



Motorola Moto G3 Teardown

Here comes with detailed steps to do Motorola Moto G3 whole teardown/disassembly.

Written By: Witrigs



INTRODUCTION

[video: <https://www.youtube.com/watch?v=4039WGIIdia0>]

TOOLS:

- [Heat Gun](#) (1)
 - [Suction Handle](#) (1)
 - [Guitar Picks](#) (1)
 - [T4 Torx Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Spudger](#) (1)
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Step 1 — Motorola Moto G3 Teardown



- Remove back cover.

i 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.

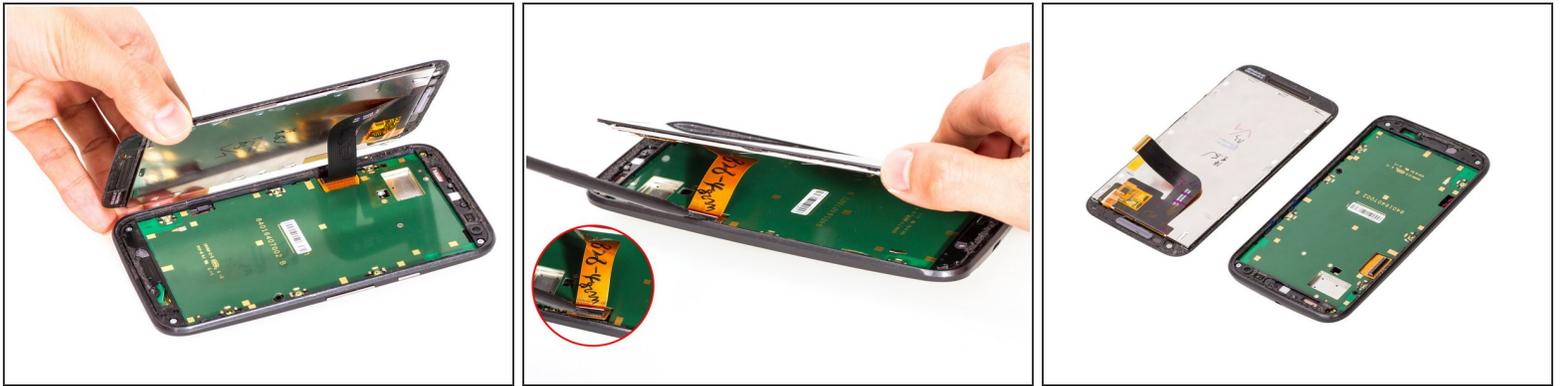
Step 4



- 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.

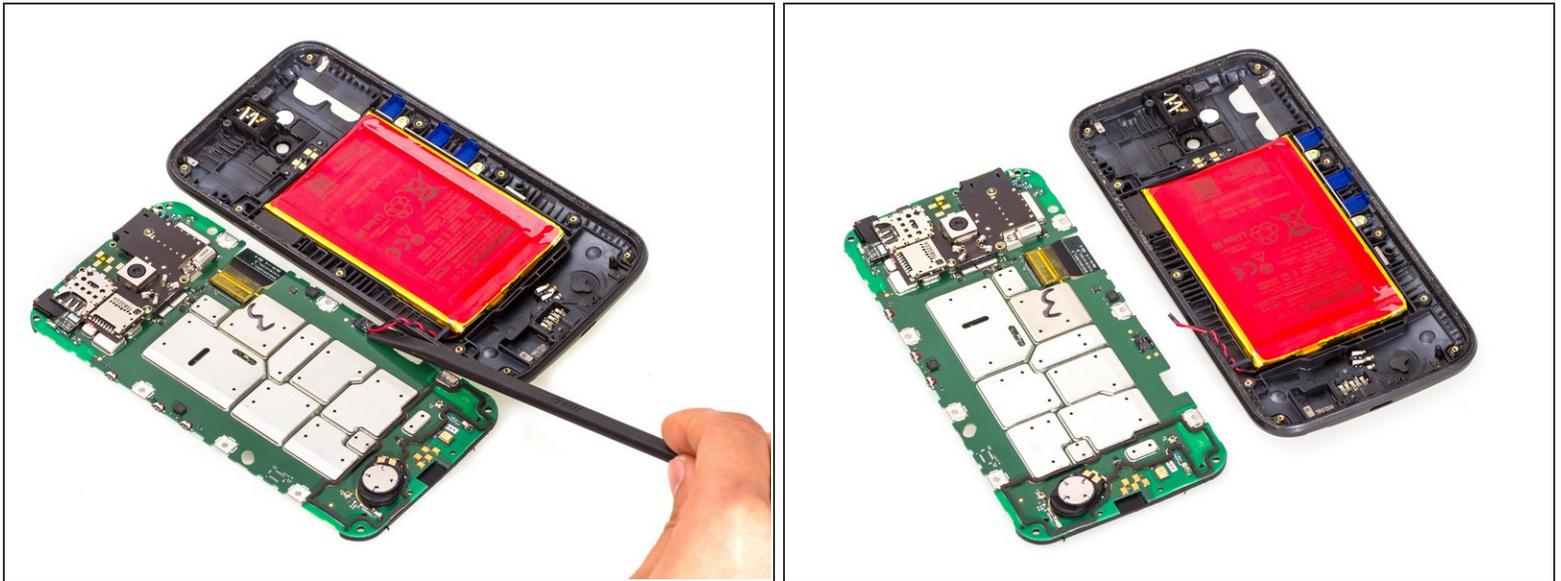
Step 6



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

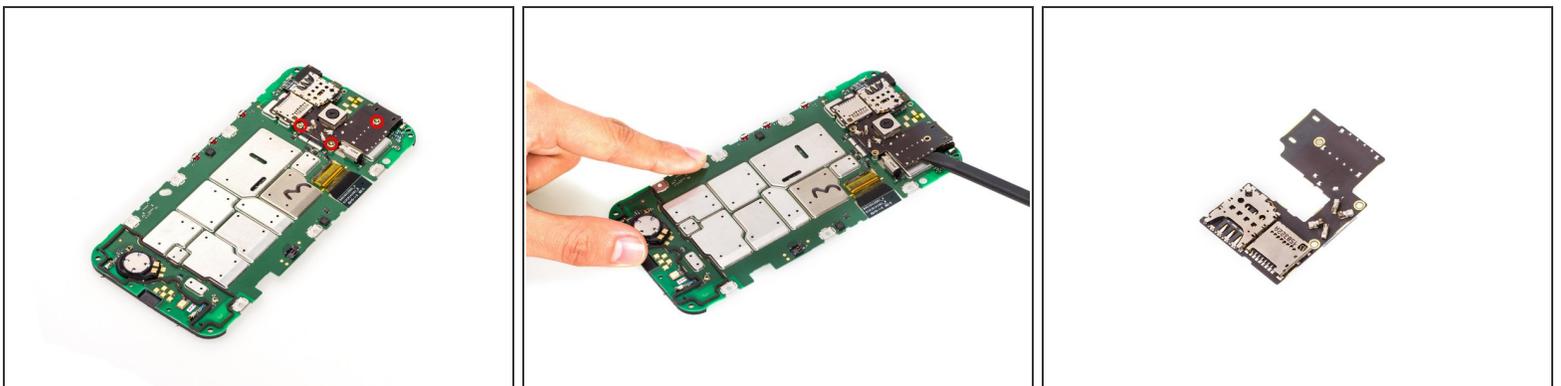
 Battery flex connector is connected with motherboard, so be careful to pry the assembly up.

Step 7



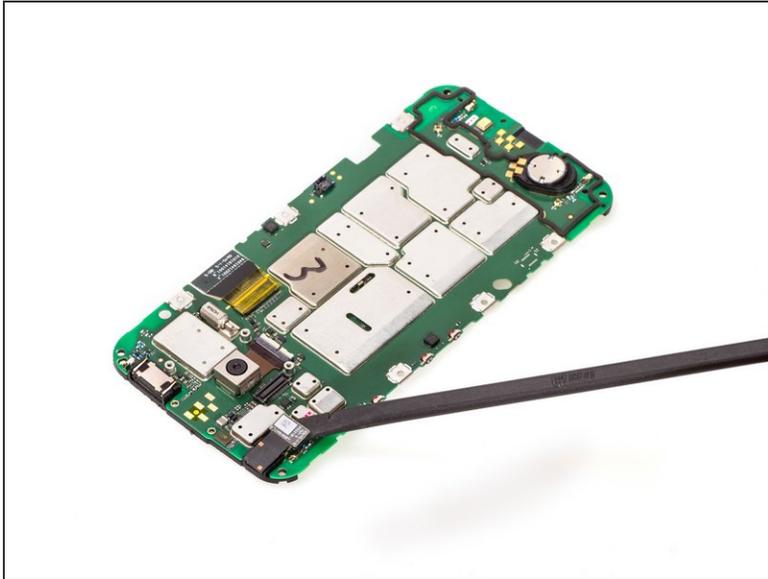
- Release battery flex connector.
- Separate motherboard assembly from back cover assembly.

Step 8



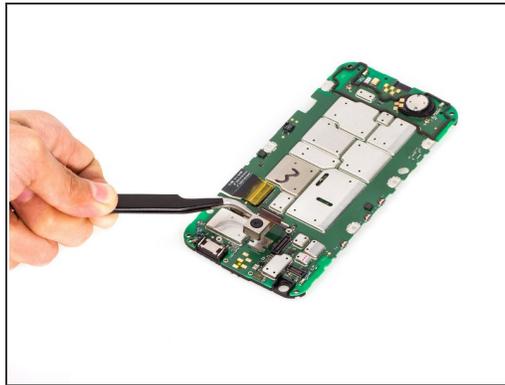
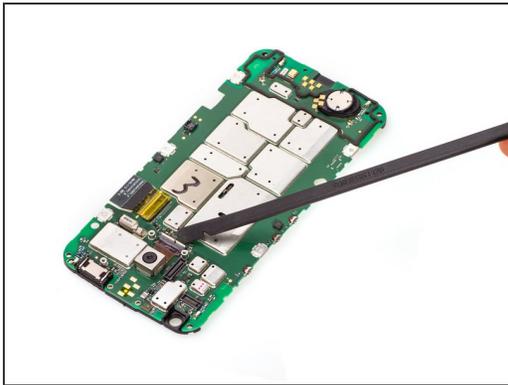
- Undo 3 screws here.
- Use spudger to cut adhesives and pry the SIM&SD card reader board, then remove it.

Step 9



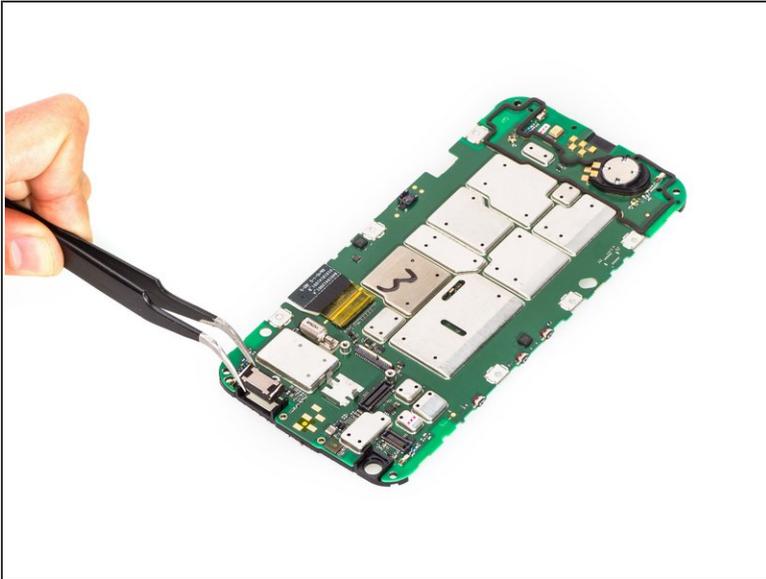
- Remove front-facing camera.

Step 10



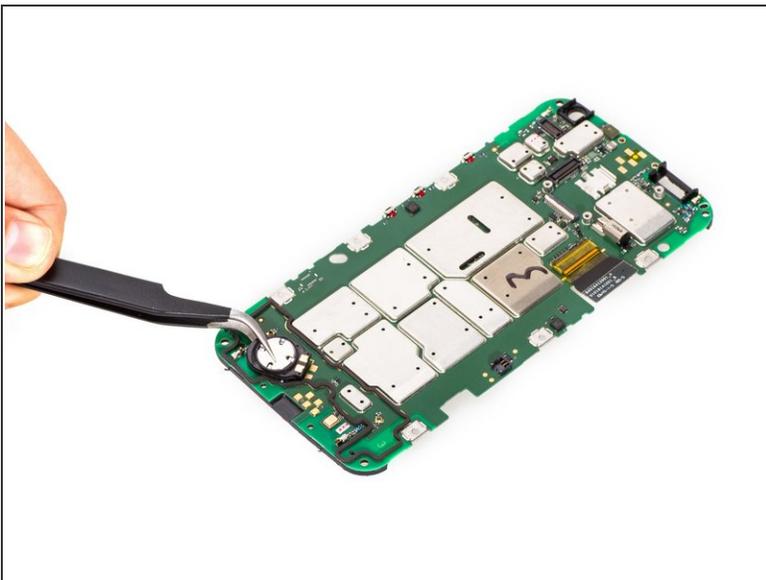
- Remove rear camera.

Step 11



- Remove earpiece.

Step 12



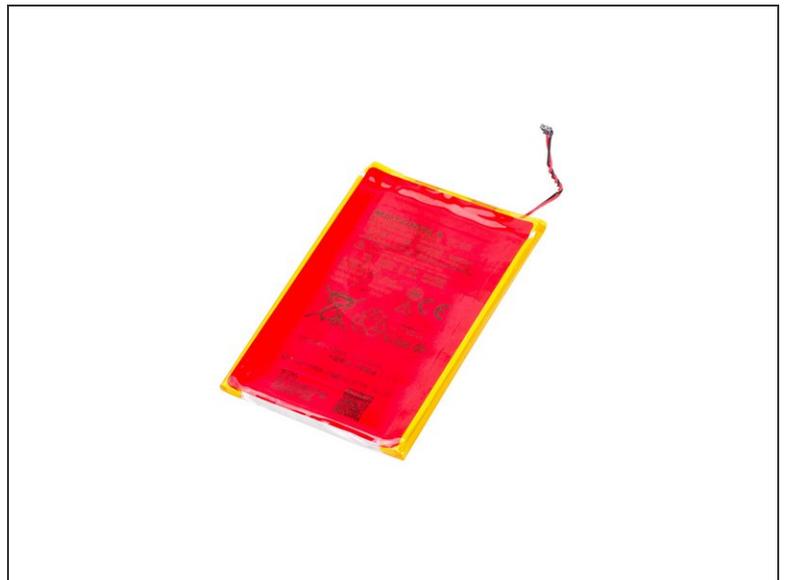
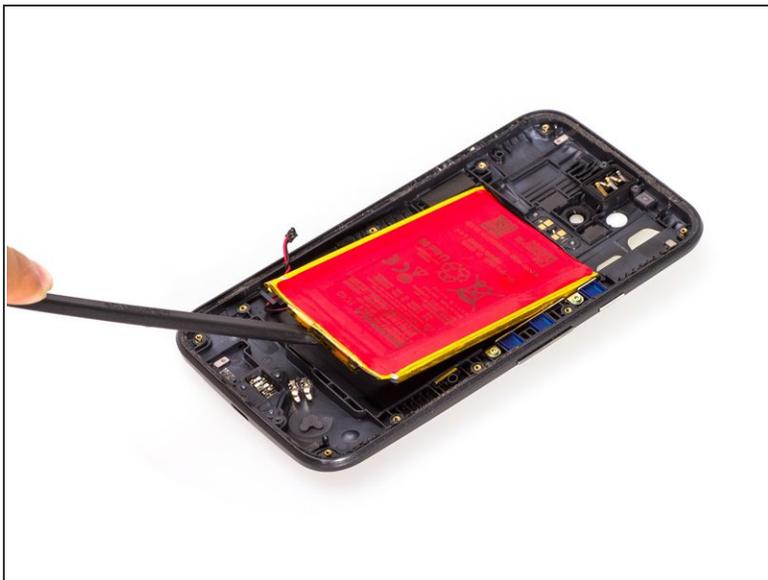
- Remove loudspeaker.

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