Moto C Plus Screen Assembly Replacement

This guide shows how to replace a broken or cracked screen assembly in the Motorola Moto C Plus.

Written By: Dominik Schnabelrauch

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INTRODUCTION

Use this guide to replace a broken or cracked screen assembly in the Motorola Moto C Plus.

You may need need replacement adhesive to reattach components during reassembly.

🔧 TOOLS:

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

⚙ PARTS:

- Moto C Plus Screen (1)

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Step 1 — Back Cover

- ⓘ Power off your phone before beginning disassembly.

- ● Insert a thumbnail, or spudger, into the notch on the bottom right to start separating the phone unit from the back cover.

- ● Move 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.

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Step 3 — Battery

- Use a spudger or fingernail to lift the battery starting at the notch on the bottom left.

- Lever the battery out of its recess and remove it.

Step 4 — Daughterboard Cover

- Remove the six 3.1 mm Phillips #00 screws securing the daughterboard cover.

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Step 5

- Apply a spudger to the right side of the daughterboard cover.

- Twist the spudger sideways to pry up the daughterboard cover until you get a good grip.

- Remove the daughterboard cover.

Step 6 — Motherboard Cover

- Remove the five 3.1 mm long Phillips #00 screws.

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Step 7

- Apply an opening pick to the bottom right corner of the motherboard cover.

- Twist the opening pick to free the motherboard cover out of the plastic clamps on the right side of the phone.

Step 8

- Repeat the previous step on the left side of the motherboard cover to free it out of the plastic clamps.

- Pry up the motherboard cover until you can get a good grip.

- Remove the motherboard cover.

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Step 9 — Motherboard Assembly

● Remove the two 3.2 mm Phillips #00 screws securing the motherboard.

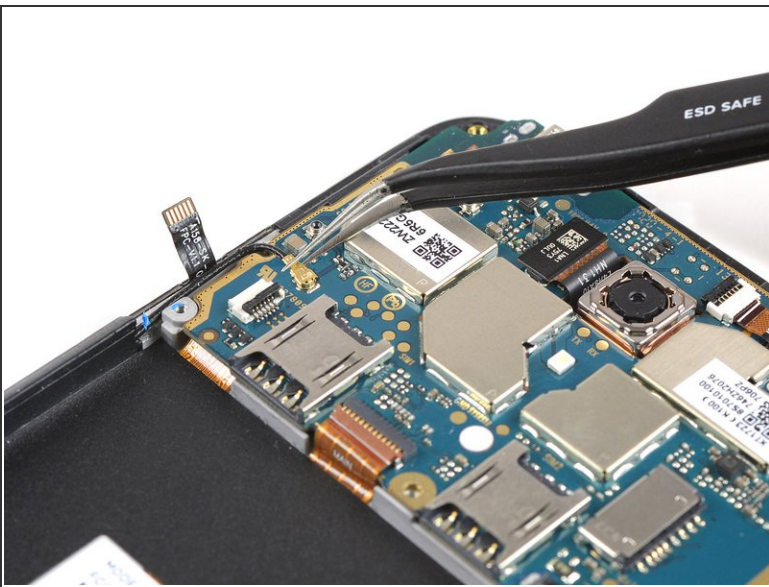## Step 10
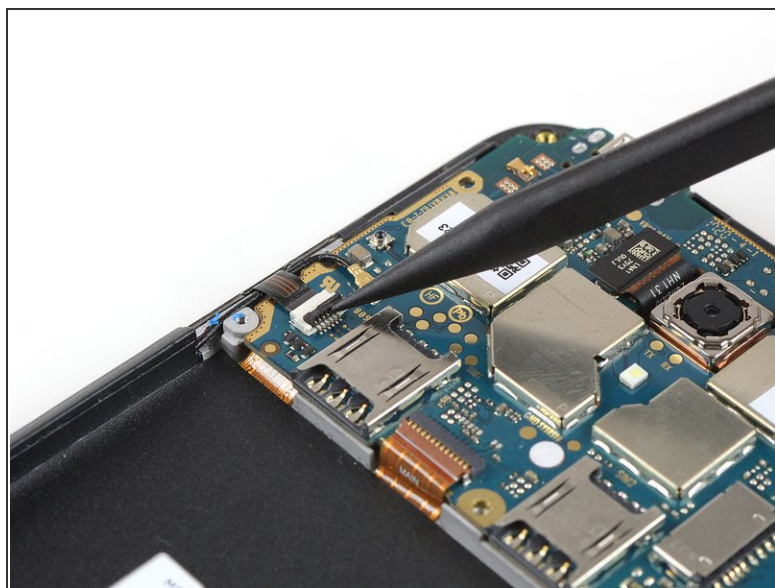
● Use the tip of a spudger to lift the latch on the power and volume button ZIF connector.

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Step 11

- 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 12
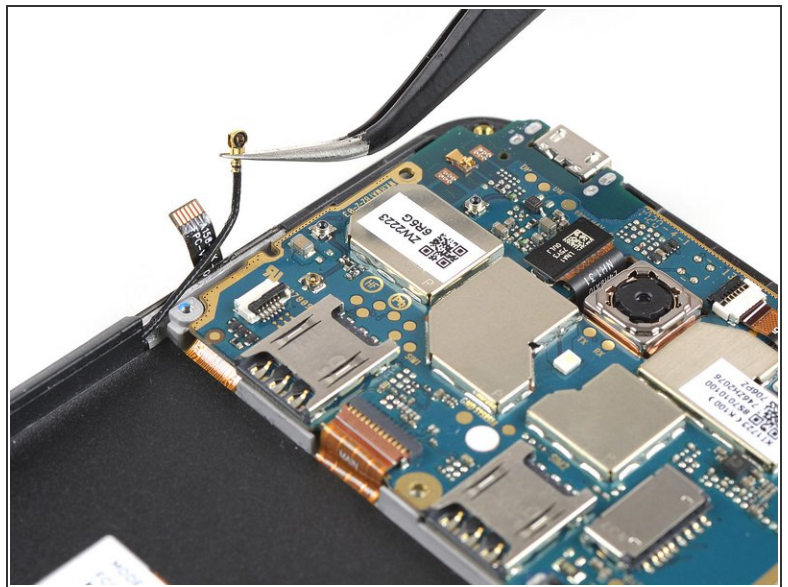
- Pry up and disconnect the antenna cable.

- Fold the antenna cable out of the way.

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Step 13

- Use the tip of a spudger to open the interconnect cable ZIF connector by lifting the brown flap.

- When reassembling make sure the white line on the cable aligns with the closed flap.
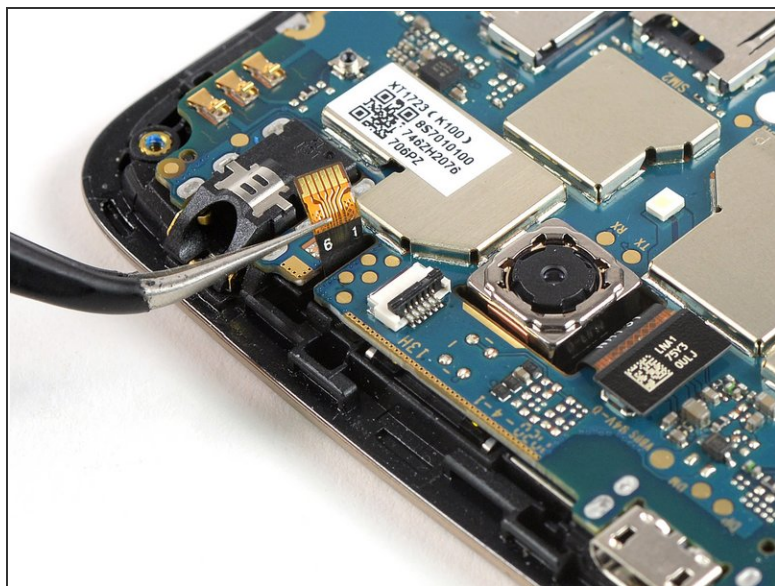
Step 14

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

Step 15
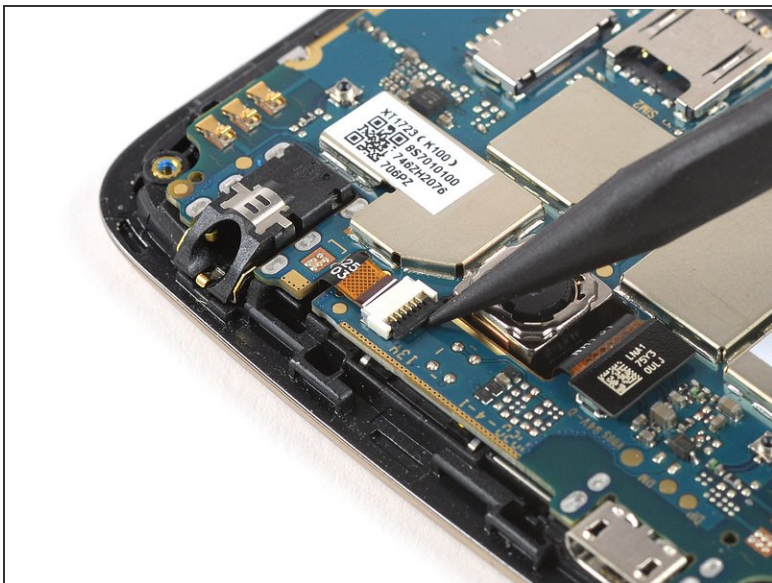
- Use the tip of a spudger to open the flap of the ZIF connector next to the headphone jack.

Step 16

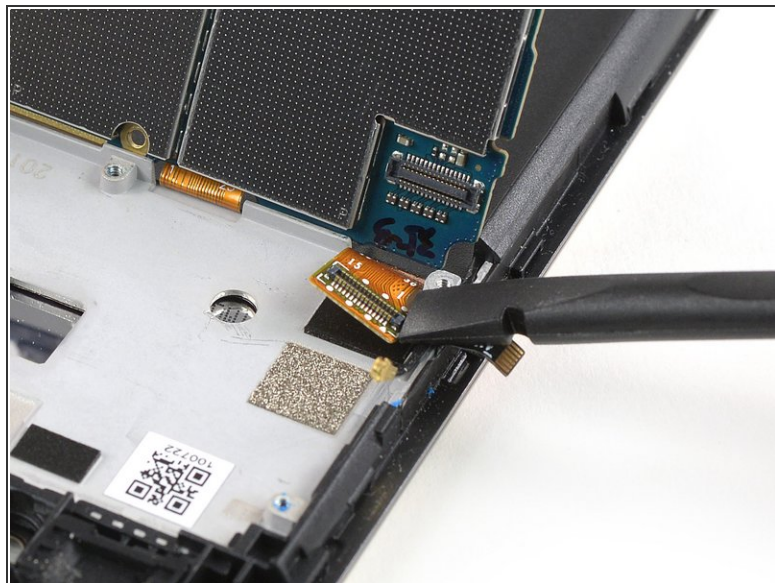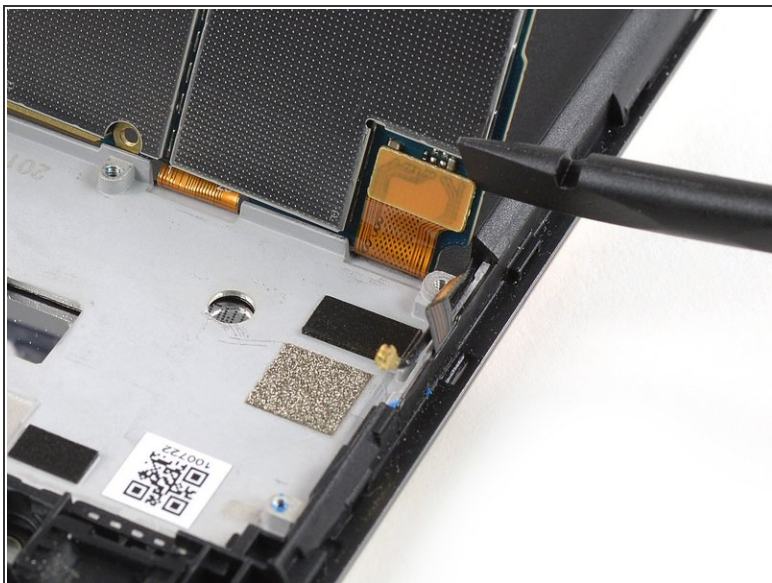- Use a pair of tweezers to pull the flex cable out of the ZIF connector.

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Step 17

⚠️ Don't try to remove the motherboard all the way yet. The display flex 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.

● Lift the motherboard and fold it back until you have enough space to disconnect the display flex cable.

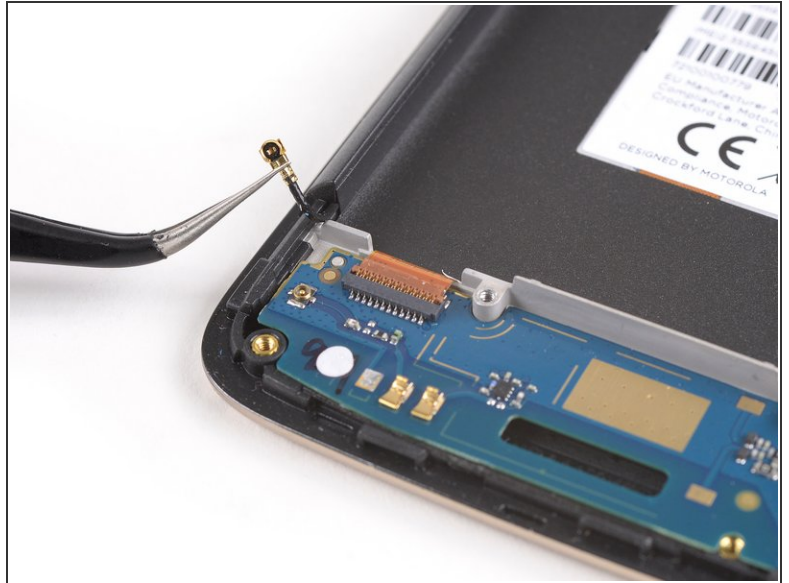This document was generated on 2019-10-29 08:59:50 AM (MST).

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Step 18

- Use the edge of a spudger to pry up and disconnect the display flex cable from the motherboard.

Step 19
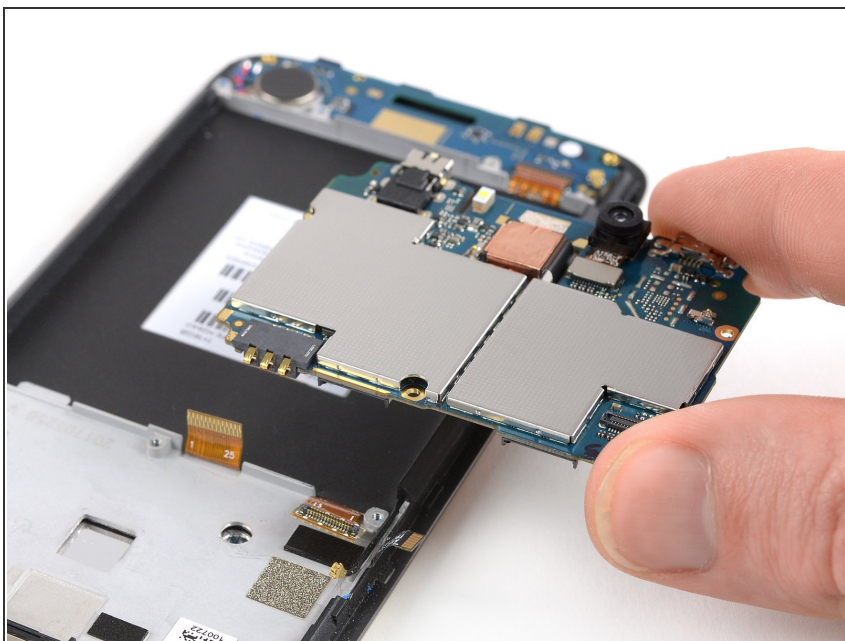
- Remove the motherboard.

Step 20 — Daughterboard

- Disconnect the antenna cable and fold it out of the way.

Step 21

- Use the tip of a spudger to open the brown flap of the ZIF connector that holds the interconnect cable in its place.

- When reassembling make sure the white line on the cable aligns with the closed flap.

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Step 22

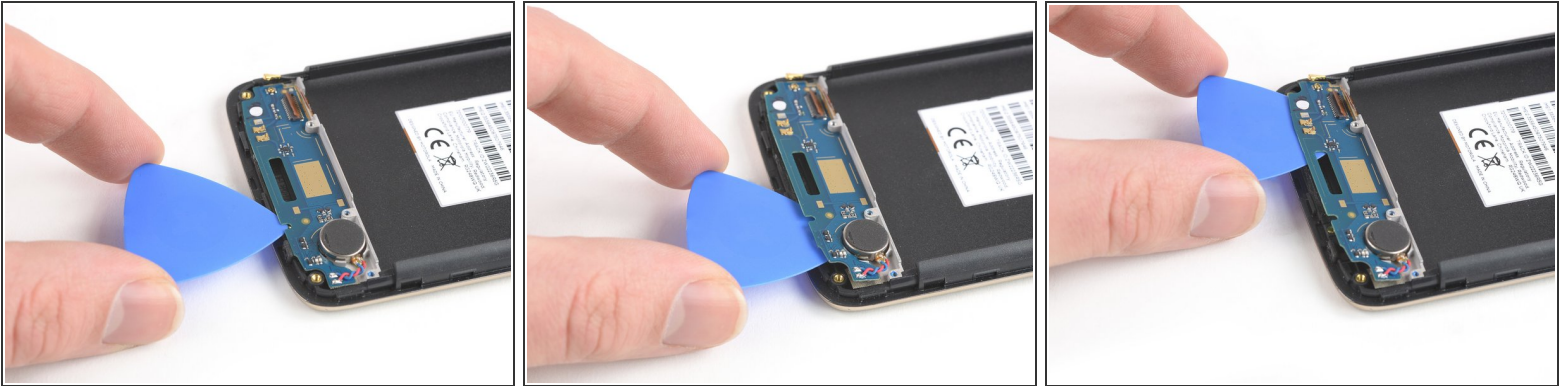- Use a pair of tweezers to pull the interconnect flex cable out of the ZIF connector.

Step 23

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

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adhesive beneath the
daughterboard.

Step 24

- Apply an opening pick to the bottom edge of the daughterboard.

- Carefully slide the opening pick under the daughterboard to cut the adhesive underneath.

  (i) Take care to cut the adhesive underneath the vibration motor.

- Slide the opening pick from right to left to cut all the adhesive.
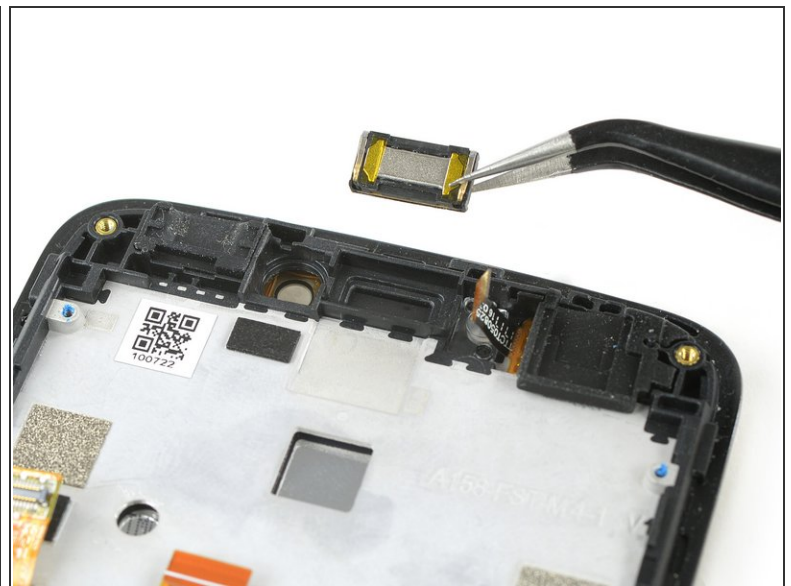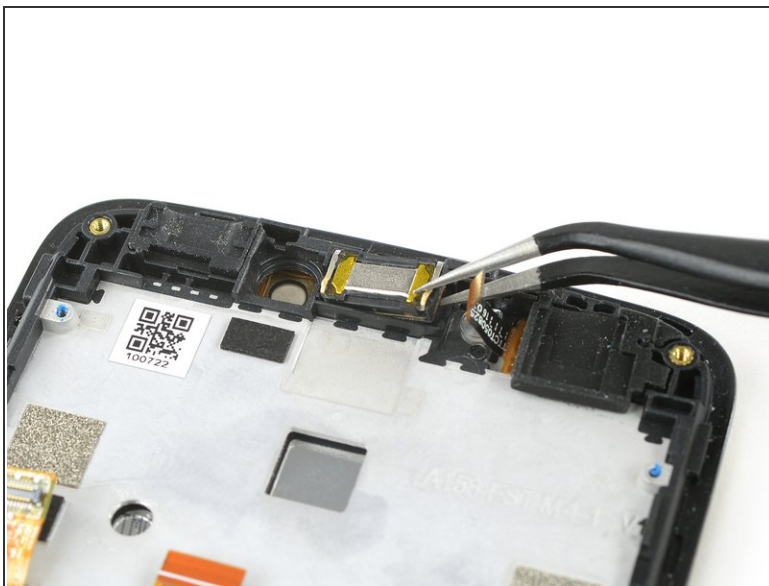
Step 25

- Remove the daughterboard including the soldered-on vibration motor.
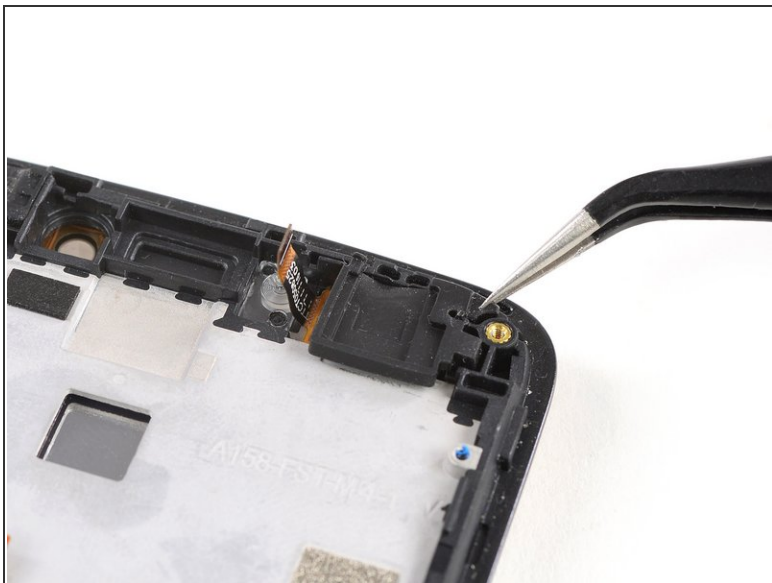
Step 26 — Earpiece Speaker

- [Use an iOpener](#) and apply it to the top edge of the display to loosen the adhesive beneath the earpiece speaker.

Step 27

- Use a pair of tweezers to carefully grab and remove the earpiece speaker.

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Step 28 — Screen Assembly

- Use a pair of tweezers to remove the rubber headphone jack gasket in the corner of the display assembly.

Step 29

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

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Step 30

- Use a pair of tweezers to grab and remove the microphone rubber gasket at the bottom right end of your phone.

Step 31

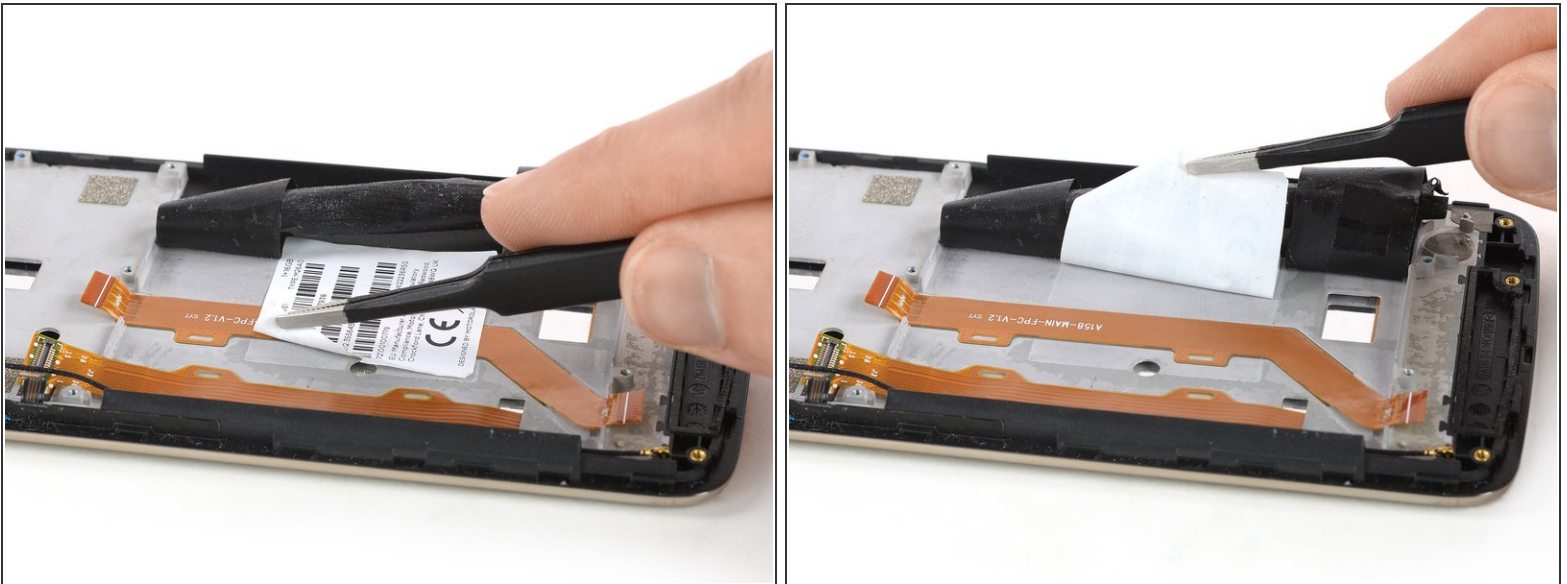

- Use an iOpener to loosen the adhesive tape that sits on top of the interconnect and display flex cable. Apply the iOpener on the tape for at least two minutes.
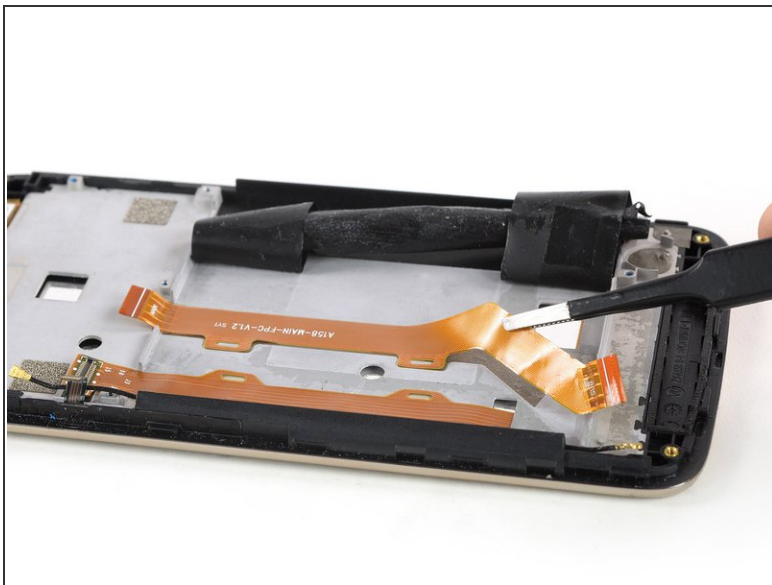
Step 32

- Use a pair of tweezers to gently peel the adhesive tape off the flex cables and fold it out of the way.
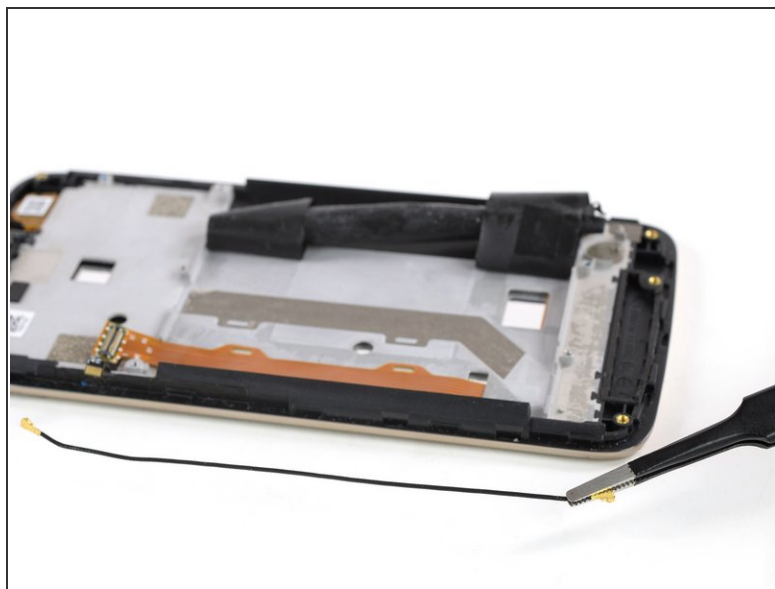
Step 33

- Use a pair of tweezers to gently peel the product sticker off the interconnect cable.
  - (i) In case you can't remove the sticker or it starts to rip apart you can re-apply an iOpener to loosen the adhesive.

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Step 34

- Use a pair of tweezers to grab and carefully peel up the interconnect flex cable.

- Remove the interconnect flex cable.

Step 35

- Use a pair of tweezers to remove the antenna cable.

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Step 36

- Check your replacement part for any other components that need to be transferred before reassembly.

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.