Macintosh AV Series: Update Older Hard Disks (12/93)

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TOPIC --

I've heard that the Macintosh AV Series computers use a faster SCSI
manager. Do I need to update my older drives I plan to use with the
Centris 660AV, Quadra 660AV or Quadra 840AV?

DISCUSSION ---

Yes, use HD SC Setup 7.2.2 to update any older hard disks you plan to use
with the Centris 660AV or Quadra 840. Use the following procedure to update
your hard disks:

1) Launch Disk First Aid 7.1.1 or higher. (Disk First Aid 7.2 is shipped on the
   Software Utility Update 1.0 and higher disk.)

2) Select the disk you wish to update.

3) Click the Start button (for Disk First Aid 7.2, click Verify.) Disk First
   Aid will inform you if any repairs are needed.

4) If repairs are needed, click the Repair button.

5) Repeat steps 2 through 4 for any additional hard disks you wish to update.

6. Quit Disk First Aid.

7) Launch HD SC Setup 7.2.2 or higher.*

8) Click the drive button to select the hard disk you wish to update.

9) Click the Update button. This installs the new version of the SCSI driver.

10) Repeat Steps 2 and 3 for any additional hard disks you wish to update.

11) Click the Quit button to return to the Finder.

*Notes: - Make sure that Disk First Aid and HD SC Setup is not running from any
          hard disk you wish to update.
        - Make sure that none of the hard disk(s) you wish to update is the

startup disk.)

Why Update Older Hard Disks?

The Centris 660AV and Quadra 840AV use a new SCSI Manager, 4.3, a new system
level manager that extends the capabilities of Macintosh systems both in terms
of functionality and performance.

This new SCSI Manager is fully asynchronous, allowing each of several
SCSI devices to have multiple requests outstanding. By queuing requests in
this manner, overall throughput is improved. Other features such as direct
memory access (DMA) support further enhance overall performance.
Functionality has been improved through support for multiple buses
and hardware configurations, and support for SCSI-2 messages and protocol
actions.

Hard disks not updated using HD SC Setup 7.2.2 or higher will run
approximately 15-20 percent slower than updated hard disks.

Article Change History:
14 December 1993 - Added information on HD SC Setup 7.2.2 and on the
                   Quadra 660AV. Retitled to include all Macintosh AV
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