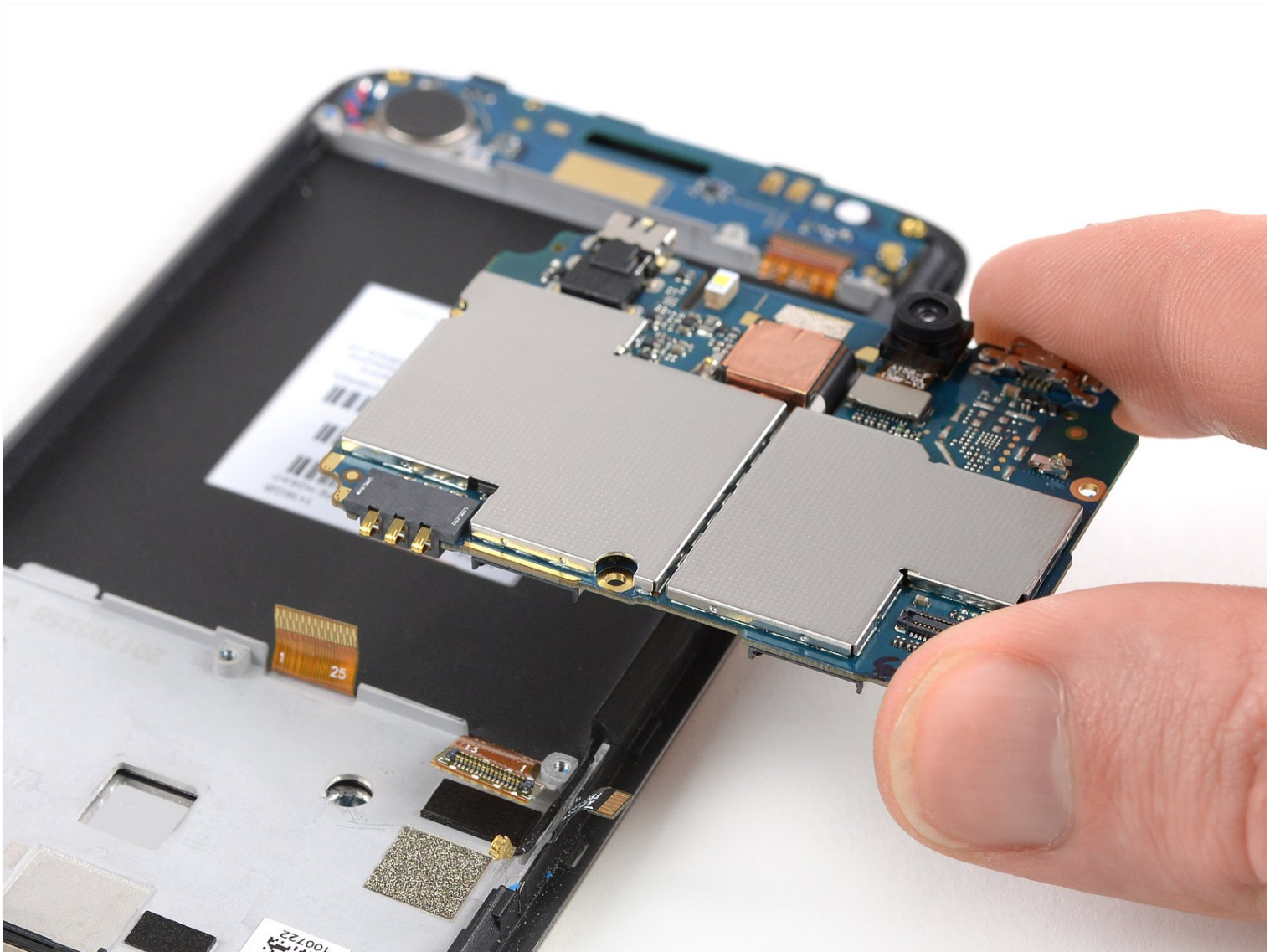




Moto C Plus Motherboard Assembly Replacement

Use this guide to remove the motherboard with...

Written By: Dominik Schnabelrauch



INTRODUCTION

Use this guide to remove the motherboard with the cameras and headphone jack attached from your 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.

TOOLS:

[Spudger \(spatule antistatique\)](#) (1)

[Médiators iFixit](#) (1)

[Tournevis cruciforme #00](#) (1)

[Pincettes de précision](#) (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 — Motherboard Cover



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

Step 5



- 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 6



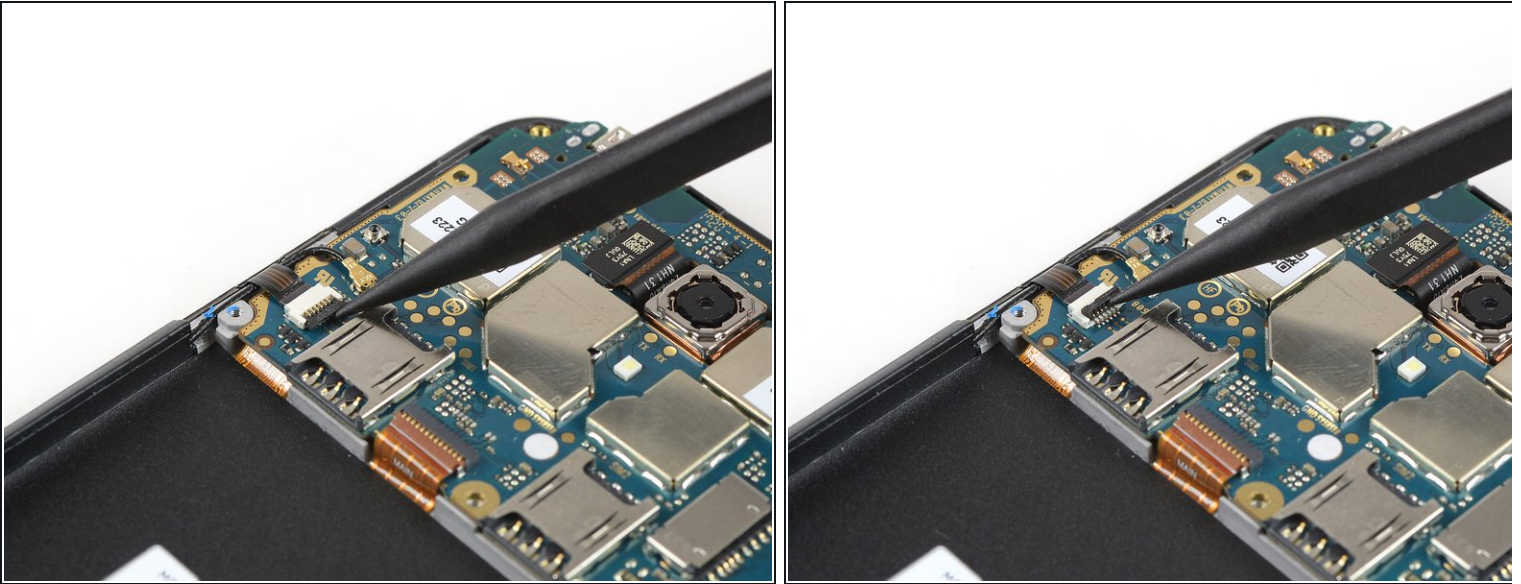
- Repeat the previous step on the left side of the motherboard cover to free it out of the plastic clamps.
- Pry up the motherboard cover until you can get a good grip.
- Remove the motherboard cover.

Step 7 — Motherboard Assembly



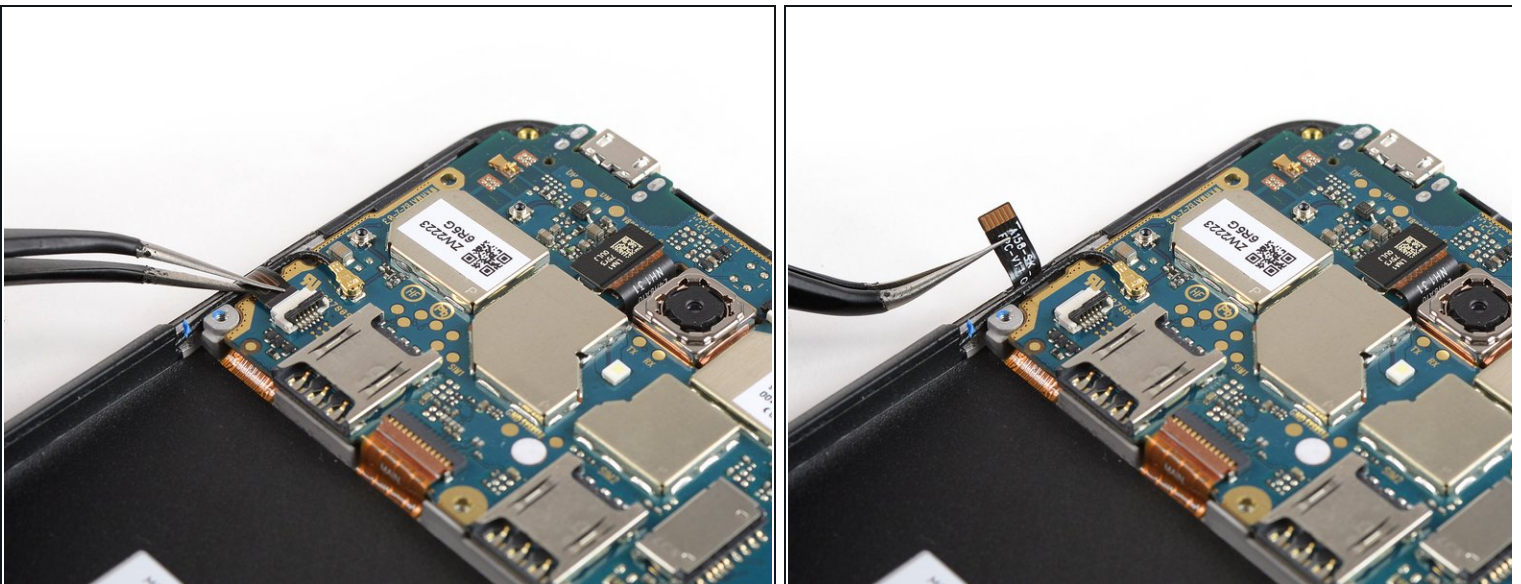
- Remove the two 3.2 mm Phillips #00 screws securing the motherboard.

Step 8



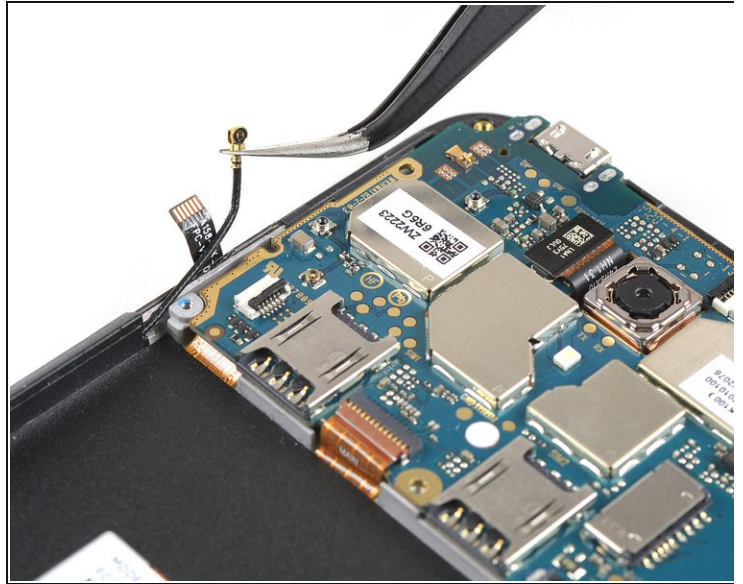
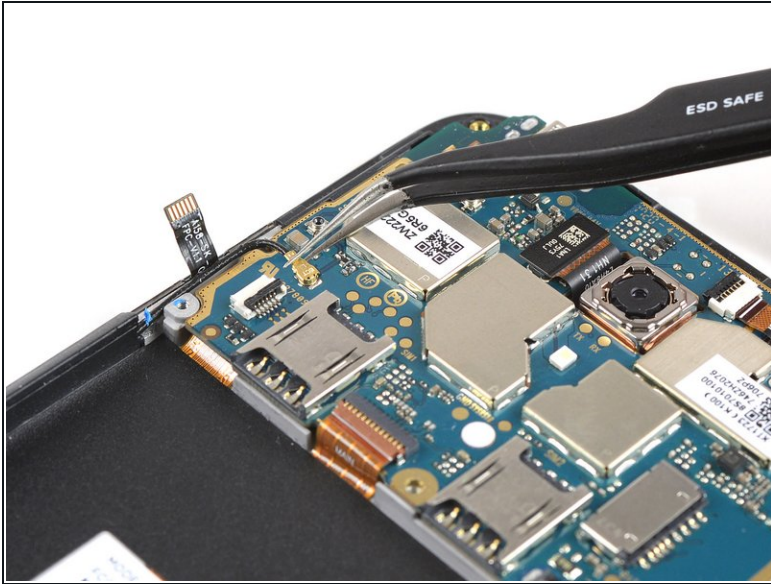
- Use the tip of a spudger to lift the latch on the power and volume button ZIF connector.

Step 9



- 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 10



- Pry up and disconnect the antenna cable.
- Fold the antenna cable out of the way.

Step 11



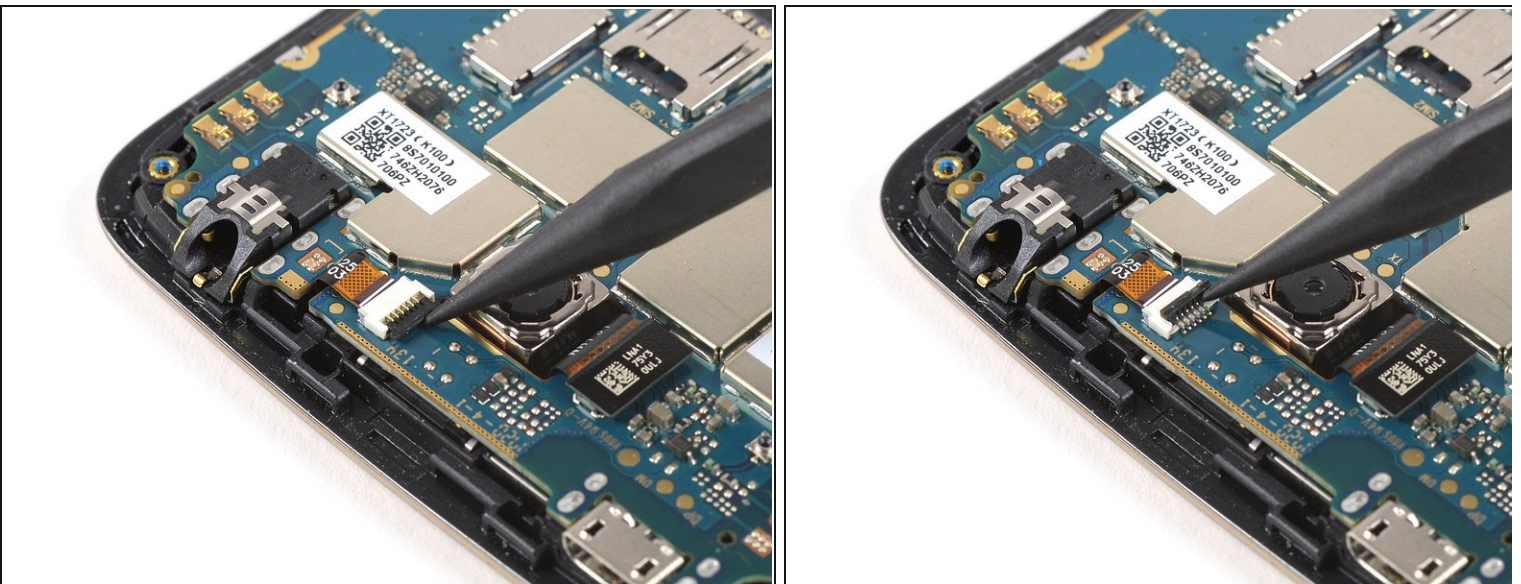
- Use the tip of a spudger to open the interconnect cable ZIF connector by lifting the brown flap.
- ☑ When reassembling make sure the white line on the cable aligns with the closed flap.

Step 12



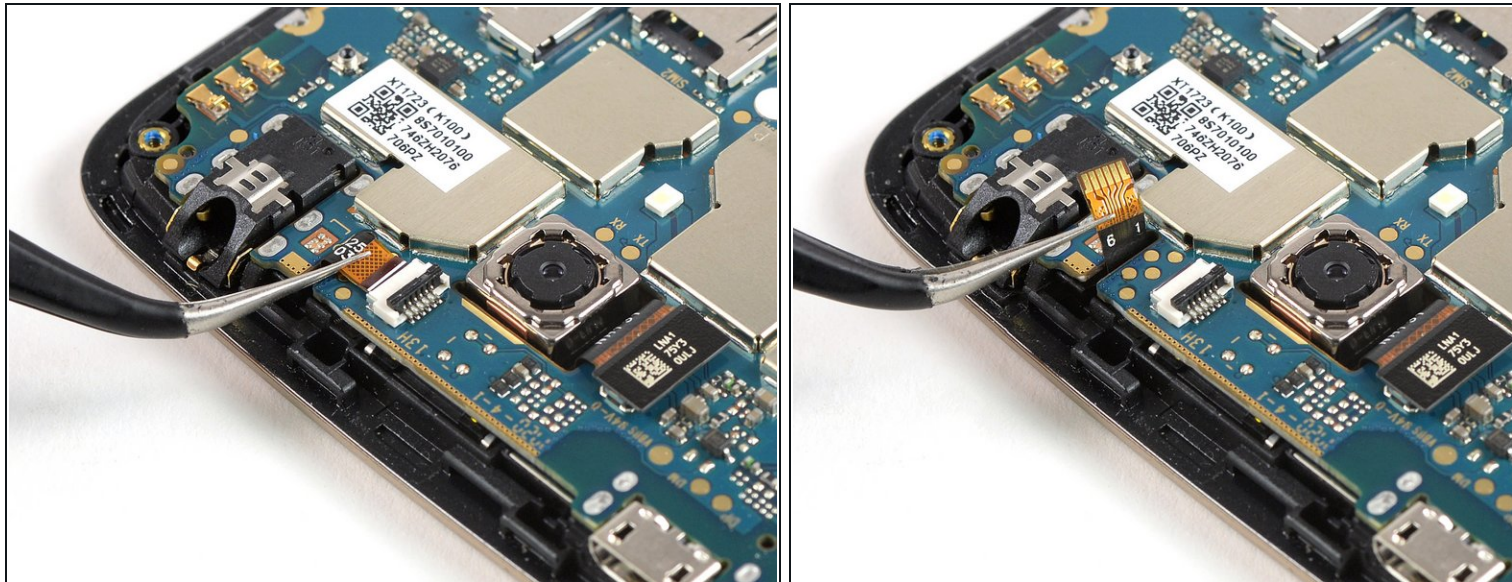
- Use a pair of tweezers to pull the interconnect flex cable out of the ZIF connector.

Step 13



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

Step 14



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

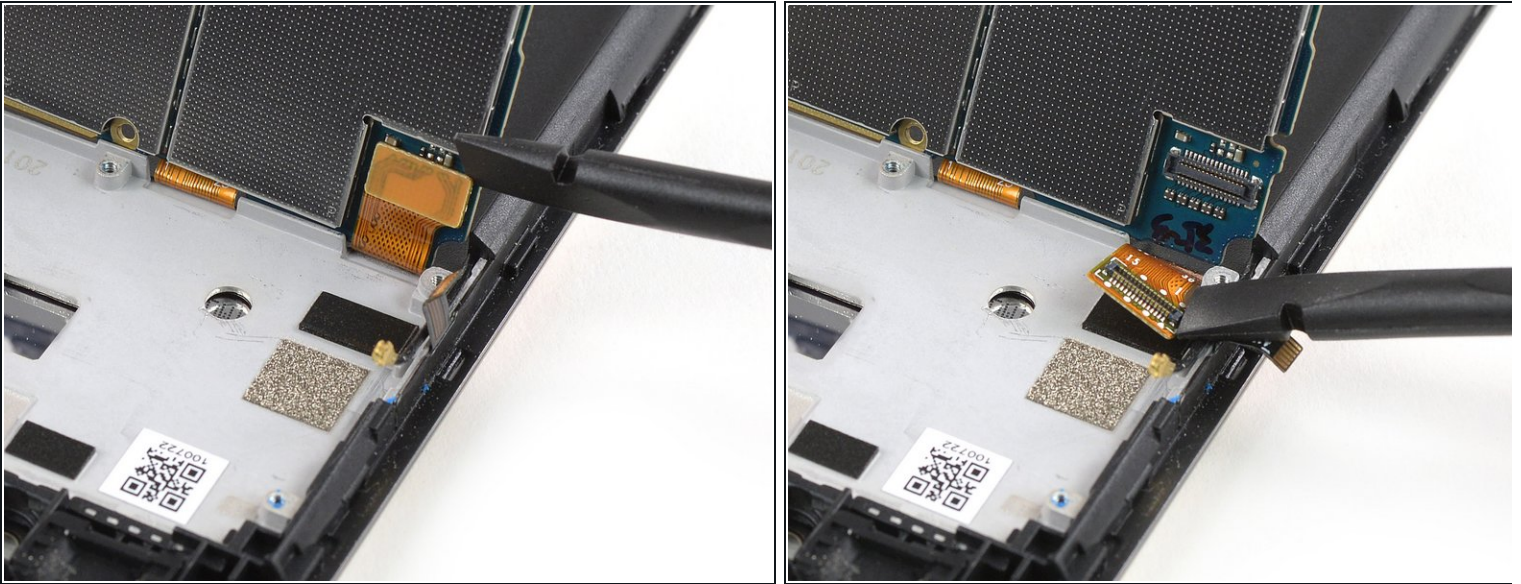
Step 15



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

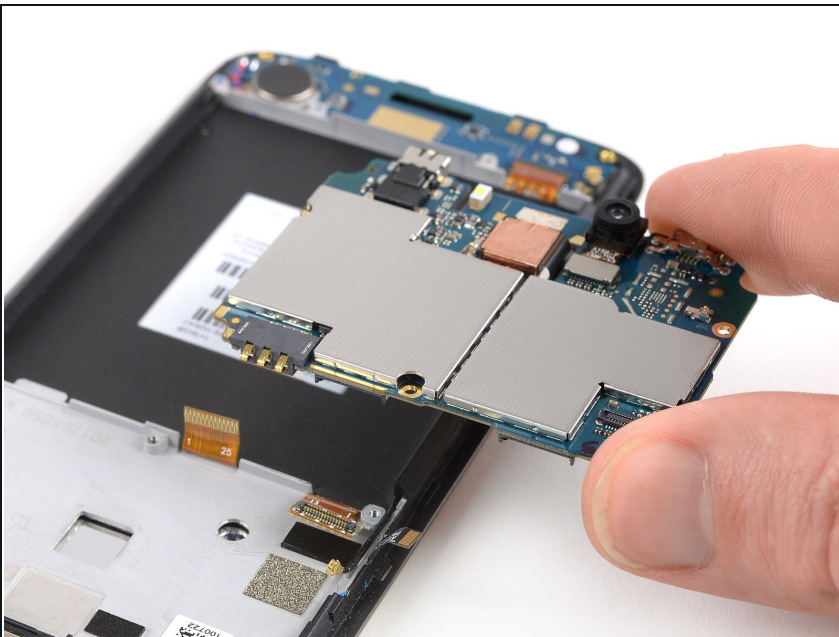
- Use a spudger to carefully lift the motherboard until you can get a good grip. Avoid to damage the cables next to the motherboard.
- Lift the motherboard and fold it back until you have enough space to disconnect the display flex cable.

Step 16



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

Step 17



- Remove the motherboard.

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