



Motorola Moto X4 Opening Procedure

Prerequisite

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

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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)

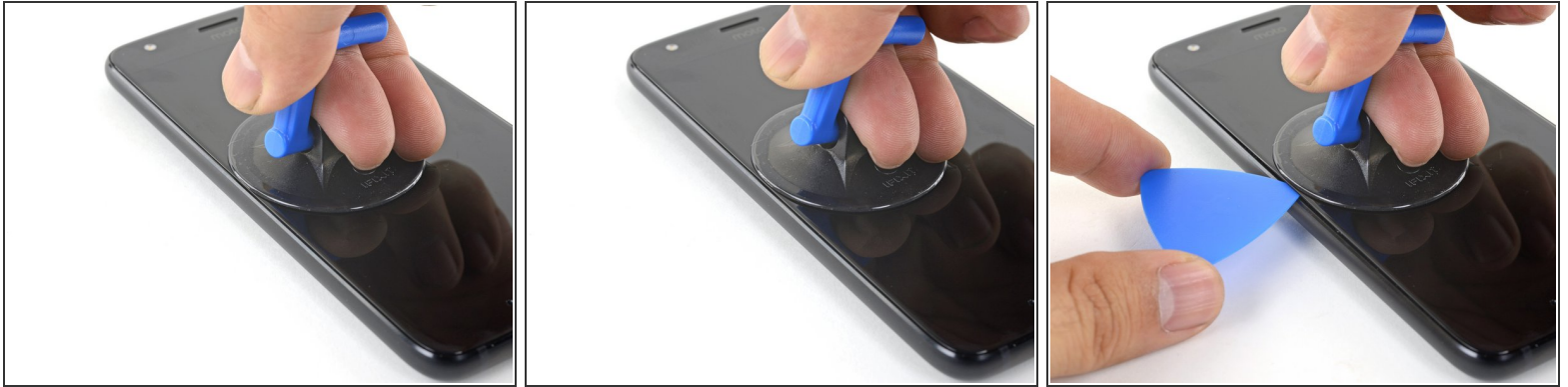
Step 1 — Heat the screen



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



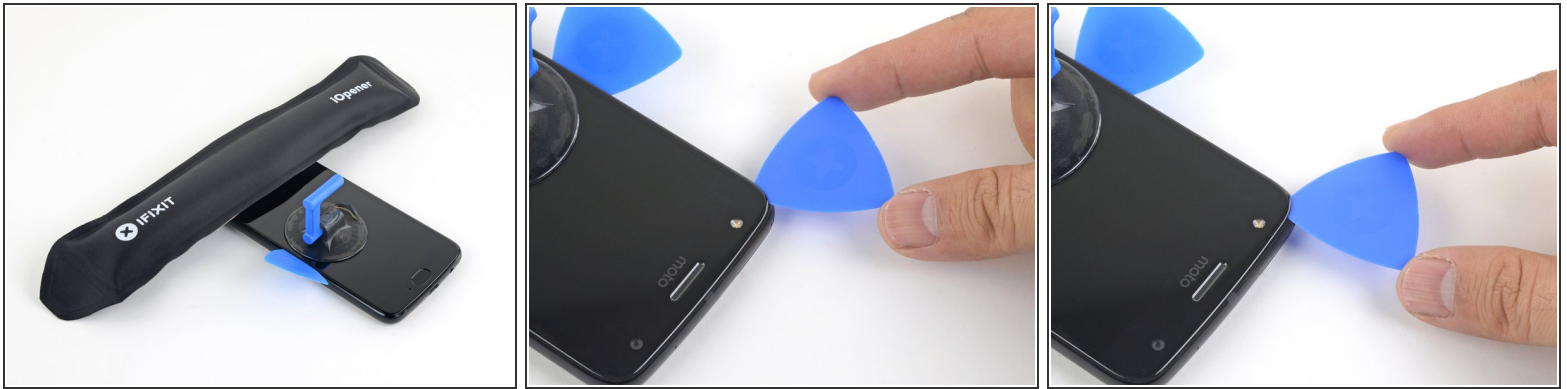
- Apply a suction cup to the screen, as close to the heated edge as possible.
 - Pull on the suction cup with strong, steady force to create a gap in the seam.
 - Insert the point of an opening pick into the gap.
- i** Depending on the age of your phone, this may be difficult. If you are having trouble, 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



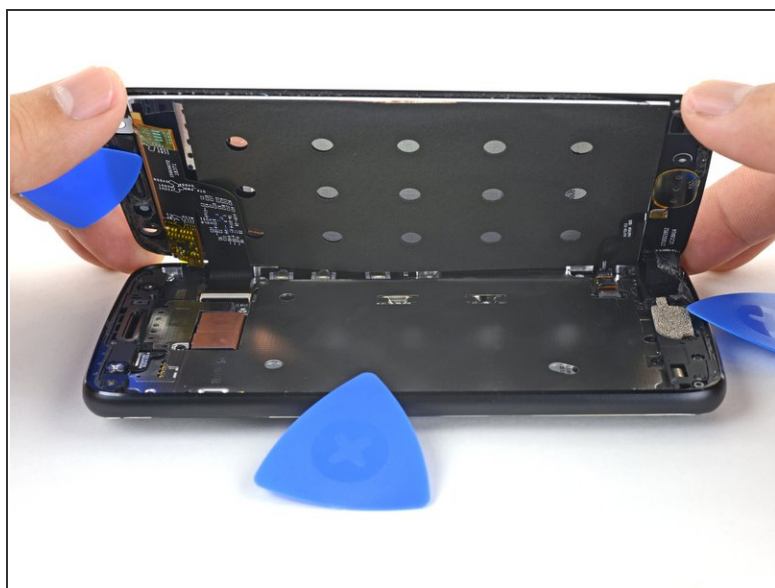
- Heat the screen's right edge with an iOpener.
- Be careful not to slice too deeply near the cables to avoid damaging them.
- Use an opening pick to slice along the right edge to separate the adhesive.

Step 6



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

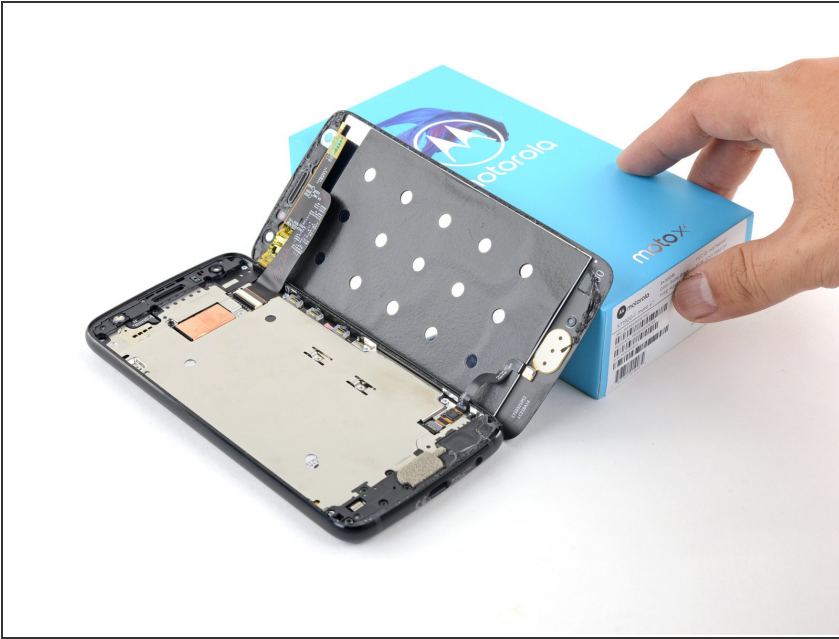
Step 7



⚠ 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.

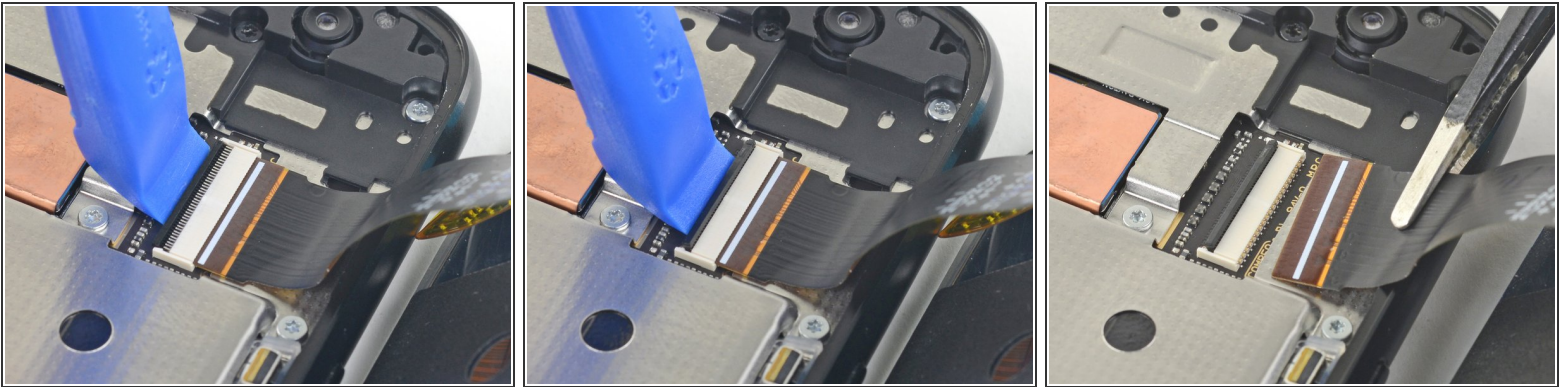
⚠ Do not pull on the cable. It is still attached to the phone by a delicate ZIF socket.

Step 10 — Disconnect the fingerprint sensor



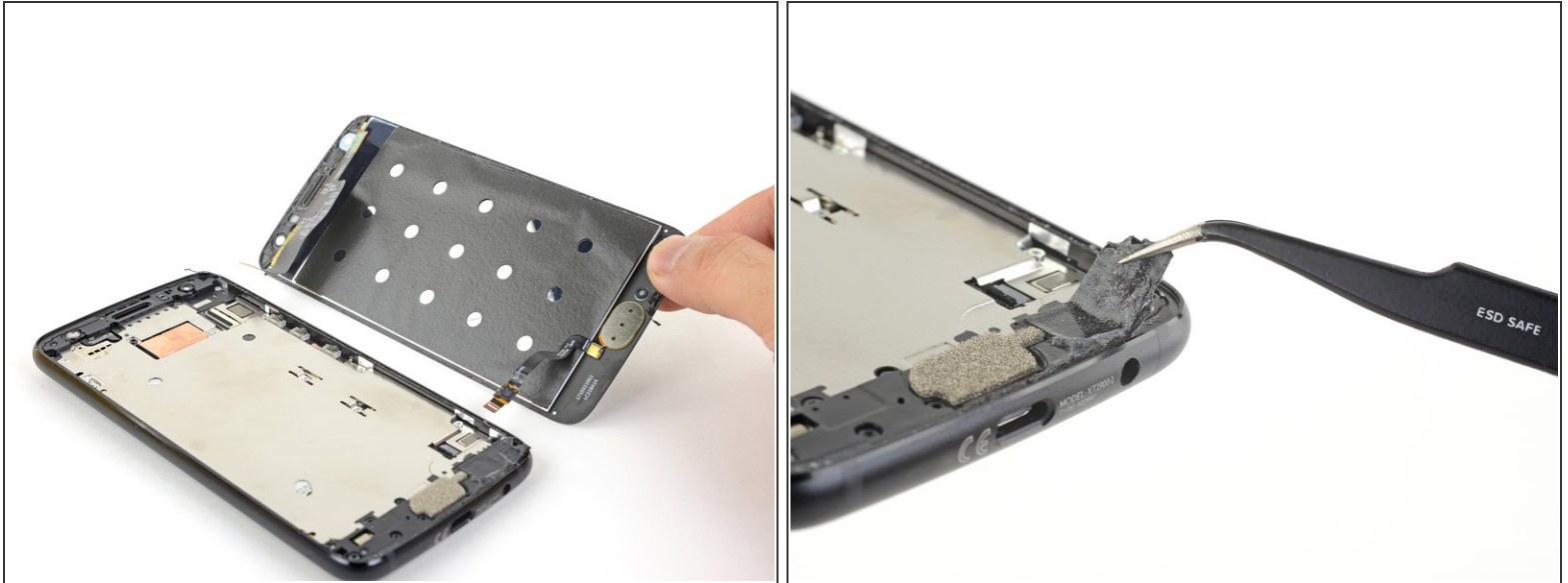
- Use the point of a spudger to flip up the lock bar on the fingerprint sensor's ZIF socket, near the bottom right of the phone.
- Use tweezers to carefully slide the fingerprint sensor cable out of the socket.

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 clean the existing adhesive off and install custom-cut adhesives for your phone.

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