

Repairing a Computer

Installing New Hardware

Installing new hardware is fairly simple, you check the oil level in your car engine, and if it is low you add the appropriate amount.

ESD - Electro Static Discharge - This is static electricity that is present everywhere. When you move you store up static electricity, when you touch something with less charge or more charge than your body you get a discharge of the static electricity either from you or to you. To keep from damaging components with static electricity you need to ground your body before handling them.

For a computer safety is the most important part of hardware installation.

So here is a small checklist to help you (print it out if you would like a hard copy).

- Disconnect the power cord
- If you are working in an area where access is tight I suggest you move the computer to an area where you have more room.
- Have an anti-static wrist band.
- Have an anti-static mat (optional)

Handling new components

New components come in an anti-static container.

- Envelope
- Plastic box
- Ground yourself before opening the case or packages.
- Leave the part in the package until ready to install.

Check the area where the new component will go, remove any components in the way, set aside in an anti-static environment. (on the anti-static mat or in a anti-static container).

Read the installation instructions (You experts too!)

Insure you are grounded.

Remove the new component from the package. (Now is a good time to look at the component for defects and damage)

Install the new component per the written instructions.

If you bought a component from some where and there aren't any installation instructions most components are easy to install.