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How To Install a Second Hard Drive in a Sony PC

Refer--if necessary--to the illustrations in the Sony on-line PC System Manual for instructions on how to open your computer and physically add the drive. (To access the manual: from Windows 95 desktop select Sony Folder, then Sony PC Help Library, then Sony PC System Manual. Select the Index tab and enter "hard disk drives, adding.") A second hard drive is usually added as the "Slave" drive on the primary IDE controller, with the original drive being reset as "Master."

Step-by-step instructions follow:

1. Set any necessary switches or jumpers on the drive (see the instructions that come with the drive). You will probably wish to set it to the "Slave" position.
2. Shut down your system and turn off all peripheral devices such as printers, displays, and speakers.
3. Unplug your system.
4. Remove the left side panel.
5. Remove the top panel.
6. Remove the front panel.
7. For drives that you access from the front, remove a drive bay cover from the front panel.
8. Remove the EMI shields and drive carrier from the empty drive bays.
9. For a 3.5-inch drive, use an adapter to fit the 5.25-inch drive bay.
10. Install the drive in the system.
11. Check to see that both drives have been correctly jumpered to "Master" for the original drive and "Slave" for the new drive.
12. Plug in the cables.
13. Reinstall the front panel.
14. Reinstall the top panel.
15. Reinstall the side panel.
16. Reconnect the power cord.
17. Turn on the power. Windows 95 should automatically detect all the connections and drive information. Allow at least five minutes for the system to boot the first time after installing the hard drive. When Windows completes bootup, all the drives should appear and drive letters assigned in the "My Computer" Window.

Note: Hard drives can be installed to the second IDE controller along with the CD-ROM, configuring the CD-ROM as "Master" and new hard drive as "Slave." This configuration, however, results in much longer normal bootup times for the computer. This configuration is therefore usually reserved for situations where the primary IDE controller is already full.