



Amazon Fire HDX 8.9" 4th Gen. Display Daughter Board Replacement

This guide will provide step by step information on how to replace a broken or malfunctioning display daughterboard.

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INTRODUCTION

Make sure that you have the required tools ready for use, and lets dive in.

TOOLS:

- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)
- [T5 Torx Screwdriver](#) (1)

Step 1 — Screen



- Ensure that the device is turned off.
- Holding the device firmly, wedge a plastic opening tool between the speaker cover and the device. Then pry up to separate it from the device.
- Then begin to firmly pry up the plastic cover with the plastic opening tool.

i The backing is connected with adhesive so force may be necessary.

! Be careful to not damage the plastic in any way.

- Once you can fit your finger under the plastic cover, begin to slide your finger down the cover while simultaneously prying up.

Step 2



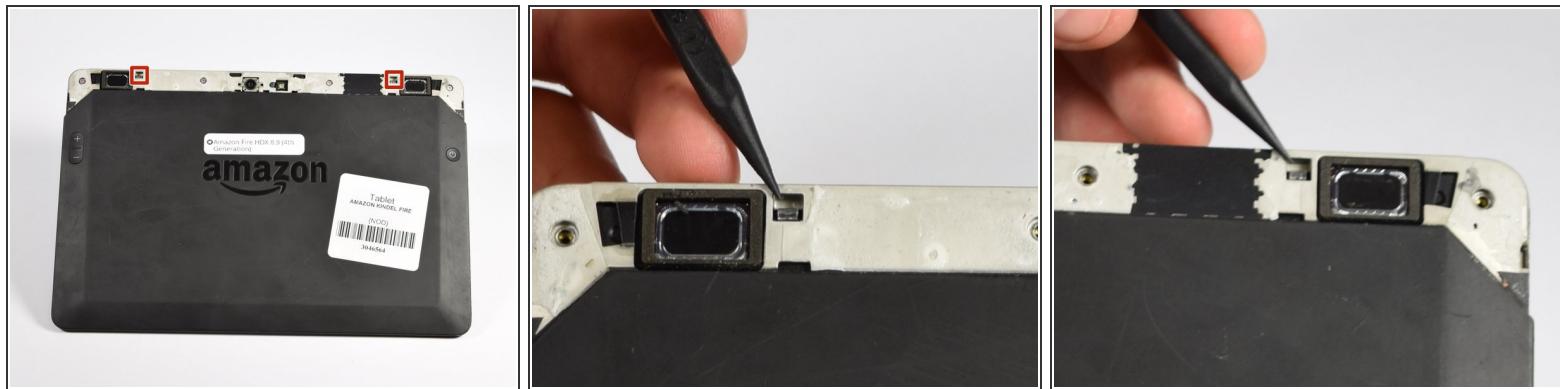
- Once you reach the end of the plastic cover you should be able to completely remove it from the device.

Step 3



- Use a T5 screwdriver to remove the four 3.5 mm T5 screws at the top of the device, where the black plastic trim was located.

Step 4



- Release the two clear plastic clips at the top of the device near the speaker using the spudger.
- Simply push down the clip with the tip of the spudger.

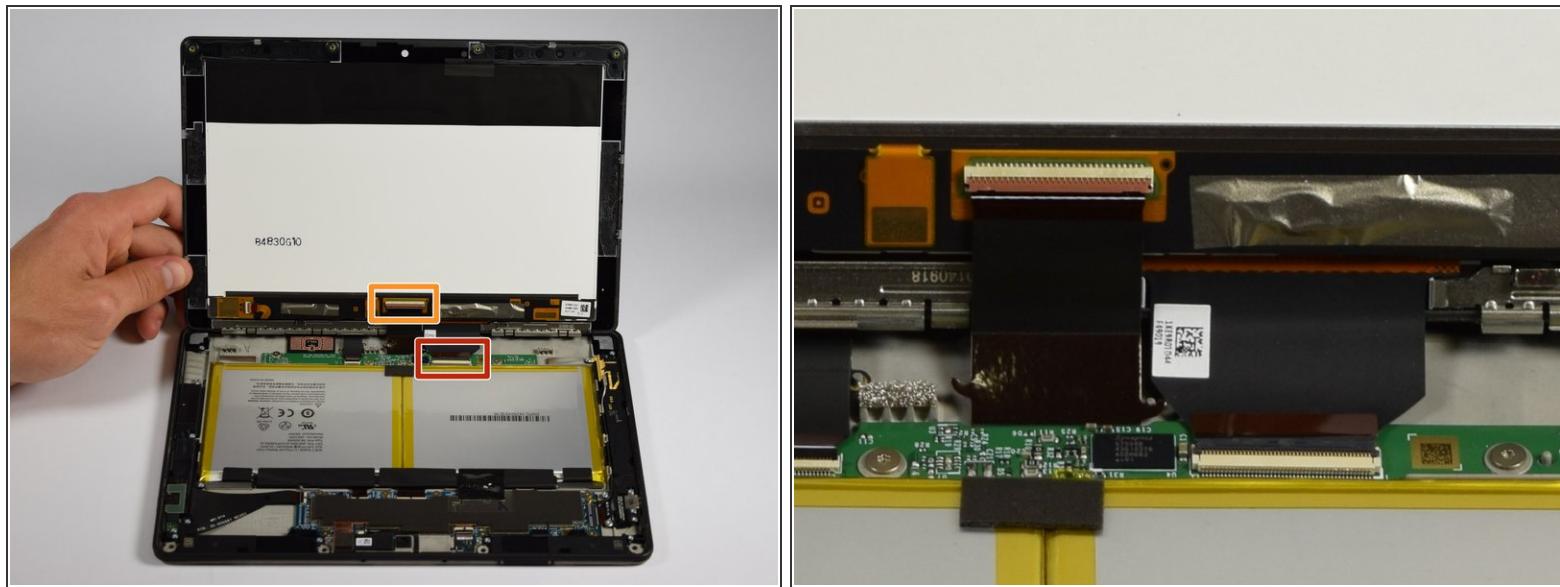
 Push lightly to ensure that the clips aren't damaged.

Step 5



- Use a plastic opening tool to wedge between the screen and the device, while simultaneously holding the clip open from step 4.
-  Pry the screen very gently to avoid cracking the glass
- Start to remove the screen from where the black plastic trim was removed and work the tool around the sides of the device. You will here small pops from the clips on the sides being released.
- The Amazon Fire can now be opened with the two flex cables at the base still connected

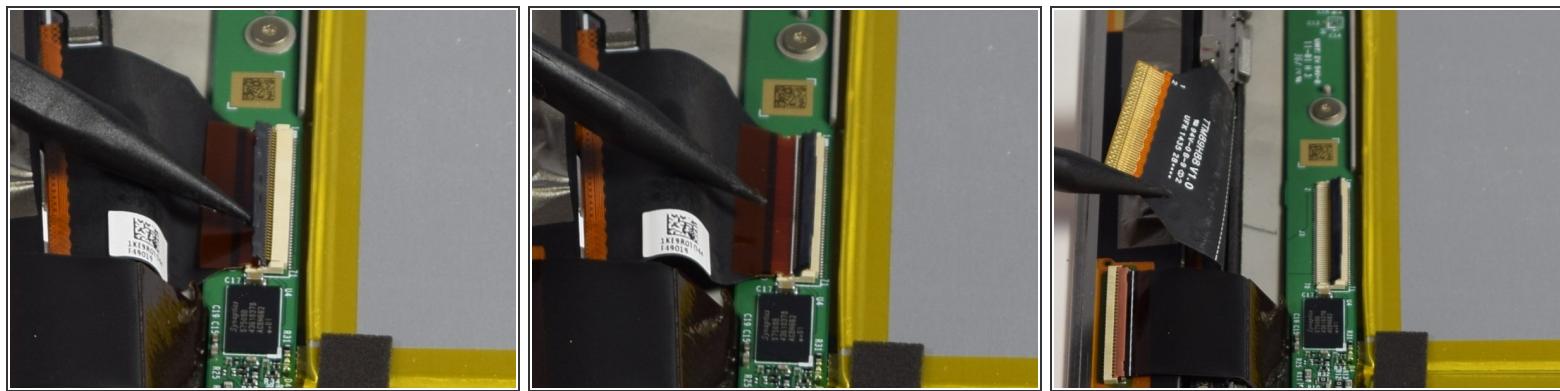
Step 6



- Now we have to remove the two flex cables attached to both the screen assembly and body of the device.

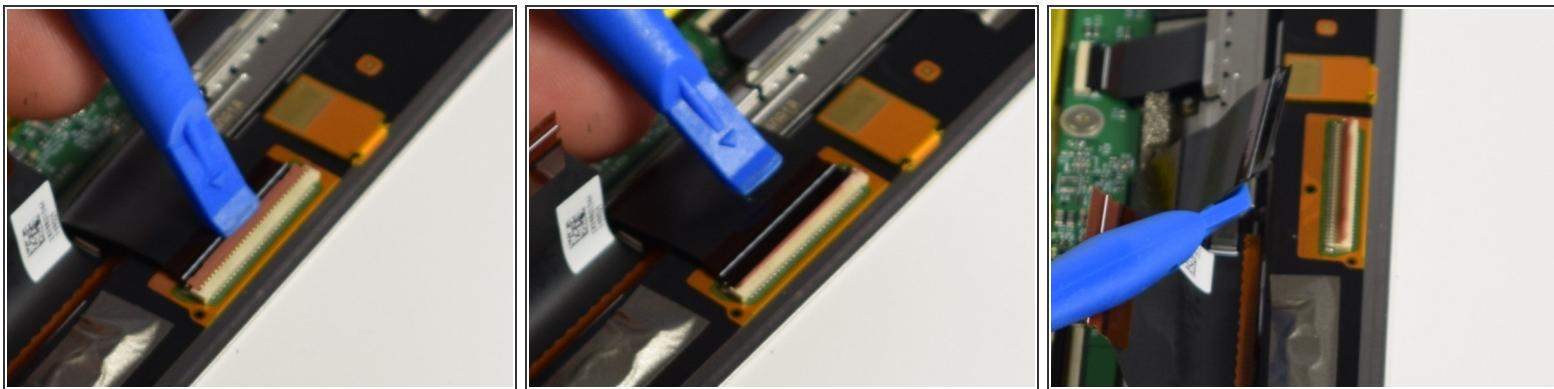
(i) The cable addressed in step 8 is highlighted in orange.

Step 7



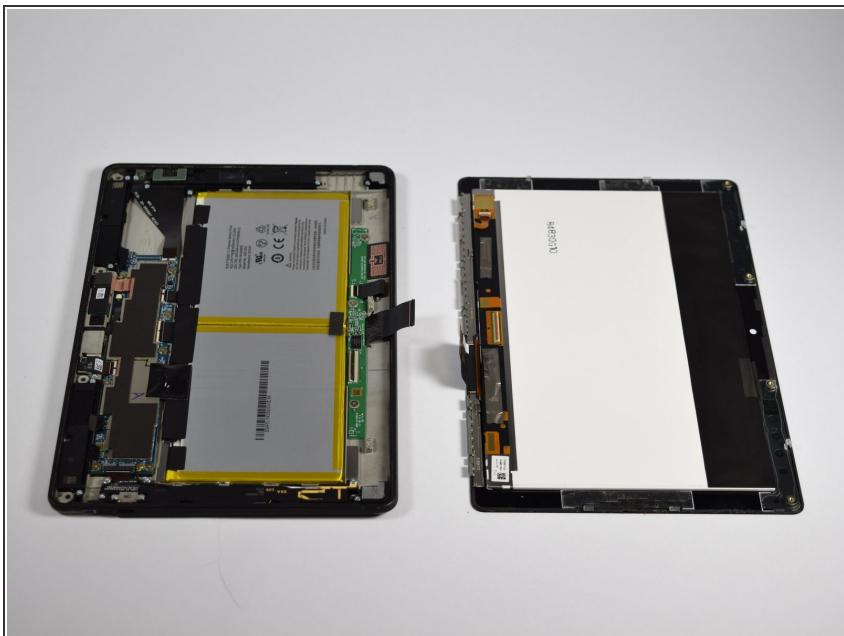
- First turn the device 90 degrees counterclockwise.
- Wedge a spudger or plastic opening tool under the black flap of the larger connector and lift up.
- Pull the belt out of the connector and lift it up.

Step 8



- Turn the device 180 degrees.
- Repeat step 7 for the smaller flex cable connection.

Step 9



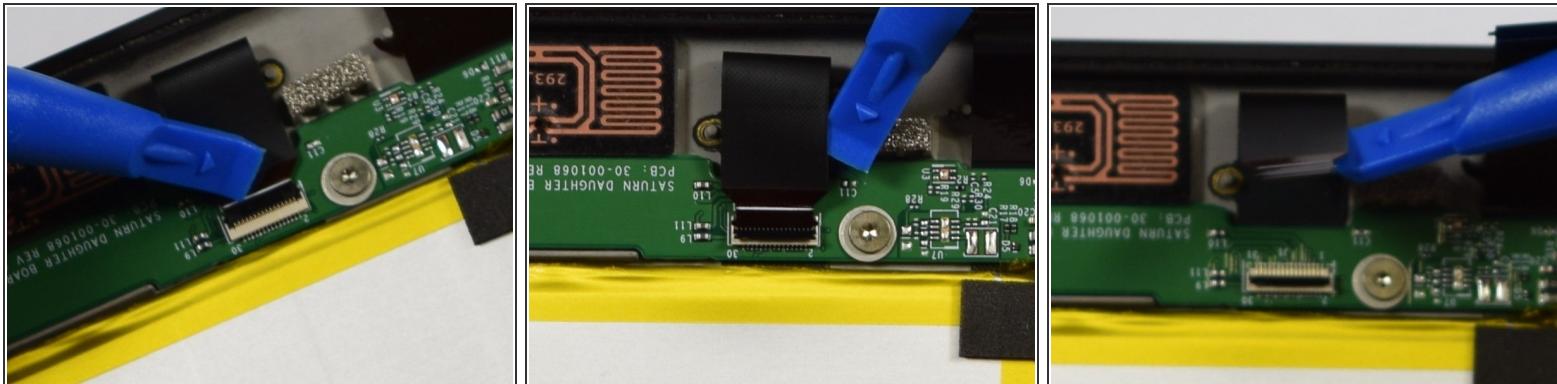
- Your screen assembly has now been removed and can be replaced.

Step 10 — Display Daughterboard



- We can now remove the display daughterboard.
- Start by disconnecting the lone flex cable still connected to the daughterboard.

Step 11



- Turn the device 180 degrees.
- Use a plastic opening tool to flip the black tab up on the connector.
- Pull the flex cable out and up.

Step 12



- With a T5 screw driver remove the three 2 mm T5 screws securing the daughterboard to the device.
- Use a plastic opening tool to lift up the daughterboard from the device.
- The daughterboard has now been completely removed, and can be replaced.

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