



Motorola Moto X Force Teardown

Wanna know how to disassemble Motorola Moto X Force? Here show detailed steps.

Written By: Witrigs



INTRODUCTION

Wanna know how to disassemble Motorola Moto X Force? Here show detailed steps.




TOOLS:

- [Jimmy](#) (1)
 - [Tweezers](#) (1)
 - [T3 Torx Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Heat Gun](#) (1)
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Step 1 — Remove SIM card tray.




 Remove it or it will be a barrier to remove motherboard.

Step 2 — Remove back cover.



- Use heat gun to heat up back cover firstly.
- Insert metal opening tool to open a gap and cut adhesives around.

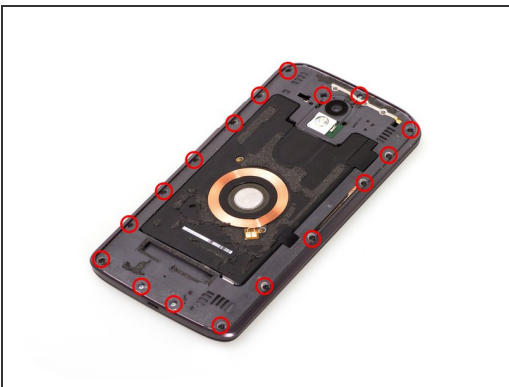
 Take care when sliding tool under the back cover, there are delicate antenna and other components that could be damaged by your glue slicing tool

Step 3 — Remove metal logo cover.



- Use tweezers to cut adhesives underneath.

Step 4 — Remove middle frame.



- Twist off 17 screws by T3 Torx screwdriver.
- Take away rubber bracket securing NFC antenna and release NFC antenna connector.

Step 5



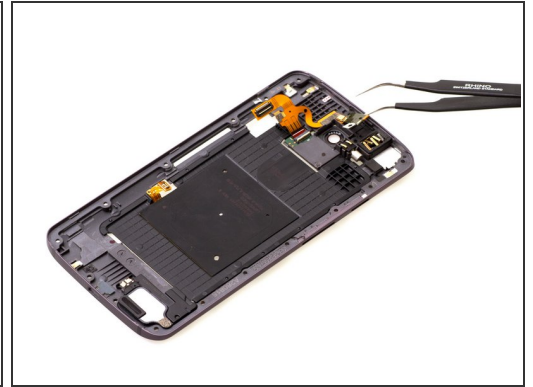
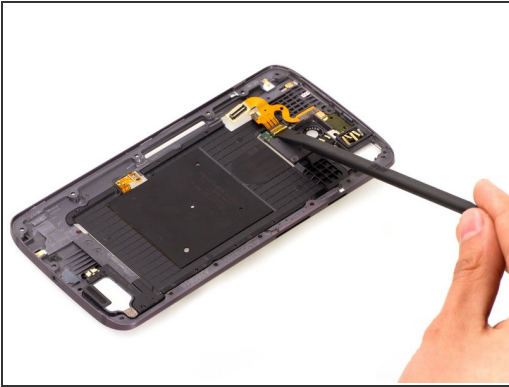
- Take away rubber bracket securing MIC flex and release microphone flex cable connector.

Step 6 — Remove side button.



- After middle frame's separating from the rest of parts, side buttons are loose and easy to remove.

Step 7 — Remove microphone flex cable ribbon.



- Release MIC connector.
- There are adhesives existed underneath.

Step 8 — Remove headphone jack.



- Use tweezers to pry this part up.

Step 9 — Remove vibration motor.



- The vibrator is only fastened by the plastic bracket.

Step 10 — Remove NFC antenna along with plastic board attached.



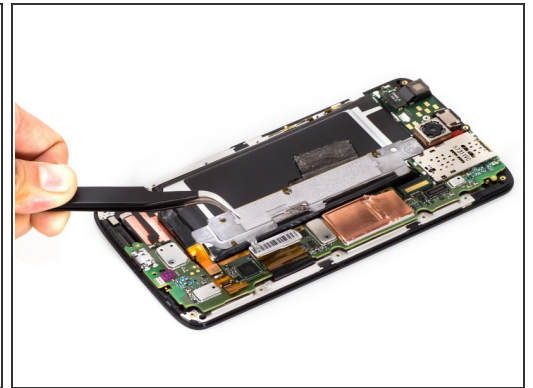
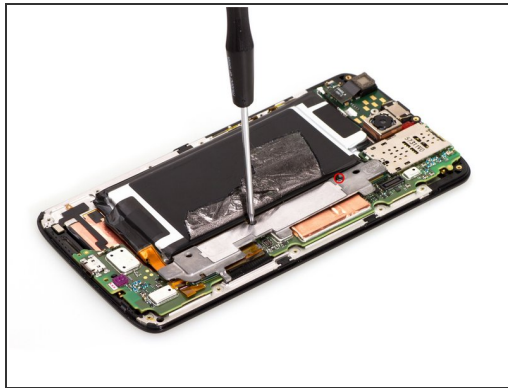
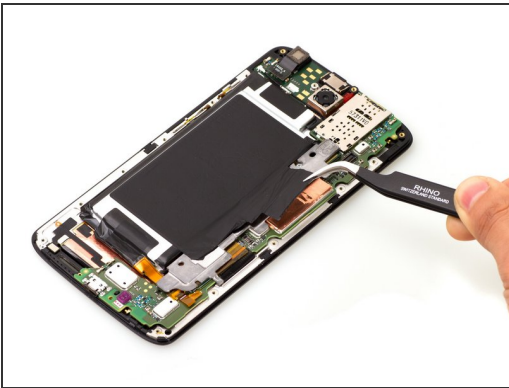
- There are a little bit adhesives around, but you can peel this part easily.

Step 11 — Remove loudspeaker.



- Pry this part up.

Step 12 — Remove metal bracket securing on motherboard.



- Peel off the tape.
- Twist off 2 screws.

i Take care not to apply any lateral force to the motherboard to metal bracket electrical connector when removing the motherboard bracket. If abused, the tiny spring could break off at a later date and causing short circuits within the phone. The connector is to the right of the side button connector and above the copper film screened component.

Step 13 — Release battery connector and side button connector.



- Release these two connectors carefully.

Step 14 — Release touch digitizer connector.



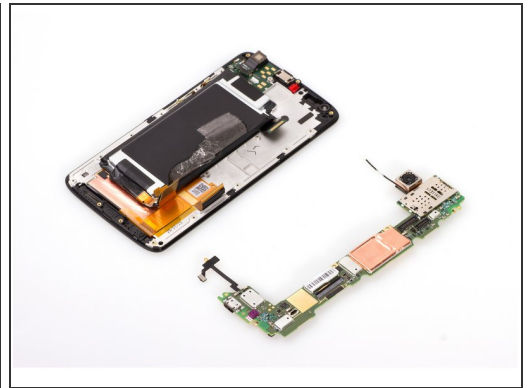
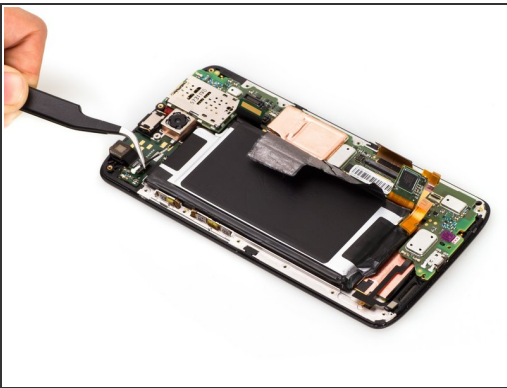
- The LCD assembly has two connectors, here is the touchscreen connector.

Step 15 — Release LCD display connector.



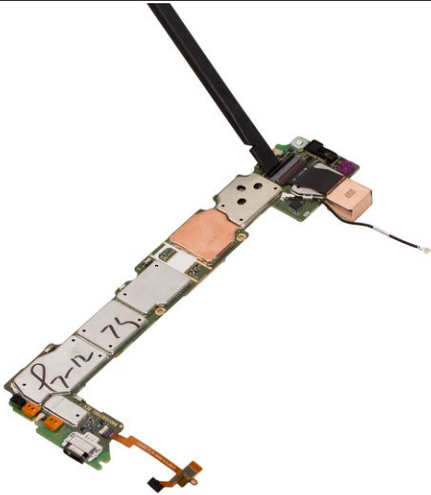
- This one is display connector.

Step 16 — Release motherboard assembly.



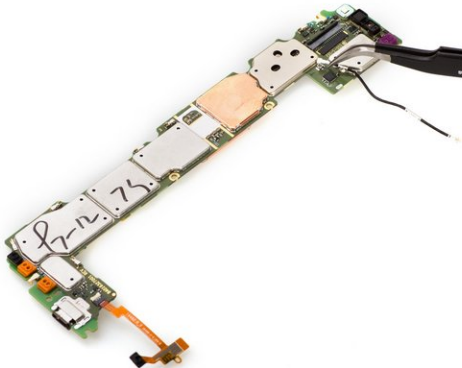
- Release signal cable connector.
- Pry the motherboard assembly up.

Step 17 — Remove rear camera.



- Moto X Force packs a 21-megapixel primary camera on the rear.

Step 18 — Release signal cable connector and remove it.



- Use tweezers to release the connector.

Step 19 — Remove proximity sensor flex.



- With this sensor flex, you can wave your hand on the top of the screen to wake up the screen.

Step 20 — Pry up and remove battery.



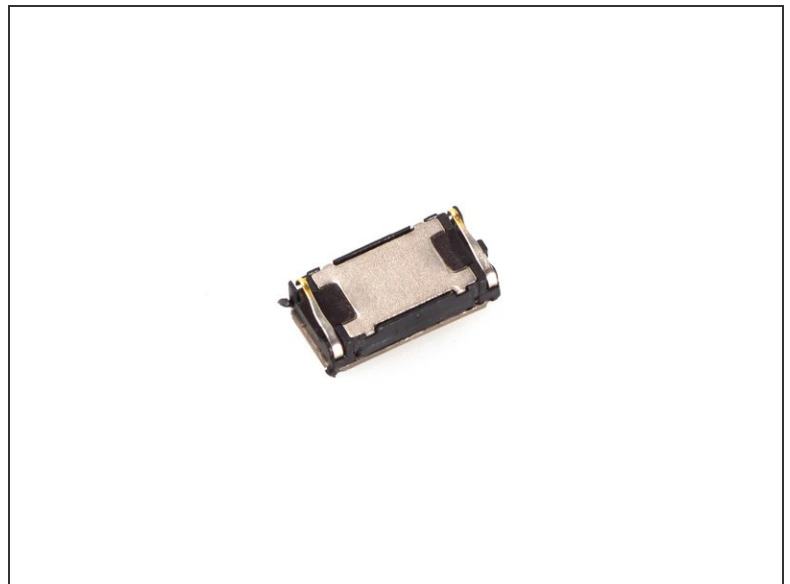
- Non-removable Li-Ion 3760 mAh battery.

Step 21 — Remove front-facing camera.



- A 5-megapixel front shooter for selfies.

Step 22 — Remove earpiece.



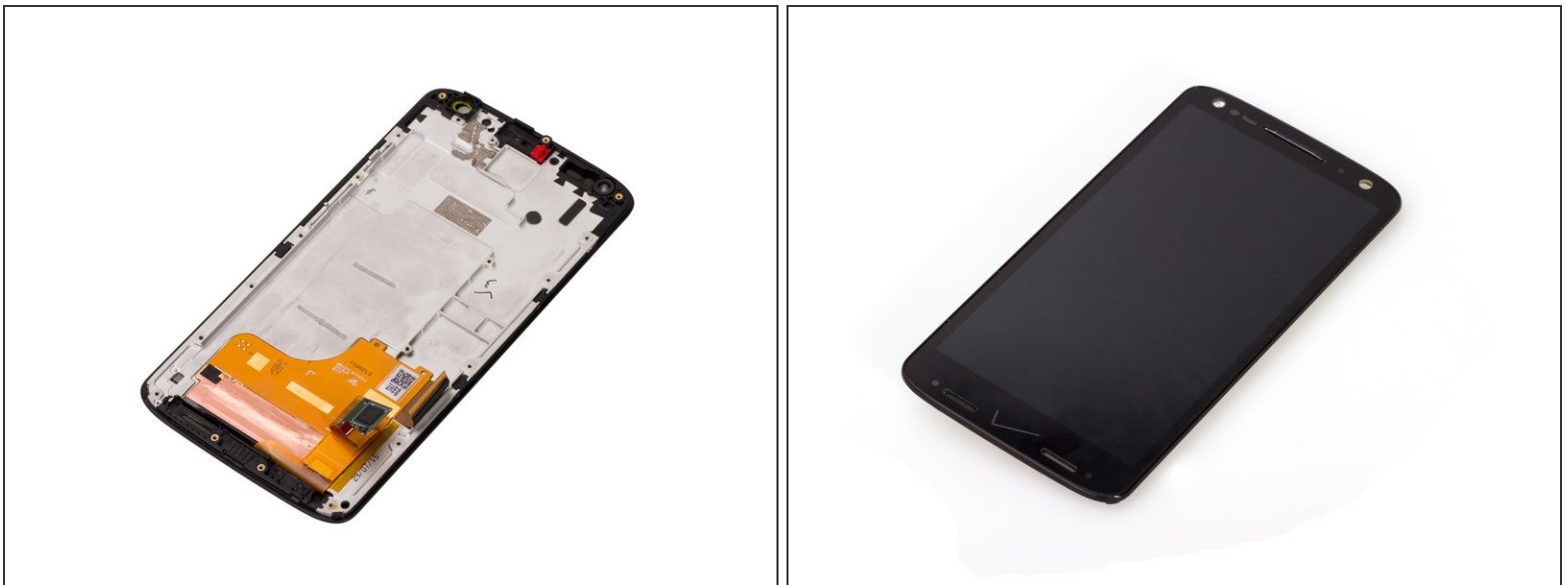
- Be careful to pry this part up, because it tends to fall apart easily.

Step 23 — Remove side button flex.



- Use tweezers to cut adhesives underneath.

Step 24



- Here is LCD screen with LCD supporting frame. They are attached tightly, so we haven't separate them.

Step 25

