



Kindle Fire HD 8.9" Charger & Micro HDMI Input Replacement

This guide demonstrates how to remove the charger and micro HDMI input from your Kindle Fire HD 8.9".

Written By: Joel Wilcox



This document was generated on 2019-09-16 06:19:32 PM (MST).

 **TOOLS:**

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

 **PARTS:**

- [Kindle Fire HD 8.9" Wi-Fi Charging Assembly \(1\)](#)

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.

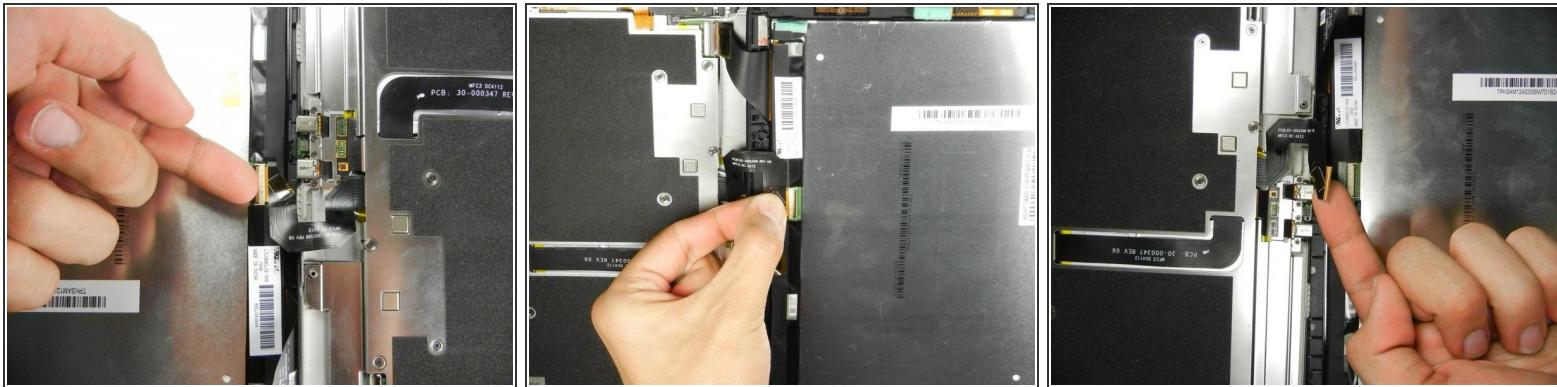
Step 2



- 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

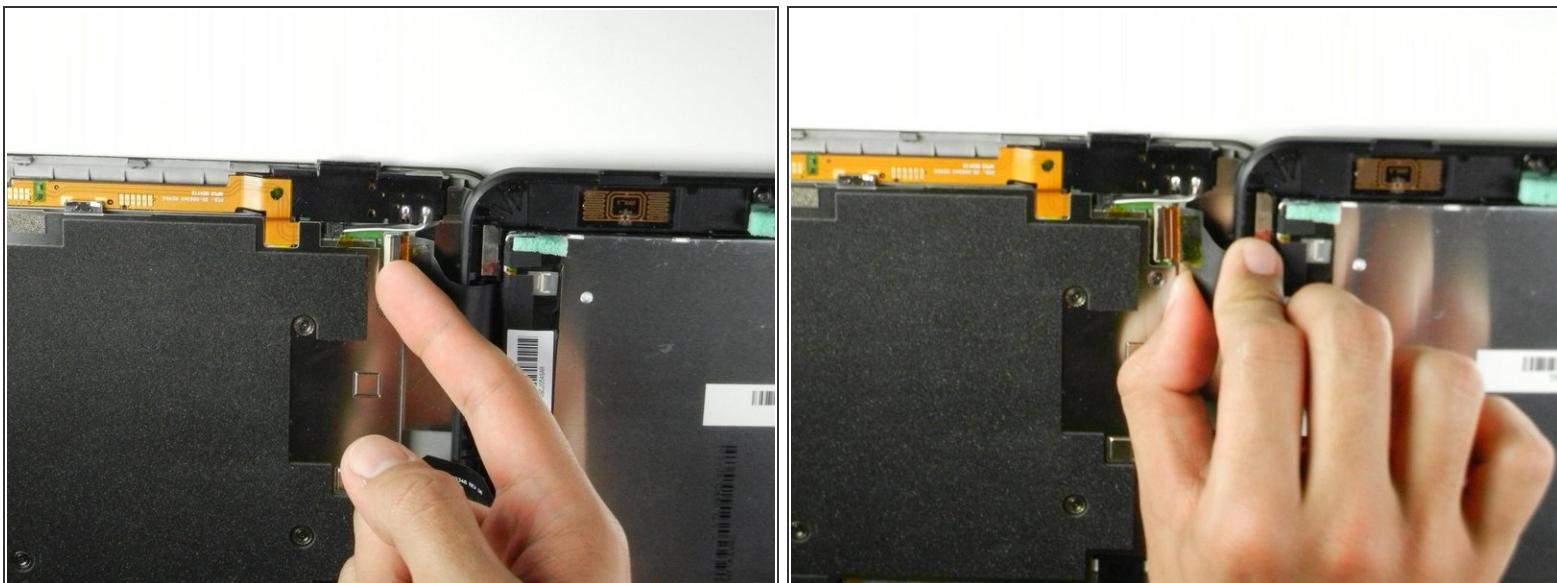


- Lift the retaining flap on the ZIF connector of the upper flex cable.

- 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.

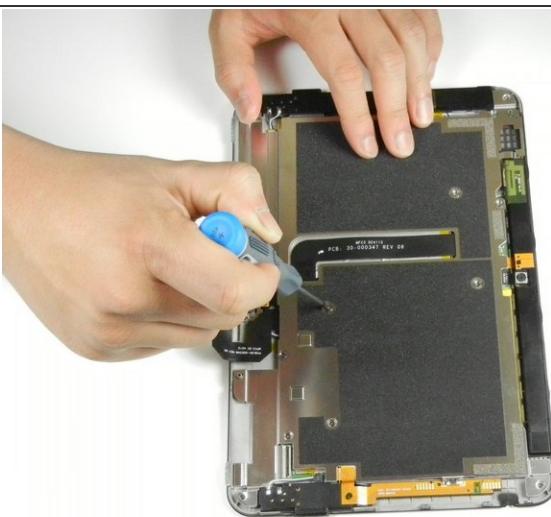
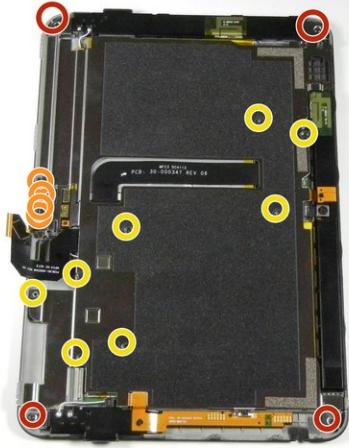
⚠ This flex cable is delicate. Be careful not to crease or bend it while working.

Step 5



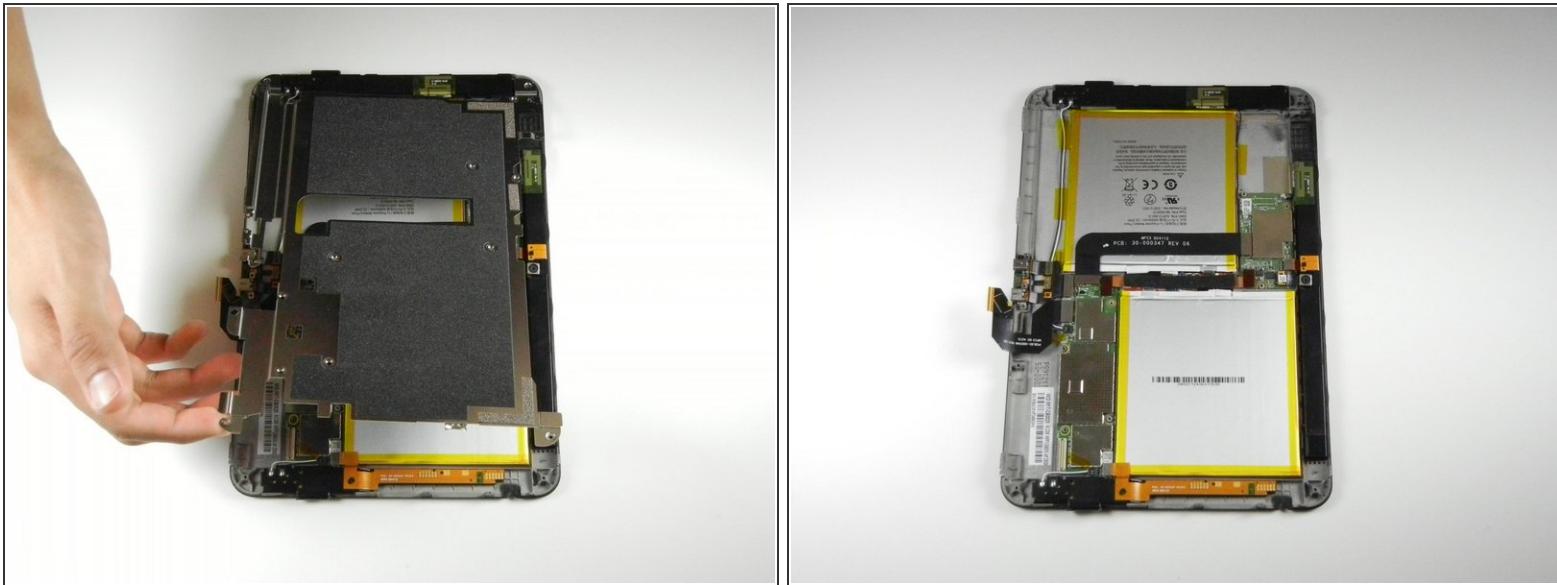
- Separate the display assembly from the rest of the device.
- ☒ When reassembling the device, align the two halves of the case before connecting the flex cables.

Step 6 — Inner Metal Casing



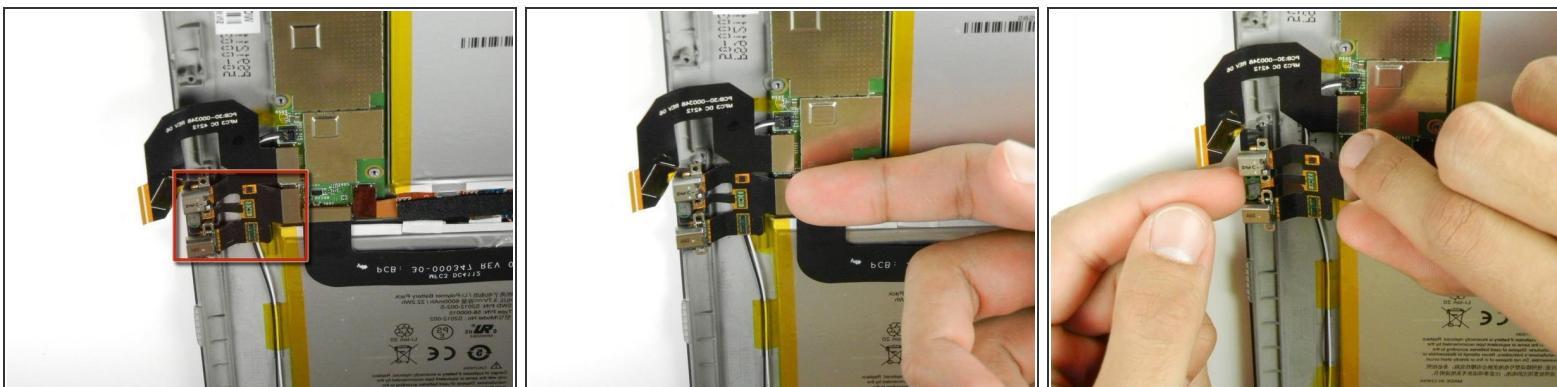
- Remove the following sixteen screws from the metal midframe on the rear of the device:
 - One 3 mm Phillips screw from each corner
 - Four 3 mm Phillips screws surrounding the ports
 - Eight 3 mm Phillips screws from the body of the midframe

Step 7



- Carefully remove the metal midframe.

Step 8 — Charger & Micro HDMI Input



- Locate the charger and micro HDMI input located on the back side of your Kindle.
- Use your finger to gently apply pressure and push upward on the metal strip that faces the center of the Kindle.

⚠ Be careful to not bend the black portion that connects the two inputs when removing the metal strip.

- Lift the metal strip on both sides by using your fingers.

Step 9



(i) You have now successfully removed the charger and micro HDMI input.

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