

Repair Up to 32 Major Windows Errors Using a Single Tool

Using the information given in this article you will be able to:

- ✓ Create a restore point to protect your system against damage,
- ✓ Repair up to 32 different errors with just one mouse click,
- ✓ Select and correct a specific Windows problem.

No Windows system is error-free! Most people are content to simply tolerate minor Windows bugs, because they don't have the time to hunt for the cause of the error. But small bugs can quickly spiral out of control, so it is important you deal with them fast. There are many tools on the market that claim to help you fix errors, but lots of them are expensive and don't actually work.

In my PC workshop, I use the Windows Repair tool. You can use this tool to look for errors, correct problematic settings and configure Windows to be more stable. And the best thing is that this tool is completely free.

In this article, I'll show you which errors Windows Repair can solve and how to successfully use this tool in practice.

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Perform a Professional Error Check on Your Windows System

Check for the causes of an error

Your system runs perfectly for months, but suddenly Windows reports an error. The many years I've spent supporting Windows users tells me that most don't react in the right way when this happens: instead of searching for the cause of the error, they normally start trying to restore their system.

The solution: Windows Repair

In my PC workshop, I use the Windows Repair tool from Tweaking.com. It can solve up to 32 Windows errors from correcting automatic update errors to fixing file allocations. The tool is very easy to use, and I'll show you how to use the most important features in the following pages.

Download the Windows Repair tool from the Downloads area of the Windows Advisor website, www.windowsadvisor.co.uk.

Unpack the file and get started

Unpack the Windows Repair.zip file to a folder of your choice. Open the folder and launch the tool by double-clicking on the Repair_Windows.exe file.



The tool doesn't even need to be installed on your PC in order to work. You can simply copy it to a USB flash drive, so that you always have it handy, then you can run it on a friend's PC if you need to help them solve a Windows error.

How Windows Repair works

Windows Repair repairs up to 32 errors, both major problems and simple fixes. During the repair process, Windows Repair can recover the default Windows configuration or correct faulty settings.

When you come across a problem with your Windows system, simply run this tool to apply a range of automatic repairs. In a lot of cases this will fix your problem without you having to delve any deeper into the system.

Important: Create a System Restore Point Before Applying Any Fixes

Windows automatically creates System Restore points once a day, but it is always a good idea to create an additional restore point prior to making any significant changes to your system.

You can create a restore point before you apply a repair, as outlined below:

1. Press **⊞** + **X** and select **Control Panel** from the pop-up menu in Windows 10/8.1, or click on **Start > Control Panel** in Windows 7. If you have the Creators Update installed on Windows 10, press **⊞** + **R**, type **control** and click **OK**.
2. Set the **View** by drop-down list in the top right-hand corner to **Large icons**.
3. Click on **System**.
4. Click on the **System protection** link. A properties window will open, allowing you to then configure System Restore.
5. Select your **C: drive** if you have more than one hard drive installation on your system.
6. Click the **Create** button and follow the steps on screen to create your restore point. Enter a description for the restore point (e.g. **Prior to repair**), then click **Create** again to create the restore point.

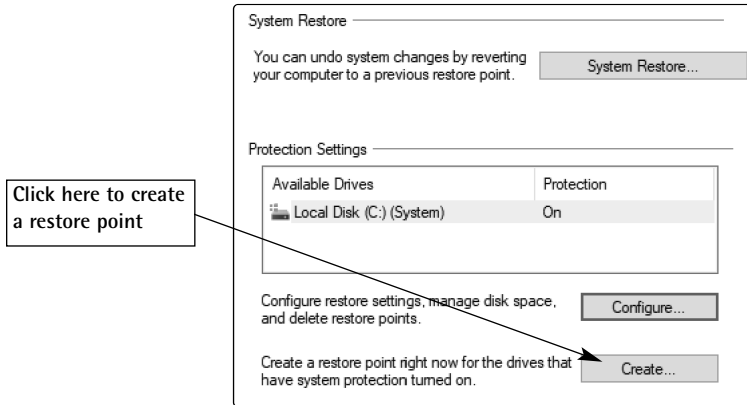
Create a System Restore Point



Procedure

Open System protection

You will find additional information about using System Restore in article [S 395 – System Restore Made Easy](#).



Better safe than sorry: create a restore point prior to making any changes to your system

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Use Windows Repair to Quickly Fix Your System

Launch Windows Repair

You can solve numerous PC problems using Windows Repair, including faults with Windows Update, Internet Explorer, the registry and your Windows Firewall. Launch Windows Repair by clicking onto the `Repair_Windows.exe` file.

Step 1: Important tab

After briefly analysing your system, the program will show the welcome screen with the **Step 1: (Important)** tab.

The **Step 1** to **Step 4** tabs give you access to important backup and scanning tools that you should definitely run before you make any changes to your system. Once you are done, you can apply the actual repairs from the **Step 5** tab.



The information on the first tab covers probably one of the most effective quick repair steps – the re-boot.

A re-boot works wonders

Before you begin applying extensive repairs on your PC, try to correct the problem as follows:

1. Shut down your computer.
2. Remove the power cable or take out the battery if you have a laptop.
3. Wait for 5 minutes and then reattach the power cable or the laptop battery pack.
4. Re-boot your computer and check if the problem has been resolved.



Additional Repair Options in Windows Repair

On the second tab, **Step 2: (Optional)**, you will see a recommendation asking you to check your system for viruses before beginning to repair Windows. If your PC has been infected with a virus, you should make sure that the infection has been completely removed before you use Windows Repair to fix your damaged files.

**Step 2:
Optional tab**

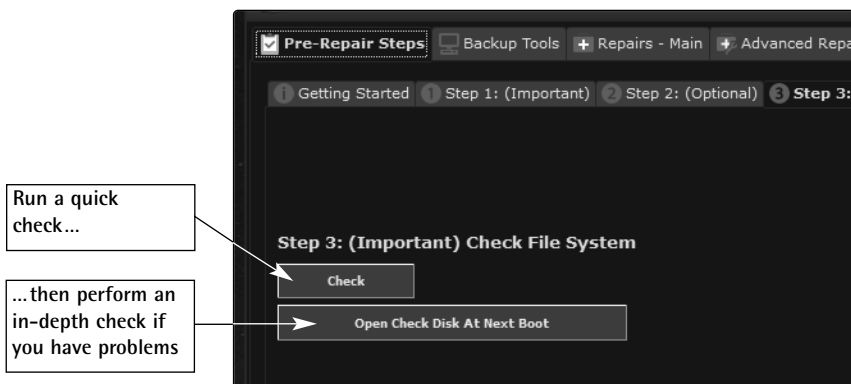
In article **V 505 - Virus Security in Windows 10/8.1/7** you will find all of the information you need in order to clean up and remove virus and Trojan infections that manage to sneak into your PC.



**Step 3:
Important tab**

Faulty system files and faulty sectors on your hard drive are two of the most common causes of Windows error. The third tab, **Step 3: (Important)** gives you two different checks you can perform:

- **Check:** the tool runs an immediate check to discover if an advanced scan is required. Click on **Check**. At the end of the check, you will see the message telling you that no errors have been found on the drive if no problems have been found.
- **Open Check Disk At Next Boot:** If there are problems, click on this button. After a re-boot, the tool will run a complete hard drive check and will repair any errors found in the file system.



Deal with hard drive errors before repairing your PC

**Step 4:
Optional tab**

On the fourth tab, Windows Repair allows you to run the SFC (System File Checker) tool. Faulty system files often cause problems on Windows. You can repair your system files using SFC, which will check all of your essential Windows components and replace them with original copies if they are corrupt.

SFC checks the most important system directories and particular file types (386, COM, DLL, DRV, EXE, HLP, INF, MPD, OCX, SCR, SYS and VXD).

If it finds a problematic file, it replaces it with the correct version. SFC can also extract files from the Windows CAB archives itself. Here, the Windows File Protection (WFP) helps which protects system files in two ways:

1. In the background, the computer constantly logs the details of when a system file is overwritten. The Windows File Protection feature then checks if the new system file has been digitally signed and if it is a correct Microsoft version. If that is not the case, WFP creates a backup copy of the overwritten file in the folder C:\System32\Dllcache.
2. With SFC you can check all protected files at any specific time to make sure they are correct.

What is checked...

...and how the error is repaired



WFP =
Windows File
Protection

If you want to check your system files, click on the **Do it** button. The process can take between 2 and 15 minutes, and should not be interrupted.

Click on **Do it**

Back up Your Registry and Create a Restore Point

The Windows Repair operates deep inside your Windows system. Your registry database will be checked and any errors will be repaired. To protect against accidental damage being done to your registry, you should make a registry backup first, which you can use to restore your system if necessary. To do so:

Step 5:
Back up



Backup the registry

1. Click on the **Backup Tools** tab along the top menu bar.
2. Click on **Backup** to create a registry backup.

Click here to Back up your registry

Click here to create a restore point

Back up your registry and create a System Restore point in the same step

Let's Go: Repair Your Windows System

The Repair tab

Click on the **Repairs - Main** tab in order to repair up to 32 Windows errors. Repairs are grouped into categories such as **Preset: Common Repairs** and **Preset: Malware Cleanup Repairs**. You can view the individual repairs by clicking on **Open Repairs**.

Some of the most important repair tools will:

- Reset registry and file permissions.
- Re-registers Windows system files.
- Repair WMI (Windows Management Instrumentation), Windows Firewall, Internet Explorer, MDAC & MS Jet and the host file settings.
- Repairs defective group policies.
- Repairs icons, Winsock, DNS cache and proxy settings.

The repairs can take a while to be applied. Do not do any other work on your computer while they are being run. If you receive a request from the firewall asking if Windows Repair actions should be allowed access, confirm the request.

Before applying any of the automatic repairs, make sure you go through steps 2 to 5, in particular:

- Clean any malicious software from Windows using an anti-virus program.
- Check the file system for problems.
- Check the Windows system files with SFC.
- Create a backup of your registry.

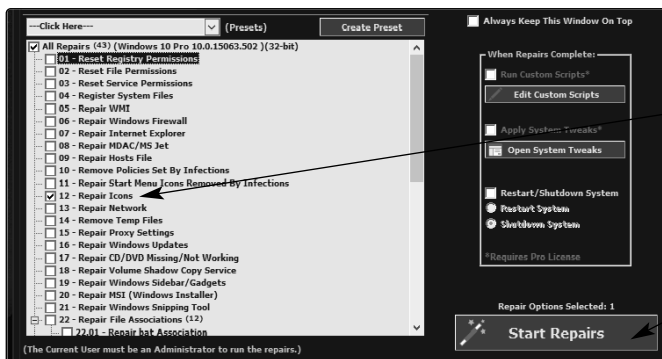
How to Apply Selective Fixes

If you would like to solve a specific Windows problem, then click on the **Open Repairs** button on the Repairs – Main tab.

Click Open Repairs

The tool will list the available repairs. Tick the repair that you would like to run. For example, if you are having problems with your firewall, select **06 – Repair Windows Firewall**.

Select repairs to apply



Select the repairs to apply...

...then click on Start Repairs

*Click on **Start Repairs** to perform the selected repairs*

I recommend the following procedure:



1. Untick the **All Repairs** option at the top of the list to untick all subsequent repairs.
2. Tick just the repairs that you want to apply.
3. Tick the option **Restart/Shutdown System** and select the **Restart System** option below that. This will automatically re-boot your system when the repairs are complete.
4. Click on **Start Repairs**.

The table below lists the different repairs you can apply:

Repair Option	Description
Reset Registry Permissions	Resets the read and write access permissions to the database back to their defaults.
Reset File Permissions	Resets the read and write access permissions to your files back to their defaults.
Reset Service Permissions	Resets the access permissions for your Windows services back to their defaults.
Register System Files	Re-registers your DLLs with Windows.
Repair WMI	Repairs WMI (Windows Management Instrumentation): run this option if you have problems accessing items from the Control Panel.
Repair Windows Firewall	Resets the firewall back to its default settings.
Repair Internet Explorer	Resets Internet Explorer back to its default settings.
Repair MDAC/MS Jet	Repairs MDAC/MS Jet (Microsoft Data Access Components). Only run this if you are having database access problems.

Repair option	Description
Repair Hosts File	Repairs the Hosts file. Recommended if you're having problems accessing certain websites.
Remove Policies Set By Infections	Resets your group policies to undo damage done by virus infections.
Repair Start Menu Icons Removed by Infection	Resets your Start menu and its icons. Recommended if you have been infected with a virus.
Repair Icons	Repairs your desktop icons.
Repair Network	Repairs the network settings and resets them back to their defaults. Recommended if you are having problems connecting to your network or Internet.
Remove Temp Files	Deletes all temporary files.
Repair Proxy Settings	Repairs the proxy settings.
Repair Windows Update	Repairs the Windows Update tool.
Repair CD/DVD Missing/Not Working	Fixes the CD or DVD drive if it stops working.
Repair Volume Shadow Copy Service	Repairs the shadow copy feature.
Repair Windows Sidebar/Gadget	Repairs the Windows Sidebar if it is no longer displayed on the desktop.
Repair MSI (Windows Installer)	Repairs the Windows Installer. This is recommended if you have problems when installing or removing software.
Repair Windows Snipping Tool	Repairs the Snipping Tool.

Repair option	Description
Repair File Association	Fixes 12 different file association problems, so that BAT files work properly, for instance.
Repair Windows Safe Mode	Fixes problems with Windows Safe Mode.
Repair Print Spooler	Repairs printing problems.
Restore Important Windows Services	Resets important Windows services to their default settings.
Set Windows Services To Default Startup	Resets the startup mode of important Windows services to their default settings.
Repair Windows 8/10 App and Store	Repairs access to the App Store.
Repair Windows 8/10 Component Store	Repairs the component feature.
Repair Windows 10 New Submenu	Repairs the new submenu on Windows 10.
Restore UAC (User Account Control) settings	Resets User Account Control to its default settings. Recommended if you encounter problems with access permissions on your system.
Repair Performance Counters	Repairs the perfmon system monitor on Windows.
Repair Recycle Bin	Repairs the Windows Recycle Bin, deleting the current contents.

Summary

Thanks to the Windows Repair tool you are no longer helpless when faced with an error message. This special program analyses important system information and immediately offers you a simple and quick way to repair your faulty settings.