



# Kindle 3 Keyboard Replacement

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## INTRODUCTION

Use this guide for replacing the keyboard on a Kindle 3. The guide shows how to disassemble the device to replace the damaged keyboard.

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### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tool](#) (1)
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## Step 1 — Battery



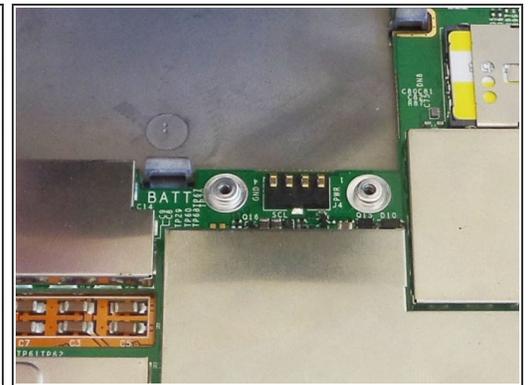
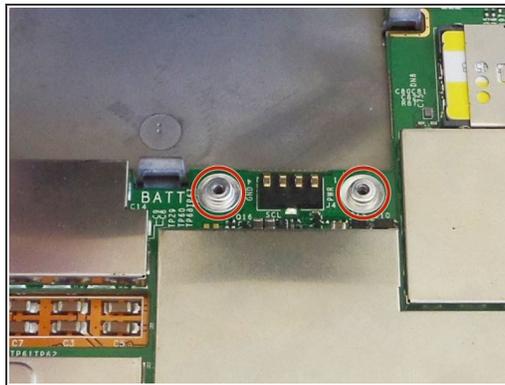
- Starting 15mm below the right page-turning button, insert the middle of the pry tool. Pry open the back of the device using the pry tool, or similar plastic opening tool. The flexi cable for the screen is 10mm wide and passes 10mm to 20mm below the right page turn and is very easy to tear the edge.
- ⚠ Do not attempt to pry directly on the page turning buttons. This will damage the buttons. By inserting it at 15mm this will reduce the chance of damaging the flexi cable. Look closely at the image of Kindle with the back removed, this will help to identify the location.
- ⚠ **Be super careful here!!** That flex cable is inherently tied into the screen, so if you damage the cable, the screen is ruined. Try opening from the other side, if possible. No single-points-of-failure to damage on that side.
- i If you are having trouble getting an initial gap to pry from, run the flat edge of the pry tool along the front-to-back plate seam until it slips into a gap.
- ⚠ Don't insert your tool too far, or you may damage some of the orange flex cables near the edges of the device.
- 👉 When reinstalling the back cover, slide the bottom edge into place first, and then press up the sides and along the top until all the clips snap into place.

## Step 2



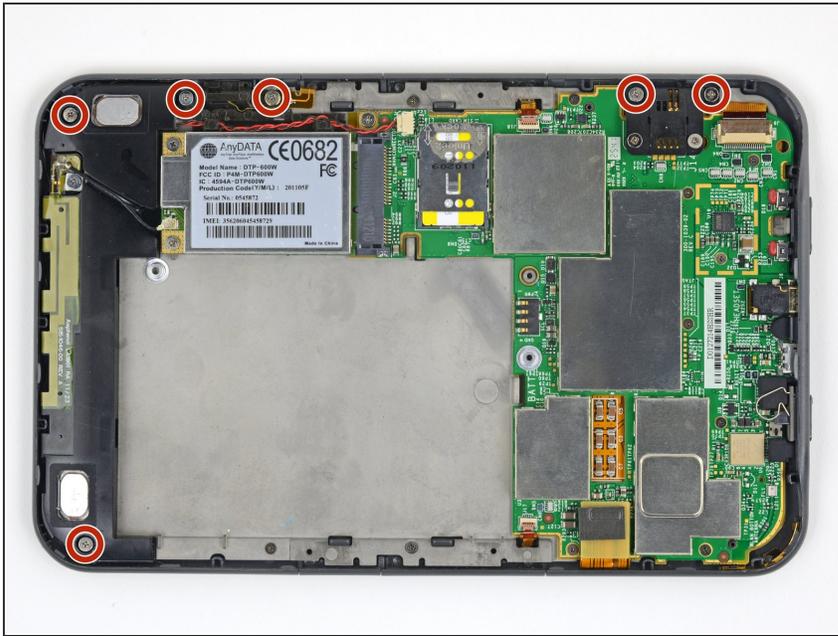
- Unscrew the two silver 4 mm Phillips screws securing the battery connector.

## Step 3



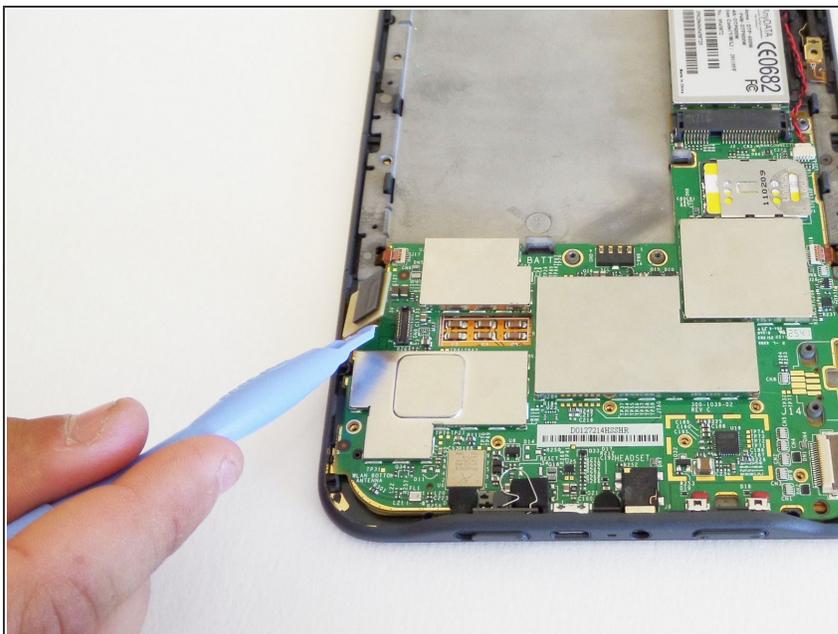
- Lift battery out of housing starting at the end that was secured by the screws.
- ✦ Two silver washers beneath the battery connector may come loose—don't lose them.
- ✦ When reinstalling the battery, first slide the bottom edge into place and make sure the two retaining tabs are secure, before screwing down the connector.

## Step 4 — Motherboard Assembly



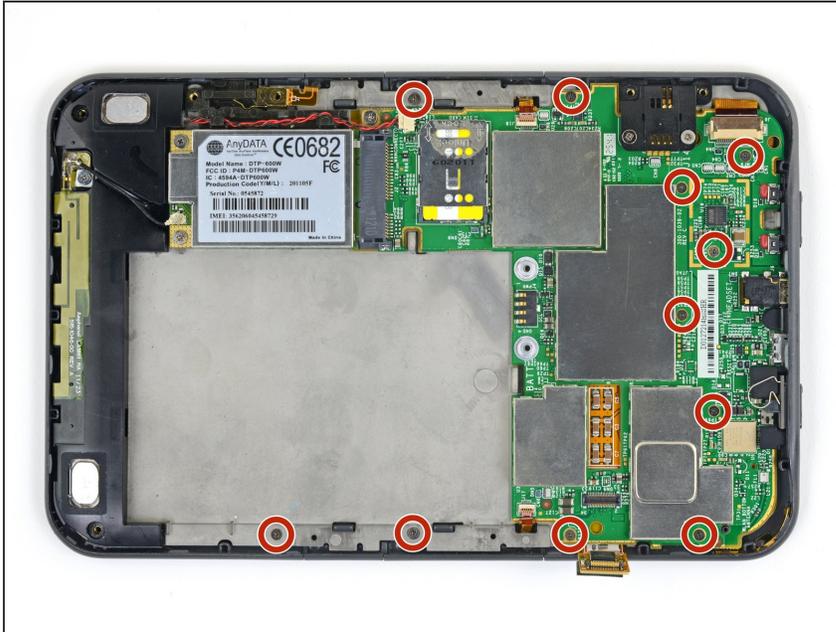
- Remove six silver Phillips screws from the locations shown.

## Step 5



- Pry the display connector straight up from its socket on the motherboard to disconnect it.

## Step 6



- Remove eleven smaller, gray-colored Phillips screws from the locations shown.

## Step 7



- Lifting from the top edge, slide the entire motherboard and midframe assembly together away from the bottom edge of the Kindle, and remove it carefully.

## Step 8 — Keyboard



- Replace the damaged keyboard.
- ⚠ When reassembling the Kindle 3, test the power switch to make sure it moves freely.
- ⚠ When reassembling the device, do not mix up the gray and silver screw slots.

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