



Moto C Plus Screen Assembly Replacement

Use this guide to replace a broken or cracked...

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INTRODUCTION

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

Before you begin, download the [Rescue and Smart Assistant](#) app to backup your device and diagnose whether your problem is software or hardware related.

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

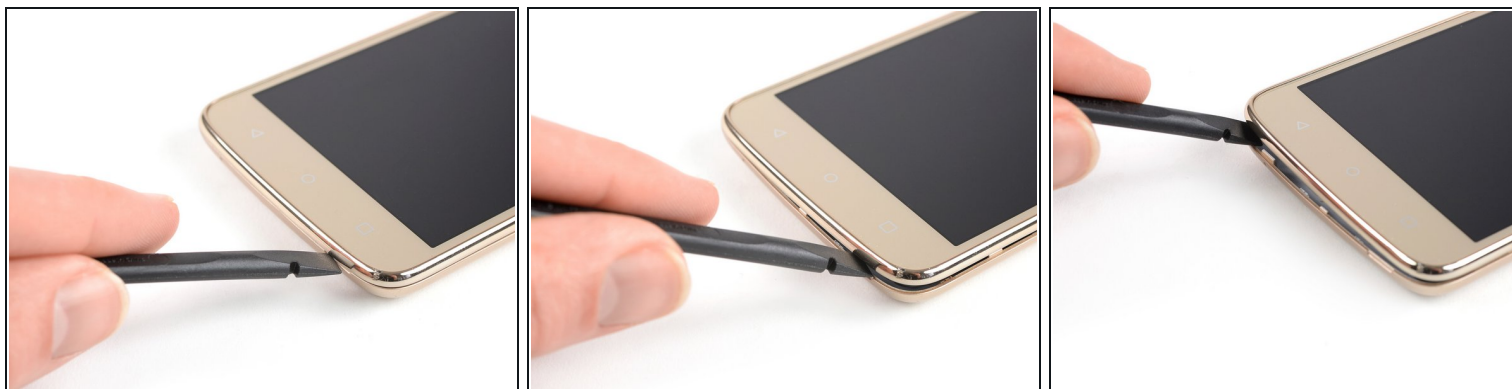
TOOLS:

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

PARTS:

[Moto C Plus Screen - Genuine](#) (1)

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.

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.

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.

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



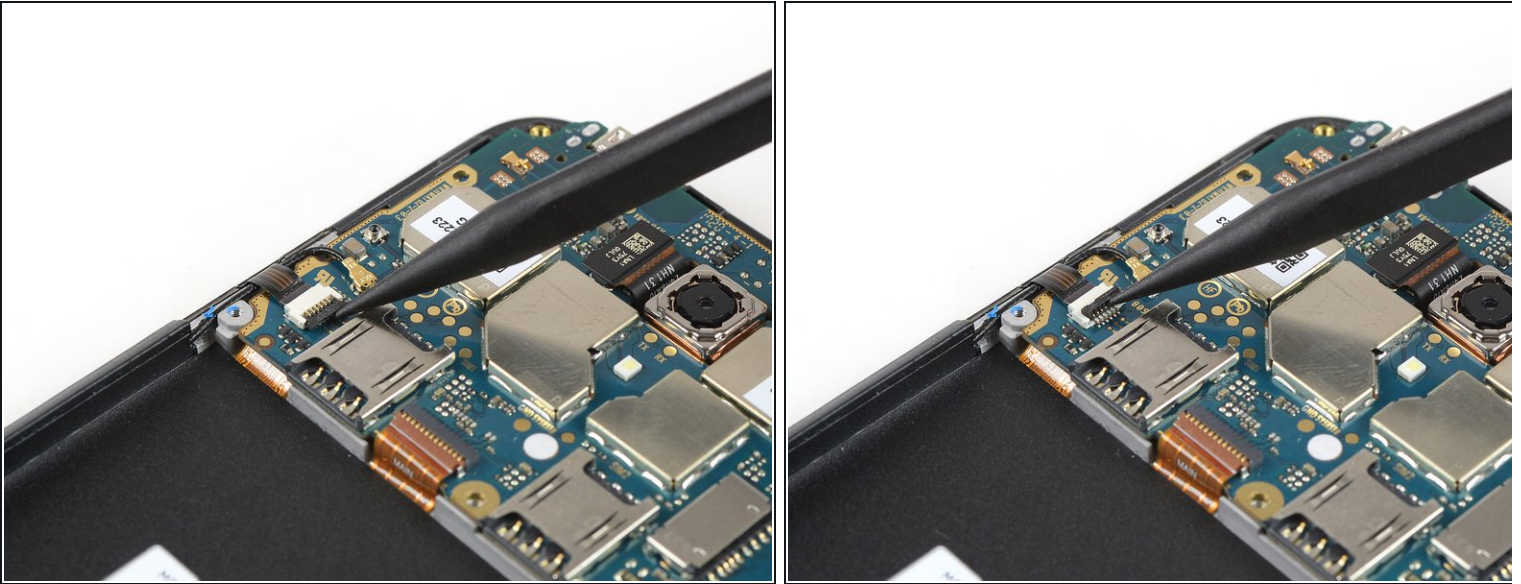
- Repeat the previous step on the left side of the motherboard cover to free it out of the plastic clamps.
- Pry up the motherboard cover until you can get a good grip.
- Remove the motherboard cover.

Step 9 — Motherboard Assembly



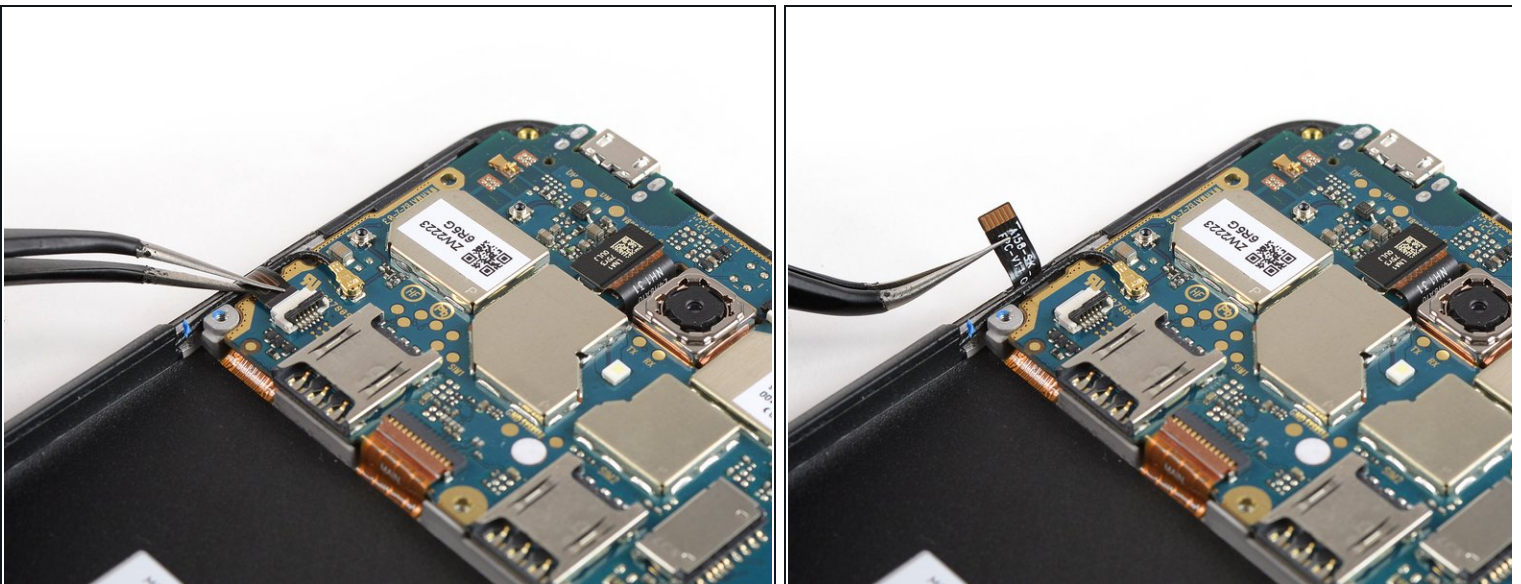
- Remove the two 3.2 mm Phillips #00 screws securing the motherboard.

Step 10



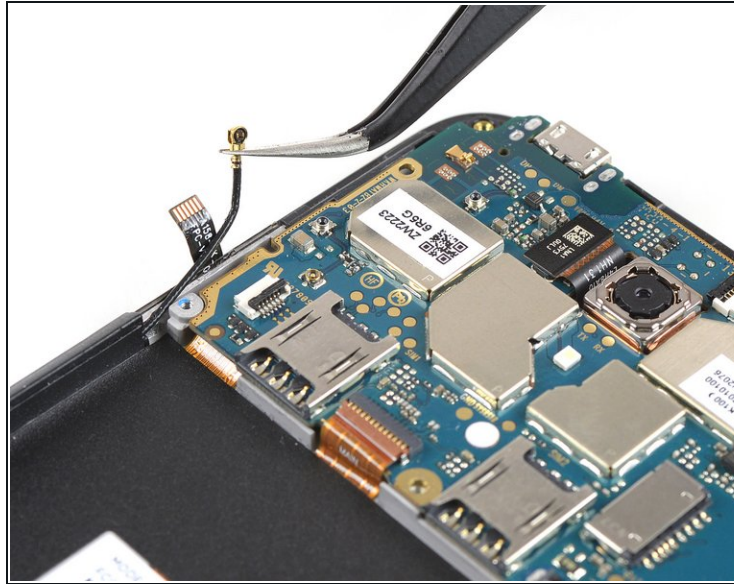
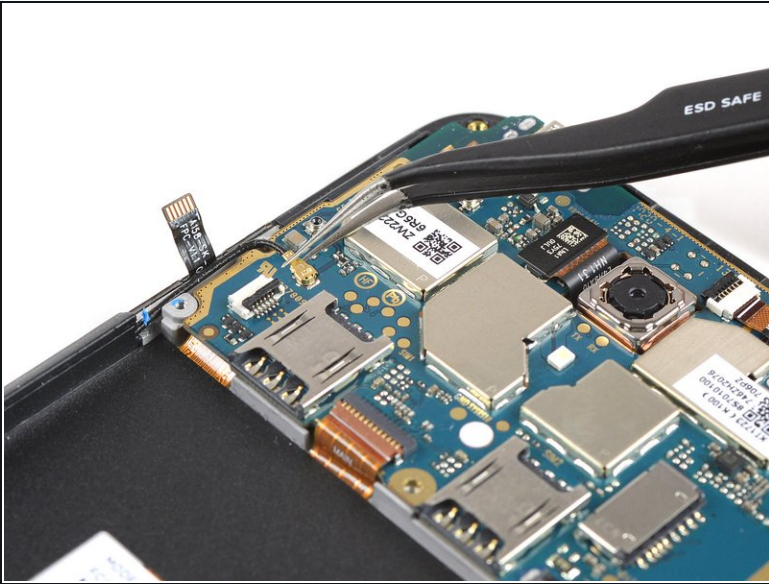
- Use the tip of a spudger to lift the latch on the power and volume button ZIF connector.

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.

Step 13



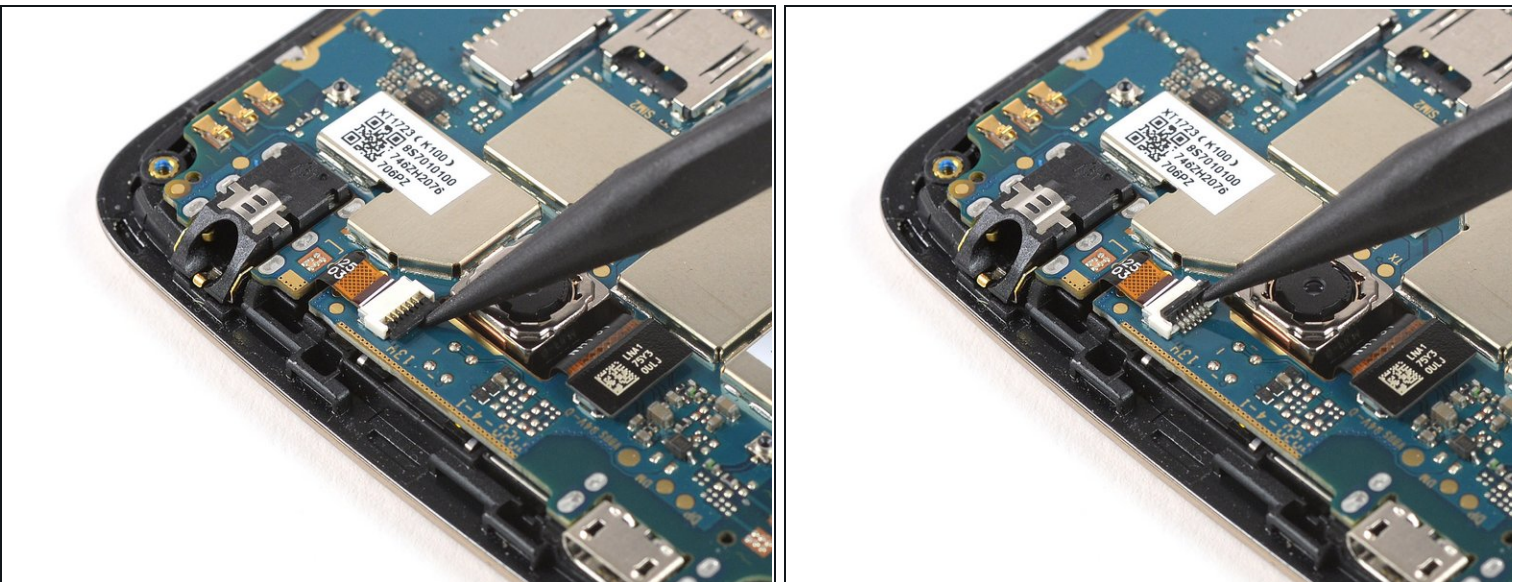
- Use the tip of a spudger to open the interconnect cable ZIF connector by lifting the brown flap.
- ☑ When reassembling make sure the white line on the cable aligns with the closed flap.

Step 14



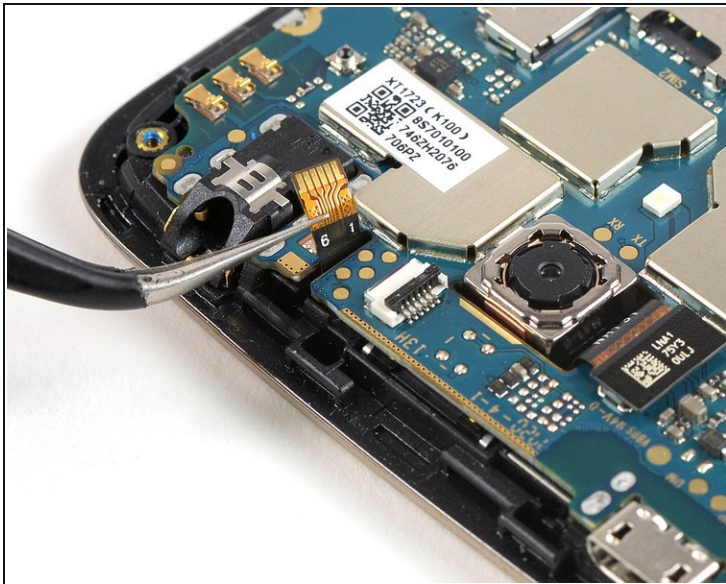
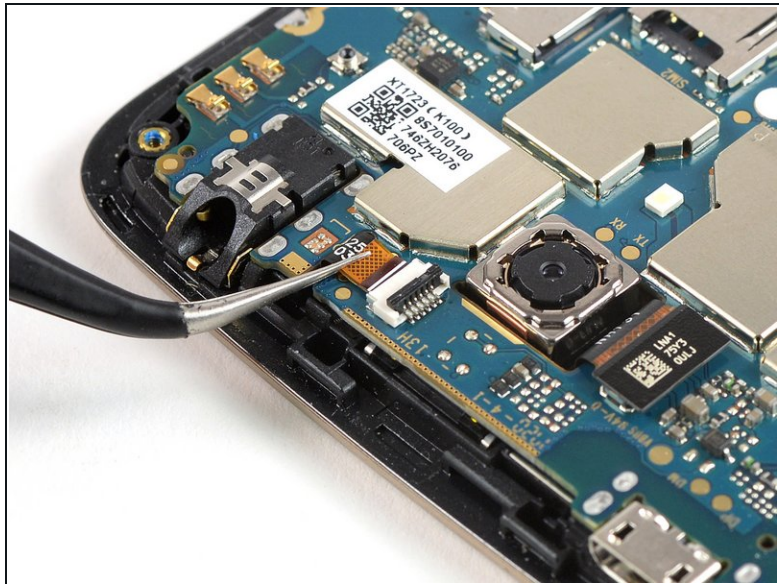
- Use a pair of tweezers to pull the interconnect flex cable out of the ZIF connector.

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.

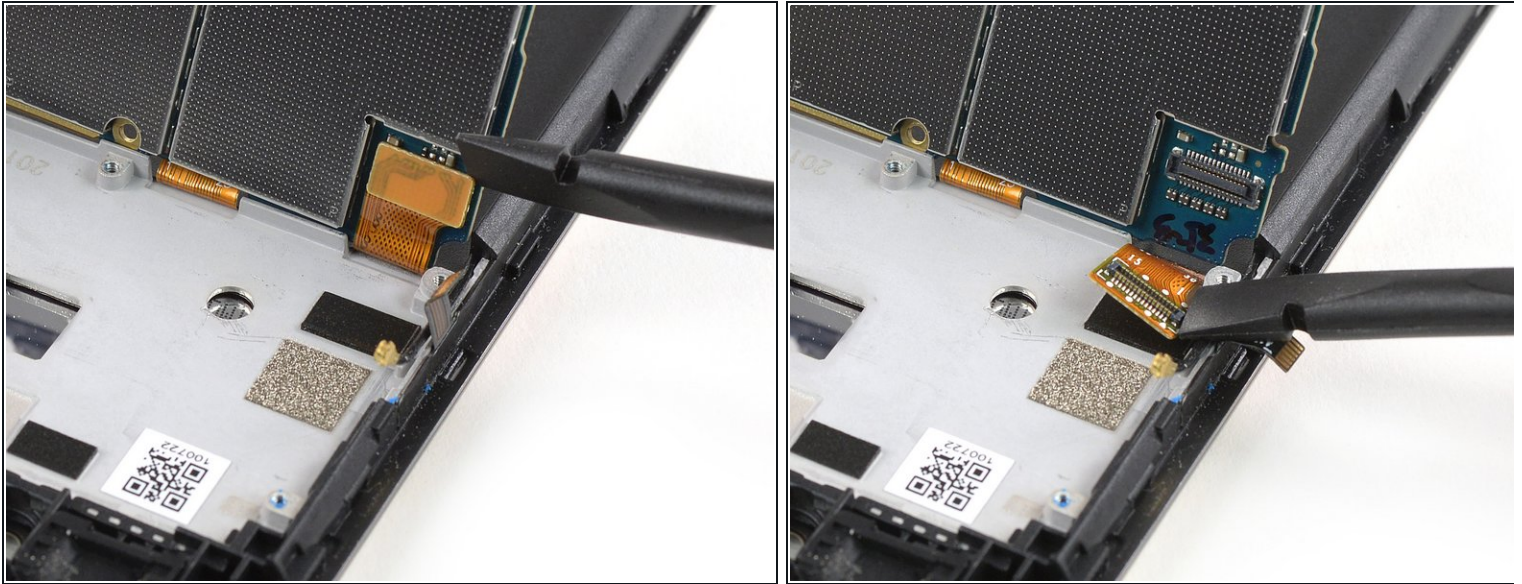
Step 17



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

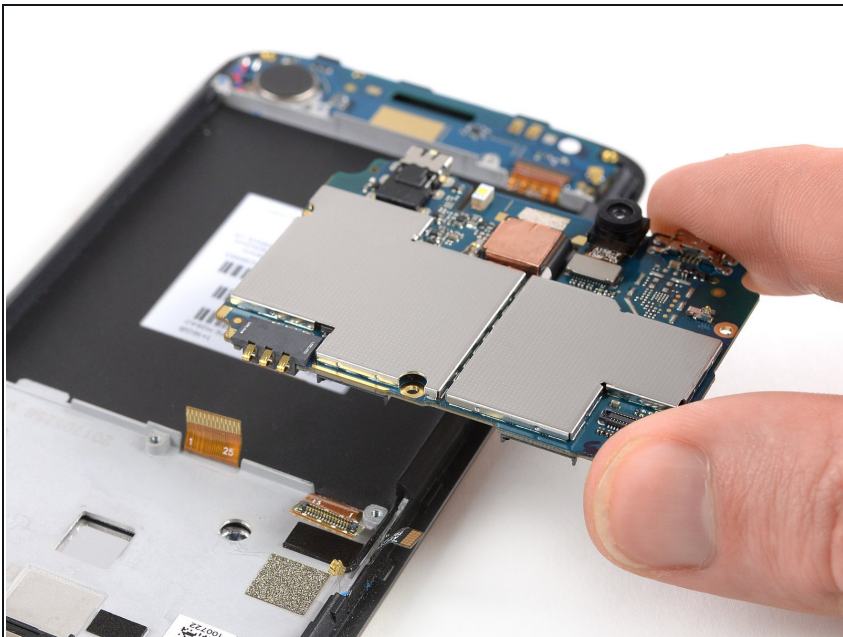
- Use a spudger to carefully lift the motherboard until you can get a good grip. Avoid to damage the cables next to the motherboard.
- Lift the motherboard and fold it back until you have enough space to disconnect the display flex cable.

Step 18



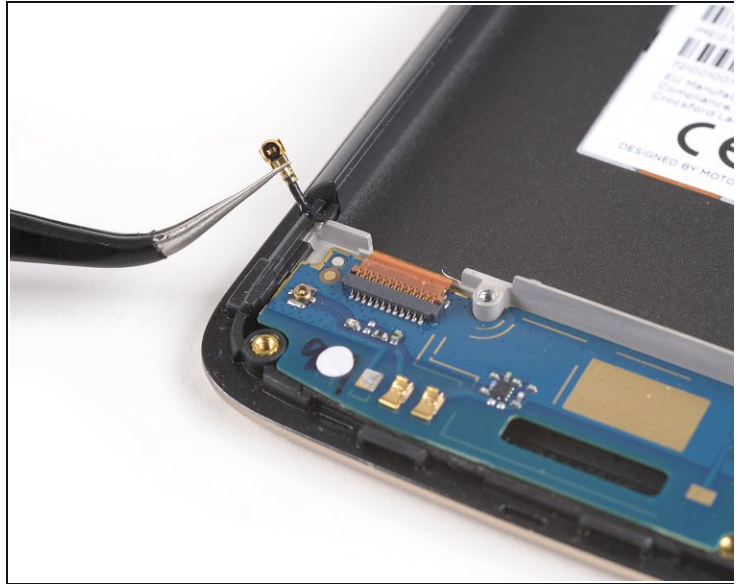
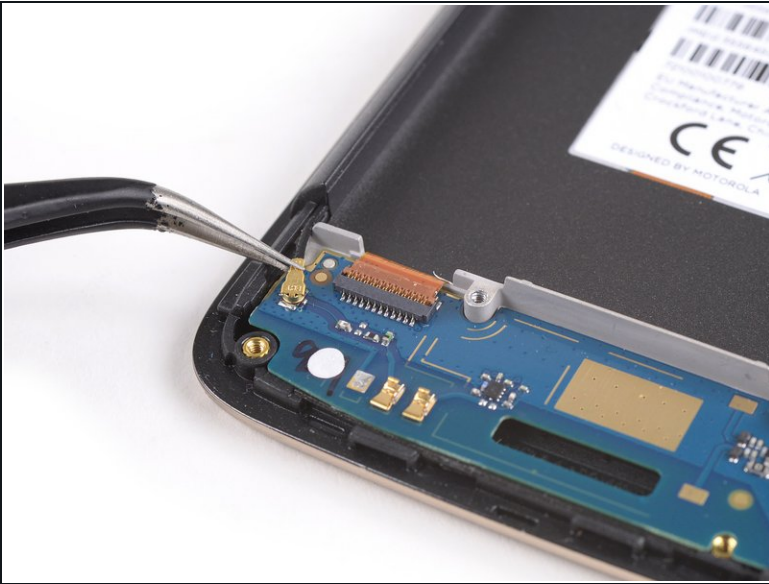
- Use the edge of a spudger to pry up and disconnect the display flex cable from the motherboard.

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.

Step 22



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

Step 23



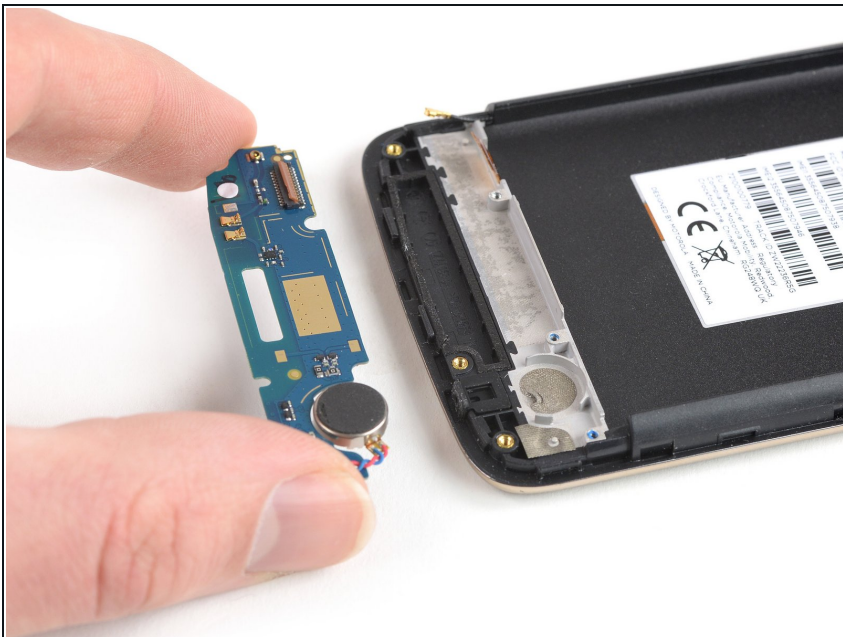
- [Prepare an iOpener](#) and apply it to the bottom part of the display for at least two minutes to loosen the adhesive beneath the daughterboard.

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.
 - ⓘ 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



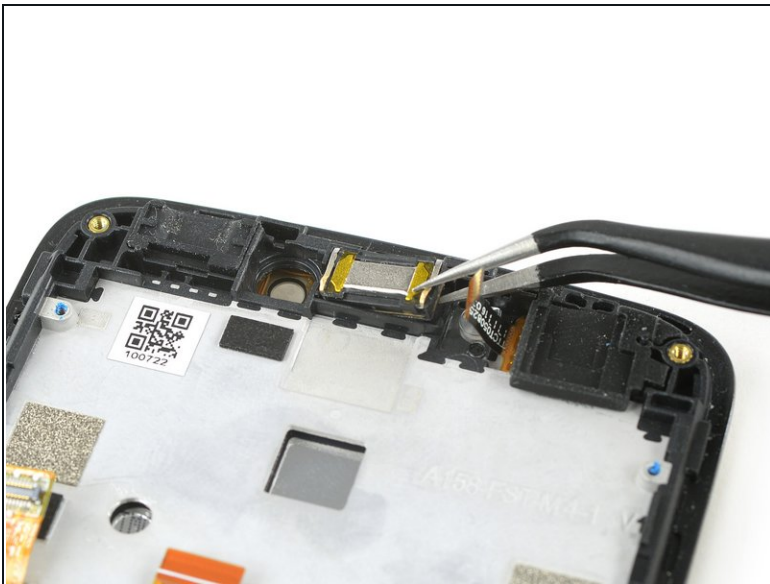
- Remove the daughterboard including the soldered-on vibration motor.

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



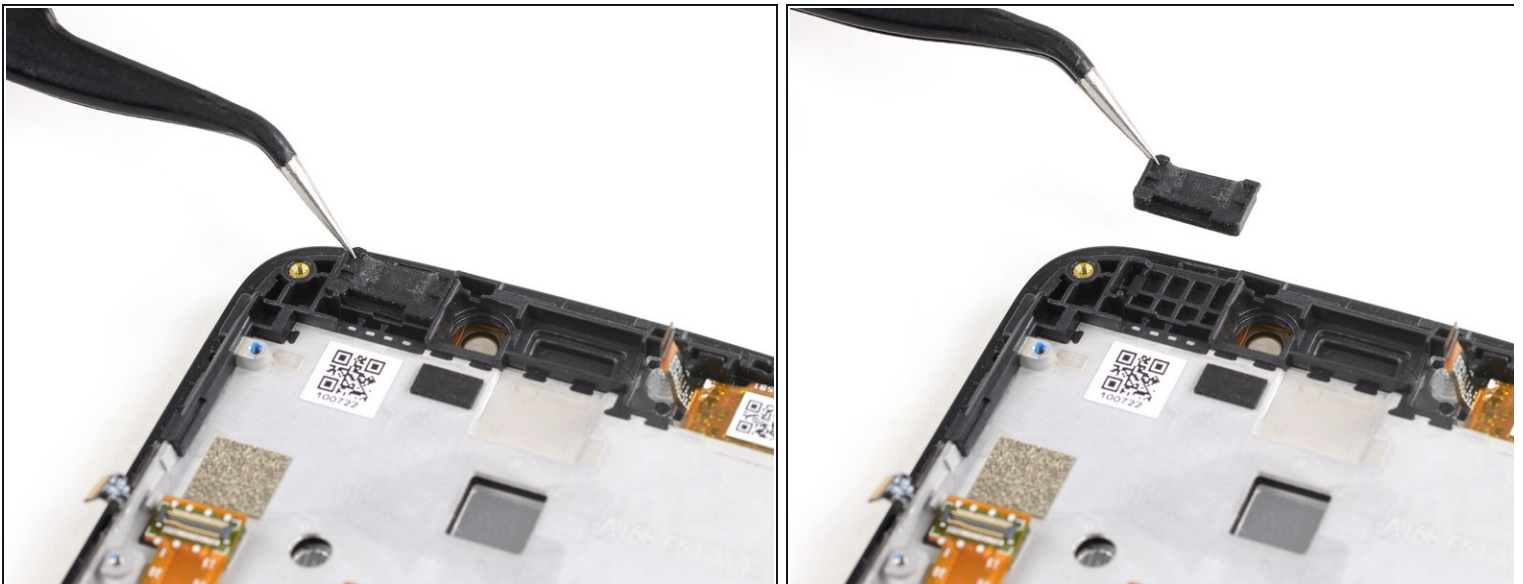
- Use a pair of tweezers to carefully grab and remove the earpiece speaker.

Step 28 — Screen Assembly



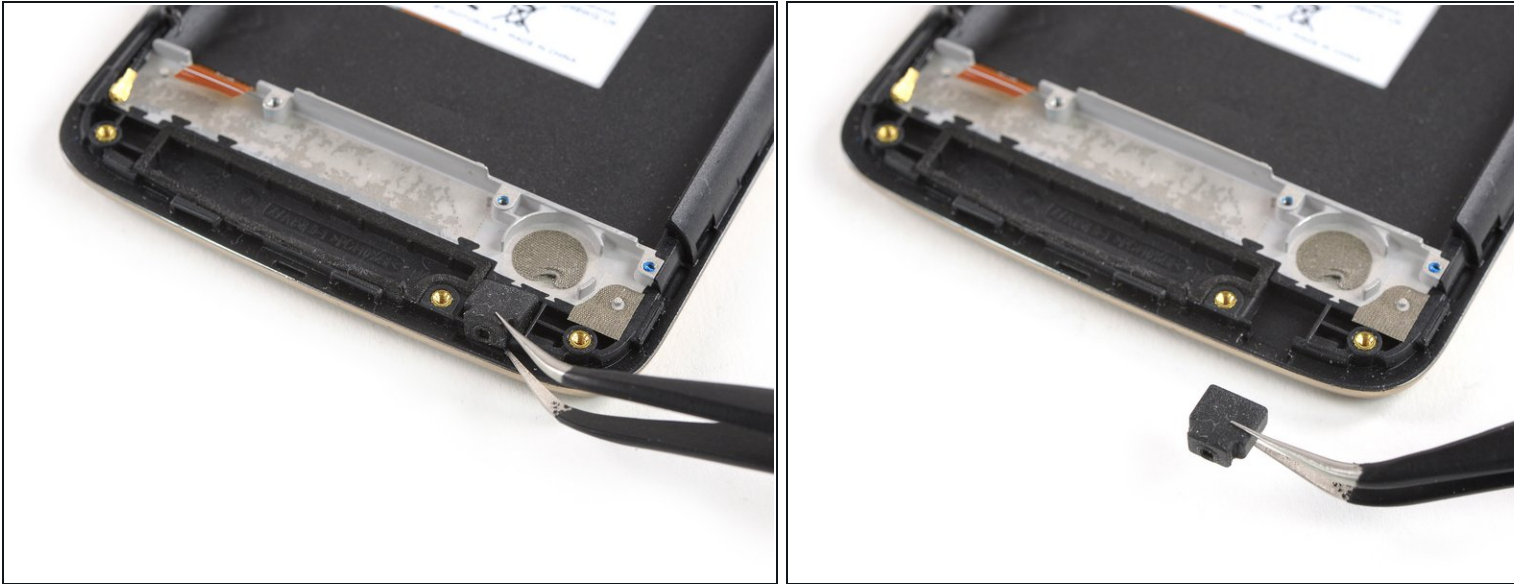
- Use a pair of tweezers to remove the rubber headphone jack gasket in the corner of the display assembly.

Step 29



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

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



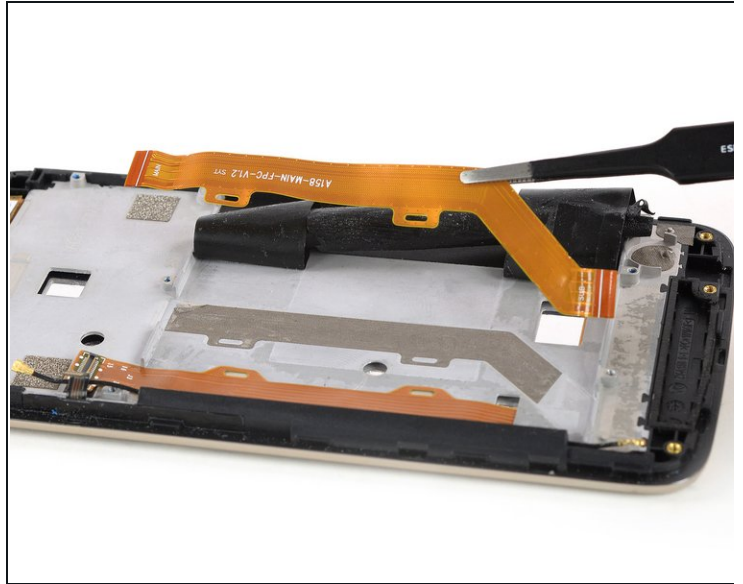
- Use a pair of tweezers to gently peel the adhesive tape off the flex cables and fold it out of the way.

Step 33



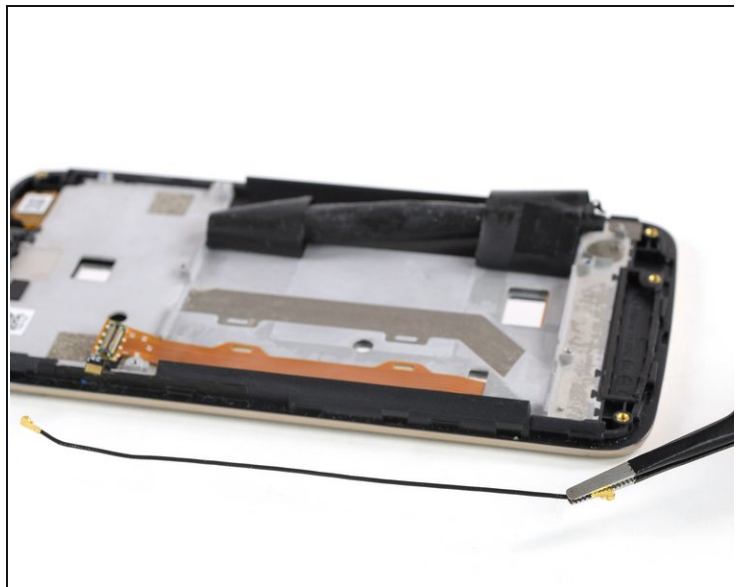
- Use a pair of tweezers to gently peel the product sticker off the interconnect cable.
 - ① In case you can't remove the sticker or it starts to rip apart you can [re-apply an iOpener](#) to loosen the adhesive.

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.

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.