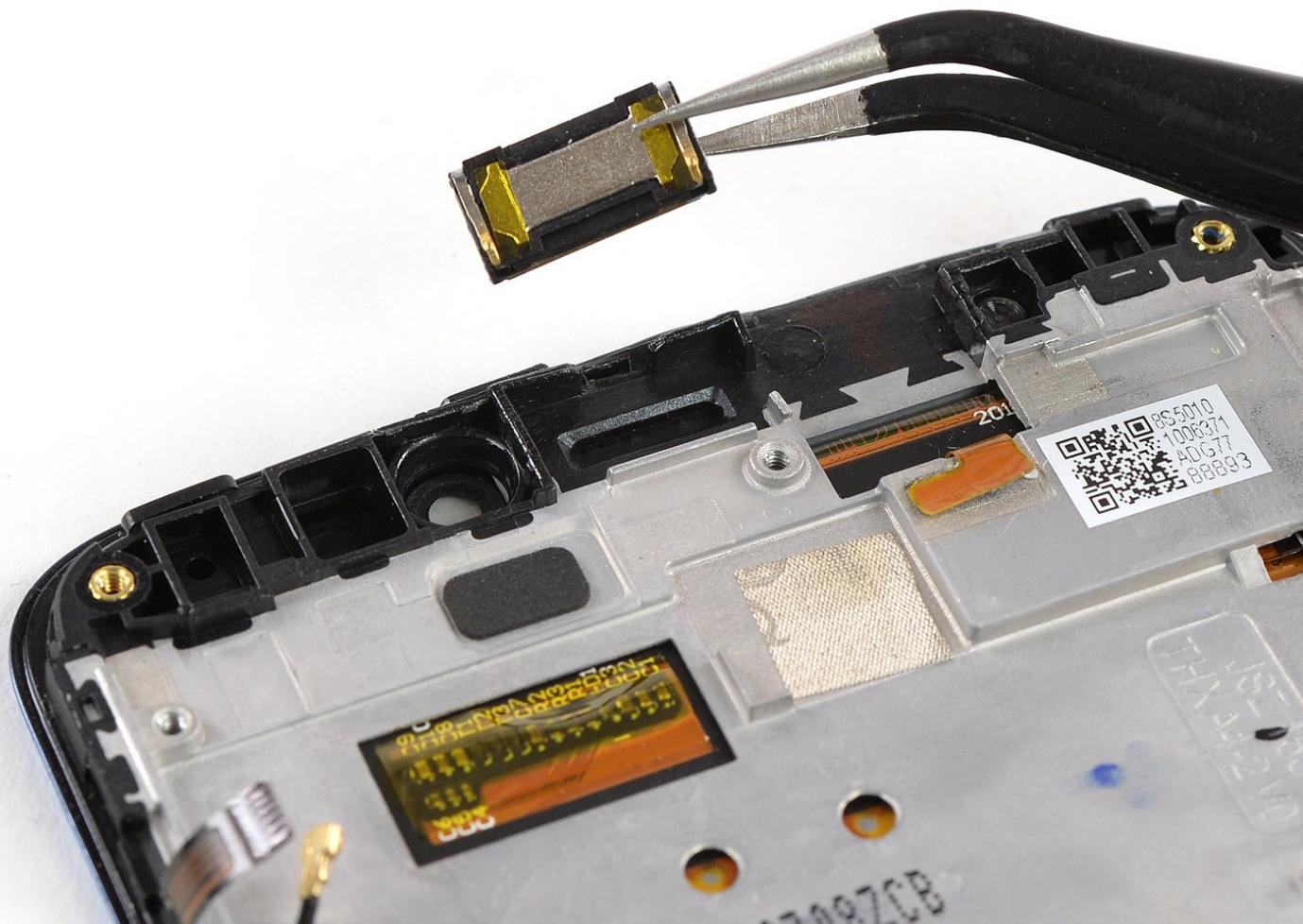




Motorola Moto E4 (XT1762) Earpiece Speaker Replacement

This guide shows you how to replace a defective earpiece speaker in the Motorola Moto E4 (XT1762).

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INTRODUCTION

Use this guide to replace a defective earpiece speaker in your Motorola Moto E4 (XT1762).

You'll need replacement adhesive to reattach components when reassembling the device.

TOOLS:

- [Spudger](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Tweezers](#) (1)
- [iOpener](#) (1)

Step 1 — Back Cover



(i) Power off your phone before beginning disassembly.

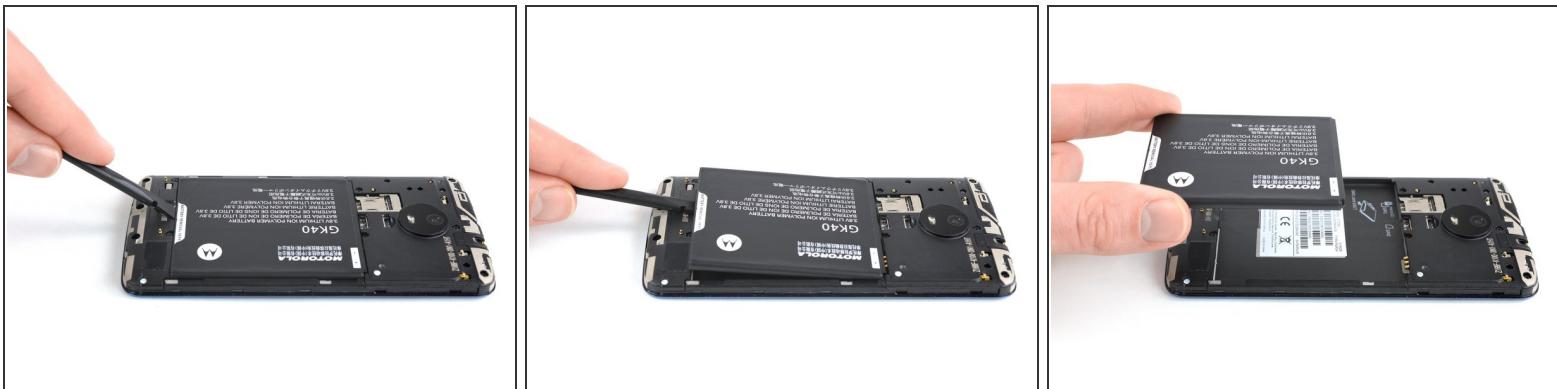
- Insert a fingernail, or spudger, into the notch on the bottom right corner to start separating the phone unit from the back cover.
- Move to the bottom left corner to pry the phone out of the back cover.

Step 2



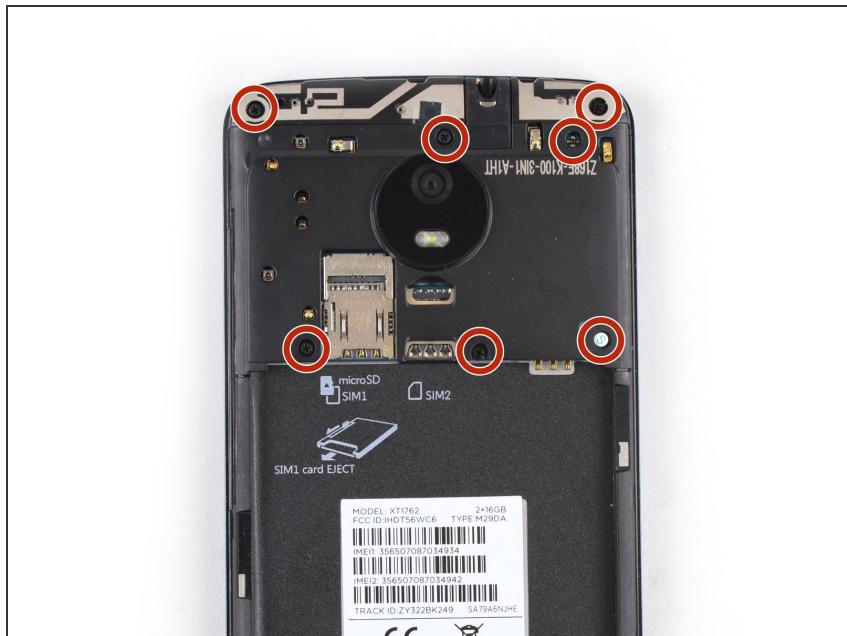
- Lift the phone out of the back cover.

Step 3 — Battery



- Use a fingernail or spudger to pry at the notch at the bottom end of the battery.
- Lever the battery out of its recess and remove it.

Step 4 — Motherboard Cover



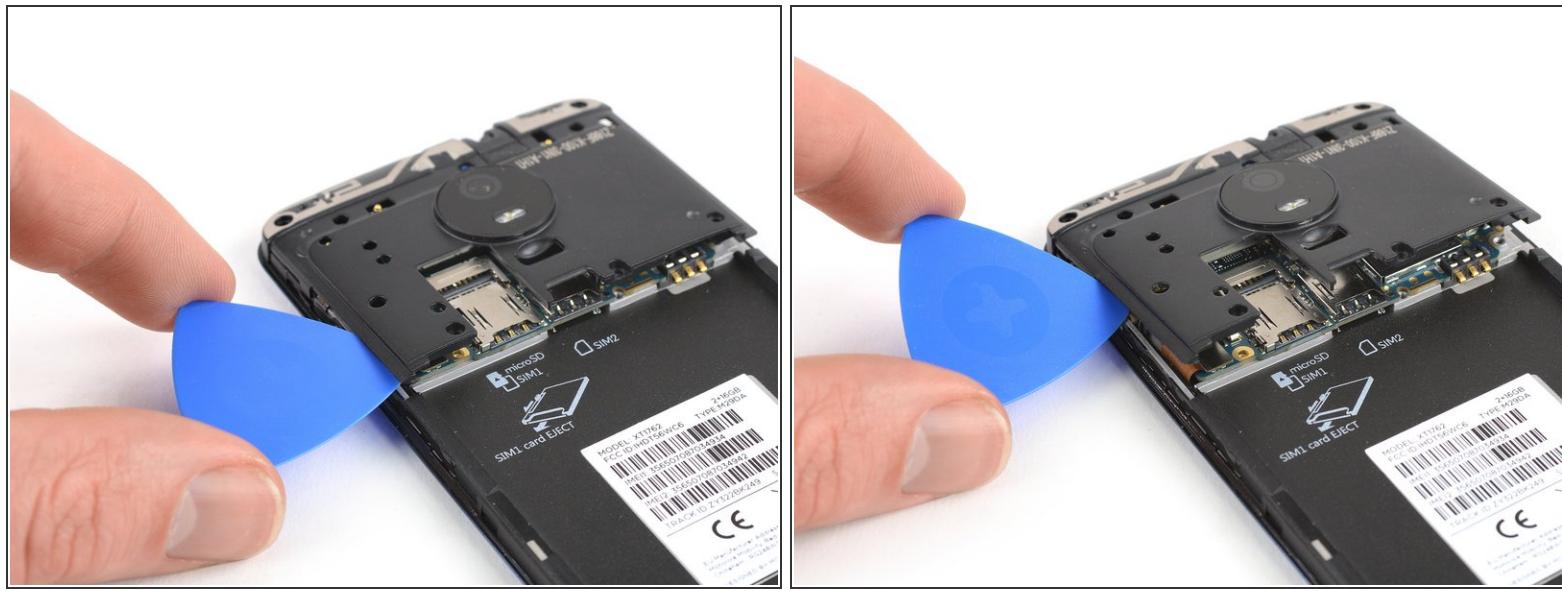
- Remove the seven 3.3 mm Phillips #00 screws.

Step 5



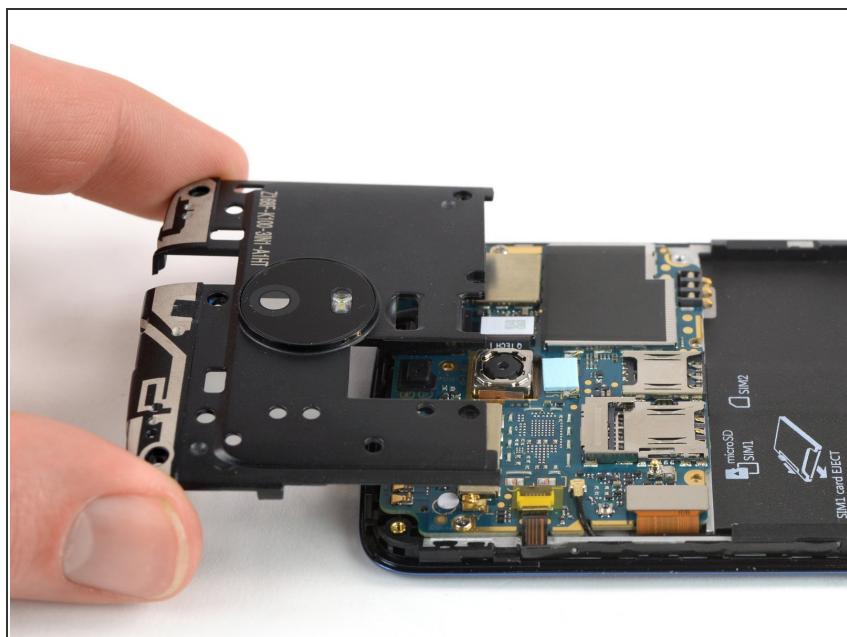
- Insert an opening pick between the cover and the motherboard at the bottom right corner.
- Slide the opening pick upwards to open the plastic clips.

Step 6



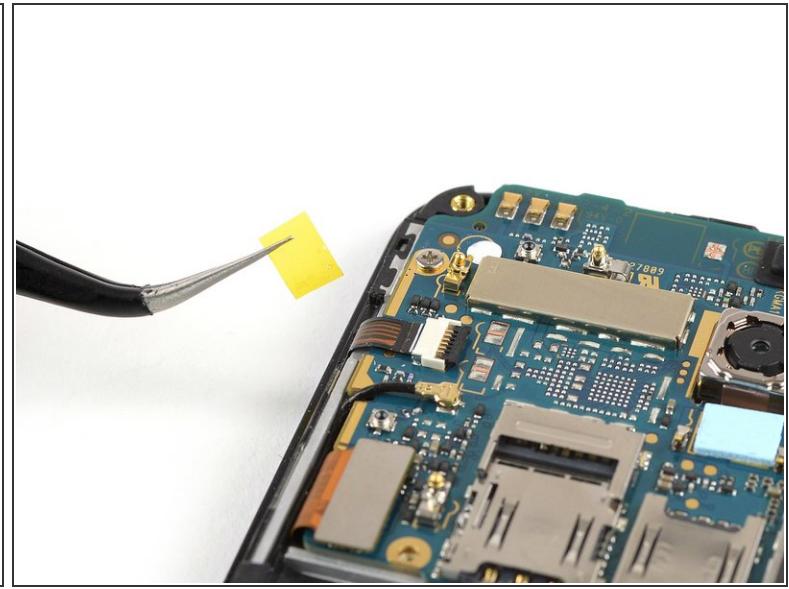
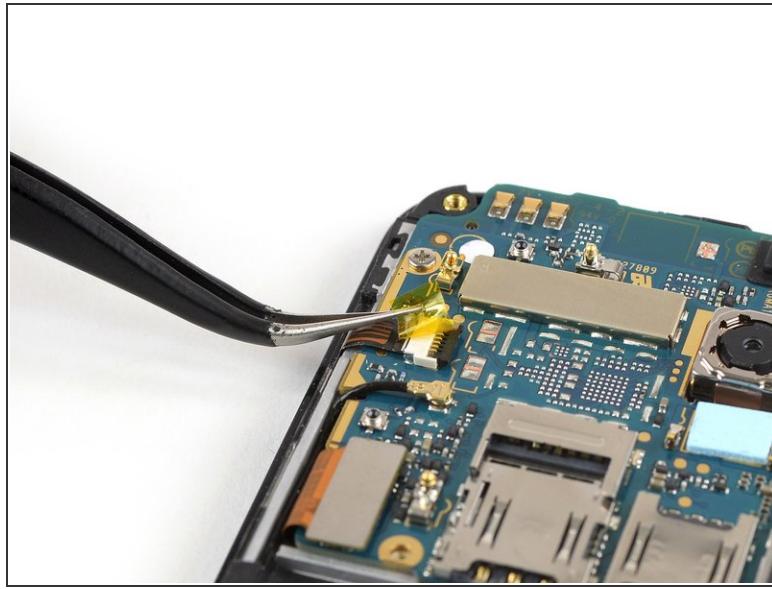
- Insert an opening pick between the cover and the motherboard at the bottom left corner.
- Slide the opening pick upwards to open the plastic clips.
- Pry up the motherboard cover by twisting the opening pick.

Step 7



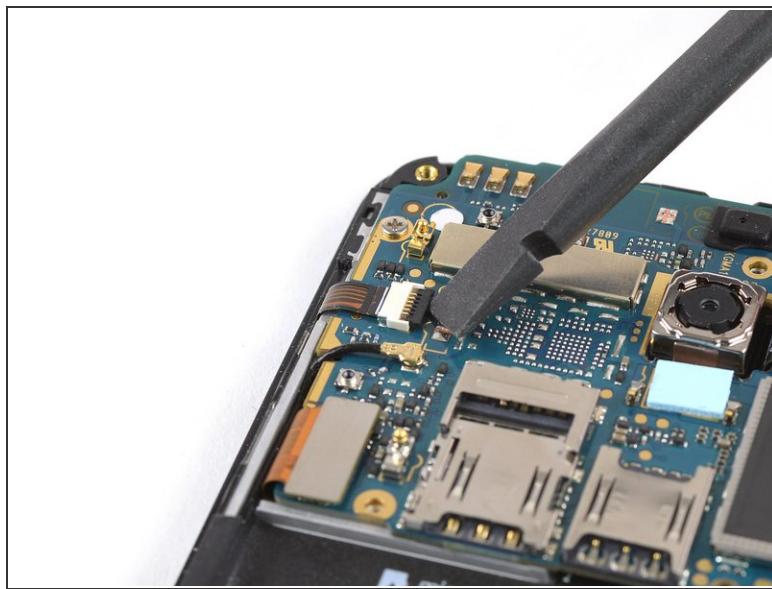
- Remove the motherboard cover.

Step 8 — Motherboard Assembly



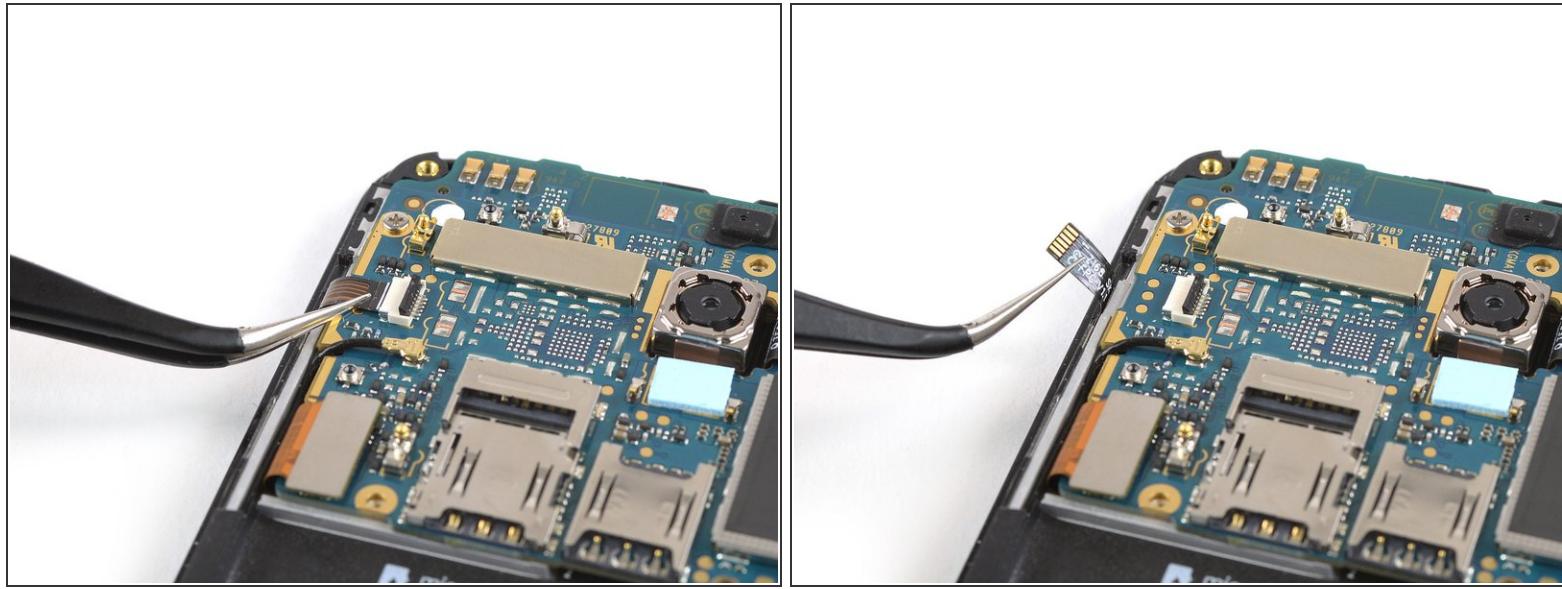
- Use a pair of tweezers to peel off the yellow tape of the ZIF connector located on the left of the motherboard.

Step 9



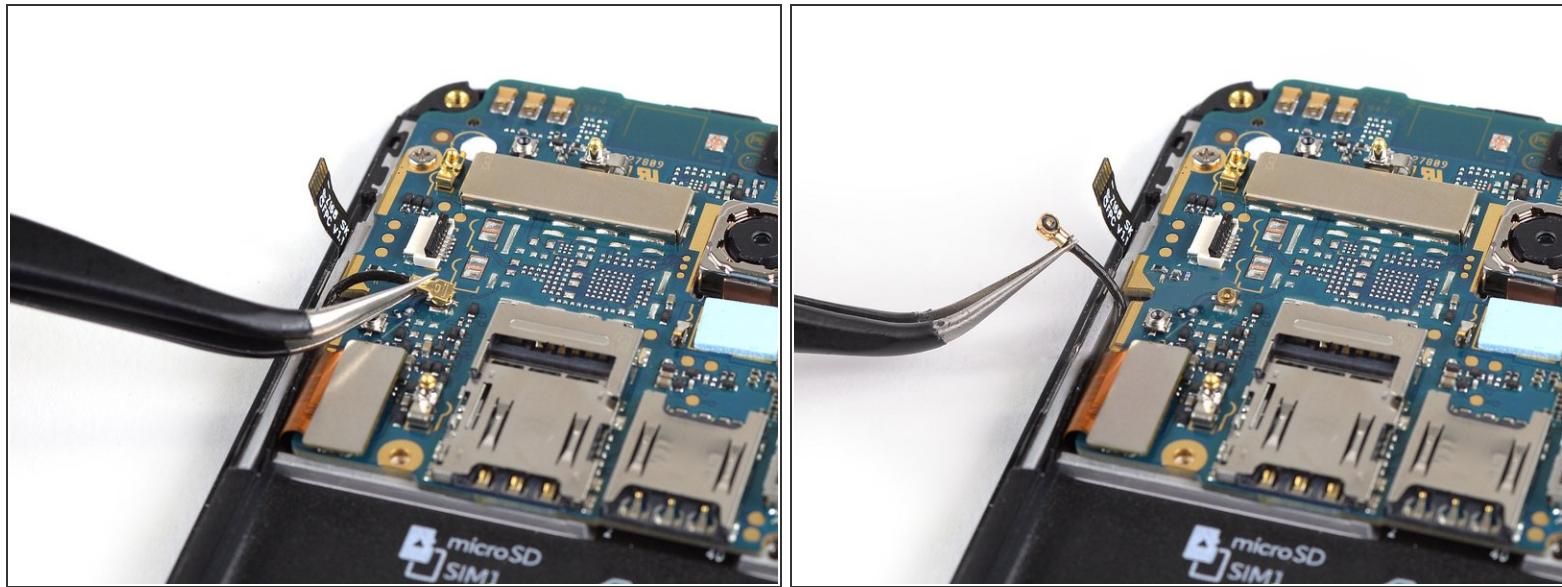
- Use the edge of a spudger to open the black flap of the ZIF connector.

Step 10



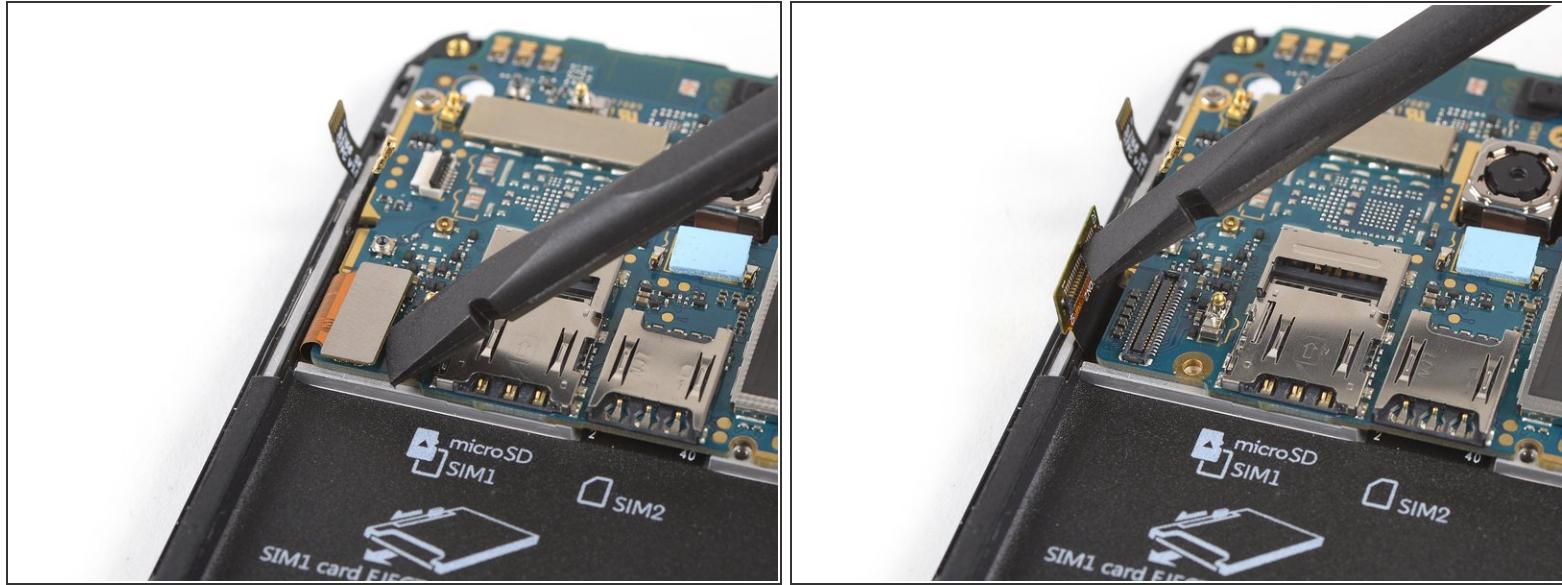
- Slide the volume button flex cable out of the ZIF connector to disconnect it.

Step 11



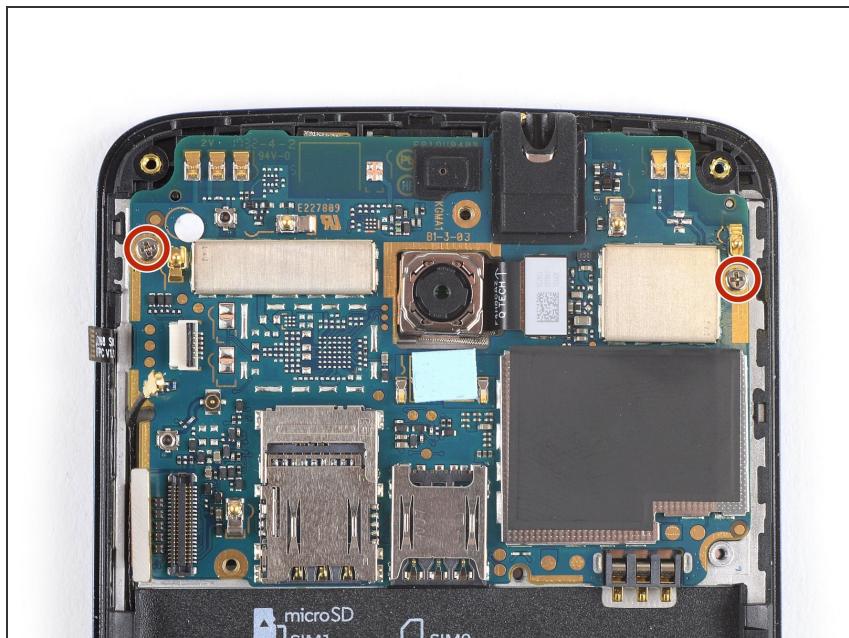
- Use a pair of tweezers to pry up and disconnect the antenna cable located on the left of the motherboard.
- Fold the antenna cable out of the way.

Step 12



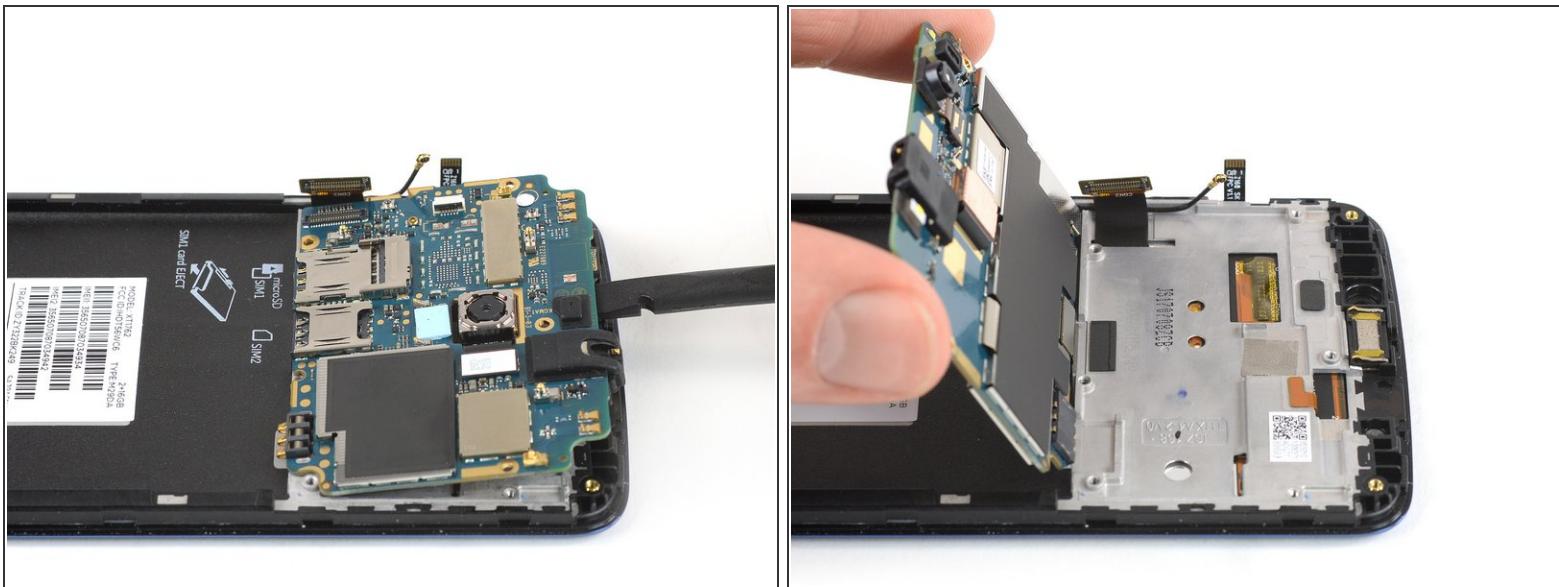
- Use the edge of a spudger to pry up and disconnect the display flex cable located on the bottom left of the motherboard.

Step 13



- Remove the two 2.9 mm long Phillips #00 screws securing the motherboard.

Step 14



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

- Use a spudger to carefully lift the motherboard from the top and fold it towards the battery compartment.
- **⚠** Be careful not to damage any components underneath the motherboard.

Step 15



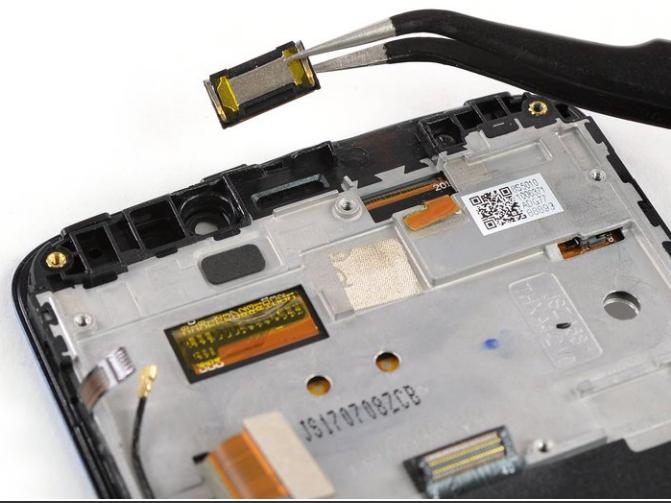
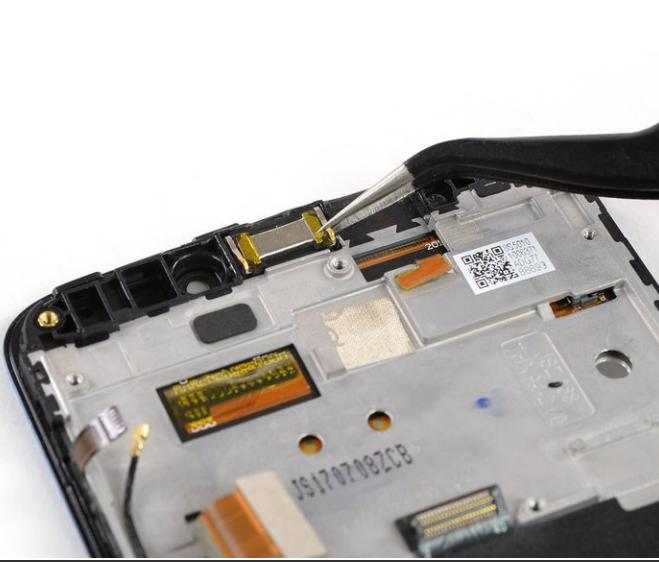
- Use the edge of a spudger to disconnect the interconnect cable from the motherboard.
- Remove the motherboard.

Step 16 — Earpiece Speaker



- Apply a [heated iOpener](#) for about one minute to the upper part of the display to loosen the adhesive beneath the earpiece speaker.

Step 17



- Use a pair of tweezers to lift the earpiece speaker out of its recess and remove it.
- ★ When reassembling, be sure to properly orient the earpiece speaker such that the gold contacts are pointing away from the top edge.

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