



# Tech Info Library

## Macintosh: Upgrade for drives over 32MB (1 of 2)

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Security: Everyone

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### Important Note to Users of Disk Drives With Over 32 MB Capacity

It is extremely important that you upgrade to System 4.1 if your Macintosh computer is attached directly to a hard disk with a capacity of 32 megabytes or more.

There is a bug in versions of the system file prior to 4.1 which makes it unsafe to use disk drives larger than 32 MB. Note that there are special instructions for owners of disk drives over 134 MB as well.

-- Instructions for disks over 32 MB but less than 134 MB:

Use the installer to install System 4.1 and Finder 5.5 on the startup disks of all Macintosh Plus, SE, or II computers.

For Macintosh computers dedicated as AppleShare servers, shutdown the server, restart from the Macintosh System Tools disk Version 2.0, and use the Installer to install System 4.1, Finder 5.5, Chooser 3.1, etc., in the server folder on the server startup volume. When the install is complete, you may restart the server Macintosh as an AppleShare server by choosing Restart in the Special menu.

For the Macintosh II, and ideally the Macintosh Plus and Macintosh SE servers too, use the Install program that accompanies AppleShare 1.1. Doing so also updates the System, Finder, Chooser, etc., as well as updating AppleShare to Version 1.1 (necessary for the Macintosh II).

Instructions for disk drives with 134 MB or more which were initialized with System 3.3 or earlier (creation date January 12, 1987 or earlier):

Since system versions 3.3 and earlier were not capable of correctly formatting disks over 134 MB, you need to reformat the disk with

System 4.1.

1. Backup all information on the hard disk to another device using a file by file backup (the Finder will do). Image Backup utilities are not acceptable, since image restoration will preserve the bad format.
2. Reformat the hard disk using System 4.1
3. Restore the information back to the hard disk using a file by file technique.
4. Update the System and Finder versions to 4.1 and 5.5, respectively.

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