

**WARNING**

- The computer must be turned off and disconnected from its power source. Failure to disconnect the power from the computer may result in personal injury.
- Remove all loose articles and jewelry before touching components inside the computer.
- **The case contains sharp edges. Use caution.**
- Ground yourself by touching the metal frame every time you remove the cover. **If you are not properly grounded, you could generate static electricity that may cause a component to fail.**
- Make sure your hands are dry before performing this task.

*Tools Required:* Phillips Screwdriver

**HINT:** Note the location of all wires, cables, or connectors before disconnecting. These wires, cables, or connectors will need to be reconnected to either the same or new devices.

**Step 1:** Turn off your computer and all peripheral devices. Disconnect the power cord from the outlet and then from the back of the computer. Disconnect all devices connected to the back of the computer (e.g. keyboard, mouse, monitor). Place the computer on an appropriate work area (a flat-level surface).

**Step 2:** Remove the screws indicated as shown in Figure 1.A. Do not lose the screws.

**Step 3:** Slide the cover toward the rear to free it from the system and lift it off until it can be removed completely (Figure 1.B). CAUTION: The case contains sharp edges.

**\*\*Ground yourself by touching the metal frame every time you remove the cover. If you are not properly grounded, you could generate static electricity that may cause a component to fail.**

**INTERNAL COMPONENTS**

**Step 4:** Locate the CPU Fan you are replacing (Figures 1.C).

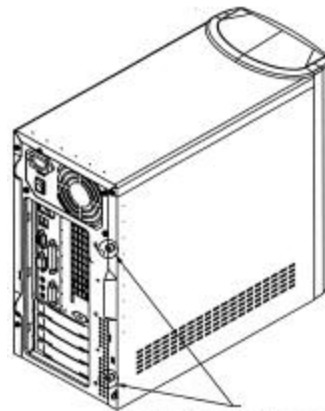


Figure 1.A

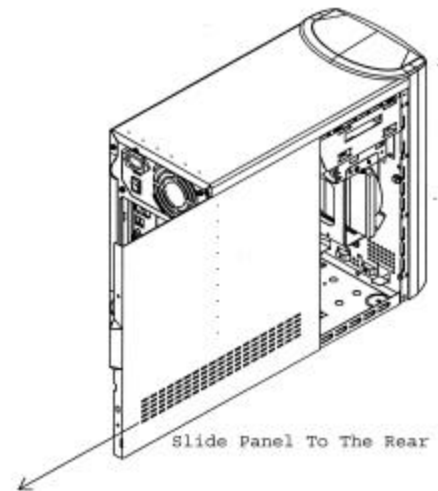
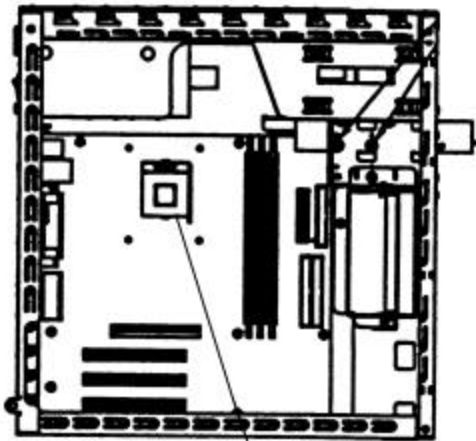


Figure 1.B

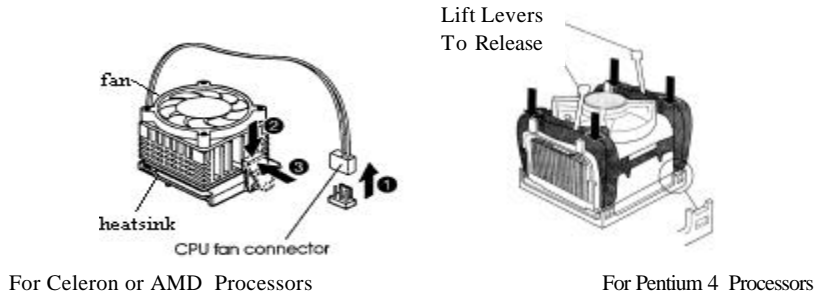


CPU Fan Location

Figure 1.C

**Step 5:** Unplug the CPU fan connector. Remove the fan with the heatsink by releasing both tabs on the heatsink that secure the heatsink to the Socket (Figures 5). Remember the location on the motherboard of the connector.

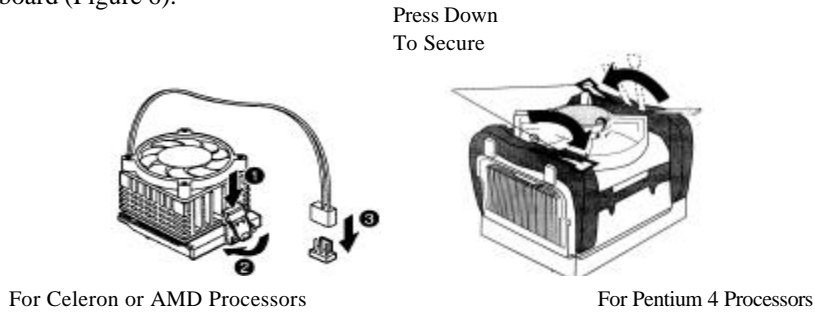
**Hint:** For ease, you can lay your computer on its side so that the motherboard is facing upwards.



**Figures 5**

**Step 6:** If your replacement CPU fan came with Thermal Compound included in the box, be sure to apply this to ONLY to the raised section on the bottom of the heat sink. Do not put the thermal compound on the entire bottom section of the heat sink, only the contact point.

**Step 7:** Attach the new fan with the heatsink to the socket and secure it with the tabs attached to the socket. Connect the CPU fan connector to the motherboard (Figure 6).



**Figures 6**

**Step 8:** Because the CPU fan is a critical component, it is advised that you power on your system, before putting the left side panel back on, to verify that the CPU fan is installed correctly and working.

**Step 9:** Slide the computer cover back into place so that the screw holes are properly aligned. Secure the cover to the case with the screws previously removed.

**Step 10:** Reconnect the computer's devices (e.g. keyboard, mouse, monitor, printer). Reconnect the power cord to the AC power receptacle. Plug the power cord to the outlet.

**Step 11:** Turn on the computer and make sure it is functioning properly. If it is not working properly, repeat the steps above and make sure all the connectors are inserted correctly. If a problem still persists, call our technical support line.

*If you need assistance with the installation of this part please call our technical support team at 801-401-1419 and follow the menu.*