



Kindle 3 Teardown

My screen broke, so I tore it down and took some pics of it.

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INTRODUCTION

Kindle 3 is a great ebooks reader from Amazon.com.



TOOLS:

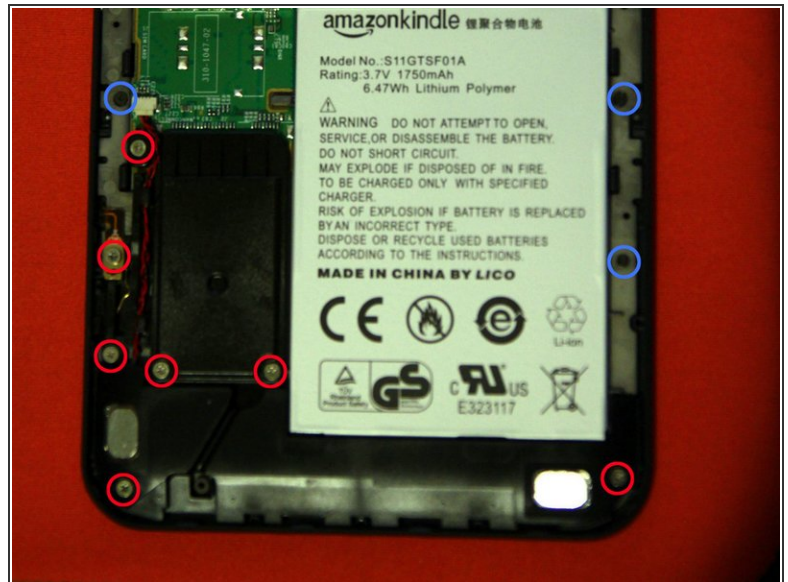
- [Phillips #00 Screwdriver](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
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Step 1 — Kindle 3 Teardown



- Pry the back open. The back is kept in place by a dozen tabs around the sides.
- Pry it out with an X ACTO blade or a spludger.
- I used my finger nails since part of the back had already popped open after I crushed it.

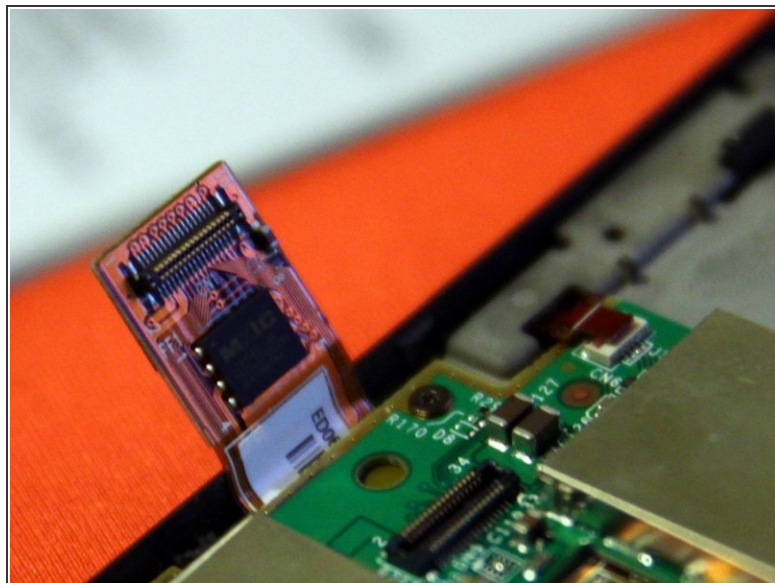
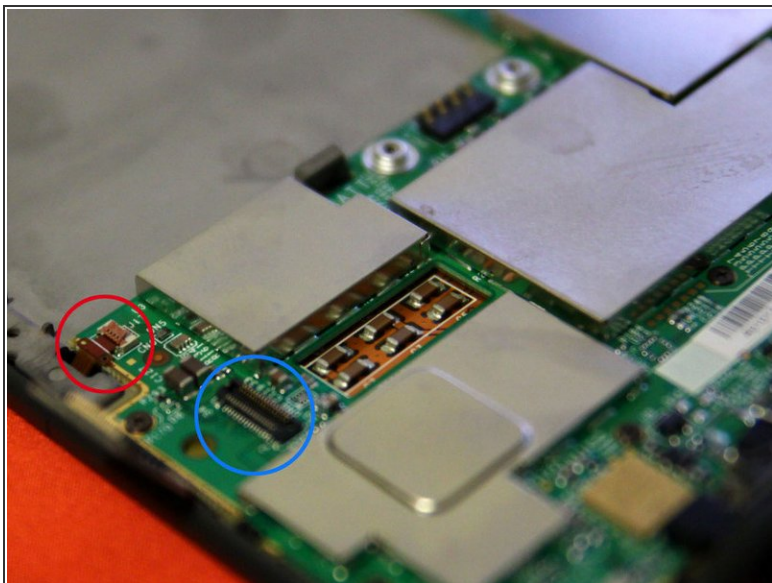
Step 2



- There are 24 screws holding it in place. I used a PH00 and PH000 screw driver to remove them. The same are used for the screws on a macbook.
- The battery is a 1750 mAh, 6.47Wh lithium polymer, which is ~10% more than the Kindle 2.
- Note this image is up side down.

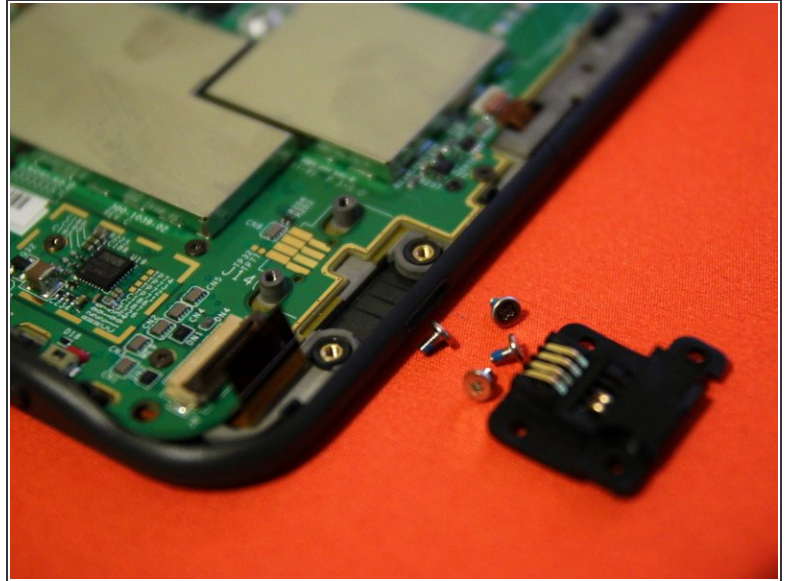
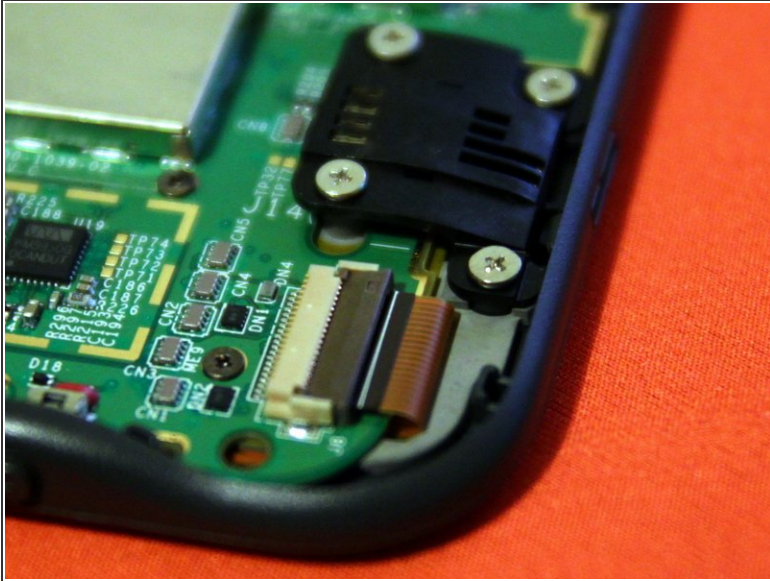
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Step 3



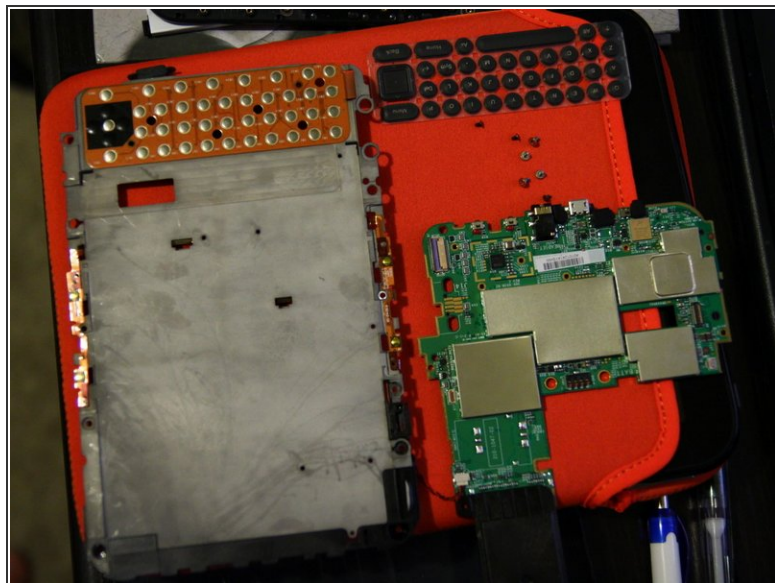
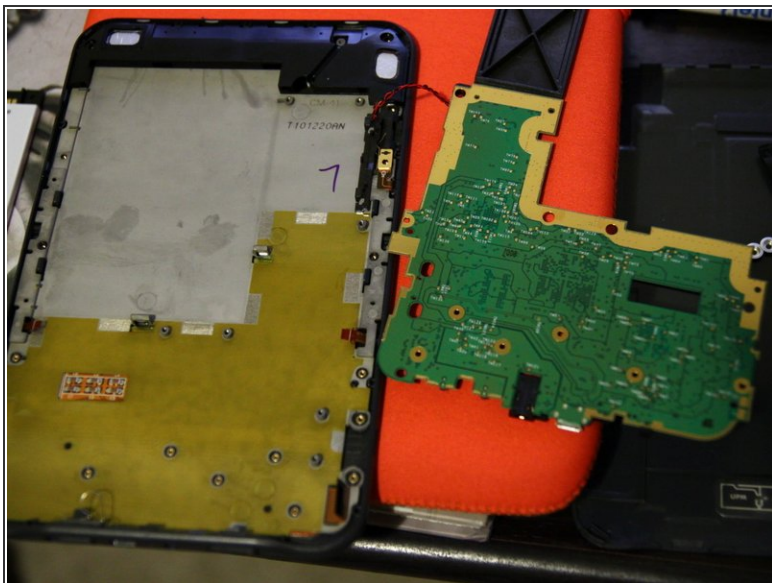
- Remove the two cables on the left side. They are held in place by a piece of plastic. Use your finger nail and flip it out. It should be very easy and require very little force.
- Circled in red is the cable to the side buttons.
- Circled in blue is the cable to the e-ink display. This cable is pretty fancy, it even has a couple of ICs embedded in it.

Step 4



- Remove the cable on the bottom right corner. This is the cable to the keypad.
- Above it is a black piece of plastic that connects the circuit board to an external slot for the optional cover and light that Amazon sells.
- Above that (not shown) is the other small cable that connects to the other side buttons.

Step 5



- Once you've removed all the screws shown in step one, the PCB can be easily removed, along with the back plate.

Step 6



- And there you have it. Very easy to disassemble but most of the parts are not replaceable, except for the screen and battery.

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