**How can I fix a mechanical keyboard with sticky keys?**

Even though mechanical keyboards are long-lasting and their keys rarely stick due to their smart switches, external factors can sometimes cause some sticky keys on your keyboard, which is not very common but can occasionally occur. It is especially possible if you do not pay much attention to the things around your beloved mechanical keyboard. There are several reasons why a key can become stuck on a keyboard. Even fixing sticky keys on its own can be a major task.

You can check your mechanical keyboard keys here. The [spacebar test](https://spacebartest.org) is the best way to determine whether your keys are working correctly.

**What are the sticky keys on a mechanical keyboard?**

Our sticky keys for this post are those that get stuck because of debris and dust that has been trapped between the key switches and other components inside the key. This can be caused by several factors.

It should be noted that we are not referring to the sticky keys as part of the software. It can be extremely difficult to handle the typing experience if the keys get stuck because of the gunk. It would be ideal to check out your best options for cleaning up the gunk and removing dirt or dust from sticky keys if you come across any such keys.

**What Causes Sticky Keys on a Mechanical Keyboard?**

It can be caused by several issues on a mechanical keyboard. Accidentally spilling something on your keys is one of the leading causes of this. You would find your keys getting stuck if you like to eat while surfing. Before we can learn how to fix sticky keys on a mechanical keyboard, we need to understand how they occur.

**There are several reasons why a mechanical keyboard key can become stuck, including the following:**

**1. Debris From the Surroundings**

There is dust and dirt in the environment around your work area. You will not realize the issues until you come across a mechanical keyboard stuck key. On a mechanical keyboard, sticky keys can result from dust particles accumulating inside the switches, which results in symptoms such as repeated keystrokes or sticky keys.

**2. Food Crumbs and Beverages**

While at work, we enjoy eating and drinking. Crumbs and liquid spills on the keyboard can cause some of the keys to become sticky as they accumulate. Keeping a safe distance between the keyboard and your food can help prevent sticky keys on a mechanical keyboard.

**How can I fix sticky keys on my mechanical keyboard?**

The type and extent of stickiness of the keyboard can affect the manner in which you address a stuck key on a mechanical keyboard or any other type of keyboard.

**Method 1: Shake your keyboard**

The keyboard should be unplugged and shaken vigorously. Be sure to shake off the keyboard without damaging it after you have turned it upside down.

Holding it at an angle with the floor and shaking it would be advisable. You can shake it to make the crumbs and debris fall to the ground. If there are any extra crumbs, you may want to use a brush to remove them. By brushing off the trash on the keyboard, you can remove it.

**Method 2: Using canned air to blow out the switch**

Sticky keys can be caused by dust or debris on the switch itself on a mechanical keyboard. If this happens, it can cause a malfunction of the slider or spring mechanisms. The up and down motion of the mechanical switch can allow food particles or other elements to enter the switch, although this may be rare.

Compressed air or canned air are excellent options for removing any gunk from blocking the keyboard activator. It is possible that you will need to disassemble the keyboard and remove all the debris in its entirety if this does not fix the problem.

**Method 3: Clean the debri from the switch by removing the keycaps**

In the event that the above method doesn't work, you will need to turn to more advanced methods. You will have to remove the switch or remove it completely. Of course, it may not be the right option to go with if you do not have the requisite tools. That is one of the advanced ways to fix sticky keys on a mechanical keyboard.

Remove the affected keycaps from the keyboard and hold it vertically. Hold the keyboard perpendicular to the ground and parallel to the can of air. If there is debris on the keyboard or the switch, press the key switch halfway and use compressed air to remove it.

It's best to hold the can vertically so that the liquid doesn't come out and damage the keyboard mechanism. Hold the key switch slightly pressed while blasting the canned air for a few seconds. The gunk on the switch should be removed instantly. You may want to hold off on blowing more air if it does not come out immediately.

**Method 4: Disconnect the switch**

The method can only be used if you have the necessary knowledge and tools to accomplish the task. You will find it one of the most challenging tasks if you don't have the right tools or expertise.

Among the components of your keyboard's switch are a spring, a slider, and an electric switch. Some keyboards have the switches mounted on the PCB, while others may have them on the plate. They can be difficult to remove and clean. Doing so can be tedious, difficult, and extremely cumbersome. Moreover, you may damage the switch or even the keyboard.

**How do I clean a mechanical keyboard?**

It can be difficult to clean and maintain a mechanical keyboard. Not only can not cleaning the keyboard cause issues such as sticky keys, but it can also harbor bacteria, viruses, and other germs.

**The best cleaning solutions for mechanical keyboards**

You should be very careful when choosing a cleaning solution for your mechanical keyboard. You can find out how to clean a mechanical keyboard by first understanding the keyboard solutions.

**Here are some of the best keyboard cleaning solutions:**

* The mixture of isopropyl alcohol and water. The solution should be diluted to 30% alcohol.
* The mixture of mild detergent and water. Ensure that the solution does not leave a residue.

It is possible for the keyboard to get external contaminants that can further damage the keyboard and make it sticky. There are many contaminants on the keyboard, such as dust, dirt, soda, food, hair, and office supplies. Cleaning a mechanical keyboard can prove useful - not only in improving punctuality, but also in keeping the keyboard clean.

**How to Remove Keyboard Keys Safely?**

Well, if you want to remove a key from the keyboard, you will need to be careful enough. You may need to follow a few precautions before you can learn how to safely remove keys from a keyboard.

**Make sure you have disconnected your keyboard from your computer before you begin. Then, follow these steps:**

* You need to press the key in front of the key you want to remove. You can remove the key slowly by using a flat object.
* Turn the flat object slowly and push it down until the key pops out
* When pulling the key out, make sure you are not exerting too much pressure.

Here's how to remove a key from a keyboard safely without damaging the keyboard or adjacent keys.