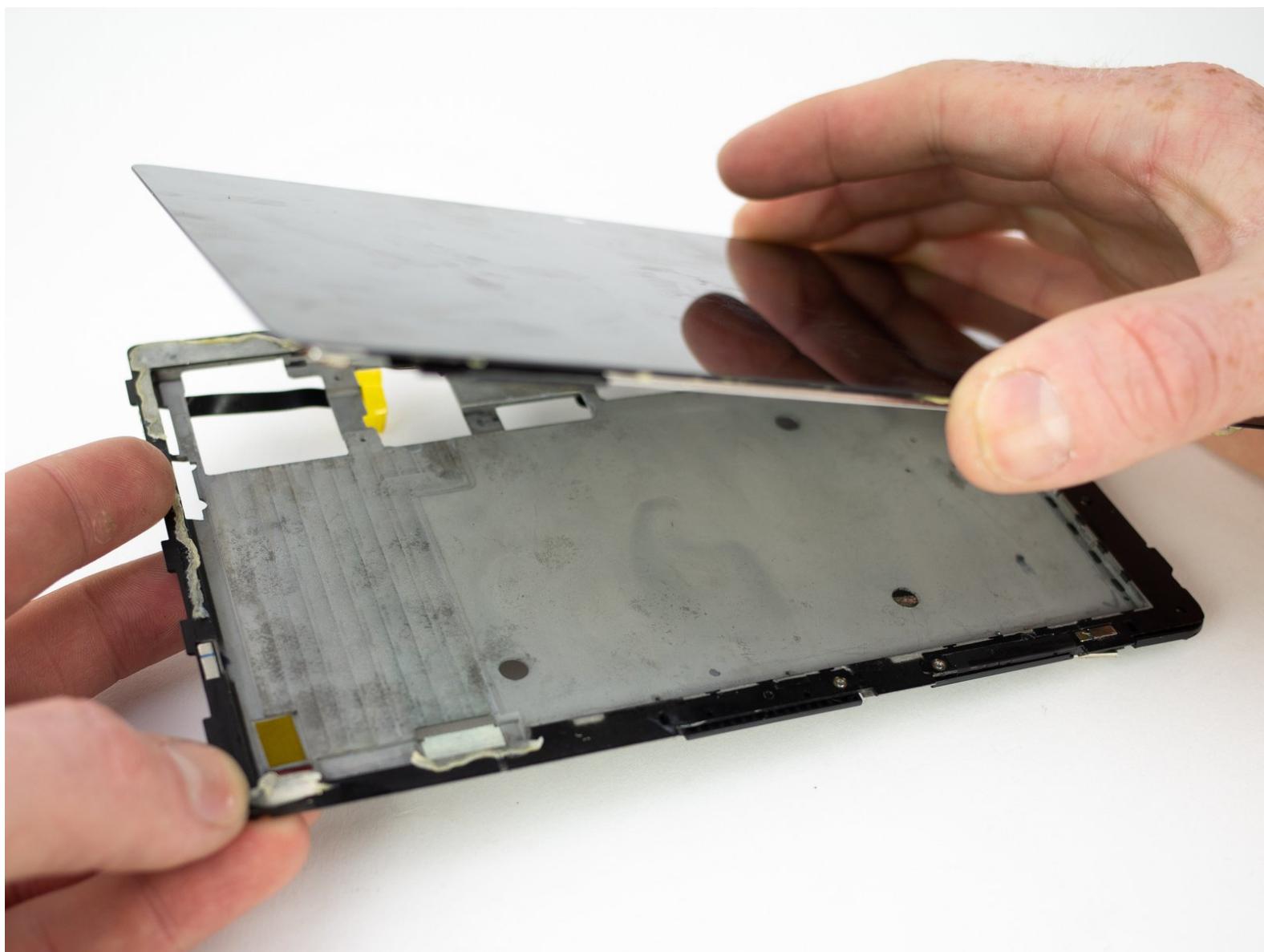




Kindle Fire HDX 7" Display Assembly Replacement

A free guide on how to replace the display assembly on a Kindle Fire HDX 7" tablet.

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INTRODUCTION

Replacement guide for the display assembly on a Kindle Fire HDX 7" tablet.

The display assembly is glued to the mid-frame and will require some heat to make removal possible.

TOOLS:

- iFixit Opening Picks set of 6 (1)
- Spudger (1)
- ESD Safe Tweezers Blunt Nose (1)
- T3 Torx Screwdriver (1)
- T5 Torx Screwdriver (1)
- iFixit Adhesive Remover (for Battery, Screen, and Glass Adhesive) (1)
- iOpener (1)

PARTS:

- Kindle Fire HDX 7" Screen (1)

Step 1 — Speaker Bezel



- Insert an opening pick underneath the speaker bezel, and slide it along the perimeter to separate it from the tablet.
- *i* The adhesive is strong and may require an [iOpener](#), or heat gun, to soften.

Step 2



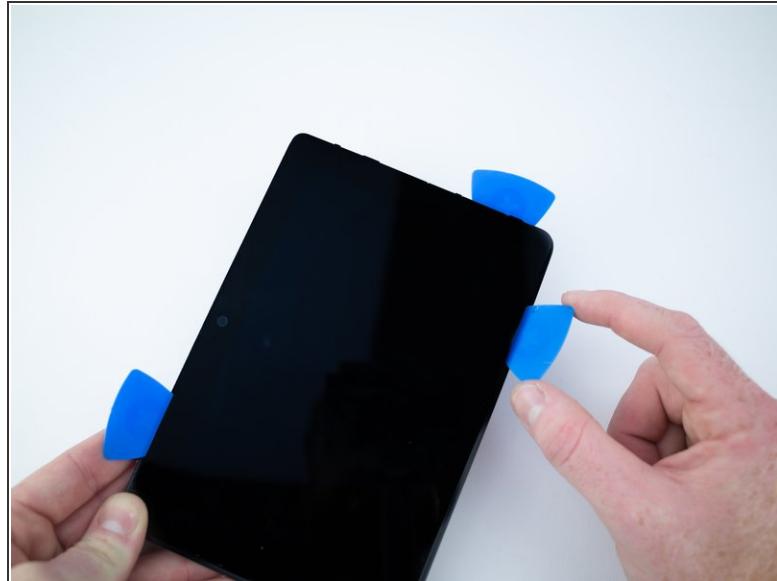
- Remove the speaker bezel.

Step 3 — Rear Panel



- Remove the six pink 3mm T3 Torx screws from the back case.

Step 4



- Wedge opening picks around the perimeter between the display and back case.
- Work the opening picks around the perimeter until the two halves disengage from each other.

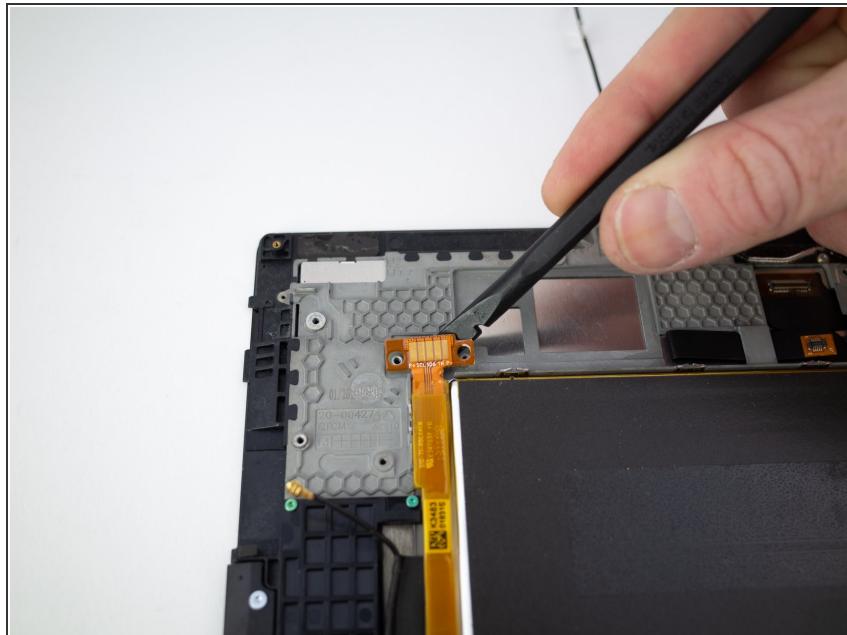
⚠ Don't completely separate as the display ribbon cable still connects the two.

Step 5



- Use the flat end of a spudger to pry up and disconnect the rear panel press-fit connector from the motherboard.

Step 6 — Battery



- Pry up the battery connector with the flat end of a spudger.

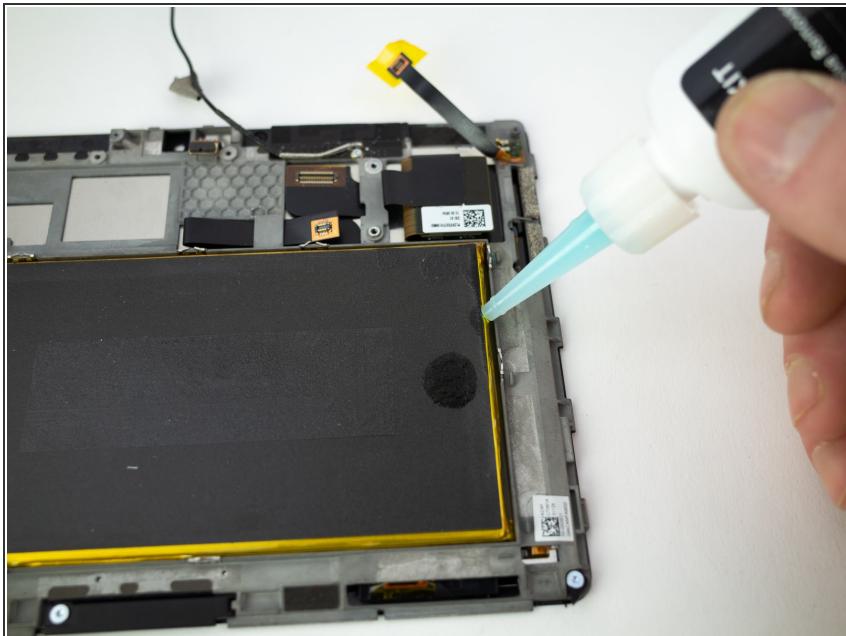
Step 7



⚠ iFixit adhesive remover contains acetone, a mild skin and eye irritant.

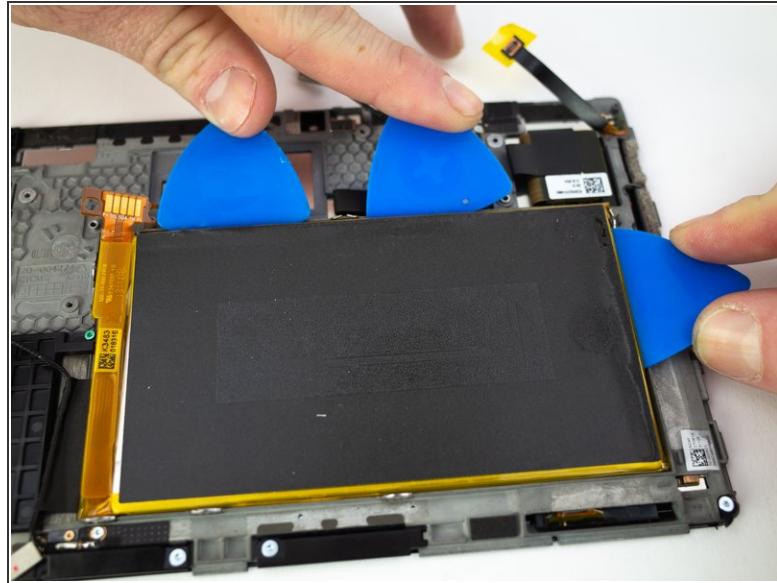
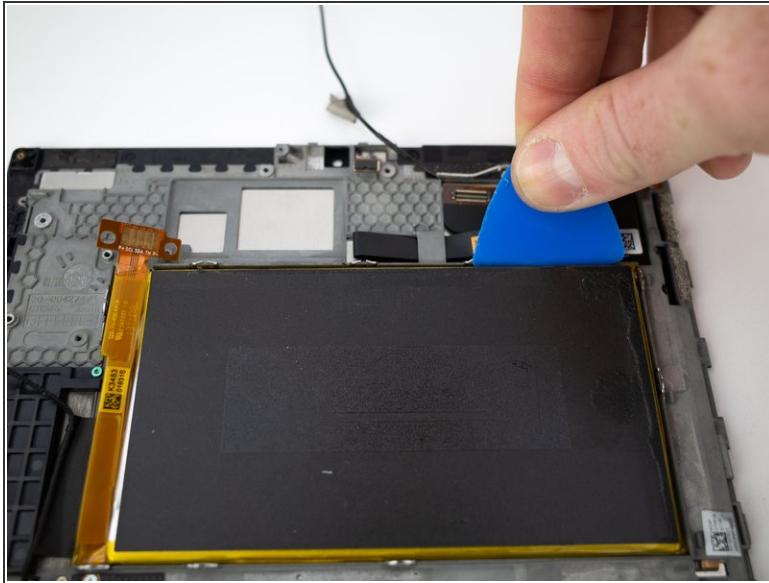
- Wear eye protection when handling and applying the adhesive remover. (Eye protection is included in your kit.)
- **Do not** wear contact lenses without eye protection.
- Protective gloves are also included in your kit. If you are concerned about possible skin irritation, put your gloves on now.

Step 8



- Apply a small amount of adhesive remover (approximately 1 ml) evenly along the elevated edge of the battery cell.
- Wait 2-3 minutes for the liquid adhesive remover to penetrate underneath the battery cell before you proceed to the next step.

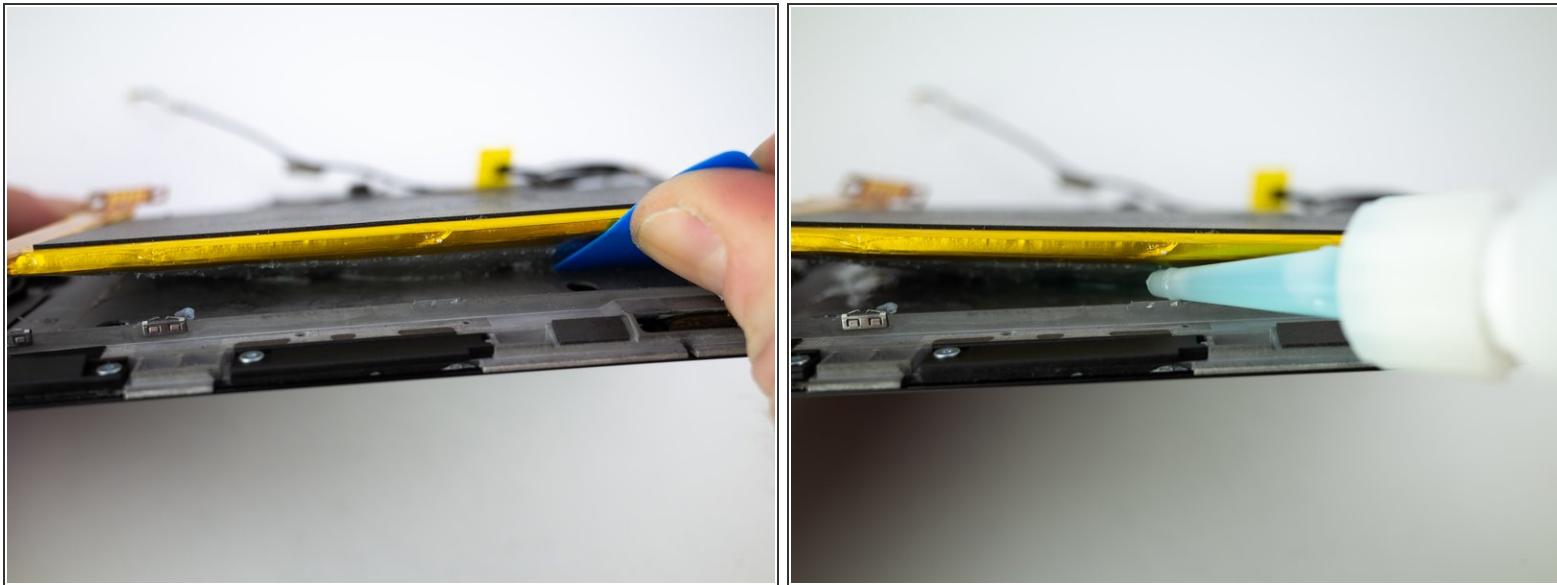
Step 9



- Slide a few opening picks between the battery and the raised metal edge.
- Pry upwards to lift the battery up.

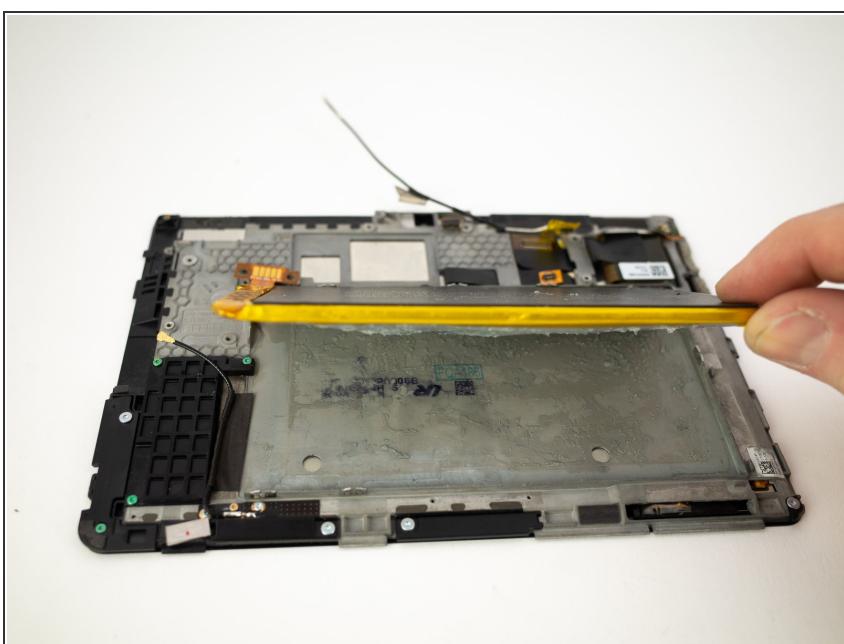
(i) Step 14 may need to be repeated a few times to weaken the glue.

Step 10



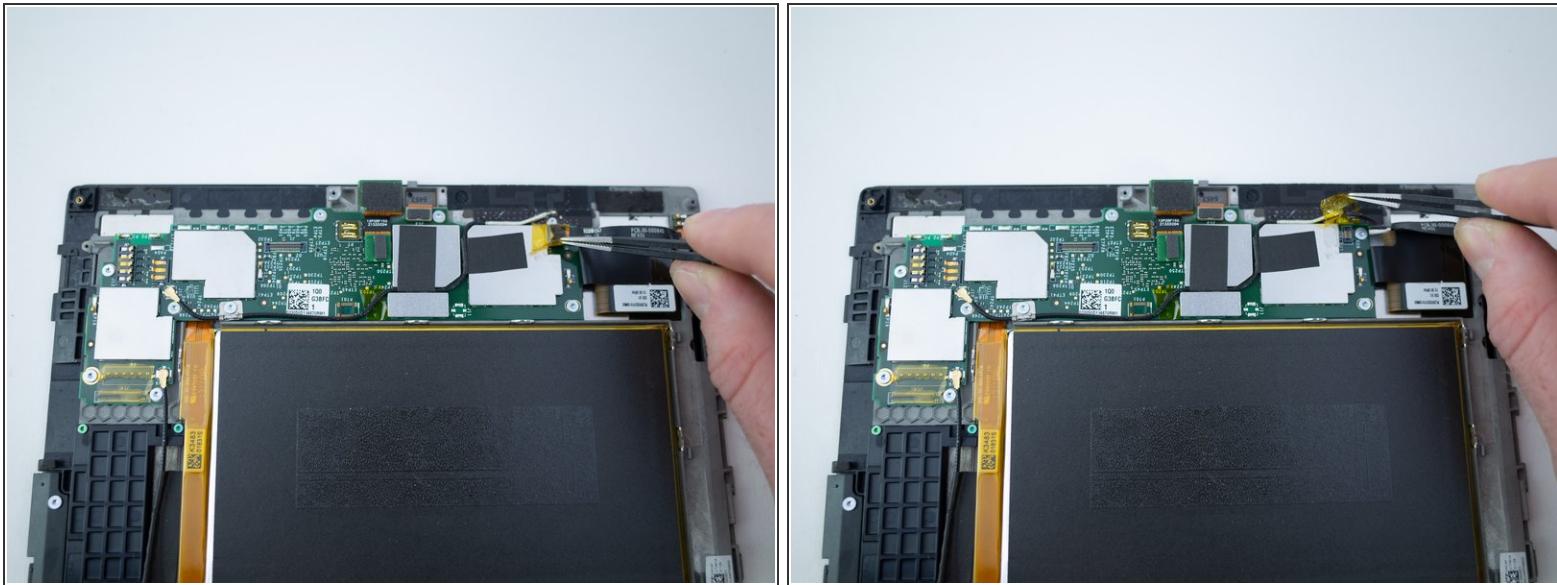
- Apply a small amount of adhesive remover (approximately 1 ml) underneath the battery and wait 2-3 minutes for it to penetrate.
- *(i)* You may need to repeat this a few times.
- Continue prying up the battery.

Step 11



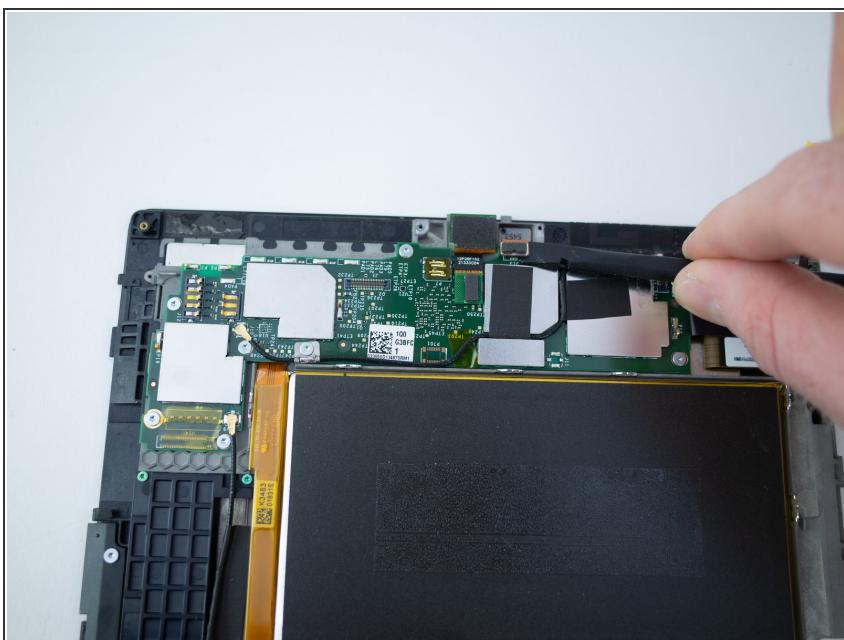
- Remove the battery from the mid-frame.

Step 12 — Motherboard



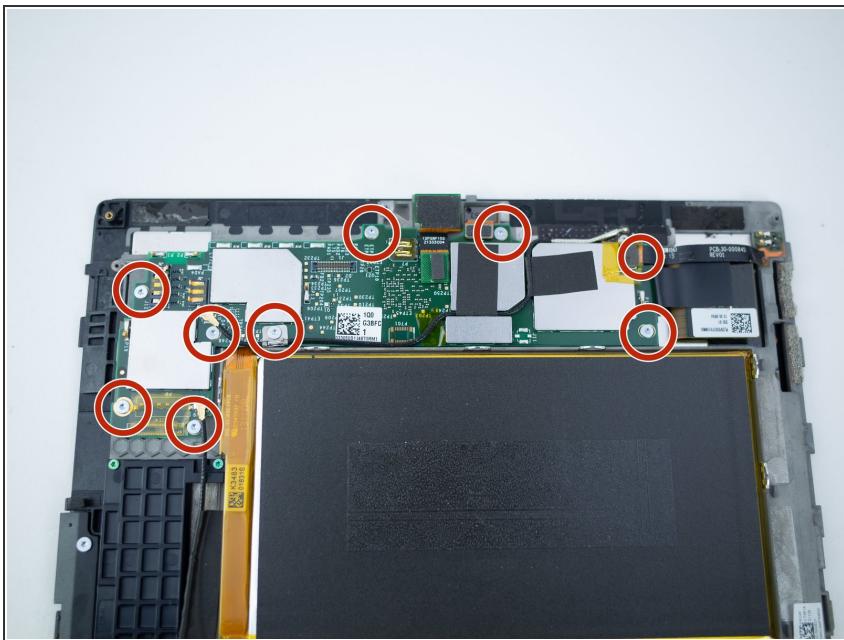
- Grab the yellow tape with a pair of tweezers and pull upwards to disconnect the press-fit connector.

Step 13



- Use the flat end of a spudger to disconnect the front camera press-fit connector from the motherboard.

Step 14



- Remove the nine 3mm T6 Torx screws from the motherboard.

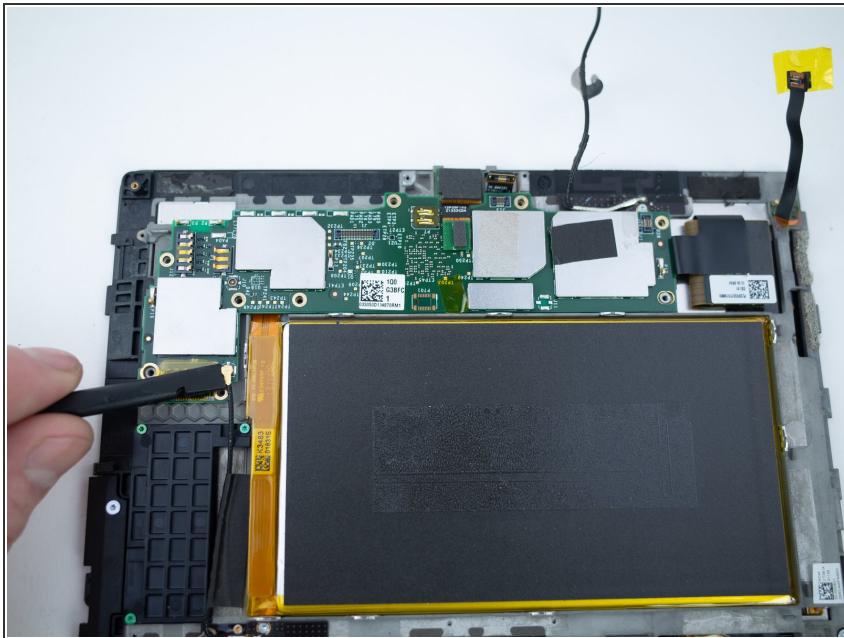
Step 15



- Use a spudger to pry up and disconnect the antenna cable from the motherboard.
- Pull the antenna cable up and off of the motherboard.

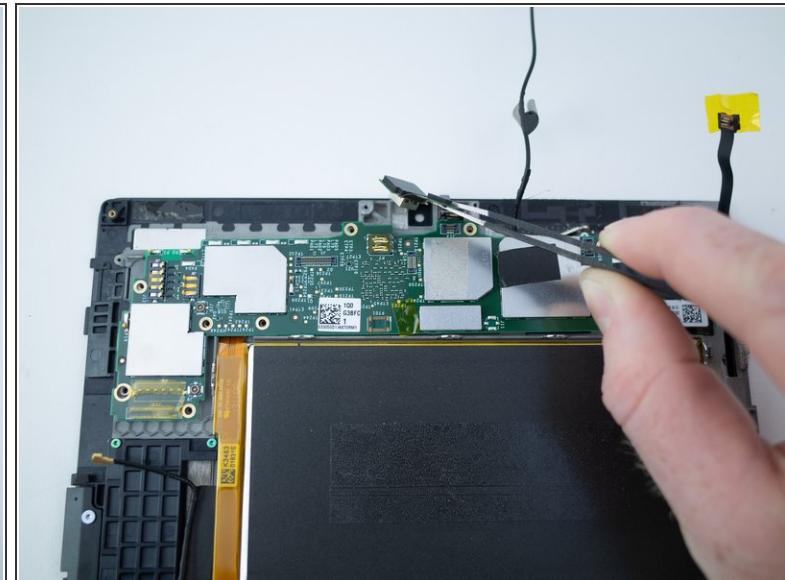
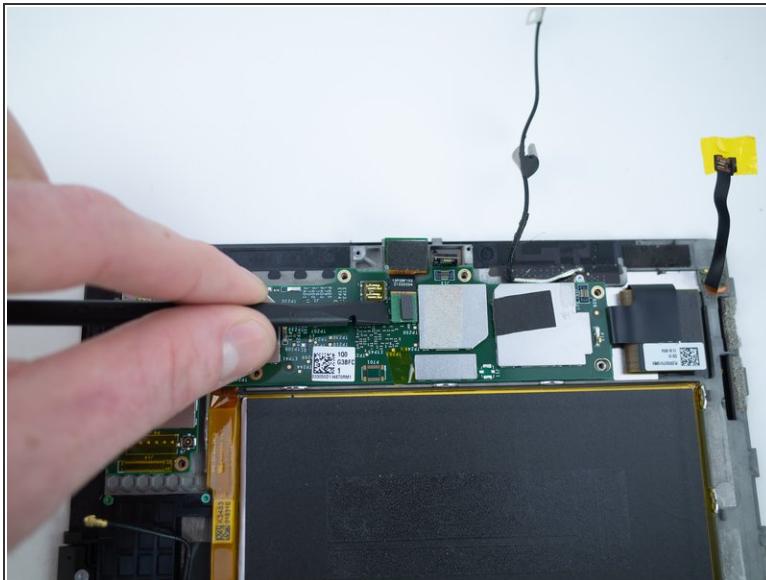
⚠ Don't remove completely as it's soldered to the frame.

Step 16



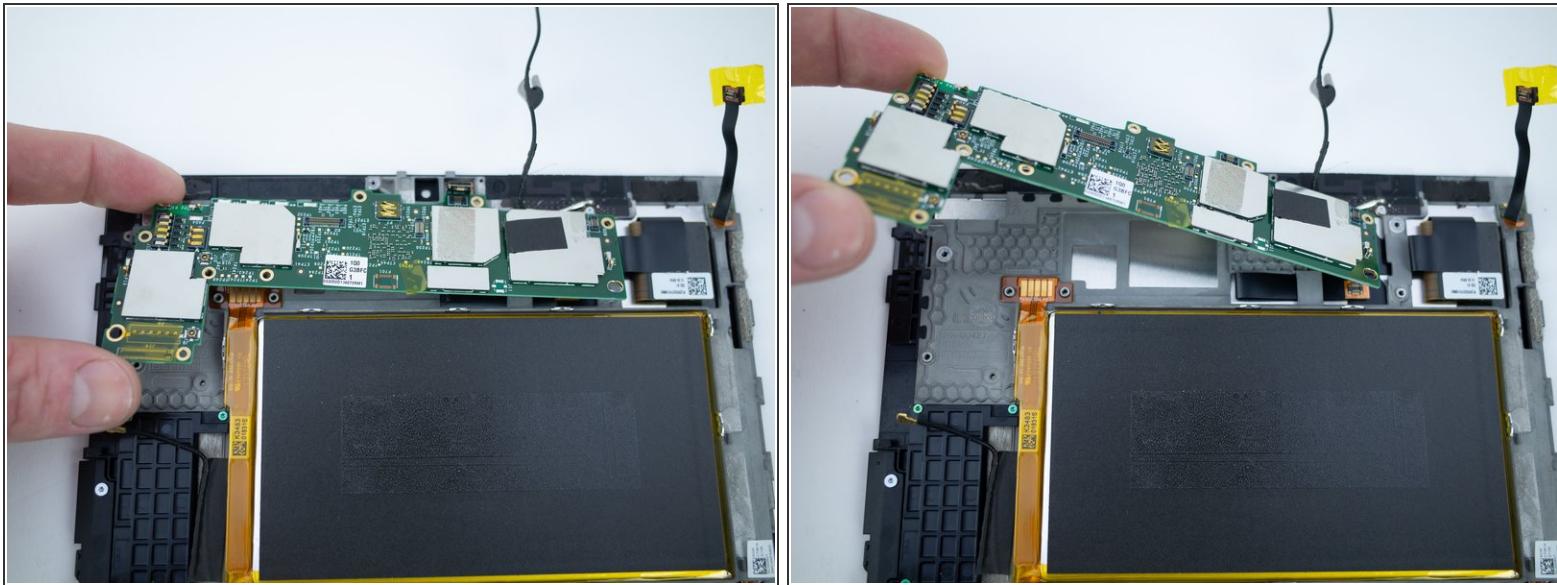
- Use a spudger to disconnect the second antenna cable from the motherboard.

Step 17



- Use the flat end of a spudger to pry up and disconnect the front camera press-fit connector from the motherboard.
- Remove the front camera.

Step 18



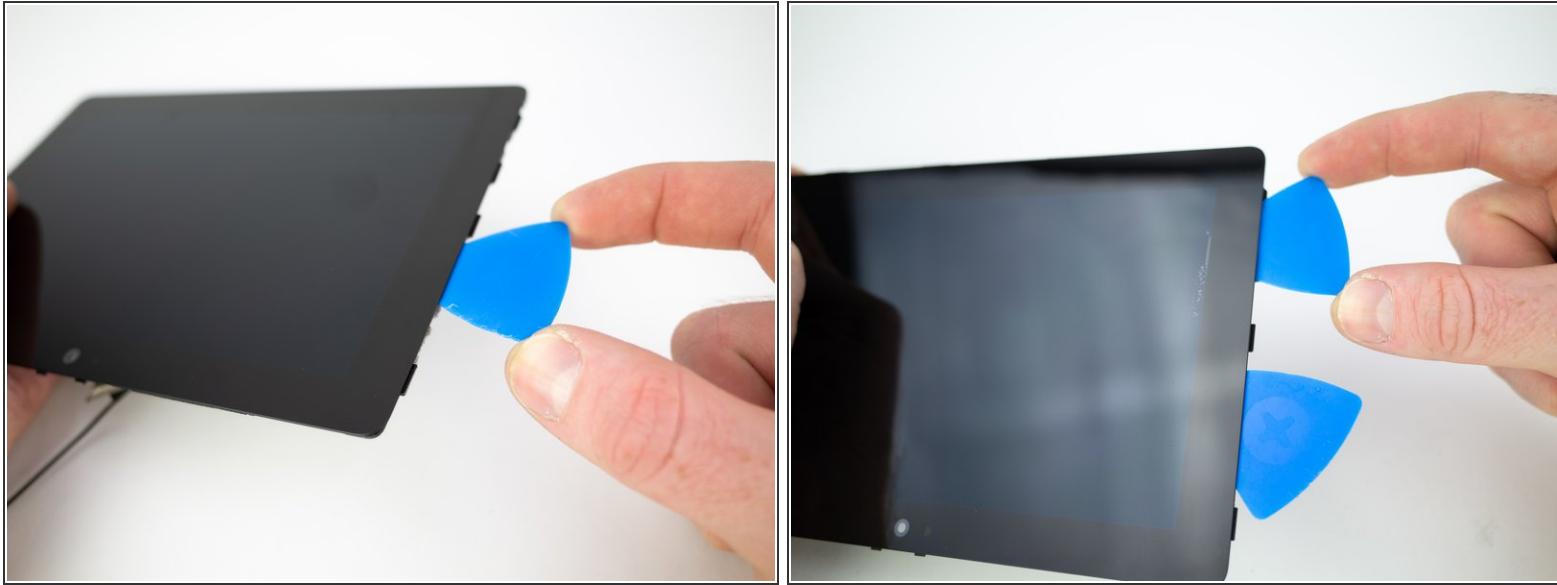
- Remove the motherboard from the tablet.

Step 19 — Display Assembly



- Heating the edges of the tablet will help soften the adhesive securing the display, making it easier to open.
- Use a hairdryer or [prepare an iOpener](#) and apply it to the edge of the tablet for about 90 seconds in order to soften up the adhesive underneath.

Step 20



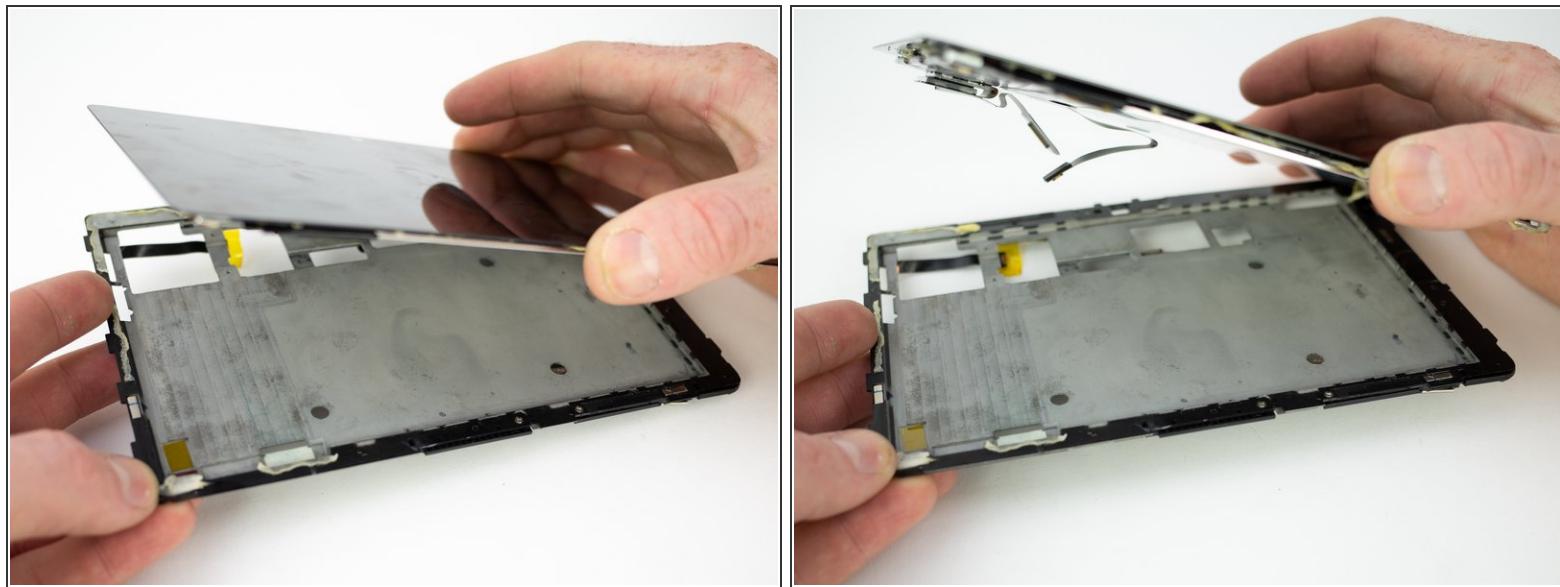
- Insert an opening pick between the glass display and the metal mid-frame.
- Insert a second opening pick above the first.

Step 21



- Roll the second opening pick all the way around the perimeter of the display.

Step 22



- Lift up on the glass display to remove it from the metal mid-frame.

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