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AppleCD 300: Mounting Takes Too Long (9/95)

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TOPIC -----

I have an AppleCD 300 drive that takes a long time to mount. Why?

DISCUSSION -----

Slow loading or "mounting" can happen if you or the CD-ROM manufacturer forgot to dismount the hard disk volume before making a copy for mastering. Whenever an HFS disk is mounted, a bit is set in the volume's header, and it's cleared again when you dismount the disk or shut down the Macintosh following the normal procedures. (Ever wondered what the message "You may now shut off your Macintosh safely" means? Now you know.) The purpose of this bit is a "crash flag." If the Macintosh crashes abnormally, leaving the bit set, during the next boot, the Macintosh will recheck the integrity of the file structure and Desktop of the disk, just in case something got smashed during the crash.

So, if you master from a hard disk that has the bit set because you didn't dismount it, the Macintosh will think your CD-ROM is potentially crashed every time you load it, and will spend a lot of time rechecking EVERYTHING on the CD.

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Support Information Services

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