

Fix the screen auto-rotate issue on Windows 10

If you're experiencing issues with automatic screen rotation on Windows 10 not working or not working properly, please refer to the article below from TipsMake to find out the cause and how to fix the problem.

On Windows 10 tablets and other devices, users can control the motion sensor to automatically rotate the screen horizontally or vertically as desired.

However, sometimes the automatic screen rotation option on your computer or tablet may stop working or malfunction. This article from TipsMake will guide you on how to fix the automatic screen rotation error on Windows 10.



Fix the screen auto-rotate issue on Windows 10

Method 1: Disconnect peripheral devices.

If you're using a 2-in-1 device like the Surface Pro, accessories such as keyboards or docks that are detachable could be the cause of the screen rotating automatically.

To check if accessories are causing the screen rotation to malfunction, follow these steps:

1. Disconnect the keyboard, dock, or external display.
2. Change the orientation of the device to see if the screen rotates automatically.

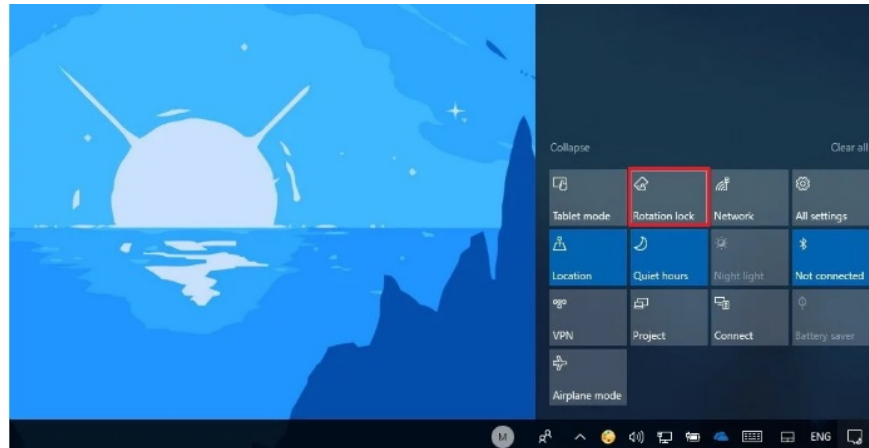
Method 2: Check the screen rotation settings.

It's likely you accidentally activated the screen rotation lock option to prevent your device from rotating the screen without remembering. Follow the steps below:

Step 1: Press **Windows + A** to open Action Center.

Step 2 : Click **the Expand button.**

Step 3 : Click the **Rotation lock** button to turn it off.



Tip : You can also control this option in the Scale and layout section under **Settings => System => Display .**

Step 4 : Change the device orientation to see if the screen rotates automatically.

On certain devices, such as the Microsoft Surface Pro, Windows 10 will lock screen rotation and disable the Rotation lock option when an external keyboard is connected. However, folding the keyboard or closing the device unlocks it, and the screen will rotate again.

Method 3: Run the Troubleshooter

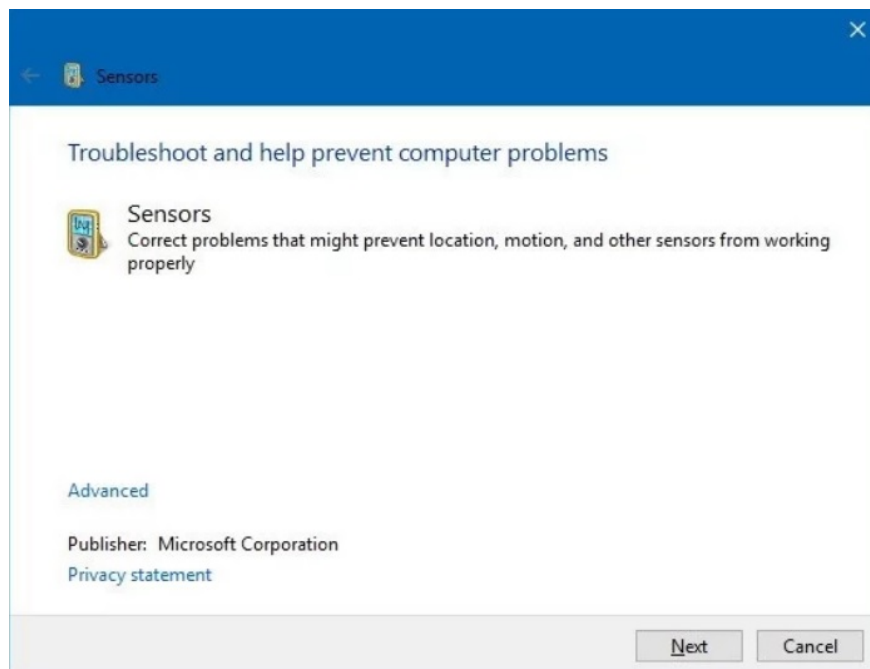
If the above methods don't work and the screen still won't rotate, the next solution is to use the Sensors Troubleshooter to fix the problem.

Step 1: Download and install Sensors Troubleshooter.

Download and install **Sensors Troubleshooter from here.**

Step 2: Double-click **SensorDiagnosticTablet.diagcab** to run it.

Step 3: Click **the Next button.**



Step 4 : The utility will scan, detect, and fix common sensor problems on your computer, including motion sensors.

Step 5 : Click **the Close button**.

Finally, after the process is complete, try changing the device's orientation to see if the screen rotates automatically.

Method 4: Update the motion sensor driver.

Although rare, the culprit behind the screen auto-rotation issue on Windows 10 could be a driver problem. In this case, the solution is to try updating the sensor driver and see if the problem persists.

Method 5: Fix the issue where the automatic screen rotation option turns gray.

If you've tried all the above methods and they still don't work, and the auto-rotate screen option turns gray even when the keyboard, dock, or external monitor is disconnected, follow the steps below to fix the problem:

Warning: Improperly tweaking the Registry can be risky for your system, so TipsMake recommends backing up your entire computer before proceeding to avoid potential problems.

Step 1 : Press **Windows + R** to open the Run command window.

Step 2: Type **regedit** into the field and press Enter or click OK to open the Registry.

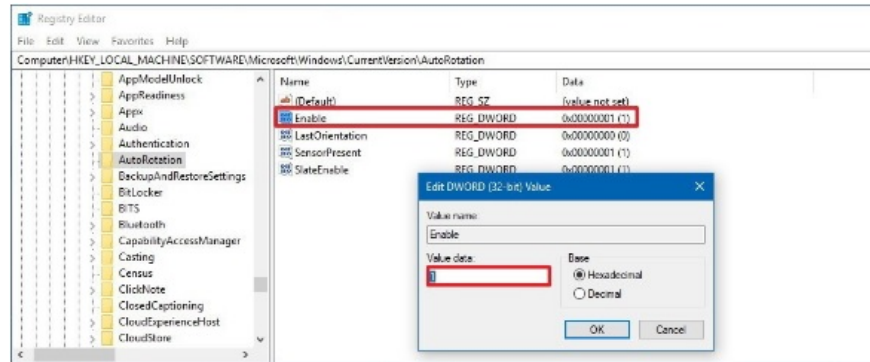
Step 3: In the registry window, navigate to the following path:

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\AutoRotation

Tip: On Windows 10 Creators Update and later versions, you can copy and paste the path into the Registry address bar for quick access.

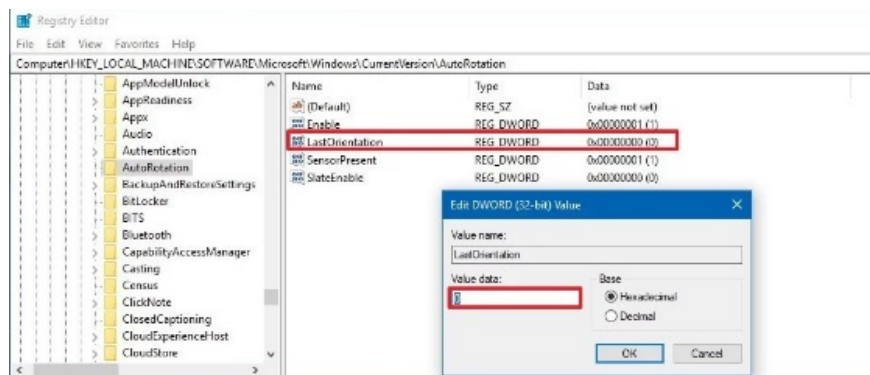
Step 4: Double-click on **DWORD Enable** and set its value to **1**.

Step 5: Click **OK**.



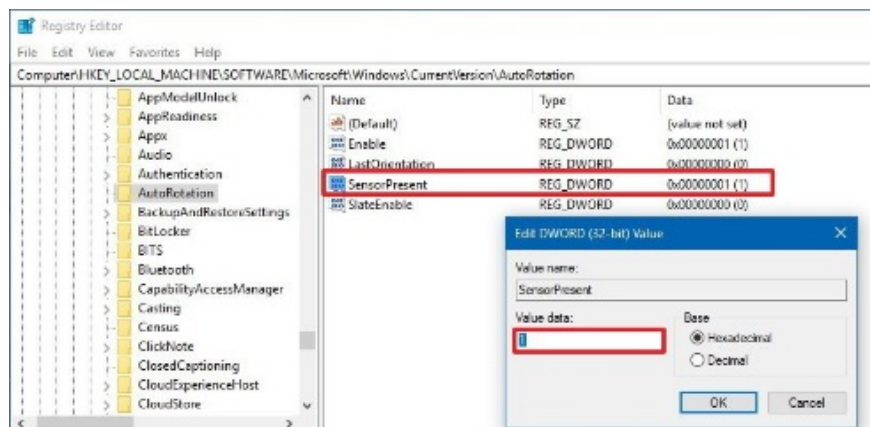
Step 6 : Double-click on **the DWORD LastOrientation** and set its value to **0**.

Step 7 : Click **OK**.



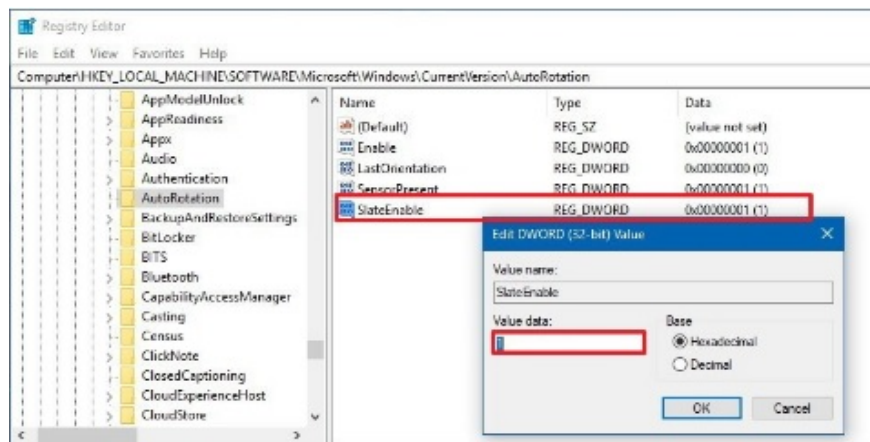
Step 8 : Double-click on the **SensorPresent t DWORD** and set its value to **0**.

Step 9 : Click **OK**.



Step 10 : Double-click on **the DWORD SlateEnable** and set its value to **1** .

Step 11 : Click **OK**.



After completing these steps, restart your Windows 10 device and check if the screen rotates automatically.

If any DWORD is missing from the AutoRotation key, we will have to create it manually:

Step 1: In the Registry window, right-click and select the **AutoRation** key => **New** => **DWORD (32-bit) Value**

Step 2: Enter the name of the missing key and press **Enter**.

Step 3 : Double-click the newly created DWORD key and set the DWORD value as mentioned in steps 4, 6, 8, and 10 of TipsMake's instructions above, depending on the key you are creating.

The article above from TipsMake has just guided you through some ways to fix the issue of the Windows 10 screen rotation not working or not working correctly. If you encounter the problem of your computer screen being inverted, please refer to the method for **fixing a 180-degree inverted computer screen** here. If you have any questions or need clarification, please leave your comments in the section below the article.

If you want to rotate your screen on Windows 11 for convenience in your work, please refer to this article for easy screen rotation instructions.

You finished reading the article "**Fix the screen auto-rotate issue on Windows 10**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.