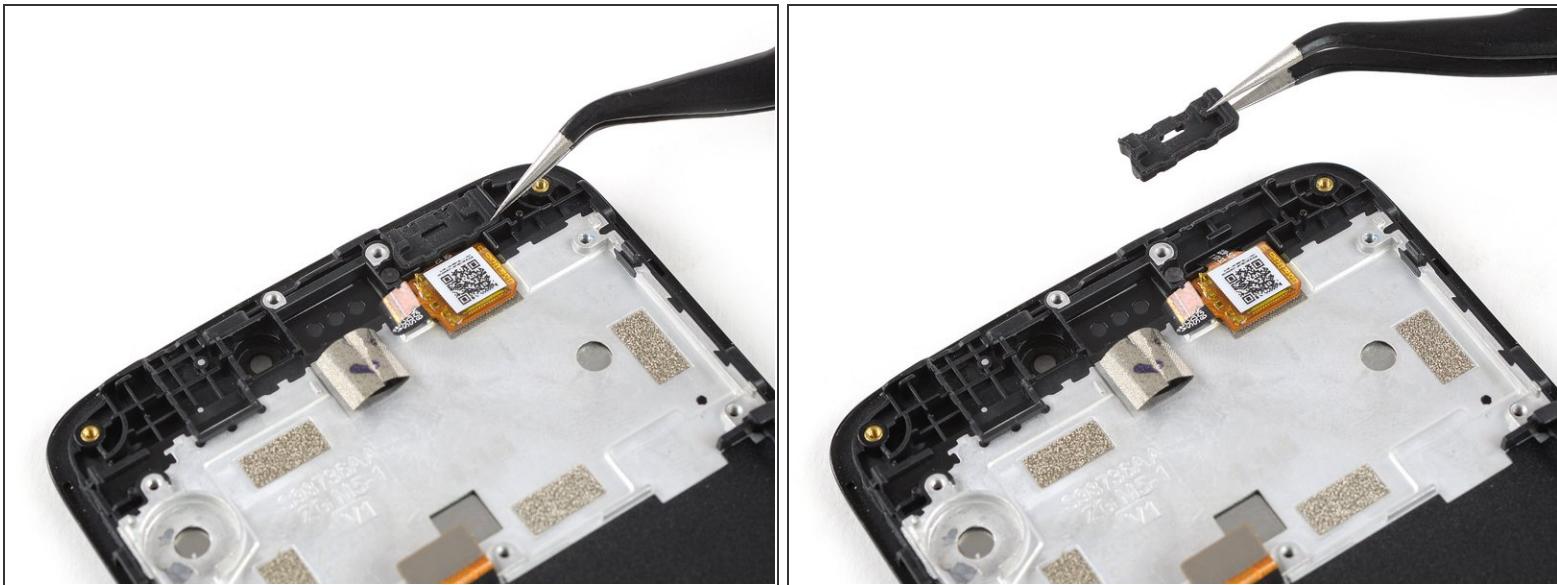
- Twist the opening pick to lift the daughterboard until you can get a good grip.
- Remove the daughterboard.

## Step 28 — Earpiece Speaker



- Remove the ear piece speaker.
- ★ When reassembling, be sure to properly orient the earpiece speaker such that the gold contacts are pointing away from the top edge.

## Step 29 — Screen Assembly



- Use a pair of tweezers to grab and remove the charging port rubber gasket.

## Step 30



- Use a pair of tweezers to gently peel off and remove the power and volume buttons.

## Step 31



- [Prepare an iOpener](#) and apply it for at least two minutes on the back of the phone to loosen the adhesive tape that sits on top of the display flex cable.

## Step 32



- Use a pair of tweezers to peel the adhesive tape off the left side where the antenna cable runs and fold it out of the way.

## Step 33



- Use a pair of tweezers to pull the antenna cable out of its routing and remove it.

## Step 34



- Check your replacement part for any other components that need to be transferred before reassembly.
- *(i)* Maybe you also want to transfer the white label with the serial number and IMEI number on it.

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

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Check out our [Answers community](#) for troubleshooting help.