Aquaris M5 Mainboard Replacement

This Guide will show you how to replace the mainboard of your bq Aquaris M5.

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INTRODUCTION

Use this guide to replace the mainboard of your bq Aquaris M5.

🔧 TOOLS:

- Tweezers (1)
- iFixit Opening Tools (1)
- Spudger (1)
- Phillips #00 Screwdriver (1)
- SIM Card Eject Tool (1)

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Step 1 — Back Cover

- Insert the tip of an iFixit opening tool between the back cover and the mid frame of the phone.

  ⓘ Between the 2 SIM card slots is a good place to start.

- Slide the opening tool to the bottom of the phone, to snap out the plastic clips, connecting the back cover and mid frame.

Step 2

- Slide the opening tool back to the top of the phone, to disconnect all the clips on the edge.

- Slide around the corner and along the top edge, to also disconnect these clips.

Step 3

- ⚠ Be careful not to bend the back cover too hard to prevent some of the clips breaking.

- Grab the back cover by the loosened edge.

- Gently bend and twist the flexible back cover a bit to disconnect the remaining clips.

- Take off the back cover.

Step 4 — Battery

- (i) Damaging the liquid indicator sticker, on the middle most screw, will void the warranty of the phone.

- Unscrew the ten black 4mm Phillips #00 Screws from the mainboard shield.

- Unscrew the golden 3.4mm Phillips #00 screw on the middle-right side of the mainboard shield.

Step 5

- Insert the flat side of a spudger between the mainboard shield and the frame of the phone.

- Twist the spudger to lift up the mainboard shield.

- Remove the mainboard shield from the phone.

Step 6

- Use a spudger to disconnect the battery's flex cable from the mainboard.

- Pull of the sticker on the bottom side of the battery.

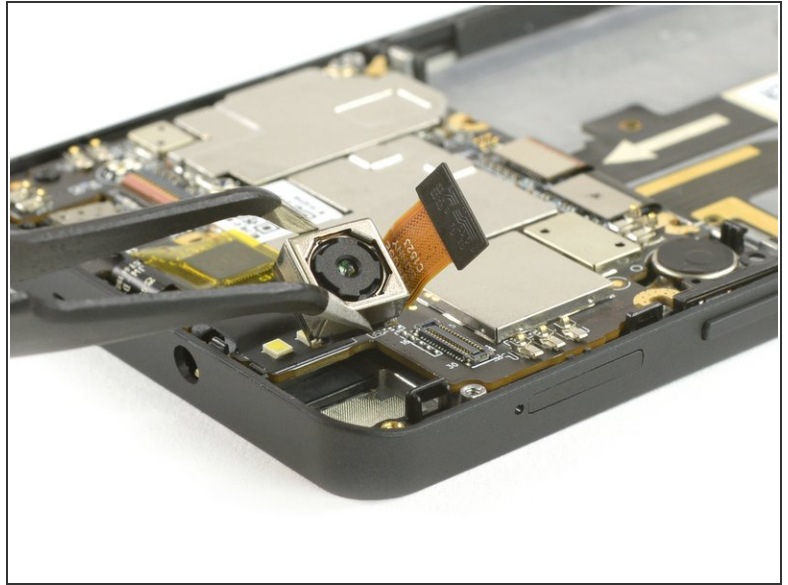- Grab the sticker and lift it up to take the battery out of the phone.

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Step 7 — Front Camera

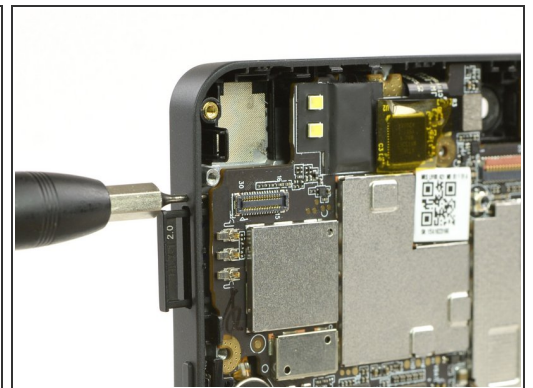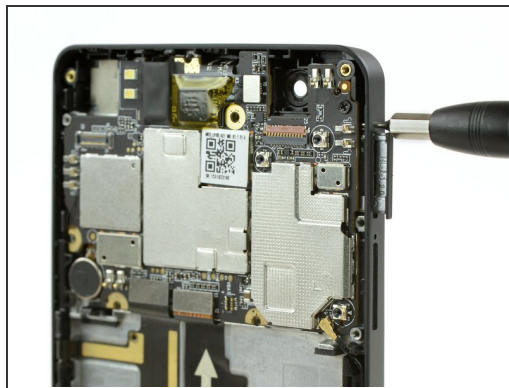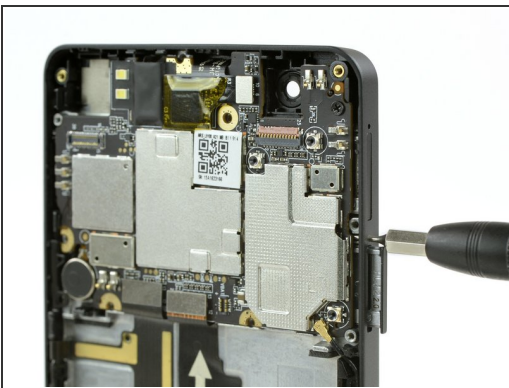⚠️ FPC Connectors can break easily, be very careful.

- Use an opening tool or your finger nail to open the FPC connector.

- Disconnect the FPC connector cable.

- Use the tip of a spudger to leverage the camera out of its housing.

- Remove the front camera.
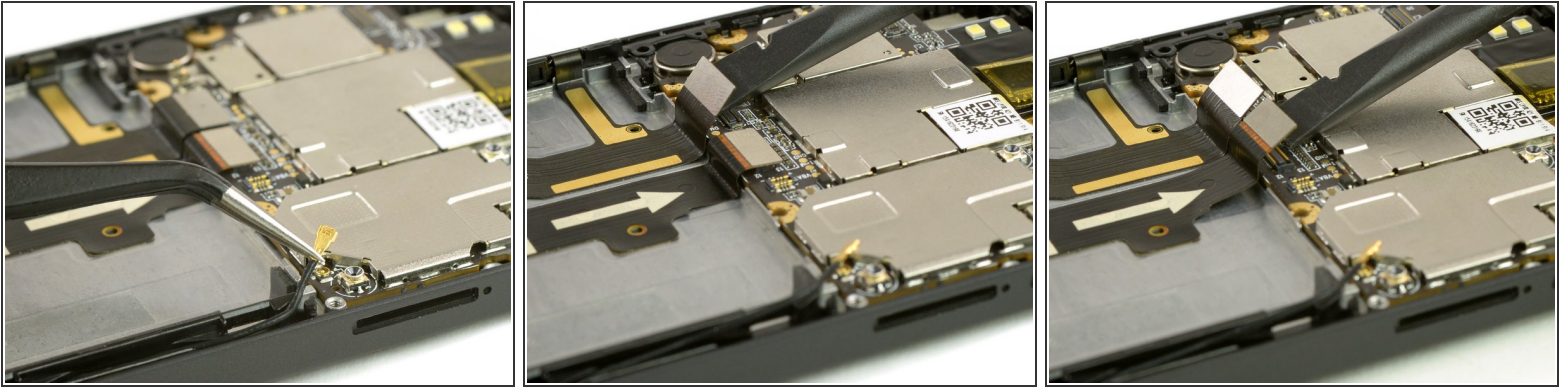
Step 8 — Rear Camera

- Use the flat side of a spudger to disconnect the camera's flex cable.

- Use Tweezers to grab the camera and lift it out of the phone.
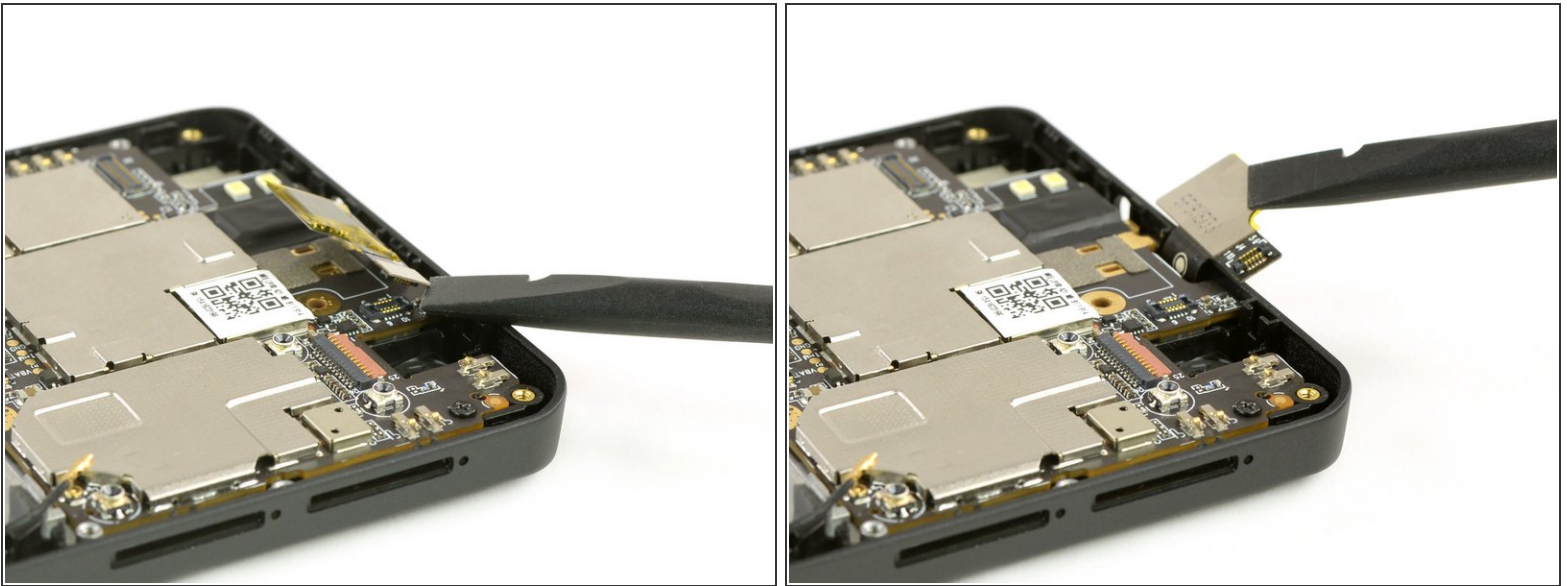
Step 9 — Mainboard

- Use a SIM card eject tool, to eject the two SIM card slots on one side.

- Use a SIM card eject tool, to eject the micro SD card slot on the other side.

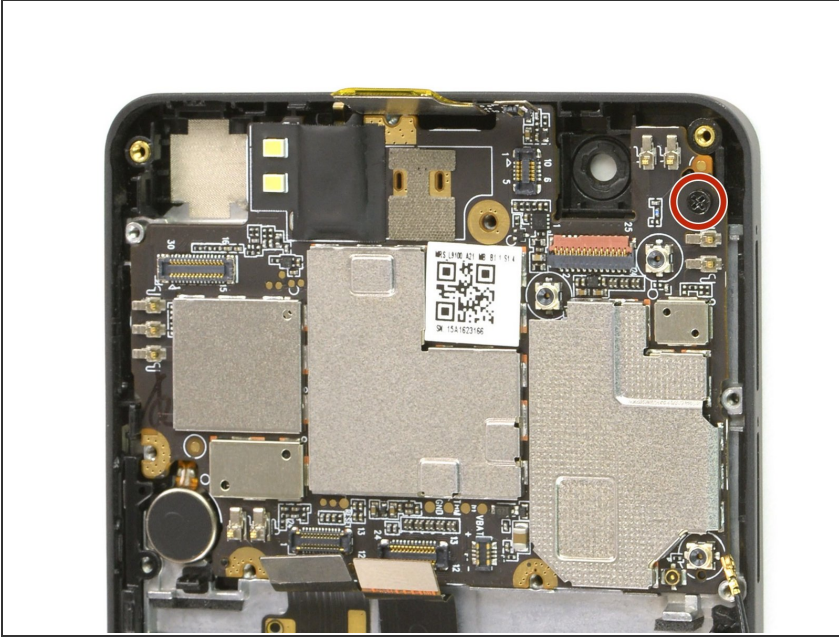This document was generated on 2019-10-07 01:55:53 PM (MST).

Step 10

- Use tweezers to unplug the antenna cable in the bottom right of the mainboard.

- Use a spudger to disconnect the two flex cables at the bottom of the mainboard.

Step 11

- Use the flat end of a spudger to disconnect the flex cable at the top of your the mainboard.

- Bend the cable a bit over the edge, so it won't block the mainboard later, when you are taking it out.

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Step 12

- Take out the 4mm Phillips #00 screw, holding the mainboard to the frame.

Step 13

- Insert the flat end of a spudger between the mainboard and the mid frame.
  - ⓘ The best spot is on the right side next to the two SIM card slots.
- Use the spudger to lever the mainboard.
- Take the mainboard out of the phone.

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

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