

8 ways to fix Microsoft Visual C++ installation error 0x80240017 on Windows

Microsoft Visual C++ programs are one of the important components of Windows devices. These packages ensure that the system works smoothly without any problems.

So you should update these packages whenever you face various system related problems. However, you may often encounter error code 0x80240017 while trying to update or install Microsoft Visual C++ programs.

Now let's check how you can handle error code 0x80240017.

1. Quick fixes for Microsoft Visual C++ installation errors 0x80240017



Quick fixes for Microsoft Visual C++ installation errors 0x80240017 can be applied
Here are some quick fixes for this problem:

1. **Restart the device** : One of the simplest solutions is to restart your PC immediately when you get this error.
2. **Application Update** : Some applications on your device may cause Microsoft Visual C++ installation error 0x80240017. So updating those software programs can help solve this problem.
3. **PC Cleanup** : Sometimes, performing a simple drive cleanup can help get rid of the system issues that are causing this error.

If none of them work, it's time to dig deeper into other solutions.

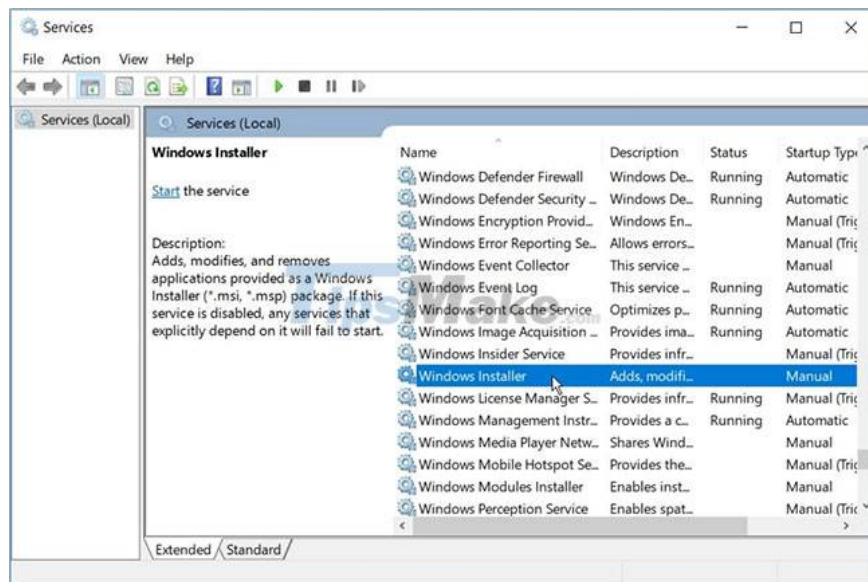
2. Enable the Windows Installer service

Since this is an installation error, the main problem could come from the Windows Installer service. For example, the Windows Installer service can be disabled. So let's see how you can enable this service to solve the problem:

Step 1: Press **Win + R** to open the Run command dialog box.

Step 2: Type **services.msc** and press Enter to open the **Services** window .

Step 3: Find the **Windows Installer** option and double-click it.



Next, follow these steps to complete the process:

Step 1: Click the **Startup type** drop-down menu and select **Manual**.

Step 2: Click the **Start** button to activate the service.

Step 3: Finally, click **Apply > OK** , then restart the device to save these changes.

3. Re-register the Windows Installer service

Re-registering the Windows Installer service may also help resolve the issue. So, check out how you can re-register the Windows Installer service via Command Prompt:

Step 1: Press **Win + R** to open the **Run** command dialog box .

Step 2: Type **CMD** and press **Ctrl + Shift + Enter** to open Command Prompt with admin rights.

Step 3: Type the following command and press **Enter** to temporarily disable the Windows Installer service:

```
msiexec /unreg
```

When the process is complete, re-register the Windows Installer service by following these steps:

Step 1: Open Command Prompt according to the previous steps.

Step 2: Type the following command and press **Enter** to re-register the Windows Installer service:

```
msiexec /regserver
```

Wait for the process to complete and then reboot the device to save these changes.

4. Install Microsoft Visual C++ Programs in Safe Mode

You can also solve this problem by installing Microsoft Visual C++ Programs in Safe Mode. Here's how to do it:

Step 1: Press **Win + I** to open System Settings.

Step 2: Select **Update & Security** from the options.

Step 3: Next, select the **Recovery** option on the left pane.

Step 4: Click the **Restart Now** button in the **Advanced Startup** option .



On the Recovery Environment window , navigate to **Advanced options > Startup Settings** and then click **Restart**. Finally, click the **F4** key to boot your device in Safe Mode. From there, try to install Microsoft Visual C++ Programs and see if this resolves the issue.

5. Use Microsoft Program Install and Uninstall troubleshooter

Failure to install Microsoft Visual C++ can be caused by a corrupted registry key. In this case, the Microsoft Program Install and Uninstall troubleshooter can solve the problem.

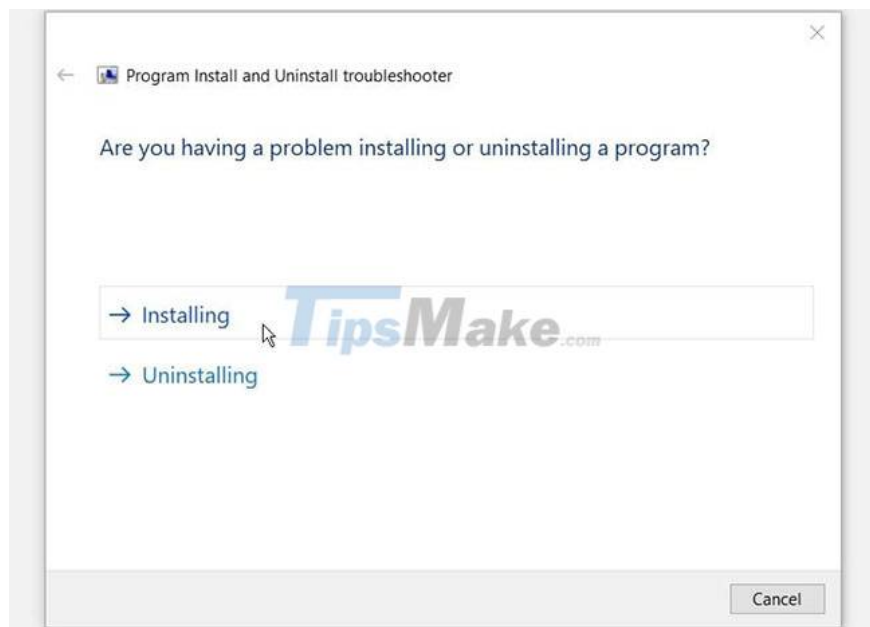
The Microsoft Program Install and Uninstall troubleshooter will scan and repair corrupted registry keys. In addition, this tool will also help eliminate other problems that may interrupt your installation.

Here is how you can use Microsoft Program Install and Uninstall troubleshooter to solve this problem:

Step 1: Download the Program Install and Uninstall troubleshooter from the Microsoft website.

Step 2: Open the troubleshooter and click the **Next** button to continue.

Step 3: Select the **Installing** option .



Step 4: Next, select Microsoft Visual C++ programs from the list of applications and then click **Next**. If you can't find these programs in the list, click the Not listed option and then search for the programs manually. Follow the steps on the screen to complete the process.

6. Delete redundant files in temporary folder

As you use your Windows device, the system regularly creates temporary files that hold information for certain tasks. When those tasks are complete, temporary files become redundant and consume disk space. In addition, these temporary files can cause various system problems like the one you are currently experiencing.

So you can solve this problem by deleting temporary files. Here's how to do it:

Step 1: Press **Win + R** to open the **Run** command dialog box .

Step 2: Type **CMD** and press **Shift + Ctrl + Enter** to open Command Prompt with admin rights.

Step 3: Type the following command and press **Enter** to delete the temporary files:

```
del /q /f /s %temp%*
```

```
Administrator: C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.17134.1069]
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C:\WINDOWS\system32>del /q /f /s %temp%*
Deleted file - C:\Users\Admin\AppData\Local\Temp\007e0e09-8ab0-4aab-a677-1391f3b37ea1.tmp
Deleted file - C:\Users\Admin\AppData\Local\Temp\0316e1fb-4ad3-44bd-8aa1-c8cb84b72ee.tmp
Deleted file - C:\Users\Admin\AppData\Local\Temp\050c4935-941e-437f-af3c-feb97119b165.tmp
Deleted file - C:\Users\Admin\AppData\Local\Temp\05da9830-5750-479e-9aa7-99eda22bdc66.tmp
Deleted file - C:\Users\Admin\AppData\Local\Temp\06ff3768-4d18-4063-9f2e-afd7d43267d7.tmp
Deleted file - C:\Users\Admin\AppData\Local\Temp\0894dd19-abf8-4373-90d6-49ee3abb92e1.tmp.css
Deleted file - C:\Users\Admin\AppData\Local\Temp\08d37701-00ba-44ae-a3fe-fbc42ce243a5.tmp.node
Deleted file - C:\Users\Admin\AppData\Local\Temp\0a2f87e6-ec66-4a26-8d30-cbde13109193.tmp
```

7. Repair corrupted system files

In most cases, installation errors like this one are caused by corrupted system files. To solve the problem, you can repair or replace damaged system files with DISM and SFC tools.

8. Device recovery



You can resolve most system problems using the Windows restore point tool. This feature handles Windows errors by undoing recent changes on the PC. Therefore, the tool can eliminate errors that are currently preventing you from installing Microsoft Visual C++ programs.

If you've created a restore point on your device, here's how you can use it to fix this problem.

Next, go ahead and try downloading the Microsoft Visual C++ programs again.

When Microsoft Visual C++ programs are missing or damaged, you need to update or reinstall these packages. Doing this will ensure that your device works smoothly. But if you are having trouble installing these programs, try any of the solutions mentioned in the article.

You finished reading the article "**8 ways to fix Microsoft Visual C++ installation error 0x80240017 on Windows**" 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.