

## Hard Drive Format Winx

### COPY CMOS

Before formatting the hard drive made a copy of your CMOS if running WIN x.

1. Make two copies of the CMOS Floppy by placing CMOS disk into A:, click File and select Copy Disk.

Following instructions for source disk and destination disk. Make two copies.

2. Click START...PROGRAMS...MS-DOS. At C:\Windows> type cd\ to go to the C:\> then type A:\
3. At the A:\ type CMOSSAVE (space & give it a name to id the particular computer )
4. Press ENTER. You should get the message "CMOS successfully SAVED."
5. To be sure, at the A:\ type CMOSCHK (space, and the name you gave it.) ENTER. You should get the message "CMOS is OK".
6. Now to the same floppy disk copy the Autoexec.bat, the win.ini, the config.sys, and the system.ini.

### RESTORE CMOS

1. At the A:\ (with the above CMOS (name) disk in the floppy drive type dir (A:\dir)
2. A:\>CMOSREST (name)

### WIPE THE HARD DRIVE

1. A the C:\> type fdisk (c:\>fdisk) ENTER.
  2. Next screen, select #4 to see if the drive has partitions.
  3. Next screen, select #3 to Delete Logical Dos Partitions.
  4. Next screen, select #1. If it asks for volume label, type in the volume label that is shown in topline of this screen.
  5. At the A:\ type C: (A:\C:)
- If C:\ not recognized you must go back to fdisk and do #1 again. IT must recognize C:\

Using CD-ROM to install programs in computer with no CD-ROM.

1. Connect Power Supply plug to the CD-ROM. Connect extra connector on the HD to the CD-ROM with the red stripe at the 12 end of the plug. (If connecting CD-ROM to the motherboard instead of to the extra connector on the present HD, you must be sure to place red stripe same way as the HD ribbon (at the 1,2 end).
2. Put the 98 STARTUP disk into the floppy drive, select the 2<sup>nd</sup> option START WITH CD-ROM SUPPORT. It should name the CD-ROM drive, example D:
3. Copy onto paper the OEM # on the Win95 Program Disk. Put the Program disk (Win95) into the Cd-ROM. Type as follows:
4. A:\d:  
D:\>dir  
D:\>cd\win95

D:\>Win95>setup  
ENTER...ENTER  
Install should begin.

## DRIVE COPY

Disconnect Power Cord from CPU.

1. The HD(Master) that contains the info to be copied (source disk) must be made to be the SLAVE by placing it's jumper on the SLAVE pins.
2. The empty HD (destination disk) must be made to be the MASTER HD by putting its jumper on the M pins. If there is no M pins then leave the jumper off altogether.
3. Plug power from power supply to both. Plug same ribbon to both, making sure the red stripe is at the 1,2 end of the connector.
5. Plug power cord into CPU. Press Power button. As soon as screen starts, press F2 to go to SETUP. Go to Configuration.
6. Using arrow keys, go down to HARD DRIVE, press ENTER to select HARD DRIVE. It should pick the one you designated to be the Master HD as the 0. (the one to which you're copying the data)

If the Master is not listed first, then check the jumper and change the jumper on the SLAVE to make it SLAVE. If no SLAVE on the pin, remove the jumper altogether to make it the SLAVE.

7. Select the 2<sup>nd</sup> HD #1. Press ENTER...ENTER...ESC to go back to the HARD DRIVES.
8. SAVE changes to CMOS, put in Drive Copy Disk & EXIT.
9. Computer will restart and Drive Copy will start it's program.

NOTE: \*\*\*Read screen carefully in the next step to make sure you select the correct HD as source disk.

10. Select Source Disk. Click NEXT.

11. Select correct Destination Disk. Click NEXT.

NOTE:\*\*\*Do Not allow it to REBOOT here. Instead press POWER button to shut down.

12. Remove the Power cable from the SOURCE HD.

13. REBOOT from the MASTER HD (The Destination Disk, the one to which you copied the data to), press F2 to go to SETUP. Go to configuration.

14. Use keyboard arrows to go down to Hard Drive. Highlight SLAVE & ENTER...ENTER...ESC(should see NO SLAVE)

15. ESC again, SAVE changes & EXIT. OK

If it doesn't reboot place jumper on the CS (cable select) pins and try to boot again.

NOTE: If the 1.2 HD is used as the SOURCE HD then you must remove the jumper on the black surface of this HD. To use it as the HD, jumper must be on CS (cable select).

Must use jumper on the 425MB HD to make it the slave.

Revised 5/29/2009 JMM