



Kindle Fire HD 8.9" Display Assembly Replacement

Replace the display assembly in your Kindle Fire HD 8.9".

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INTRODUCTION

If your Kindle Fire 8.9" has cracked front glass or a damaged screen, use this guide to replace the entire display assembly, including the LCD display, touch digitizer, front panel, and frame.

TOOLS:

- [iFixit Opening Tools](#) (1)

Larger-sized plastic opening tools are more convenient in this disassembly

PARTS:

- [Kindle Fire HD 8.9" \(Wi-Fi\) Screen](#) (1)
- [Kindle Fire HD 8.9" Wi-Fi LCD Cable](#) (1)

Step 1 — Screen



- Remove the SIM card tray (if present in your model).
- Insert a large plastic opening tool next to the Kindle's headphone jack.
 - ⓘ Make sure the notch on the plastic opening tool is facing the back of the Kindle.
- Move the plastic opening tool evenly around the Kindle, separating the two halves.

⚠ Be careful not to completely separate the rear cover. There are two delicate flex cables that connect the display assembly to the motherboard.

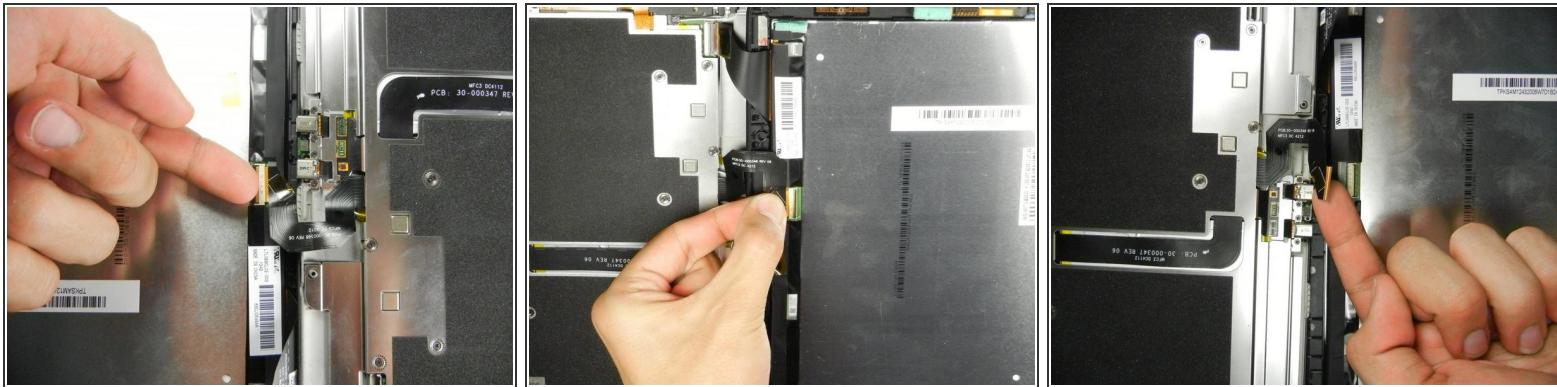
Step 2



- Set the Kindle down on the rear case.
- Holding the display assembly near the camera, carefully open the display assembly up to about 90 degrees from the rear case.

⚠ These images show the Kindle laying flat. In order to prevent damage to the flex cables, keep the Kindle open at 90 degrees while disconnecting the display assembly.

Step 3

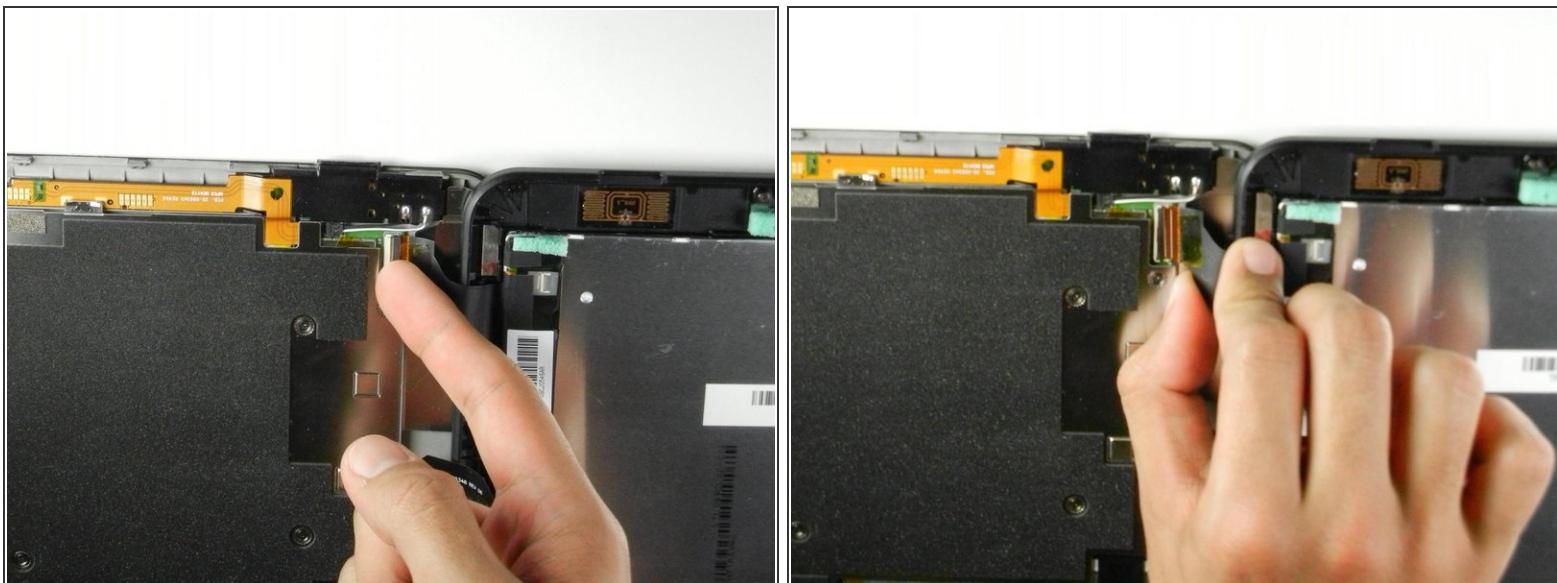


- Lift the retaining flap on the ZIF connector of the upper flex cable.

- Gently pull the cable out of its socket.

⚠ This flex cable is delicate. Be careful not to crease or bend it while working.

Step 4



- Lift the retaining flap on the ZIF connector of the lower flex cable.

- Gently pull the flex cable from its socket.

⚠ This flex cable is delicate. Be careful not to crease or bend it while working.

Step 5



- Separate the display assembly from the rest of the device.
- ☒ When reassembling the device, align the two halves of the case before connecting the flex cables.

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