

JOE'S TECH

Windows Repair Toolkit

A practical sequence for startup problems, corruption and failed updates.

Use this guide as a safe starting point. Back up important data before repairs, and disconnect power before opening a computer.

Start with the least destructive steps

- Restart once and disconnect unnecessary USB devices.
- Check free storage space and Windows Update history.
- Create or verify a backup before reset or reinstall options.

Built-in repairs

Startup Repair

Use Windows Recovery Environment when Windows repeatedly fails to boot.

System File Checker

Run `sfc /scannow` in an administrator terminal.

DISM

Run `DISM /Online /Cleanup-Image /RestoreHealth` when system files remain damaged.

System Restore

Roll back system changes while preserving personal files, when a restore point exists.

Escalation

- Try Safe Mode to remove a bad driver or application.
- Use Reset this PC only after backup and after simpler repairs fail.

When to stop

Stop and seek professional help if you smell burning, see damaged power connectors, find liquid damage, or are unsure about working around electrical components.