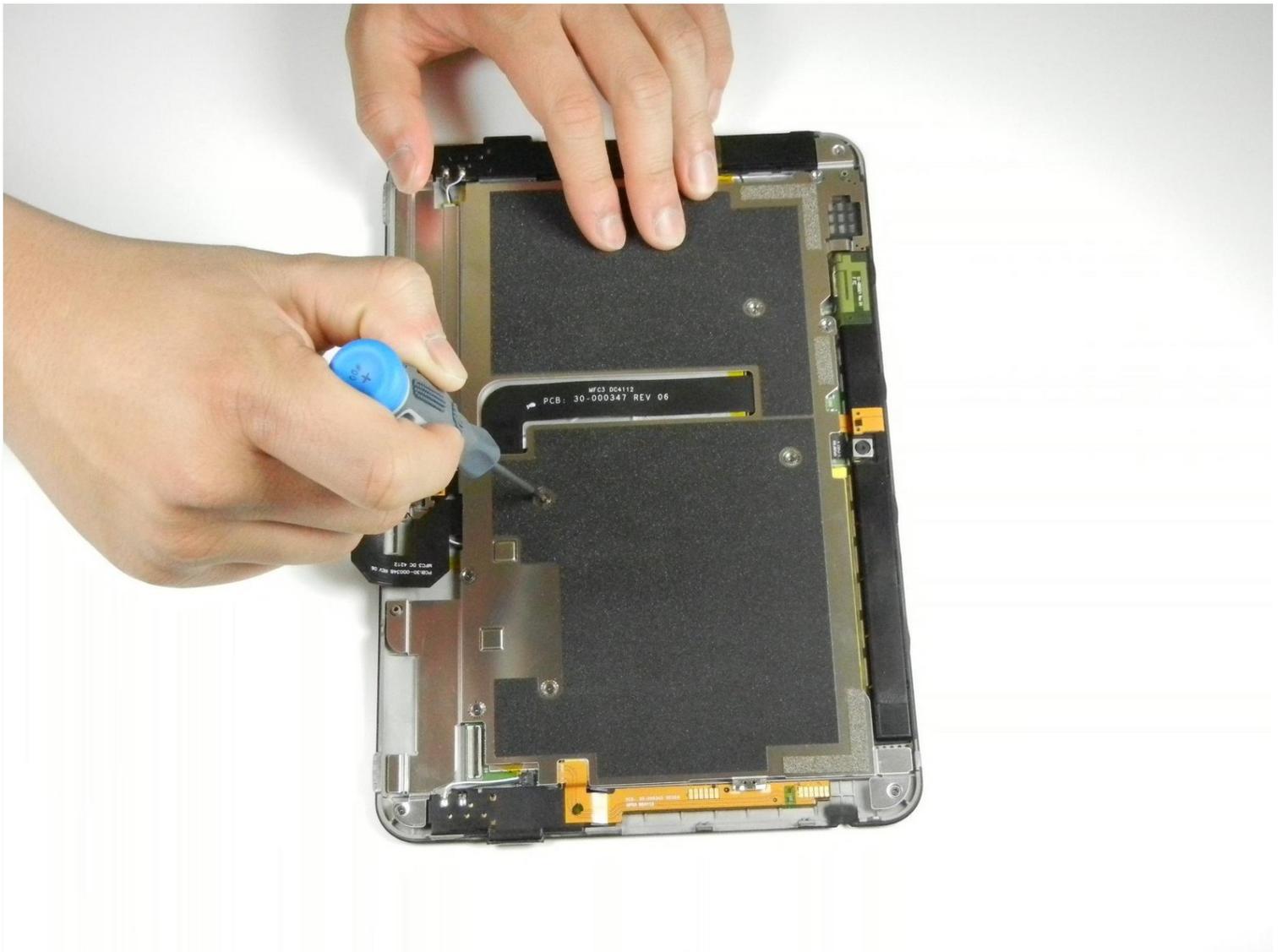




Kindle Fire HD 8.9" Midframe Replacement

Use this guide to replace the metal midframe on...

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INTRODUCTION

Use this guide to replace the metal midframe on the interior of the Kindle Fire HD 8.9". Removing this metal casing is a prerequisite for replacing most of the Kindle Fire HD's internal components.

TOOLS:

Phillips #00 Screwdriver (1)
iFixit Opening Tool (1)

PARTS:

Kindle Fire HD 8.9" Wi-Fi Heat Shield (1)
Kindle Fire HD 8.9" Volume Button Flex Cable (1)

Step 1 — Screen



- 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.

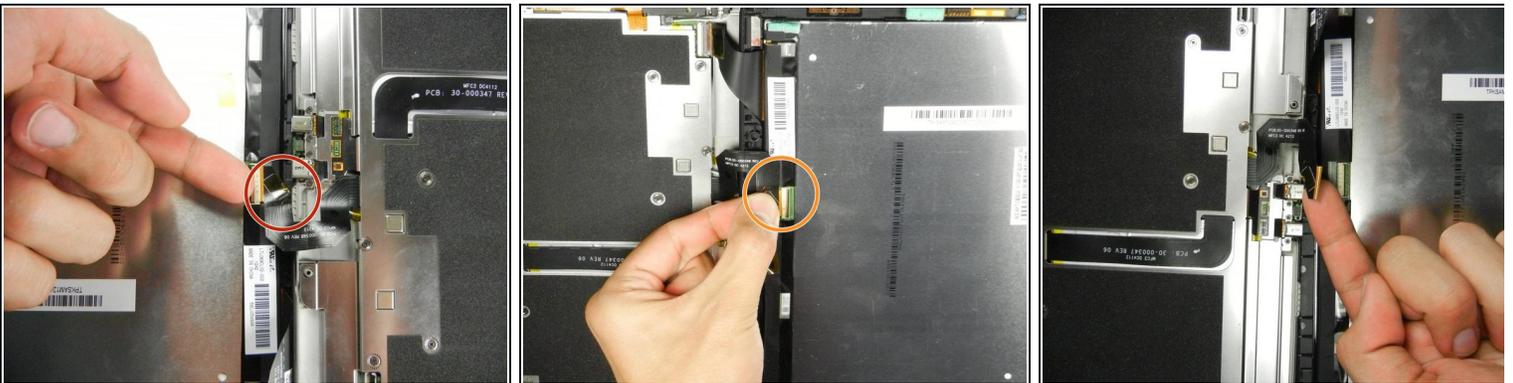
Step 2



- 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.

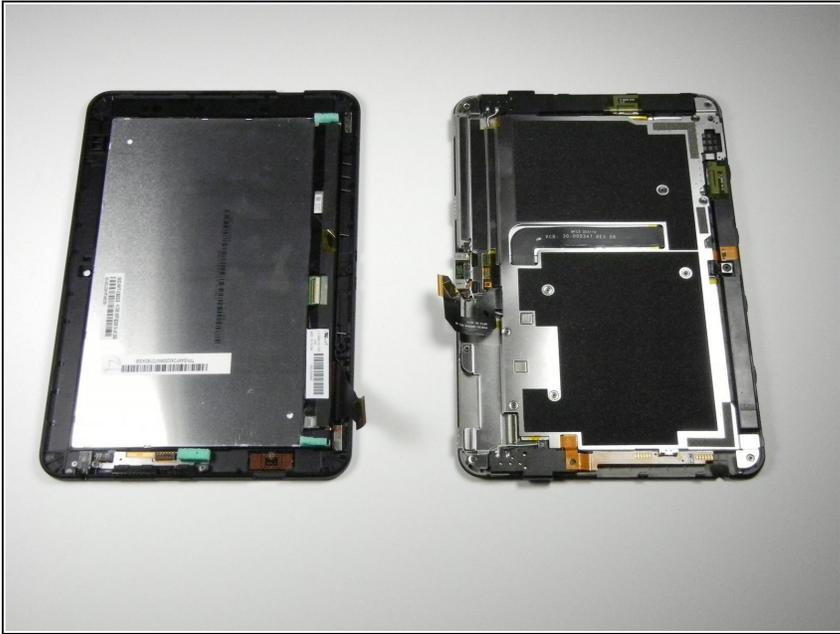
Step 3



- 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.

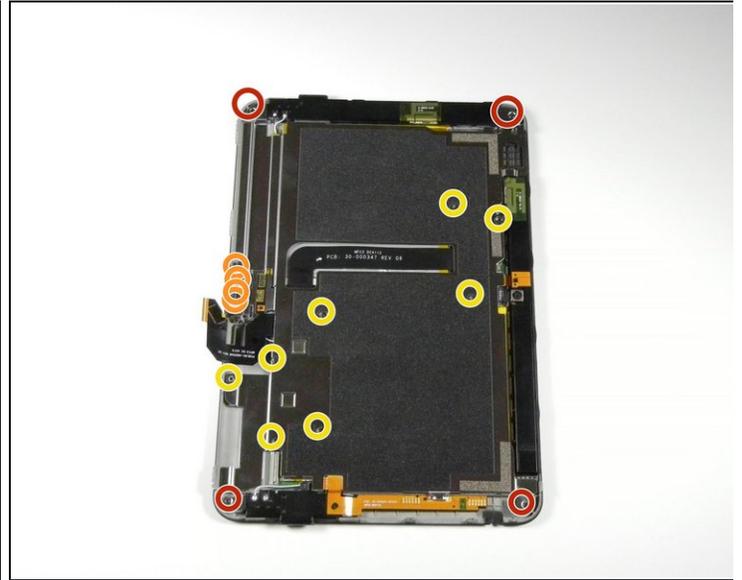
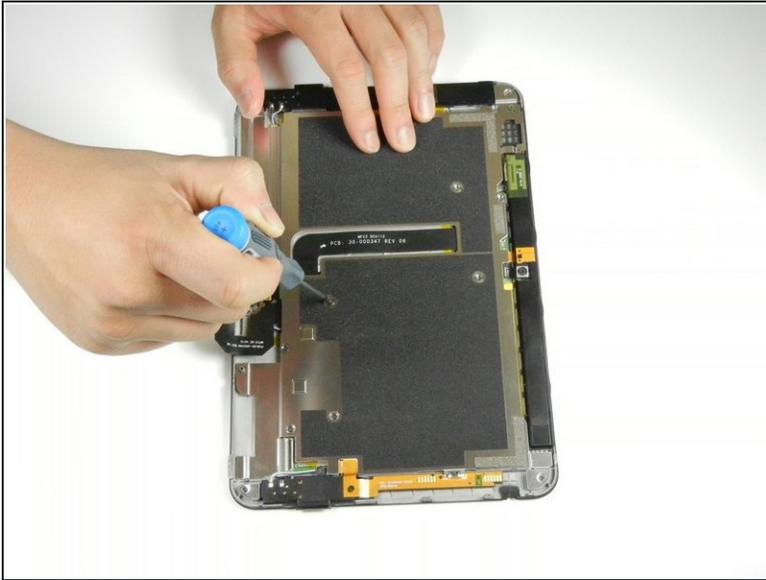
Step 4



- 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.

Step 5 — Inner Metal Casing



- Remove the following sixteen screws from the metal midframe on the rear of the device:
 - Four 3 mm Phillips screw (located in each corner of the device - noted in red in the diagram)
 - Four 3 mm Phillips screws (surrounding the ports - noted in orange in the diagram)
 - Eight 3 mm Phillips screws (located around the body of the midframe - noted in yellow in the diagram)

Step 6



- Carefully remove the metal midframe.

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