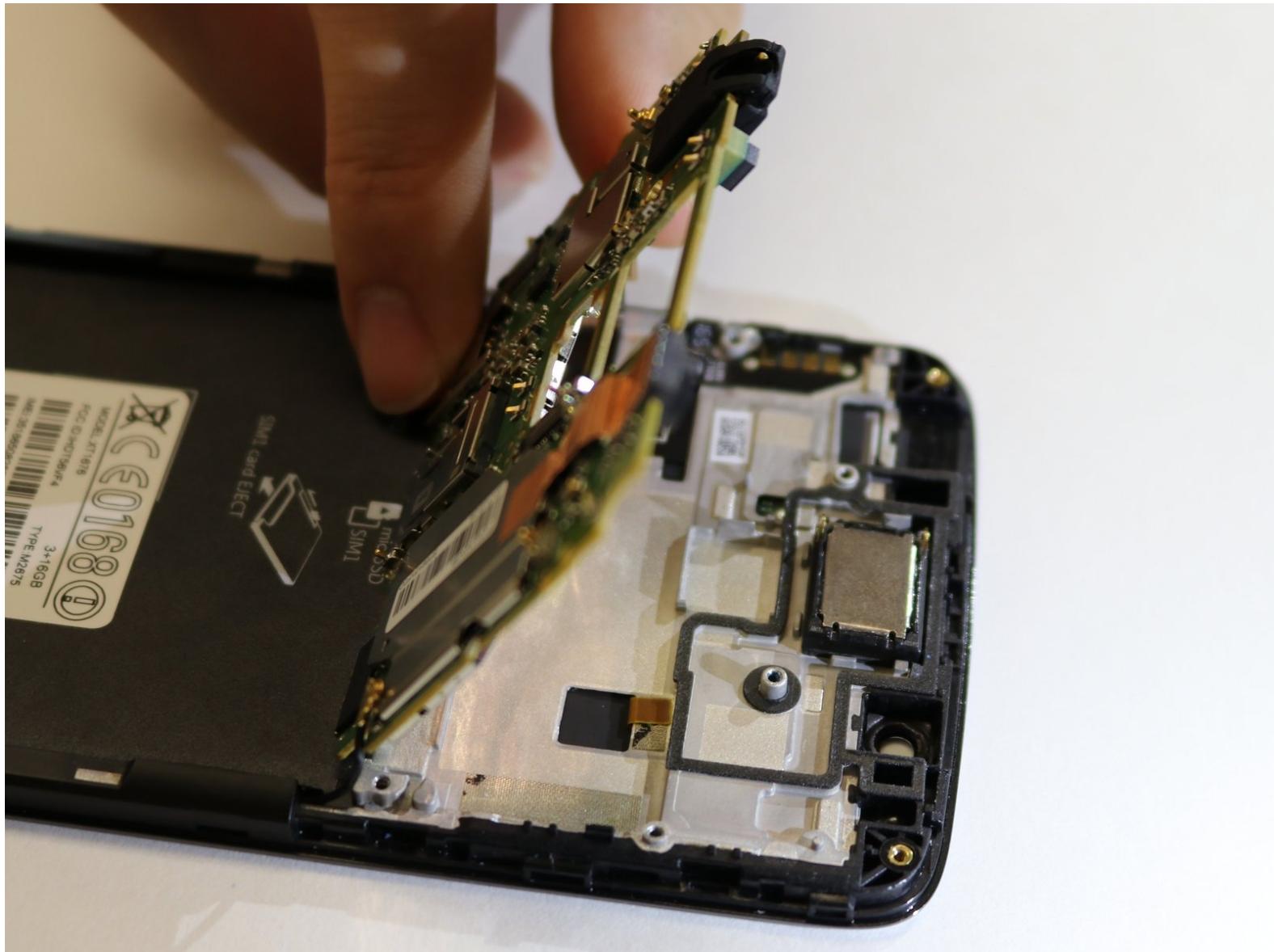




Motorola Moto G5 Motherboard Replacement

Use this guide to replace a broken or faulty motherboard.

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INTRODUCTION

This guide will help with the replacement of a broken or faulty motherboard.

TOOLS:

- [Spudger \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Tweezers \(1\)](#)
- [Phillips #00 Screwdriver \(1\)](#)

Step 1 — Back Cover



- Insert your fingernail or the flat end of a spudger into the notch on the bottom edge of the phone near the charging port.
- Pry with your fingernail or twist the spudger to release the back cover from the phone.

Step 2



- Insert the flat end of a spudger into the seam and slide it along the bottom edge to release the clips holding the back cover to the phone.

Step 3



- Continue sliding the flat end of the spudger along the seam for the remaining sides of the phone.

Step 4



- Lift the back cover and remove it from the phone.

- ☒ To reinstall the back cover, align the cover with the phone and squeeze along the edges to snap the clips back into place.

Step 5 — Battery



- Insert your fingernail or the flat end of the spudger into the notch below the battery.
- Pry with your fingernail or spudger until you free the battery from its recess.

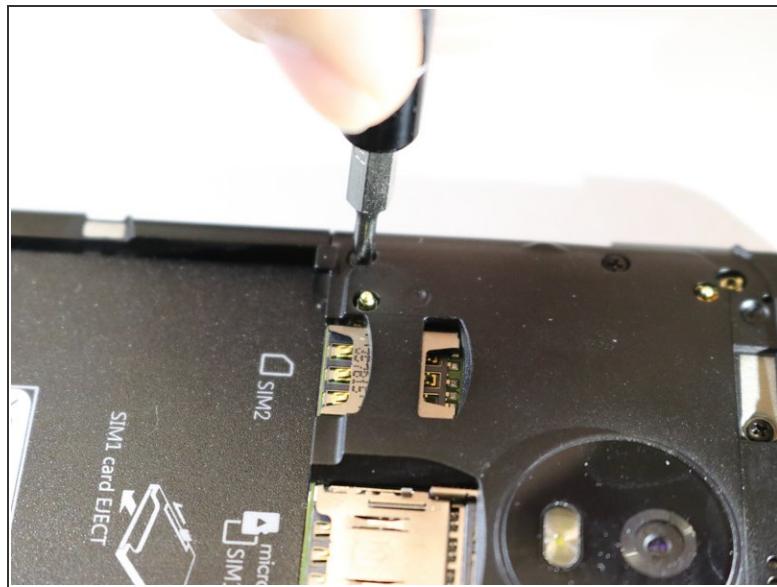
Step 6



- Remove the battery.

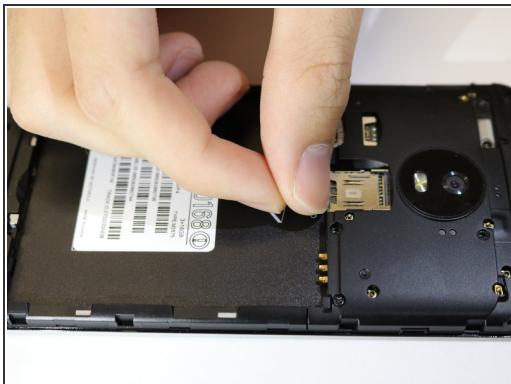
 When installing the battery, make sure the battery's contacts line up with the three gold pins on the top right.

Step 7 — Rear Facing Camera



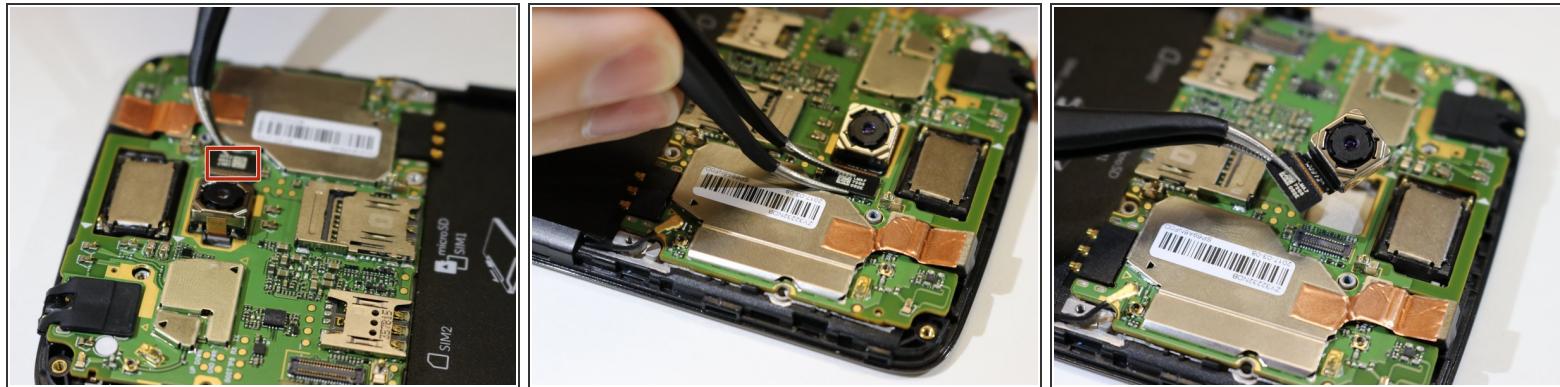
- Remove the eight (8) 4mm screws with a Phillips screwdriver.

Step 8



- Pry the top motherboard cover off using a plastic opening tool.
- When prying it open, make sure to pry it around evenly so that the cover will not snap. This will require some force.

Step 9



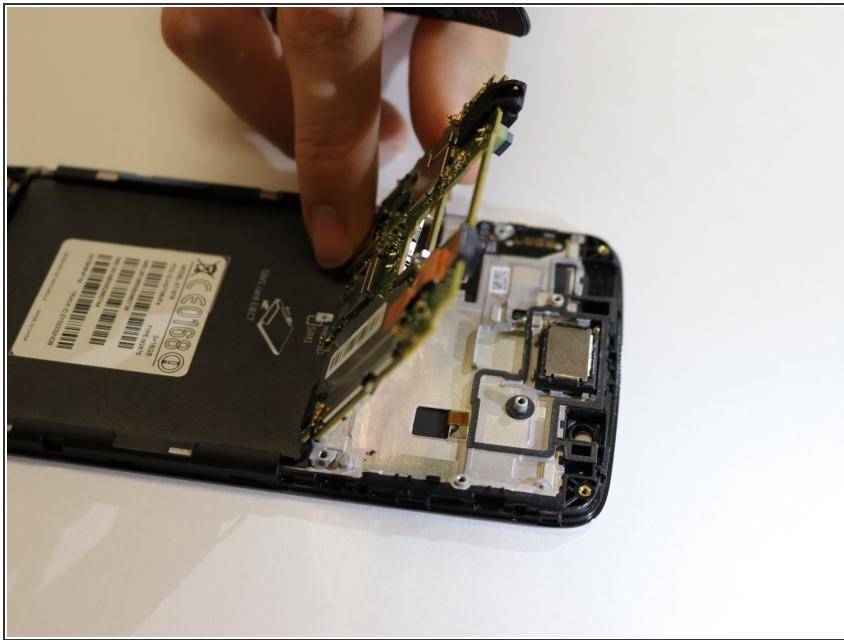
- Disconnect the marked connector with a pair of tweezers and remove the camera piece.

Step 10 — Motherboard



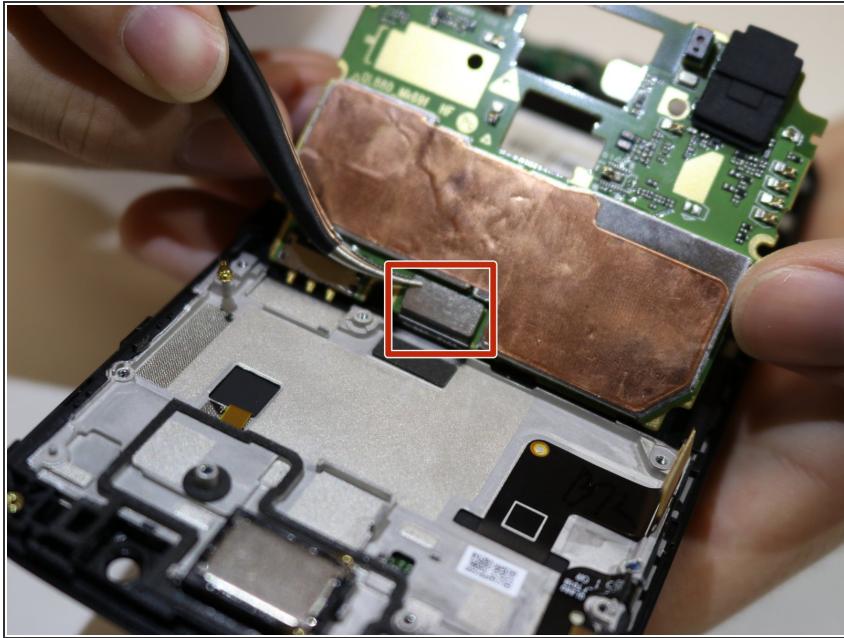
- Remove the two 4mm screws shown in the picture using a Phillips #00 screwdriver.

Step 11



- Lift the motherboard up from the top of the phone.

Step 12



- Unplug the back connector from the motherboard using tweezers.

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