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Macintosh Classic & Classic II: Hard Drive Part Numbers (3/1)

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TOPIC -----

Why are there two sets of part numbers for the 40MB and 80MB drives for the Macintosh Classic and Classic II?

DISCUSSION -----

Until November 1992: 661-0614 and 661-0624

Until November 1992, the Macintosh Classic and Classic II computers were manufactured using 40MB and 80MB drives supplied by Quantum, Conner, and IBM. These drives were serviced by module replacement:

- The replacement 40MB drive (661-0614) could be either a Conner, IBM, or Quantum module.
- The replacement 80MB drive (661-0624) could be either a Quantum or IBM module.

Starting November 1992: 661-0773 and 661-0111

In November 1992, a new family of 40MB and 80MB hard drives manufactured by Quantum (the Quantum Pro ELS series) was introduced into production of the Classic II computers. It was believed that these new drives were completely compatible with previously shipped drives. It was, however, discovered in manufacturing that these new drives caused a small amount of video distortion in the lower right hand corner of the raster. During November and December, Classic IIs were manufactured with these drives, and the distortion eliminated by adjusting the deflection yoke magnets.

The original service strategy was to include these Quantum Pro ELS drives in the Service Part numbers 661-0614 and 661-0624. But because of the distortion issue mentioned above, the service strategy was modified and two new service part numbers have been assigned to the Quantum Pro ELS series drives:

- 661-0773 for the 40MB module
- 661-0111 for the 80MB module

When Replacing a Drive

In order to avoid introducing video distortion into Classic systems when replacing either a 40MB or 80MB hard disk module, it is important that all Quantum Pro ELS drives be replaced with Quantum Pro ELS modules . It is equally important to replace any non-Quantum Pro ELS drives with non-Quantum Pro ELS modules.

The documentation in the field does not yet reflect this need to identify the Quantum Pro ELS drives. The Price Pages will be modified to reflect the additional two part numbers in the April 1993 mailing. The Module ID Guide reflecting the change in module number strategy will be published in June.

Until the documentation is in place, when replacing a Quantum Pro ELS module in a Classic II, you should order 661-0773 and 661-0111 for the 40MB and 80MB replacement module -- NOT the 661-0614 or 661-0624 as called out on the price pages. This will ensure that the customer's computer is returned to its original performance condition.

NOTE:

If after servicing a Classic or Classic II computer, you observe a distortion problem with the lower-right corner of the raster, make sure that the appropriate "like-for-like" exchange has been implemented. If not, install the correct service module in the system and return the incorrect module to service stock, as it is not defective. Do not attempt to adjust the yoke or replace the CRT to correct the video distortion.

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