

How to remove and install mechanical switches on a keyboard

This video is a step-by-step process on how to remove and install mechanical switches on a keyboard.

Before we proceed, check and prepare the following:

Identify whether your keyboard's circuit board is hot-swappable or soldered.

Check what mounting type your keyboard supports: 3-pin or 5-pin switches.

Switch puller

Soldering components (for keyboards with soldered circuit board)

We also recommend wearing an anti-static wrist strap for safety purposes.

Let's get started.

Unplug the keyboard from your PC.

Remove the keycap from the keyboard. For a guide on how to replace keycaps on a Razer keyboard, see the link in the description.

If you have a non-Razer keyboard, check your device's manual.

Gently pull out the switch using a switch puller.

For keyboards with soldered switches, desolder the switch from the circuit board first.

Insert your preferred mechanical switch replacement, but before doing so, ensure the pins are aligned properly. Bent copper pins are known to cause the switch to not fit into the socket.

Solder the switch accordingly for keyboards that require it.

Ensure you follow soldering safety guidelines.

Reattach the keycap. Firmly push it into place.

Plug the keyboard into your PC and perform a test.

That's it! You have successfully installed new mechanical switches on your keyboard.