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n't Suspend After Lid is Closed on Ubuntu

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Suspend After Lid buntu Linux

hishek Prakash — 39 Comments

*Brief: You close the lid of you
going into suspend mode? 1
Ubuntu suspend when the lid*

One of the ways to save batter

the suspend mode. I prefer to link with the lid action of my laptop. If I

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Ok, got it!

However, there are several users who are facing issues with suspend behavior when the lid of the laptop is closed. Ubuntu simply keeps on running without bothering about going in suspend mode.

There is a confirmed bug on this issue starting Ubuntu 16.04. Unfortunately, this bug has not been fixed even after more than a year.

While I cannot fix the bug, I can surely suggest you a couple of ways so that Ubuntu goes to suspend mode after the lid is closed. Let's see how to do that.

Fixing Ubuntu won't suspend when laptop lid is closed

I do hope that these fixes work for everyone but it's not a guarantee because the bug is hardware dependent and though the workaround works for most laptop models, there are surely a few exceptions.

Let's start working on it.

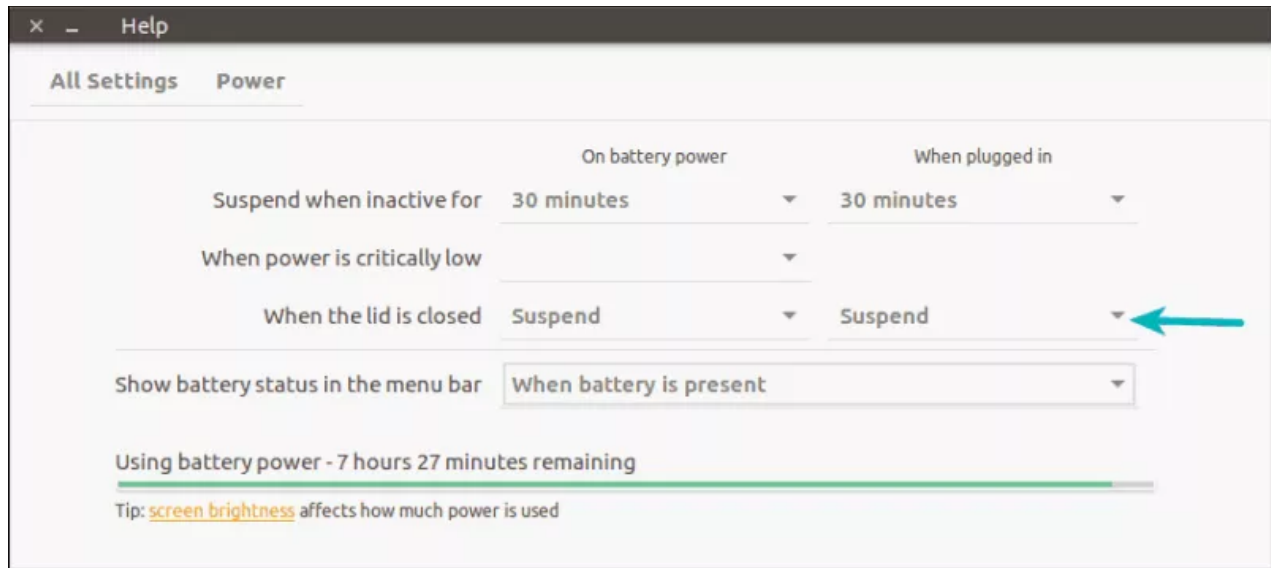
Make sure to enable suspend for lid close action

This is a no-brainer. You must make sure that you have the correct

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Ok, got it!

Go to System Settings and then click on Power. In the power setting, make sure that option for 'When the lid is closed' is set to Suspend.



If you had a different setting here, you should check if you are able to suspend Ubuntu by closing the lid. If not, then follow the workaround in the next section.

Workaround to make Ubuntu suspend when laptop lid is closed

First, ensure that you have `pm-utils` installed on your system. `pm-utils` is a collection of scripts that handle suspend and resume. Ubuntu should already have it but no harm in verifying it.

```
sudo apt install pm-utils
```

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Ok, got it!

After that, we need to edit the `logind.conf` file of `systemd`. This file usually contains the entries that are used by default by `systemd`. However, all the entries are commented out here. If you change the settings in this file, it will take precedence over the `systemd` default settings.

It's always a good idea to make a backup of configuration files before changing them. Use this command:

```
sudo cp /etc/systemd/logind.conf /etc/systemd/logind.conf.bak
```

And after that, install `gksu` so that you can open a graphical application (`gedit` in this case) from the terminal. You can also use a `terminal based text editor` like `Vim` if you are comfortable with that.

```
sudo apt install gksu && gksudo gedit /etc/systemd/logind.conf
```

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Ok, got it!

```
#NAutoVTs=6
#ReserveVT=6
#KillUserProcesses=no
#KillOnlyUsers=
#KillExcludeUsers=root
#InhibitDelayMaxSec=5
#HandlePowerKey=poweroff
#HandleSuspendKey=suspend
#HandleHibernateKey=hibernate
#HandleLidSwitch=suspend
#HandleLidSwitchDocked=ignore
#PowerKeyIgnoreInhibited=no
#SuspendKeyIgnoreInhibited=no
#HibernateKeyIgnoreInhibited=no
#LidSwitchIgnoreInhibited=yes
#HoldoffTimeoutSec=30s
#IdleAction=ignore
#IdleActionSec=30min
#RuntimeDirectorySize=10%
#RemoveIPC=yes
#UserTasksMax=12288
```

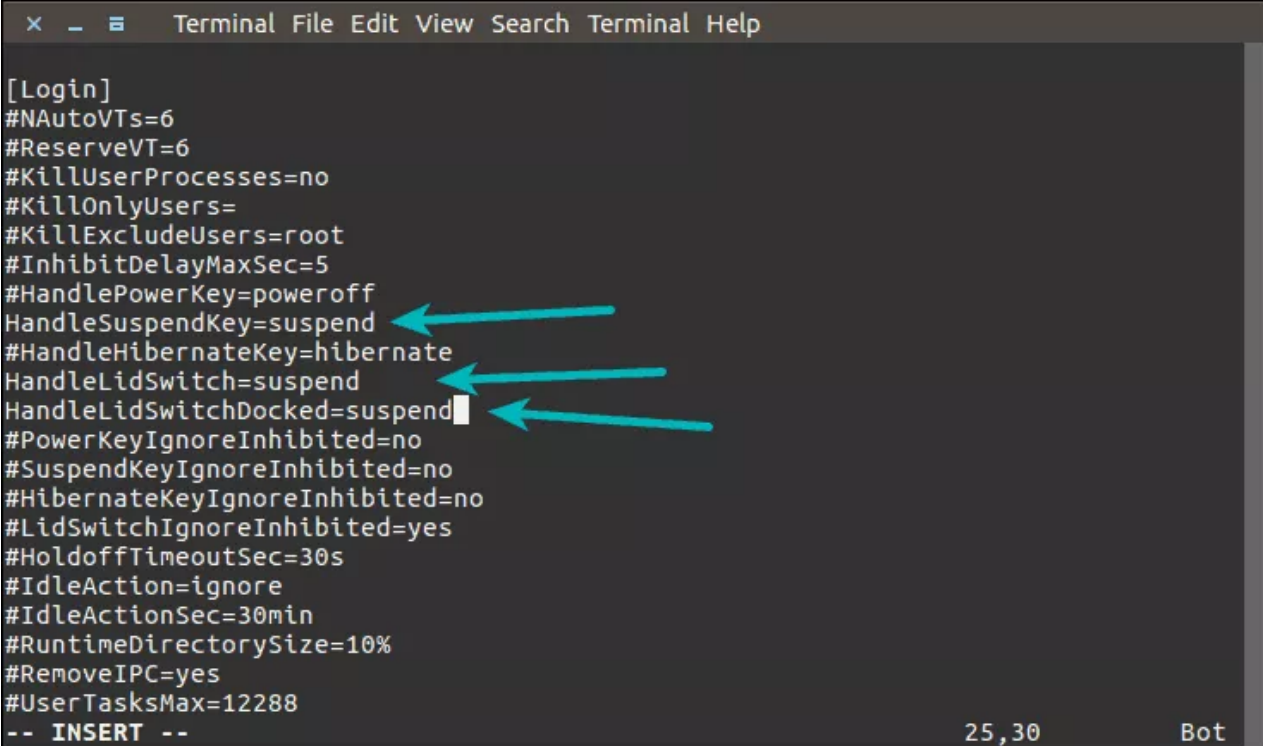
What you have to do is to remove the # from some of the lines and change it's value to:

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Ok, got it!

```
HandleLidSwitch=suspend
```

```
HandleLidSwitchDocked=suspend
```



```
Terminal File Edit View Search Terminal Help

[Login]
#NAutoVTs=6
#ReserveVT=6
#KillUserProcesses=no
#KillOnlyUsers=
#KillExcludeUsers=root
#InhibitDelayMaxSec=5
#HandlePowerKey=poweroff
HandleSuspendKey=suspend
#HandleHibernateKey=hibernate
HandleLidSwitch=suspend
HandleLidSwitchDocked=suspend
#PowerKeyIgnoreInhibited=no
#SuspendKeyIgnoreInhibited=no
#HibernateKeyIgnoreInhibited=no
#LidSwitchIgnoreInhibited=yes
#HoldoffTimeoutSec=30s
#IdleAction=ignore
#IdleActionSec=30min
#RuntimeDirectorySize=10%
#RemoveIPC=yes
#UserTasksMax=12288
-- INSERT --
```

Save your changes and restart your system. Now check if your system goes to suspend mode when the lid is closed.

If not, you can also try changing the below line (though I am not sure if that makes a difference):

```
HandleHibernateKey=suspend
```

I hope this helps you to fix the annoying issue of Ubuntu not suspending

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Ok, got it!

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About Abhishek Prakash

I am a professional software developer, and founder of *It's FOSS*. I am an avid Linux lover and open source enthusiast. I use Ubuntu and believe in sharing knowledge. Apart from Linux, I love classic detective mysteries. I'm a huge fan of Agatha Christie's work.

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