Keychron K3 Ultra-slim Wireless Mechanical Keyboard Disassembly

Keychron K3 keyboard tear down.

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INTRODUCTION

This will show you how to tear down the Keychron K3 keyboard.

TOOLS:
- Phillips #1 Screwdriver (1)
- Keycap Puller (1)
- Switch Puller (1)
- Spudger (1)
- Tweezers (1)
Step 1 — Poweroff

- Unplug and toggle the small orange switch to the off position

Step 2 — Removal of Keycaps

- Use a keycap puller to remove the keycaps.
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 Keychron, it can be tough removing these switches.

- Each switch has small tabs on the corners to grab and remove them. (Included switch puller might require extra strength to remove)

Step 5 — Removal of screws holding chassis together

- Use a #1 philips drill bit to remove the 4 screws
Step 6 — Removing Aluminum top chassis from base

- Use a spudger or another wedge tool to pry open the plastic base from the aluminum chassis.
- There are tabs that hold the two in place, be careful to not use too much power when opening.
- CAUTION: The battery on plastic bottom is connected to the PCB on the USB and orange toggle side.

Step 7 — Disconnection Battery

- Use tweezers to disconnect the battery from the PCB.
Step 8 — Removal of PCB from Aluminum frame

- Remove the 14 screws with a #1 Philips screwdriver bit.
- To remove the PCB from the aluminum frame, you can push from the 'Top' or use a spudger to wedge it out.
Step 9 — Dissassemble complete

- The PCB is now removed and able to work on.
- 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.