



Motorola Moto X Style (Moto X Pure Edition)

Teardown

Illustration here shows how to do Motorola Moto X Style/Moto X Pure Edition complete teardown/disassembly.

Written By: Witrigs



INTRODUCTION

[video: <https://www.youtube.com/watch?v=bCDq7q4fTt4>]

TOOLS:

- iFixit Opening Picks set of 6 (1)
- Tweezers (1)
- Metal Spudger (1)
- T3 Torx Screwdriver (1)

Step 1 — Motorola Moto X Style (Moto X Pure Edition) Teardown



- Remove SIM card tray

Step 2



- Insert eject pin to the small hole to open a gap.
- You can use heat gun/hair dryer to heat up the rear cover and help adhesive melting.
- Use guitar picks to cut the strong adhesive underneath this rear cover.
- Remove back cover.

Step 3



- Use T3 Torx screwdriver to twist off all 21 screws.
- *(i)* You don't need to remove the silver screw holding the volume buttons down for most tasks, such as replacing the screen, battery, or USB port.
- Remove 2 protective rubbers securing the flashlight flex and battery flex connector.

Step 4



- Release the flashlight flex and battery flex connector.

Step 5



- Remove metal bar securing side buttons, careful of the extremely tiny springs that provide pressure from the frame to the buttons, then be free to remove side buttons.
- Remove middle frame bezel.

Step 6



- Pull out 2 battery sticker strips.
- Loosen the NFC flex connector attached to the battery.
- Pry up and remove battery.

Step 7



- There is no adhesive sticking headphone jack, just use tweezers to remove it.
- Then peel off the NFC antenna.

Step 8



- Release flashlight flex connector connecting side button flex.
- Take away flashlight flex.

Step 9



- Pry up and remove power&volume button flex.

Step 10



- Twist off one Torx T3 screw securing motherboard.
- Release the LCD screen connector here.

Step 11



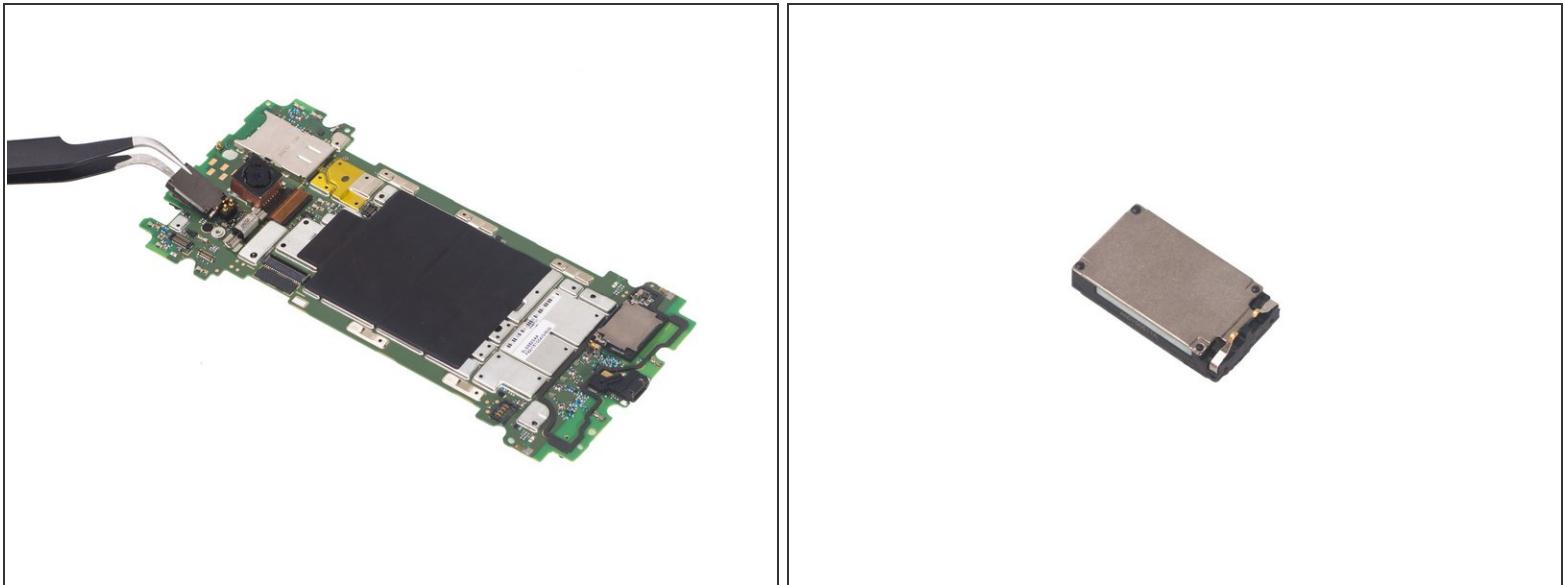
- Release this connector.
- Separate motherboard assembly from LCD screen assembly.

Step 12



- Release front camera flex and remove it.

Step 13



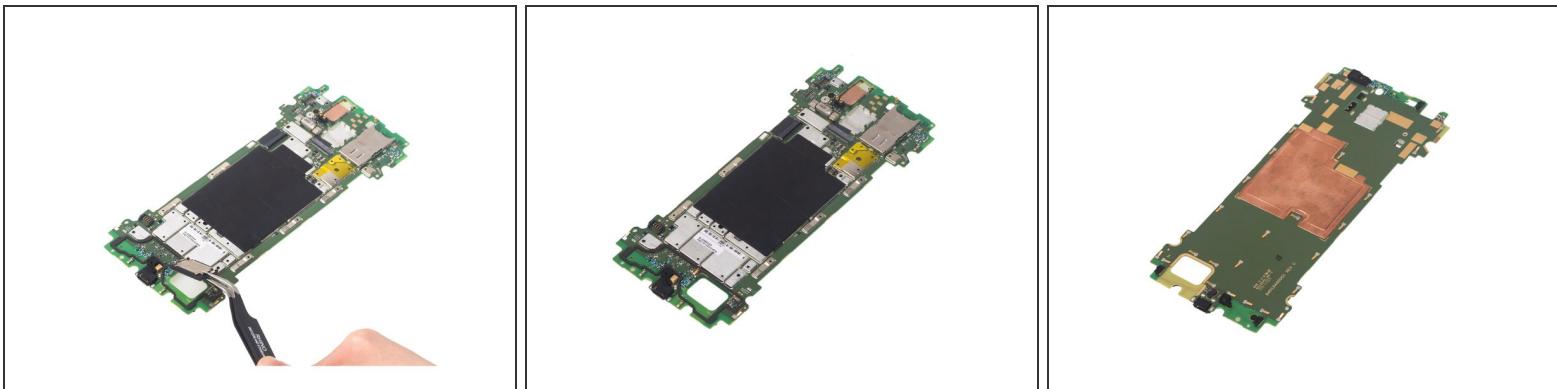
- There is adhesive underneath. Pry up and then remove top speaker.

Step 14



- Peel off protective tape on the rear camera.
- Release rear camera flex and then remove the camera.

Step 15



- Pry up and remove loudspeaker.
- Now it leaves the motherboard assembly with some parts like charging port and vibration motor.

Step 16



- Remove the LCD shield easily.
- Finally it leaves the LCD screen with digitizer and front housing.

(i) It is better to replace Moto X Style LCD screen and digitizer assembly and front housing together, if you have no confidence to remove it without breaking the screen during the repair work.