



Amazon Kindle Oasis 8th Gen Motherboard Replacement

Replace your damaged motherboard to restore functionality to your Kindle.

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INTRODUCTION

The motherboard holds together all the main components for the Kindle. Without a motherboard, your Kindle will not function. With a defective motherboard, your Kindle will run into some problems. This guide will teach you how to change your Kindle's motherboard.



TOOLS:

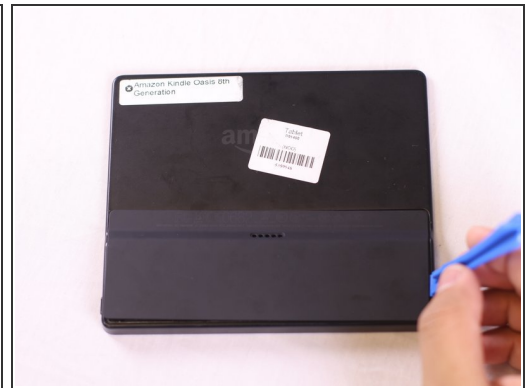
- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Metal Spudger Set](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Back Panel



- Carefully wedge the plastic opening tool between the back panel and the device to free the clips holding the back panel and the device together.

Step 2



- Work your way around the back panel to free all the clips.

Step 3



- Carefully remove the back panel from the device.
- Gently peel the back panel away from the adhesive, being mindful to keep the adhesive strip in good condition so that it can be used again.

Step 4 — Battery



- Using the tweezers, lift the orange bridge connector off.
- Place the tweezers in between the battery and the end of the bridge and lift upwards.

Step 5



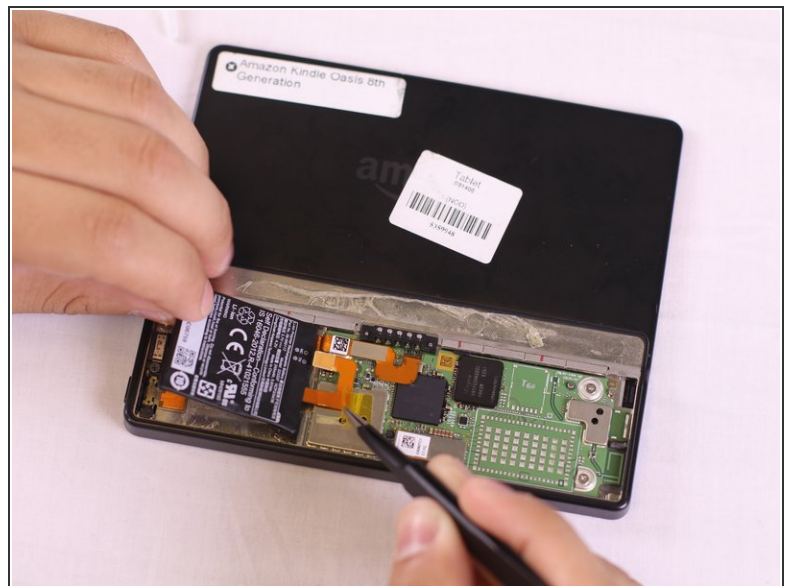
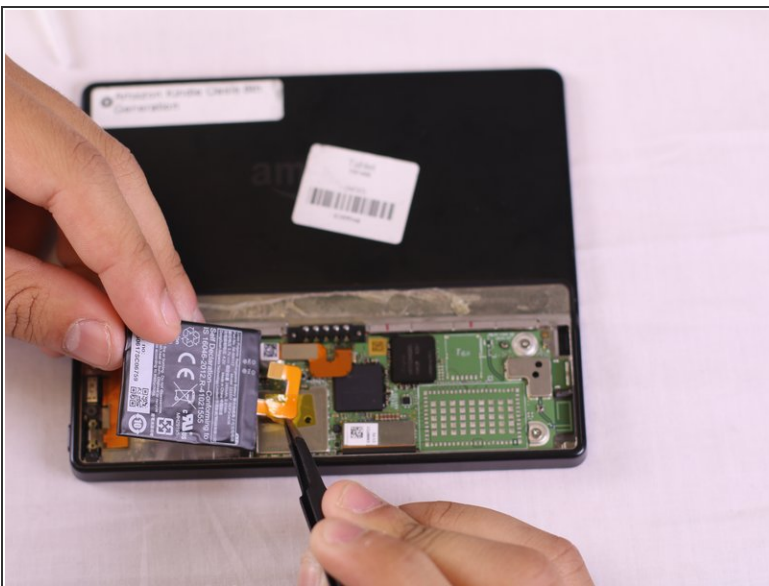
- Gently wedge the spudger under the battery starting from the left side, and slowly work the spudger around the edge to loosen the battery from the tape. Be careful not to rip the thin foil on the back of the battery.
- ⚠ Only use ESD safe tools when working on internal components of your device such as a spudger or opening tool.

Step 6



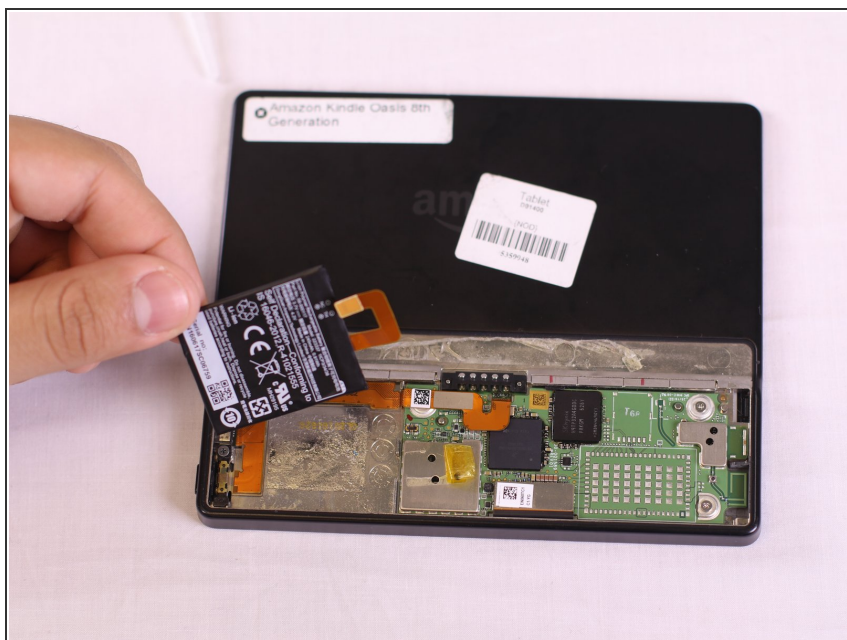
- Lift the battery out using the nylon spudger and use your fingers to slowly pull the battery off the adhesive.

Step 7



- Using the tweezers, gently lift the tape off of the Power bridge connector. If a new unit comes with a new piece of tape, remove entirely, if not remove and place one corner lightly face down on a clean surface to be used again.

Step 8



- Once free of the adhesive and connectors, remove the old battery from the device.

Step 9 — Charging Port



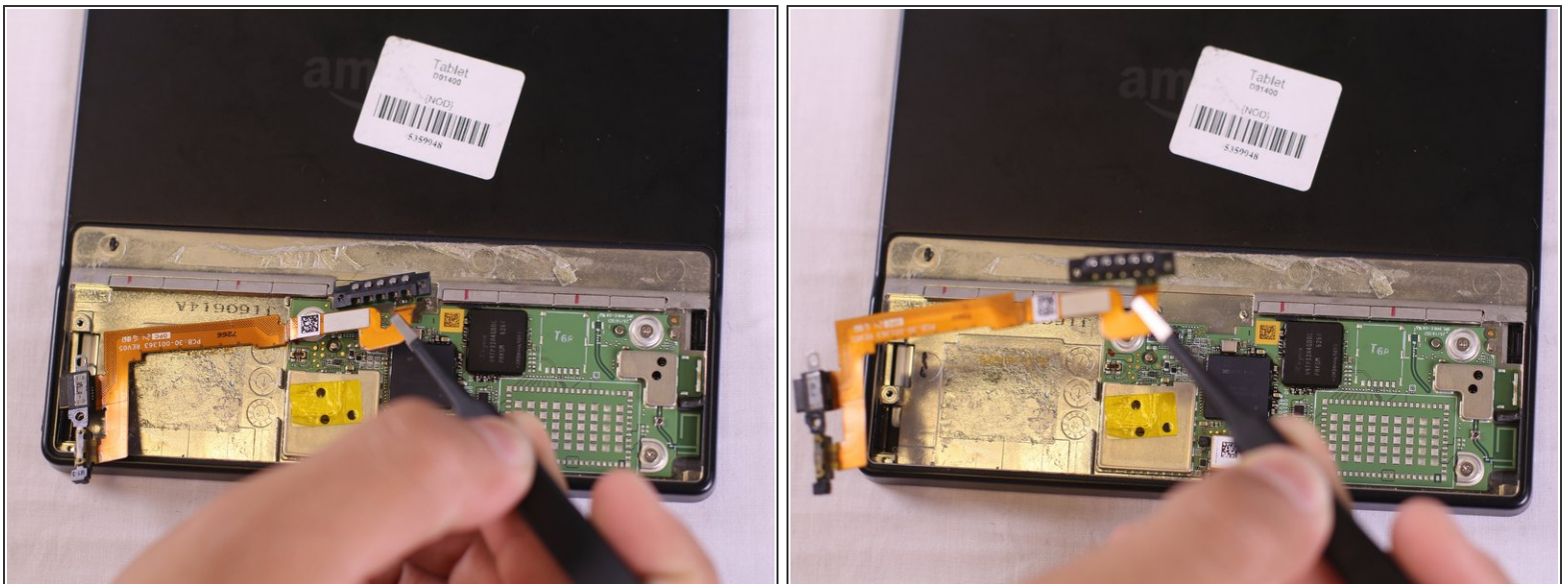
- Locate the 2 Phillips screws (labeled PH 0) and remove screws using a screwdriver with a PH0 bit.

Step 10



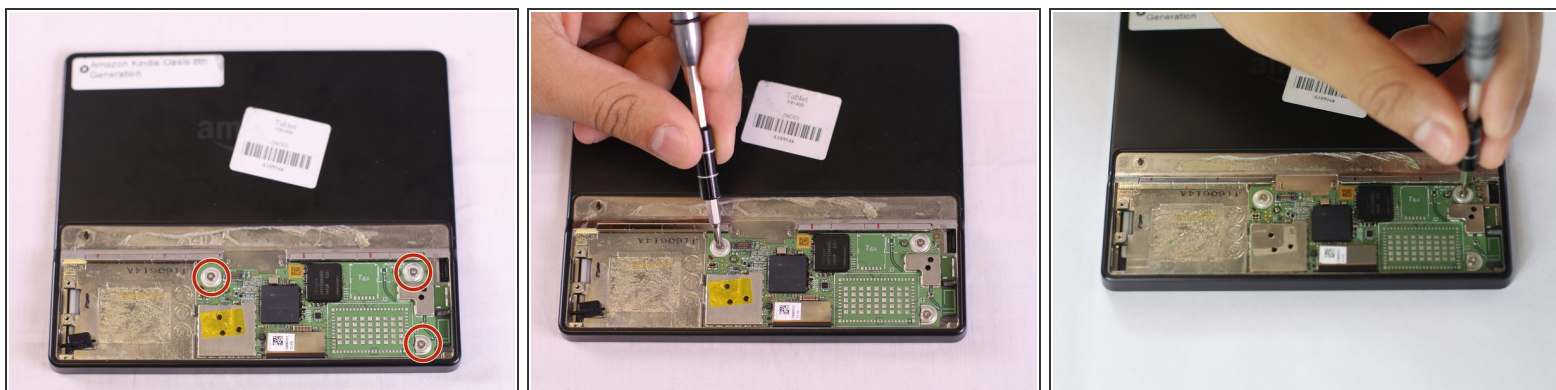
- Using the metal spudger, tweezers, and your finger tips, gently lift the orange power bridge connector off of the motherboard first and then off of the kindle.

Step 11



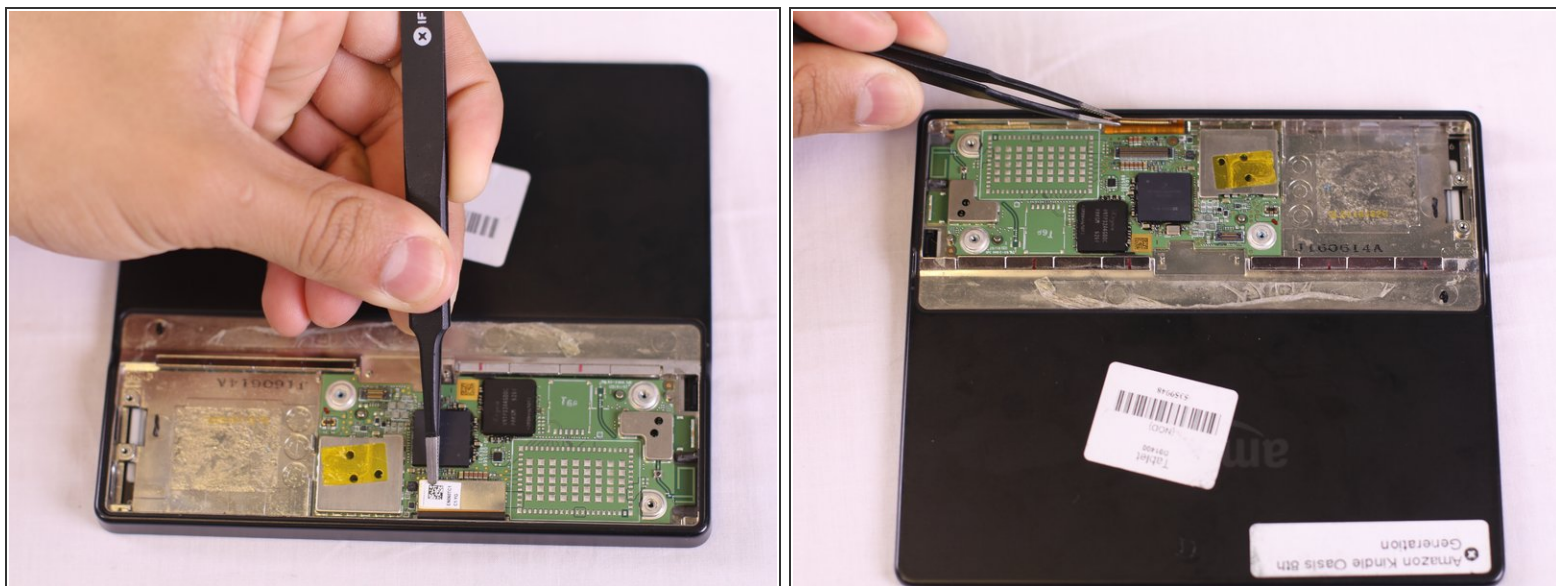
- Use the tweezers to pluck the orange bridge power connector from the Kindle. The charging port and power button is attached to the connector.

Step 12 — Motherboard



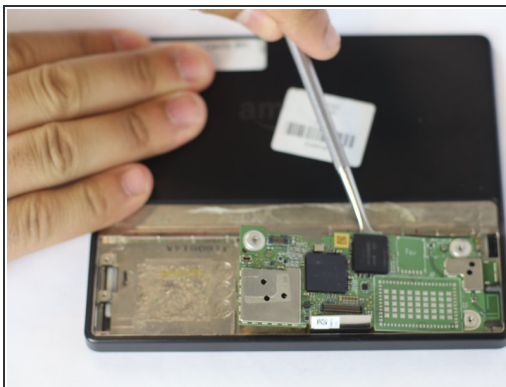
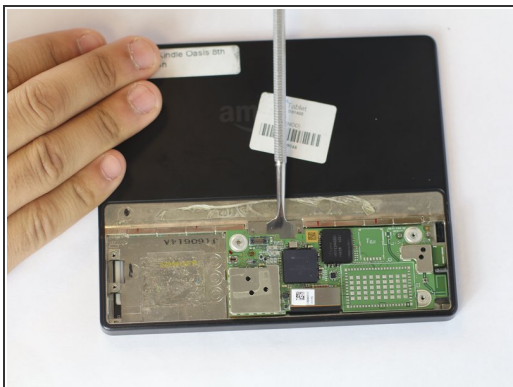
- Locate the 3 Phillips screws (PH 0) on the motherboard and proceed to unscrew them using a screwdriver with a PH 0 bit.

Step 13



- Locate the connector from the display screen on the motherboard and disconnect it with tweezers

Step 14



- Use the metal spudger to wedge out the motherboard from the Kindle.

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