**SOFTWARE** 

## MACBOOK TOUCHBAR FLICKERING

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The touchbar is a nice feature of the Macbook when used as multimedia machine because it could be <u>individually programmed</u>. Unfortunately it has been abandoned may for reasons unknown to us. At least it <u>starts now flickering</u> at random intervals in my 2019 Macbook Pro. And nothing helps in the long-term

- resetting SMC
- restting NVRAM, PRAM
- terminal kill touchbar
- terminal kill control strip
- pmset hibernate mode
- upgrade to Sonoma

while only kill touchbar disables it immediately . Could it be a combined hardware / software issue?

- a slowly expanding battery moving the keyboard lid?
- some defect of the light sensor?
- a defect when starting the OLED display?

While I can't fully exclude a minimal battery expansion after 200 cycles, the battery is still marked as OK in the system report. The flickering can be stopped by a bright light at the camera hole on top of the display so the second option is also unlikely.

With the <u>Medium hack i</u>t is gone during daytime but still occurs sometimes during sleep which is annoying. It seems that even the dedicated <u>Hide My Bar</u> app is only an user-level application that doesn't have the permissions needed to disable the Touch Bar in lock screen.

Completely <u>disabling</u> the touchbar will not possible as there is no other ESC key. The touchbar there may need <u>replacement</u> as recommended by Apple or just tape on top of it.

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