



# Keychron K3 Ultra-slim Wireless Mechanical Keyboard Disassembly

Keychron K3 keyboard tear down.

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# INTRODUCTION

This guide will show you how to tear down the Keychron K3 keyboard. This is a complete teardown that involves removing the keys and keyboard frame to access the PCB. Thia guide is for the K3 with hot-swappable switches

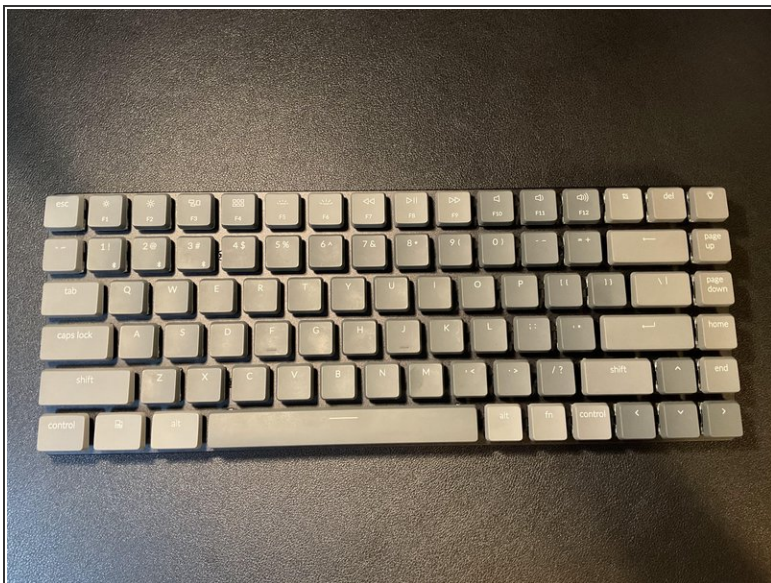


## TOOLS:

- [Phillips #1 Screwdriver](#) (1)
  - [Keycap Puller](#) (1)
  - [Switch Puller](#) (1)
  - [Spudger](#) (1)
  - [Tweezers](#) (1)
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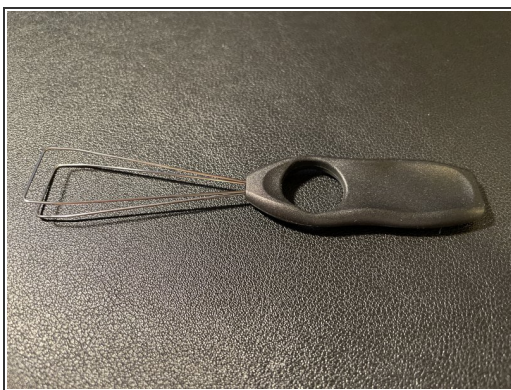
## Step 1 — Remove the USB/Power Off Keyboard



- Unplug the keyboard and toggle the leftmost switch to the 'Off' Position

✦ For reference, the switches are located on the top of the keyboard.

## Step 2 — Remove Keycaps



- Using a keycap puller, carefully remove the keys from the keyboard

**⚠ NEVER** attempt to remove the keyboard keys on any keyboard without a keycap puller or tool specialized to remove keyboard keys, not using the correct tool may damage the keys

### Step 3 — Confirm switches are hot-swappable



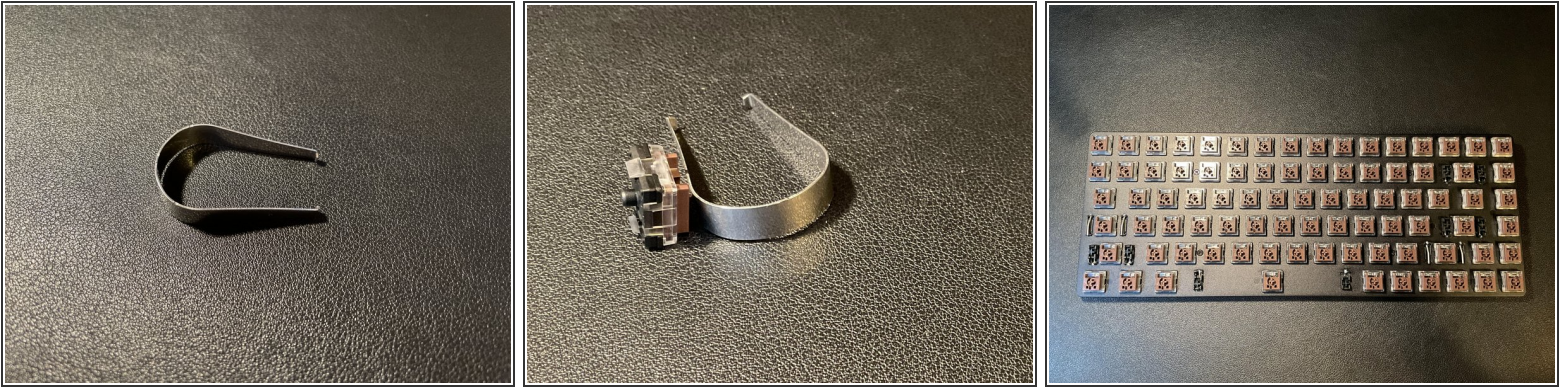
- Check that your switches are hot-swappable. If they are not, trying to remove them will damage your keyboard.

 The mechanical switches are NOT hot-swappable, and the colored stem is smaller and more oblong.

- The optical switches are hot-swappable, and they have a larger colored stem which is mostly square.



## Step 4 — Removal of Switches



- Use a switch puller to remove the switches.
  - ❗ If you have the included switch puller from Keychrone, it may be tough removing said switches.
- Each switch has small tabs on the corners to grab and remove them. (The Included switch puller might require extra strength to remove)

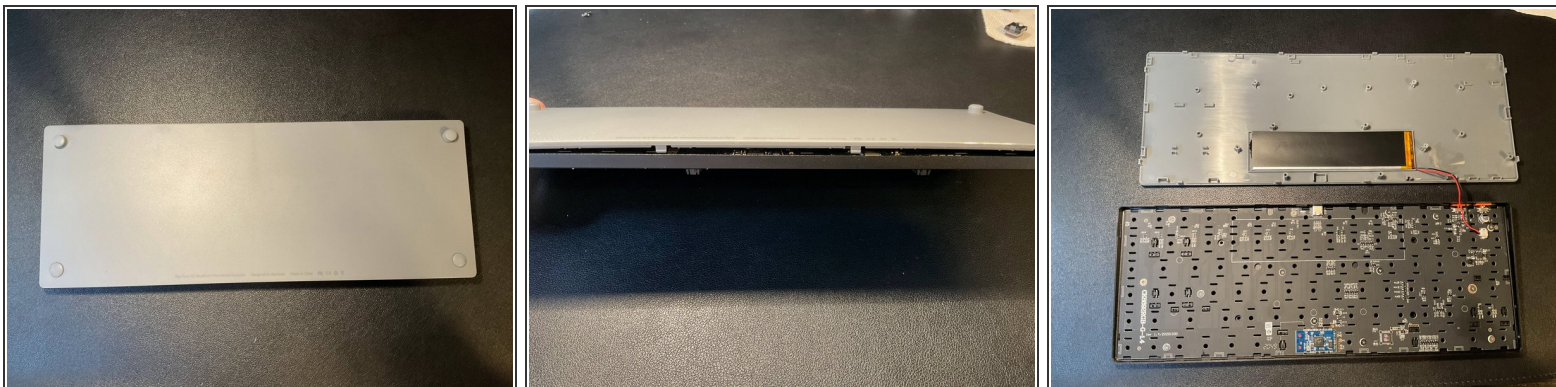
## Step 5 — Remove the Chassis Screws



- Use a # 1 philips drill bit to remove the 4 screws on the keyboard



## Step 6 — Separate the Base and Top

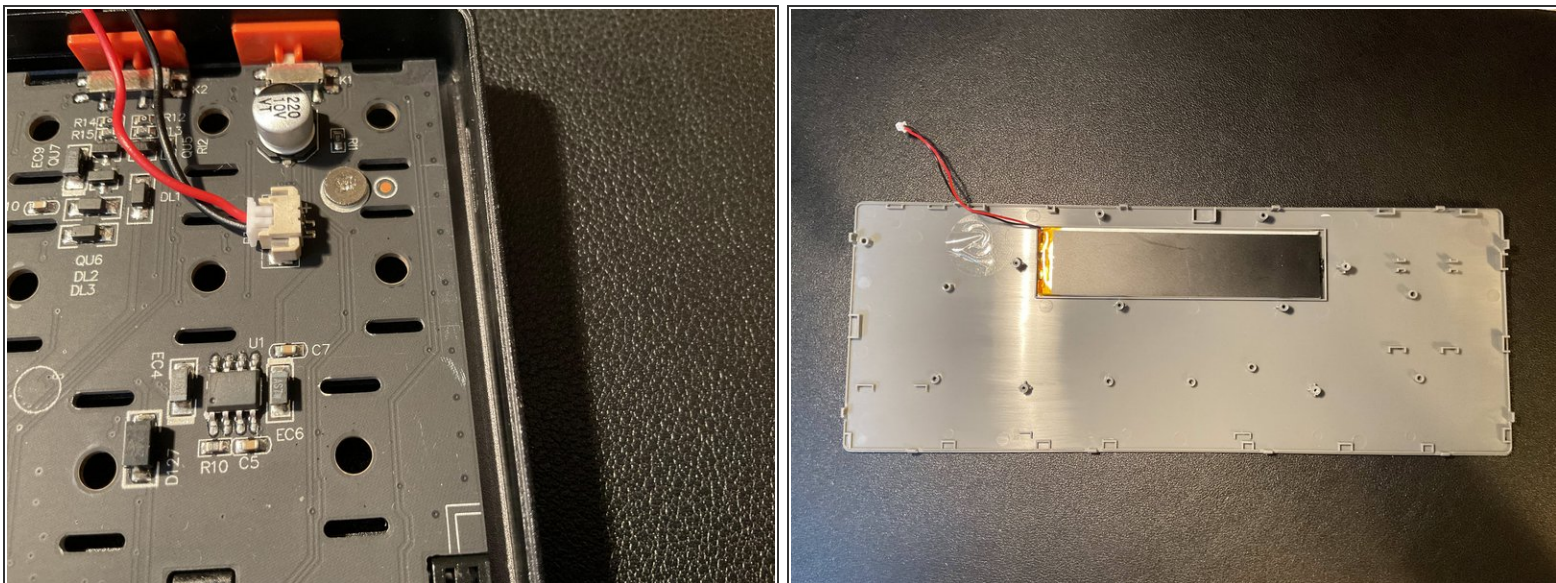


- Use a spudger or another wedge tool to pry open the plastic base from the aluminum chassis.

⚠ Use caution when removing the base from the chassis as there are tabs that hold them together!

⚠ CAUTION: The battery is located on the plastic bottom. The battery is connected to the PCB located near the orange switches and USB

## Step 7 — Disconnect the Battery

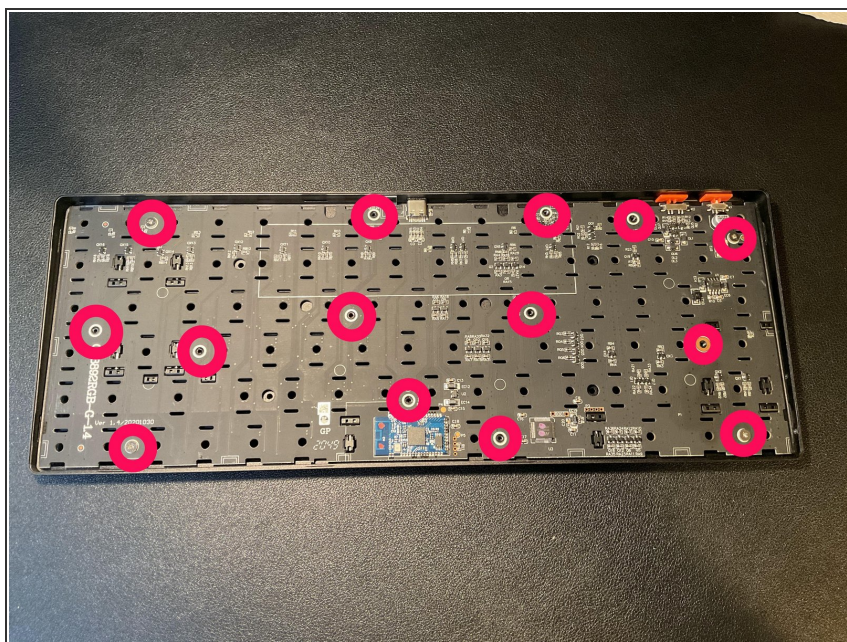


- Use tweezers to disconnect the battery from the PCB.

⚠ Use caution when removing the PCB! Pull away from the connector. Do not attempt to jiggle the cable as this may loosen/damage the connector

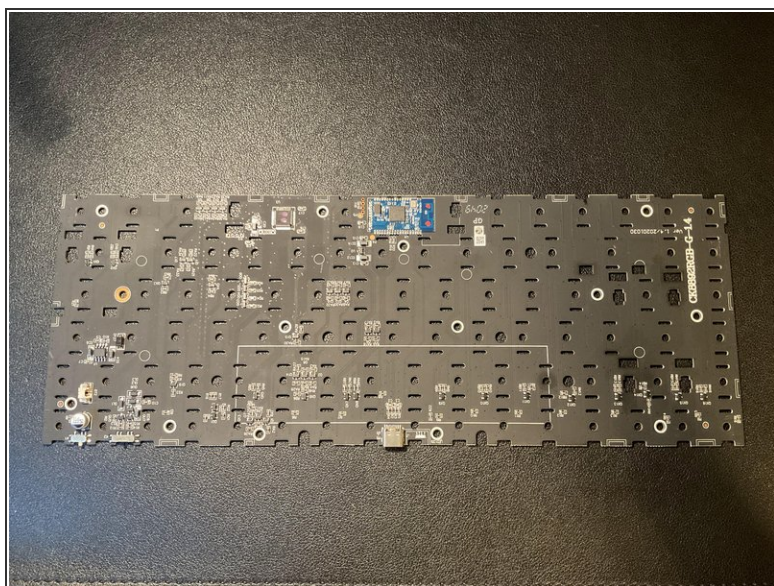


## Step 8 — Remove the PCB



- Remove the 14 screws with a # 1 Philips screw driver bit
- To remove the PCB from the aluminum frame, use a spudger to wedge it out.

## Step 9 — Disassembly complete



- The PCB is now removed and able to work on.
- **i** When you reassemble the keyboard, make sure to put the orange toggles with the two nubs pointing towards the switch side of the aluminum frame.

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