



# Motorola Moto X4 Opening Procedure

## Prerequisite

A prerequisite-only guide for opening the Moto X4 for further repair.

Written By: Arthur Shi



## INTRODUCTION

This is pre-requisite only guide for opening the Moto X4 to perform other repairs.

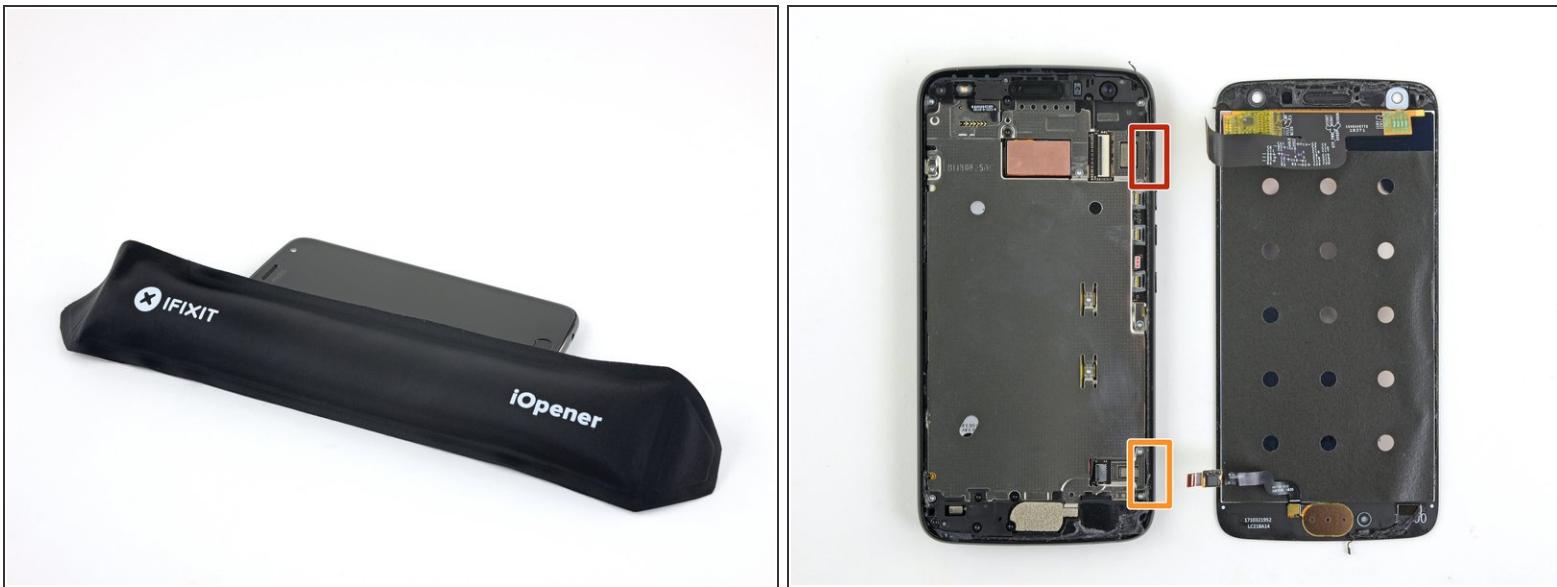
### TOOLS:

- iOpener (1)
- Suction Handle (1)
- iFixit Opening Picks set of 6 (1)
- Tweezers (1)
- Spudger (1)
- iFixit Opening Tools (1)

### PARTS:

- Motorola Moto X4 Screen (1)
- Moto X4 Display Adhesive (1)

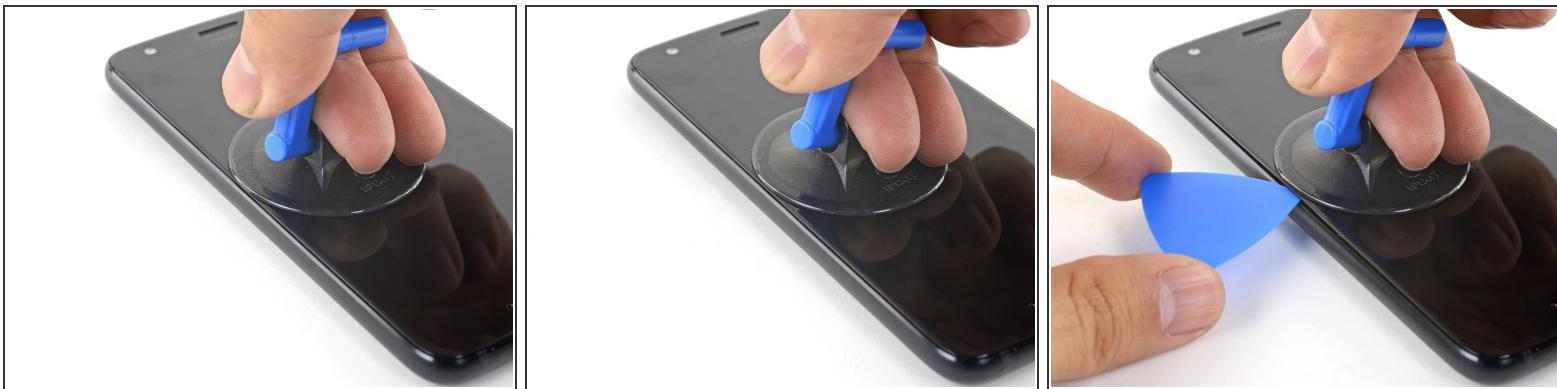
## Step 1 — Heat the screen



*(i)* Before you begin, turn off your phone.

- [Heat an iOpener](#) and apply it to the left edge of the phone for two minutes.
- *(i)* You may need to reheat and reapply the iOpener several times to get the phone warm enough. Follow the iOpener instructions to avoid overheating.
- *(i)* A hair dryer, heat gun, or hot plate may also be used, but be careful not to overheat the phone —the display and internal battery are both susceptible to heat damage.
- As you wait, take note of the the following areas:
  - Display cable—be careful not to slice too deeply near the edge here, or you may damage the display cable.
  - Fingerprint sensor cable—be careful not to slice too deeply near the edge here, or you may damage the fingerprint sensor cable.

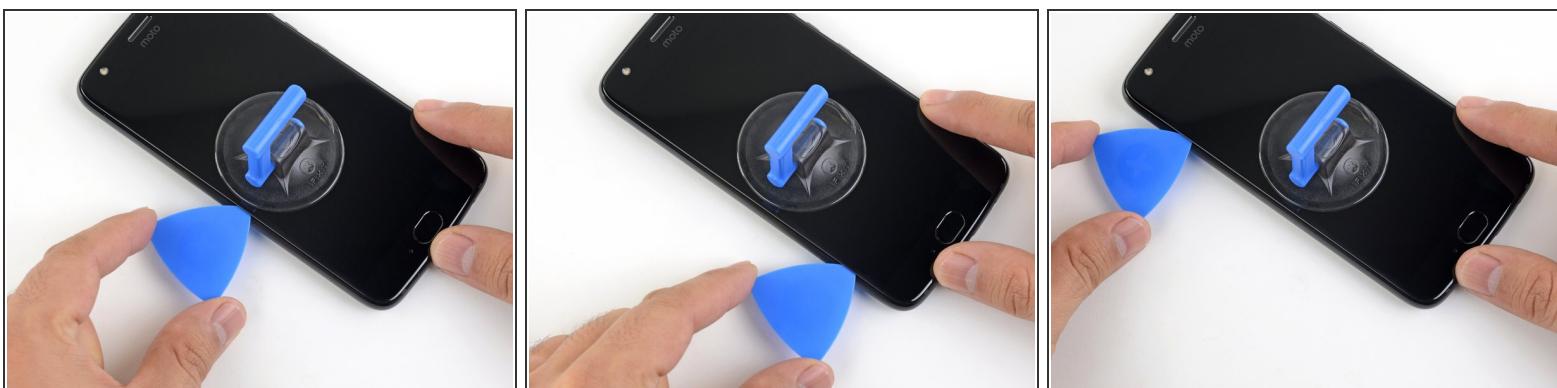
## Step 2 — Create a gap



- Apply a suction cup to the screen, as close to the heated edge as possible.
- Pull on the suction cup with strong, steady force to create a gap in the seam.
- Insert the point of an opening pick into the gap.

*(i)* Depending on the age of your phone, this may be difficult. If you are having trouble, apply heat to the edge and try again.

## Step 3 — Slice the screen adhesive



- Slide the opening pick along the edge to slice through the adhesive.
- Leave an opening pick in the seam to prevent the adhesive from re-sealing.

## Step 4



- Heat the top edge of the phone with an iOpener.
- Carefully slice around the corner and through the top edge to separate the adhesive.

## Step 5



- Heat the screen's right edge with an iOpener.
- Be careful not to slice too deeply near the cables to avoid damaging them.
- Use an opening pick to slice along the right edge to separate the adhesive.

## Step 6



- Repeat the previous steps to heat and slice the bottom edge of the phone.

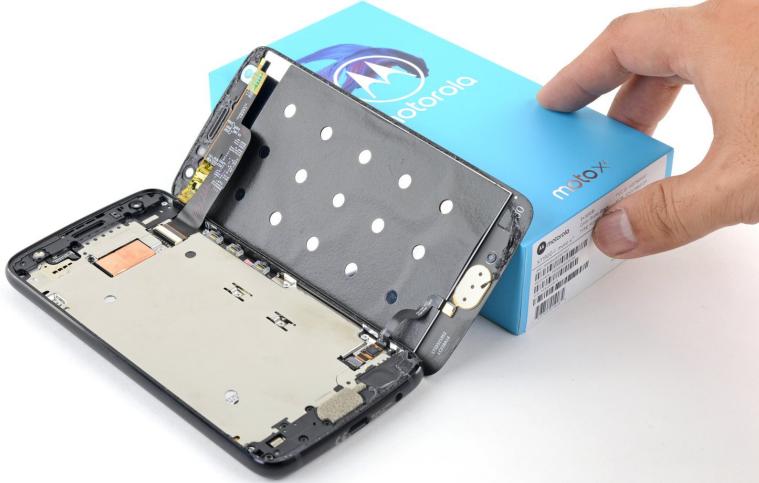
## Step 7



! Do not try to remove the screen yet—it is still attached to the phone by delicate flex cables.

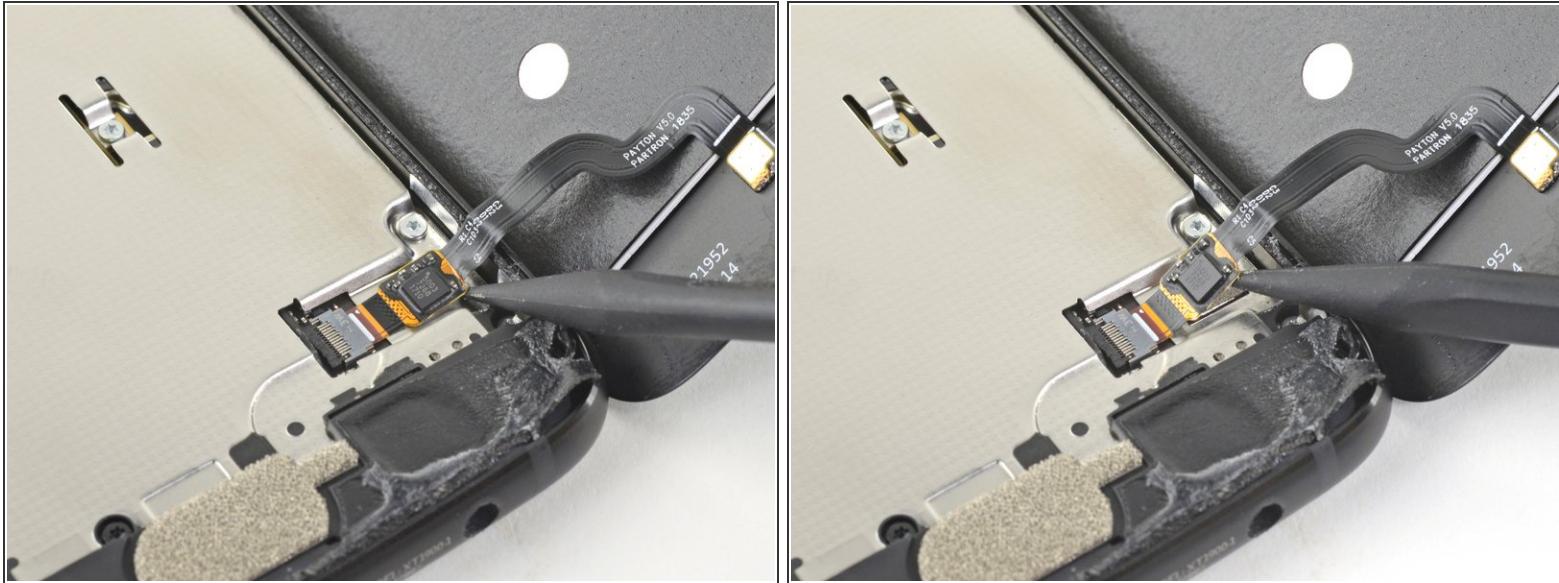
- Carefully lift up the left edge of the screen and cut away remaining adhesives with an opening pick.

## Step 8



- Swing open the screen and prop it up with a small box as you work on disconnecting the flex cables.
- ⚠ During reassembly, this is a good time to power on your phone and test all functions before sealing it up. Be sure to power your phone back down completely before you continue working.

## Step 9 — Detach the fingerprint sensor cable



- Slide the point of a spudger underneath the fingerprint sensor cable and gently pry up to loosen the cable from the phone.

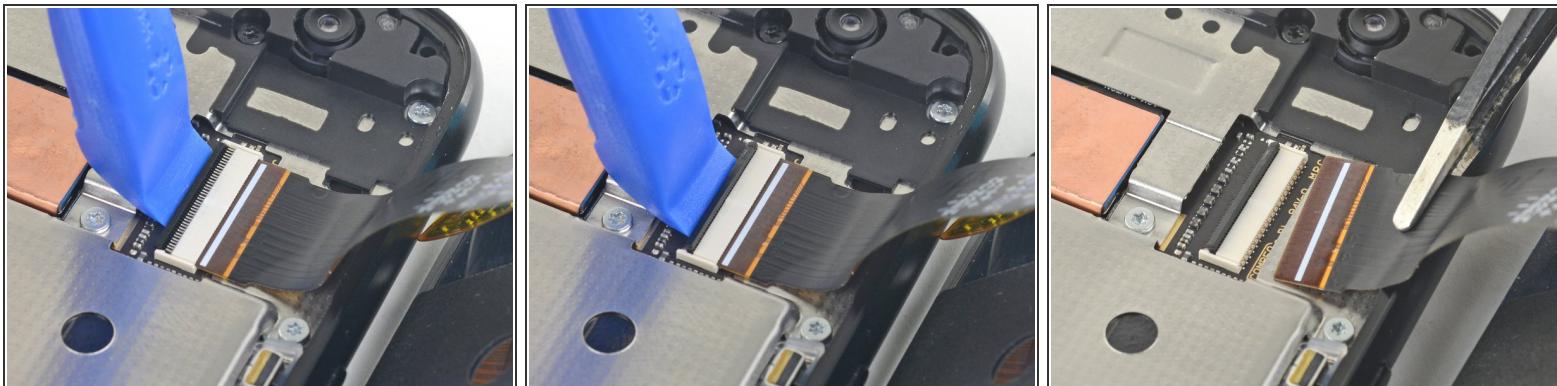
⚠ Do not pull on the cable. It is still attached to the phone by a delicate ZIF socket.

## Step 10 — Disconnect the fingerprint sensor



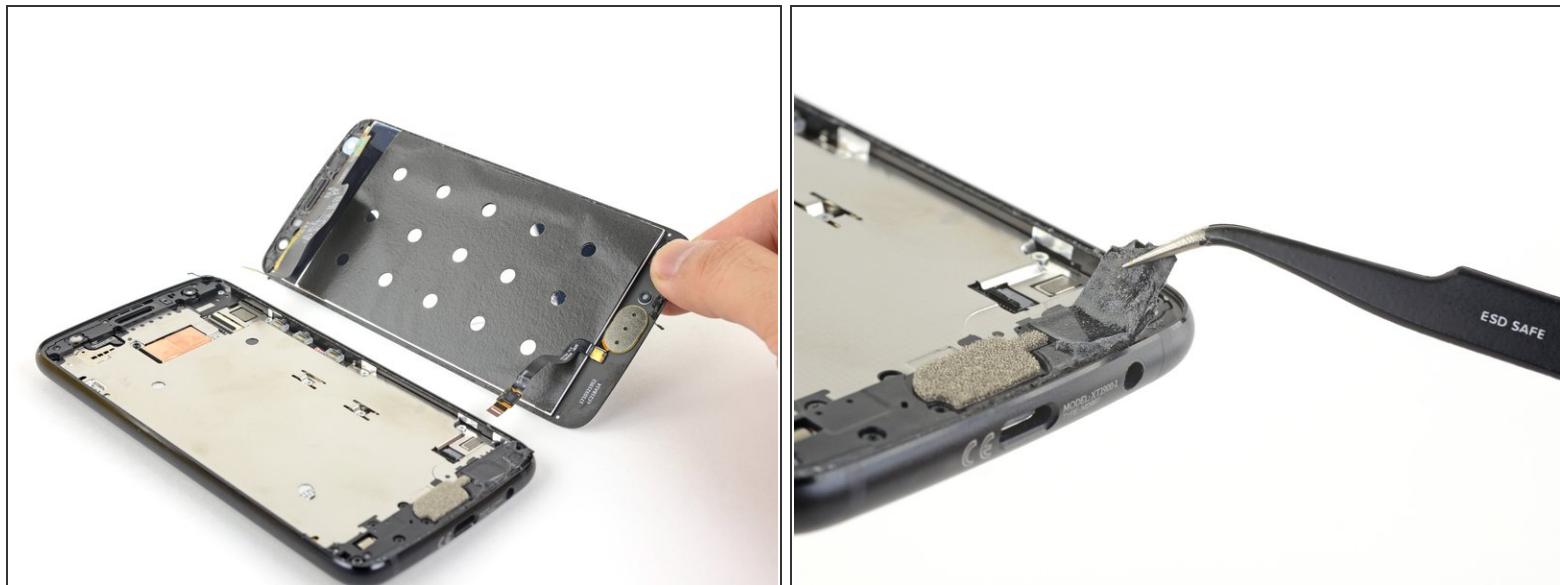
- Use the point of a spudger to flip up the lock bar on the fingerprint sensor's ZIF socket, near the bottom right of the phone.
- Use tweezers to carefully slide the fingerprint sensor cable out of the socket.

## Step 11 — Disconnect the display cable



- Use an opening tool to flip up the wide lock bar on the display cable's ZIF socket, near the top right of the phone.
- Use tweezers to carefully slide the display cable out of the ZIF socket.

## Step 12 — Remove the screen



- Remove the screen.
- ★ During reassembly, [follow this guide](#) to install custom-cut adhesives for your phone.

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