

May, 21 1997

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## **What To Do When a Sony PC Won't Boot From the Hard Drive**

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**Inability to boot the PC from the hard drive can occur for a number of reasons. Among them:**

- 1. The CMOS may not be set up to boot the system from the hard drive.**
- 2. The hard drive may not be properly connected to the motherboard.**
- 3. There may be some data corruption on the hard drive.**

Here are a few things to check:

1. Make certain there is not a non-bootable floppy in the A: drive.
2. If you have modified your BIOS, check that you have not disabled the hard drive by mistake. In the BIOS Setup screens (accessed at startup by pressing F3 and then F1) verify that the boot option is set to boot from the hard drive. Also, verify that the hard drive is set as the primary IDE master, and that the hard drive option is set to "Auto Configured." Confirm that the no other hardware in the system is using IRQ 14 and I/O address 1F0.
3. If Windows 95 starts in "Safe" mode, there may be newly installed software drivers causing the system to "freeze" during the initial boot process. Try restoring the Config.sys and Autoexec.bat files to their original configuration and try again. Below is the CONFIG.SYS and AUTOEXEC.BAT files in their original configuration:

### **CONFIG.SYS for PCV70/90:**

```
REM Tip: Put the real-mode driver for your CD-ROM in here.  
REM It won't be used by Windows 95, but it will be used if you  
REM choose "Restart your computer in MS-DOS mode" from  
REM the Shutdown menu in Windows or if you choose F8 and select  
REM one of the Startup menu options that let you enter into MS-DOS  
REM instead of loading the Windows 95 GUI.  
REM  
REM Be sure the information following the /D switch on the CD-ROM  
REM driver matches the information following the /d: parameter on  
REM MSCDEX loaded in Autoexec.bat
```

```
[COMMON] FILES=20 BUFFERS=20  
DEVICE=C:\WINDOWS\HIMEM.SYS /TESTMEM:OFF DOS=HIGH,UMB  
DEVICE=C:\DEV\ATAPI_CD.SYS /D:MSCD000 /I:0
```

### **CONFIG.SYS for PCV100/120:**

DOS=HIGH,UMB  
REM [CD-ROM Drive]  
DEVICE=C:\REALMODE\HIT-IDE.SYS /D:MSCD000 /N:2 /T:2

**AUTOEXEC.BAT for PCV70/90/100/120:**

```
@ECHO OFF
SET PATH=C:\DMI\WIN16\BIN;C:\DMI\SIA\BIN;%PATH%
SET DMI_SIA_PATH=C:\DMI\sia\bin;C:\DMI\win16\bin
SET DMIDIR=C:\DMI
```

4. If you have been working inside your computer and now the hard drive does not work, verify that hard drive IDE cable is correctly connected from the hard drive to the motherboard, that the hard drive is also connected to power.
5. Restore the hard drive information from the recovery disk.
6. If none of these suggestions are helpful, there may be a problem with the hard drive. Call Sony Technical Support at 1-888-4SONYPC for further assistance.

NOTE: Always back up important data so that a hard drive crash does not result in the loss of that data.