Drive Setup: Cannot Update Driver or Other Options (2/97)

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TOPIC ---

This article describes a couple of issues where Drive Setup options may not be
available.

While running the "four step" Install Mac OS application, on the Mac OS 7.6
CD-ROM, and performing the Update your hard disk driver option, a message
appeared stating "This media is not partitioned, unable to update the driver."

Drive Setup cannot update the driver on some SCSI and IDE drives, the Update
driver, Customize volume, and Test disk selections are dimmed; Initialization
options are available. The dimmed options become available only after
initializing the hard drive.

Why are these options not available with Drive Setup, and do I have to
re-initialize the hard drive to make these options available?

DISCUSSION ---

There are several reasons why those options may not be available, depending on
which computer you are using.

PowerBook Password Security

If you are using a PowerBook, you need to first disable the password protection
feature in the Password Security control panel. Password security prevents Drive
Setup from updating the driver.

Media Not Partitioned

The first IDE drives installed in Macintosh computers were initialized with the
Internal HD Format 1.x utility, and did not have partitioning information.
Drives that show "Where: Macintosh HD, AT_0" in the volume's Get Info window are
such drives. IDE drives partitioned with Drive Setup include partition
information. This is why Apple's Internal HD Format utility does not recognize
newer IDE drives. For more information search for the following Tech Info
Library articles:

- "Internal HD Format: Cannot See IDE Drives"
- "Macintosh Desktop & PowerBook Computers: IDE Hard Drive"

When a volume is selected in Drive Setup, the application looks for partition information on the hard disk. If it finds this partition information, the option to update the disk's driver is available. If this partition information is absent, you have to re-initialize the hard disk to properly format it to include this partition information in order to access the other options.

WARNING:
Reformatting or re-initializing your hard drive erases all information on your disk. Make sure you have a backup of all files you may have created and any pre-installed software that came with your computer.

The latest version of Drive Setup is 1.2.2 and included with the Mac OS 7.6 CD-ROM disc. Drive Setup 1.2 is available at Apple Computer's software update locations. You use the Drive Setup or HD SC Setup programs to update your disk driver or to re-initialize a disk.

The following computers should use the Drive Setup program:

All computers with PowerPC microprocessors
- Macintosh LC 580 series
- Macintosh LC 630 series
- Macintosh LC 630 DOS Compatible
- Macintosh Quadra 630 series computers
- Macintosh Performa 580 series computers
- Macintosh Performa 630 and 640 series computers
- PowerBook 150 series computers
- PowerBook 190 series computers

All other computers should use HD SC Setup.

NOTE: Drive Setup does not work with PowerPC Upgrade Cards. You can use HD SC Setup to update your driver or initialize a disk, but you need to turn off the PowerPC upgrade card before using HD SC Setup.

NOTE: PowerBook 150 computers do not need to update the internal hard disk driver. That driver is contained in your computer's ROM. If you try using either utility program to update the driver, nothing will happen.

Article Change History:
28 Feb 1997 - Updated article with Mac OS 7.6 information.
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