



DIY Computer Repair

You have the parts,
here you will find the
technical expertise to
complete your custom
PC!

DIY Computer Repair Checklist

Trouble shoot it!



Brought To You By:

Monte Russell
WebMaster

www.diy-computer-repair.com

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Introduction

Hello and welcome.

I'm very excited about this particular checklist because of the way it is beneficial to you and your search for the right computer repair.

As with any repair always read the instructions if provided first. If you don't understand the instructions read them again. Lacking understanding of some instructions will be disastrous. Not only to your data, your computer, and maybe to you personally.

**DIY Computer Repair
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Computer Repair Eight Part Checklist

- Information**
 - Find the correct information for the repair you are doing such as the manufactures web site for repair manuals
 - Searching the web for information on the repair you need to do
 - Visit Computer Repair forums
 - Check out DIY Computer Repair sites such as <http://www.diy-computer-repair.com>
- Tools**
 - Most computer repairs can be accomplished with the following tools
 - # 1 or # 2 Philips (cross point) screw driver
 - A small flat (common) tip screw driver
 - Anti-Static Wrist strap
 - Anti-Static mat (optional)
- Static Electricity**
 - **ESD (Electro Static Discharge** – static electricity will kill you new part!)
 - Using the Anit-static wrist strap attach it to the case of the computer
- Parts**
 - Always keep the new part in the anit-static envelope or package until you are ready to install it.
 - Do not destroy the old part, set it aside until you have tested the new part
 - Use care when removing old parts, you don't want to damage any other parts of the computer.
- Case**
 - Disconnect the power cord **BEFORE** opening the case
 - Have a container for small parts such as screws, retainers, etc.
- Remove**
 - Take out only the part that is being replaced, if you have to remove a component that is in the way either make a simple drawing of the location and cables or take a picture.
 - Set the bad part aside
- Replace**
 - Remove the new part from its packaging and install it.
 - Insure it is seated all the way in a slot if it is a card or memory.
 - Secure the part with any screws
 - Reconnect all cables
 - Replace any components that you had to remove to get the bad part out.
- Test**
 - Before you test the new part you may want to know the **keypress** to get in to the computer's **BIOS**. You will find this either in the user's manual or on the manufactures web site.
 - Check all your work, no extra screws or loose cables?
 - Put the cover back on the computer – this will keep you from touching anything when the computer is powered up.
 - Reconnect all external cables

- Power up the computer.
- Did it start – **Yes - Done!**
- Did it start – **NO** – Power down, disconnect the power cord, and check your work. Make sure that if it was a card that it is seated properly. Check **ALL** cards to insure they didn't come unseated when you removed the bad one.
- Check **ALL** cables to insure they are seated properly you may have bumped one while you were working on the bad part. Go back to Put cover on the computer and go through the checklist from there.



Enjoy!

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Resources

[Self Computer Repair E-Book](#)

[Build a Server Guide](#)

[Windows 7 Ultimate Guide](#)