



Hi

Hello! How can I assist you today?

I have windows 11 and linux I want to reset the windows and I dont want the grub to be removed

When resetting Windows 11 in a dual-boot system with Linux, the Windows reset process may overwrite the bootloader, which can remove or interfere with the GRUB bootloader that manages Linux boot. To avoid losing GRUB when resetting Windows 11, consider these key points:

- Before the reset, ensure you have a Linux Live USB or rescue media ready, so you can restore GRUB if it's overwritten. Windows reset typically replaces GRUB with the Windows bootloader, removing the Linux boot option.
- After resetting Windows, if GRUB is missing, it can be restored using a Linux Live environment by reinstalling GRUB with commands like `grub-install` and `update-grub` targeted at your Linux partition.
- Alternatively, checking BIOS/UEFI boot order before and after the reset to ensure the Linux bootloader remains prioritized can prevent Windows from automatically booting and bypassing GRUB.
- Disabling Windows fast startup before the reset reduces potential interference with the bootloader.
- Some users suggest setting the Linux disk as primary boot device in BIOS/UEFI, so the GRUB loader controls the boot process, even if Windows modifies its own bootloader.

In summary, resetting Windows 11 alone tends to remove GRUB, but if you are prepared to restore GRUB using a Linux Live USB afterward, the dual boot can be recovered without data loss on Linux. Carefully manage BIOS boot priorities and be ready to reinstall GRUB if needed.^[1]
^[2] ^[3]

If preferred, detailed steps for restoring GRUB after a Windows reset or installation are available, including mounting the Linux partition and running `sudo grub-install` commands from a Live environment. Would you like step-by-step instructions for restoring GRUB after resetting Windows?^[4] ^[1]

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1. <https://pq.hosting/en/help/restoring-grub-after-installing-windows-10>

2. https://www.reddit.com/r/linux4noobs/comments/w6qtrx/will_the_windows_11_update_break_dual_boot/

3. <https://discussion.fedoraproject.org/t/repair-reinstall-grub-after-windows-11-update-dual-boot-fedora-f39/113155>
4. <https://www.cybrary.it/blog/restoring-grub-installing-windows>
5. [https://learn.microsoft.com/en-us/answers/questions/4166685/\(solved\)-accidentally-deleted-windows-11-microsoft?forum=windows-all](https://learn.microsoft.com/en-us/answers/questions/4166685/(solved)-accidentally-deleted-windows-11-microsoft?forum=windows-all)
6. https://www.reddit.com/r/linuxmint/comments/1fmn07i/reinstalling_windows_wiped_my_grub_but_now_i_cant/
7. <https://learn.microsoft.com/en-us/answers/questions/3957734/why-isnt-my-windows-booting-after-dual-booting-lin>
8. <https://forum.manjaro.org/t/remove-grub-and-revert-to-windows-bootloader/103716>
9. <https://www.youtube.com/watch?v=PVxDttc2z-I>
10. <https://learn.microsoft.com/en-us/answers/questions/4115492/i-deleted-a-partition-from-windows-11-that-had-lin>
11. <https://learn.microsoft.com/en-us/answers/questions/2796971/how-to-restore-windows-bootloader-from-grub?forum=windows-all>
12. https://wiki.archlinux.org/title/Dual_boot_with_Windows
13. <https://discourse.ubuntu.com/t/grub-install-issues-on-laptop-with-win11/52702>
14. https://www.reddit.com/r/linuxmint/comments/1hawohz/how_to_restore_window_11_bootloader_no_longer/
15. https://www.youtube.com/watch?v=l_1fk15QQ_M
16. <https://www.youtube.com/watch?v=KWVte9WGxGE>
17. <https://forum.endeavouros.com/t/no-grub-after-windows-10-install-how-to-recover/45977>
18. <https://www.onlogic.com/blog/how-to-dual-boot-windows-11-and-linux/>