



IFIXIT

Motorola Moto G3 Teardown

Written By: Witrigs



INTRODUCTION

[video: <https://www.youtube.com/watch?v=4039WGldia0>]

🔧 TOOLS:

Heat Gun (1)
Suction Handle (1)
Guitar Picks (1)
T4 Torx Screwdriver (1)
Tweezers (1)
Spudger (1)

Step 1 — Motorola Moto G3 Teardown



- Remove back cover.

① Moto G3 plastic panel can be easily removed with the fingernails.

Step 2



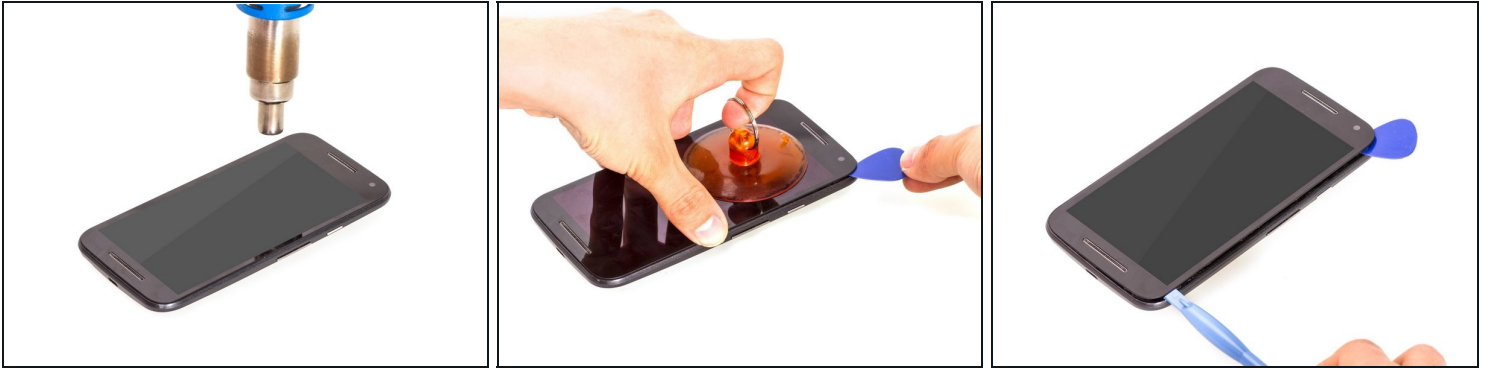
- Remove camera&flashlight metal cover. Use [tweezers](#) to cut strong adhesives underneath.

Step 3



- Undo 3 screws by T4 Torx screwdriver.
- Take away plastic securing part.

Step 4



- Heat up the LCD screen for a while.
- Then with the help of suction cup, insert guitar picks to open a gap. Slide guitar picks or plastic opening tool to cut strong adhesives.

⚠ There is LCD screen connector on the left side, so be careful to slide guitar picks.

Step 5



- Release LCD screen connector firstly.
- Remove LCD screen.

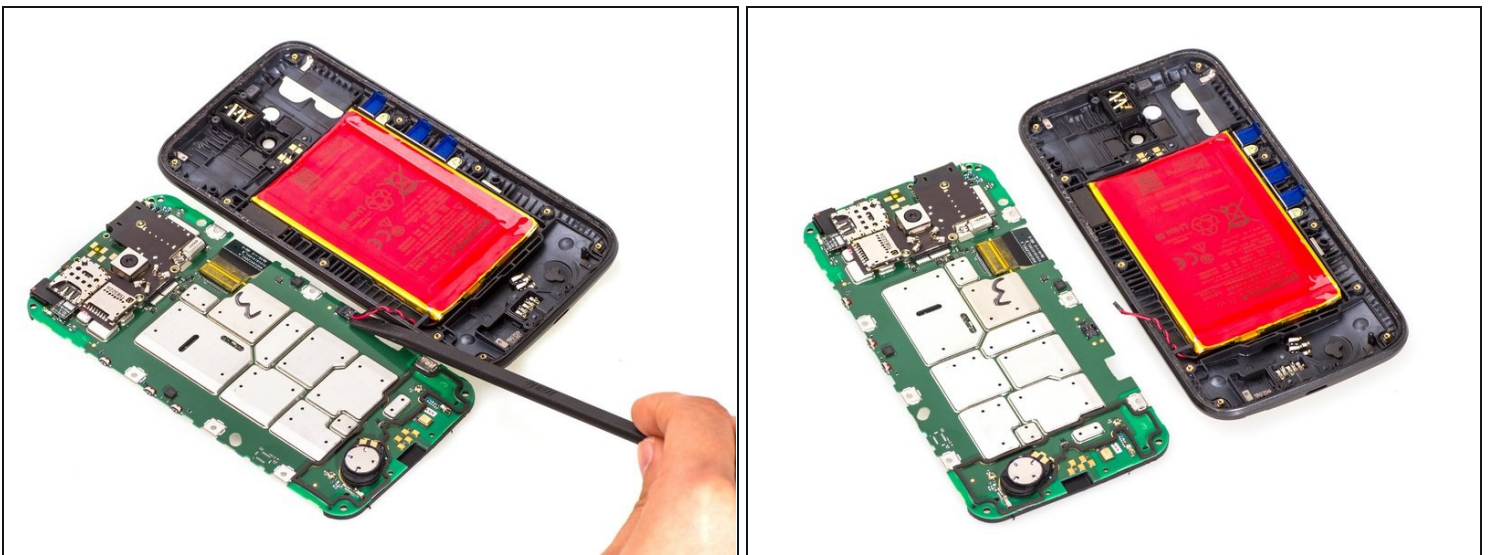
Step 6



- Undo 14 screws by T4 Torx screwdriver
- Pry up motherboard assembly.

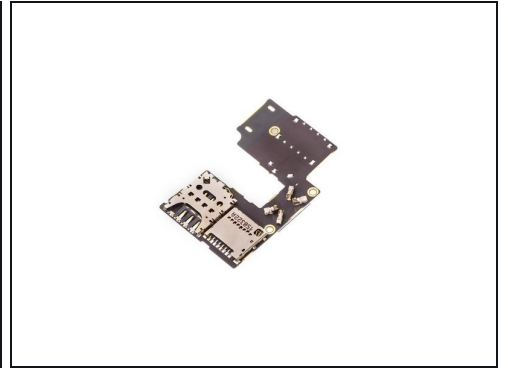
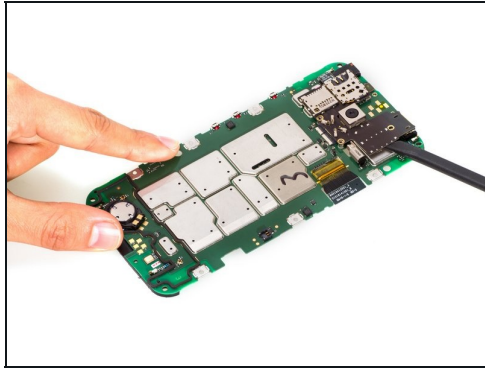
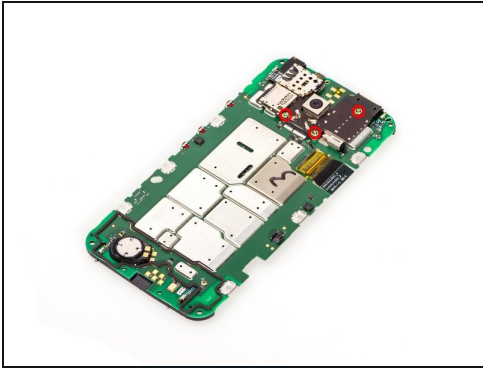
⚠ Battery flex connector is connected with motherboard, so be careful to pry the assembly up.

Step 7



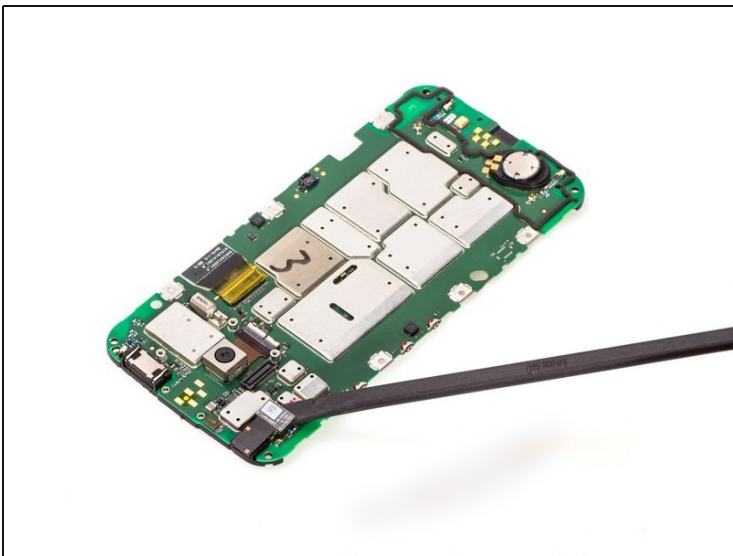
- Release battery flex connector.
- Separate motherboard assembly from back cover assembly.

Step 8



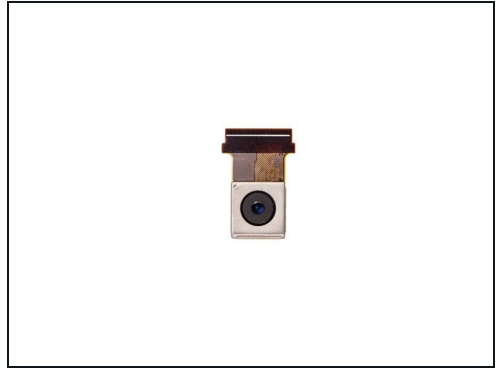
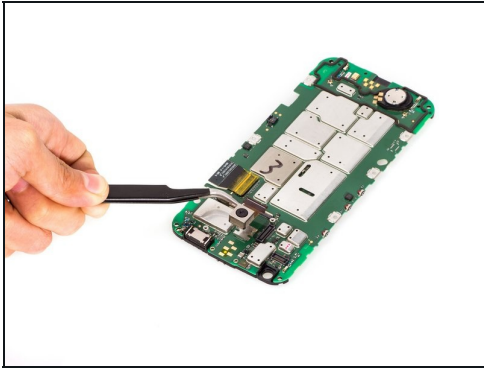
- Undo 3 screws here.
- Use spudger to cut adhesives and pry the SIM&SD card reader board, then remove it.

Step 9



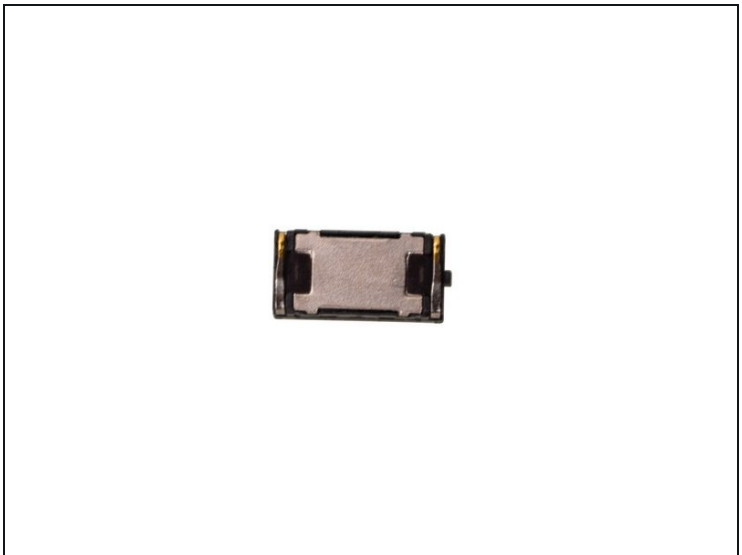
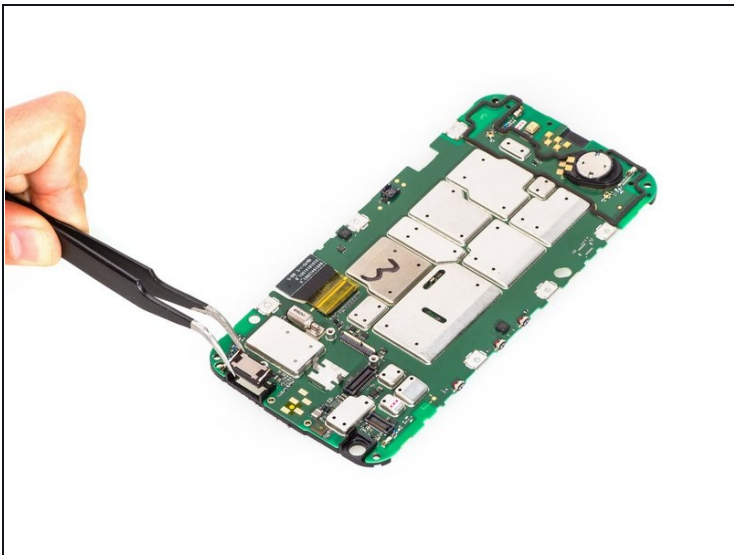
- Remove front-facing camera.

Step 10



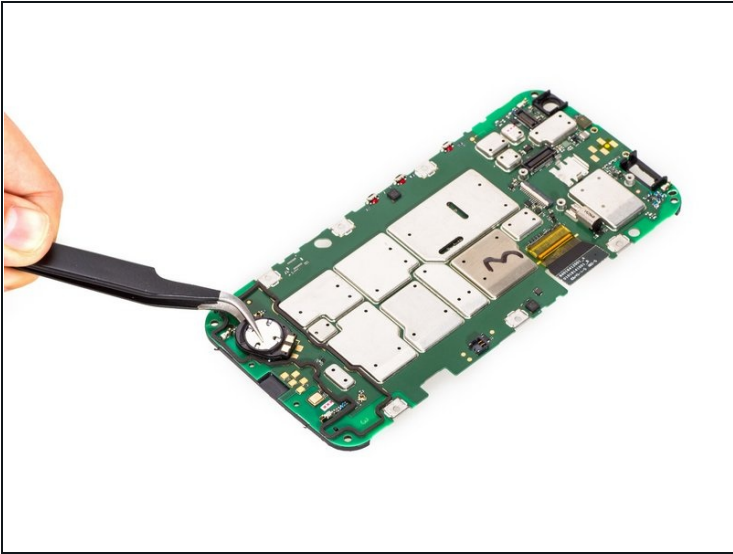
- Remove rear camera.

Step 11



- Remove earpiece.

Step 12



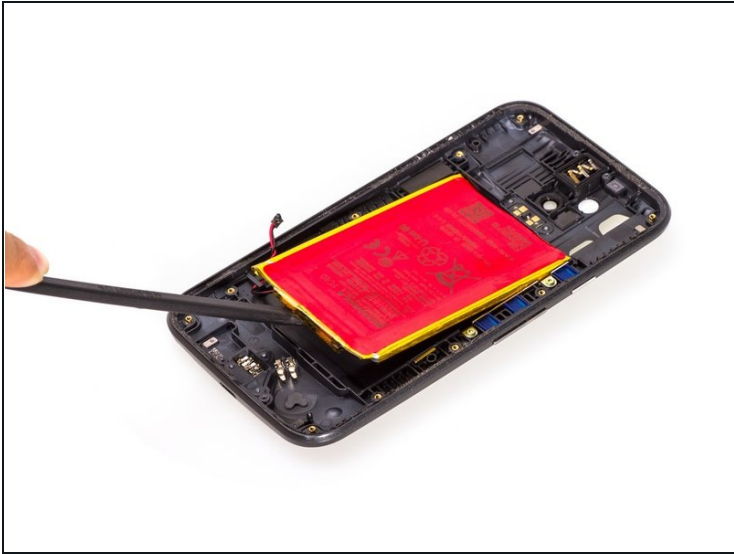
- Remove loudspeaker.

Step 13



- Here is the motherboard.

Step 14



- Use spudger to cut adhesive and pry the battery up.

Step 15



- Take away headphone jack.

Step 16



- Done