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Hard Drive: Torque Requirements (11/94)

Article Created: 7 August 1991

Article Reviewed/Updated: 10 November 1994

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TOPIC -----

Is it necessary to use a torque driver when installing the HDA, 1-Inch, 40MB Internal, 3.5 SCSI drive in the carrier? What failures can occur if the drive is not properly torqued?

DISCUSSION -----

The 40MB Internal, 3.5 SCSI hard drive (part number 661-0464) is being replaced with the 1-Inch, 40MB Internal, 3.5 SCSI hard drive (part number 661-1629). The 661-1629 HDA is subject to the same torque and installation considerations as the other 1-inch drives (part numbers 661-0614 and 661-0624); that is, the screw heads must be torqued to approximately 8 inch-pounds.

Failure to torque the drive properly can lead to many different failure symptoms including inability to spin up, excessive data errors, crashes, intermittent failures of many types, and so on. When troubleshooting these drives, be sure to check the torque of the mounting screws.

The proper tool for this procedure is the Torque Driver (part number 076-0390) or equivalent. The procedure is documented in the Service Source CD.

Article Change History:

10 Nov 1994 - Reviewed for technical accuracy.

Support Information Services

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 8013