



# Tech Info Library

## Disk II PROBLEM/CURE: Repeated Calibration (Constant Clacking)

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**PROBLEM DESCRIPTION:** When booting a known good system disk, the drive continually tries to calibrate at track 0. This causes a loud click clacking sound.

**CAUSE:** Recalibration is normal whenever a disk is booted. Then track 0 is read into memory. If the computer cannot read from track 0, the head is recalibrated again and again, until it succeeds in reading.

If the computer cannot read information on track 0; either the head is not arriving exactly at track 0, or something in the signal path is broken.

### POSSIBLE CURE/S

- The disk speed is wrong - Perform D-Speed adjustment in Tech Procedures
- Track 0 stop is missing or bent - Replace the mechanical assembly
- The head is defective - Replace the mechanical assembly
- The stepper motor is malfunctioning - Replace the mechanical assembly
- Collet hub is out of adjustment - Check adjustment as specified in Tech Procedures

If problem is still not found, search on HTS, the disk drive's product name and GENERAL to obtain the General Troubleshooting procedure for the disk drive.

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