



Quick installation guide

Ultrastar 36ZX & 18LZX

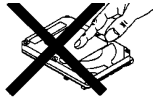
Multimode SE/LVD



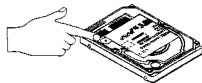
Models: DMVS-09
DMVS-18
DMVS-36

Handling precautions

- Do not open the ESD (electro-static discharge) bag containing the drive until required.
- Do not apply pressure on the drive during handling or installation.



- Always handle the drive with care to prevent damage from shock, vibration, or electrostatic discharge.
- Handle the drive carefully by the edges. Do not touch any exposed printed circuit board.
- Do not cover the breather hole! Covering the breather hole may result in loss of data.



- Save the packaging materials including the ESD bag in the event that the drive must be returned.
- Record the serial number and part number of your IBM Deskstar for future reference.

Installing the drive

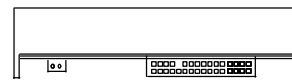
1. Backup all data before proceeding with the installation.
2. Turn off the computer.
3. Open the case as directed by your computer system manual.

4. Discharge the static electricity from the package and from your body. With one hand touch an unpainted metal surface on your computer chassis, then touch the ESD bag with the other hand for at least 2 seconds.

5. Unplug the power cord.

6. Remove the drive from the ESD bag. When not handling it, place it on the bag. The bag provides a static-protective surface to lay the drive on prior to chassis mounting.

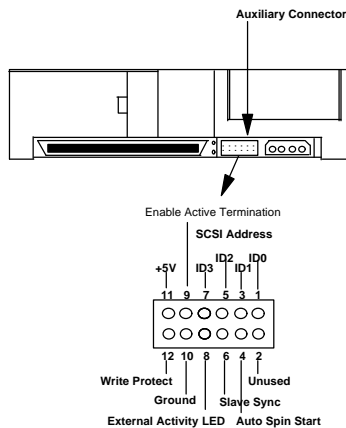
7. Set the address. Each drive on the SCSI bus must have a unique address. SCSI address bits 3,2,1, and 0 of the Option Jumper Block are used to select the SCSI device ID.



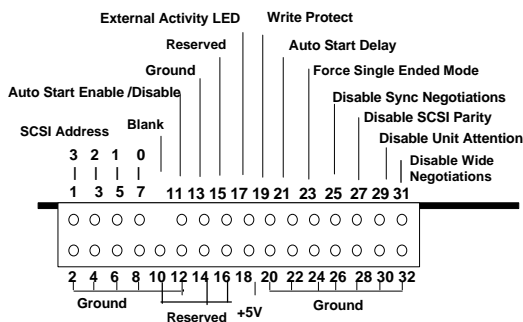
SCSI Address Bits

3 2 1 0		3 2 1 0
□□□□	address 0	■□□□ address 8
□□□■	address 1	■□□■ address 9
□□■□	address 2	■□■□ address 10
□□■■	address 3	■□■■ address 11
□■□□	address 4	■■□□ address 12
□■□■	address 5	■■□■ address 13
□■■□	address 6	■■■□ address 14
□■■■	address 7	■■■■ address 15

The Auxiliary Option Block connector depicted below is used in external cases with standardized external switch connectors.



8. Remove the drive from the ESD bag.
9. If the drive is the only device on the SCSI cable, attach it to the end of the cable furthest from the controller. (The using system is responsible for making sure that all required signals are terminated at both ends of the cable.)
10. Select the other option jumpers as required by your computer.



11. Attach the power connector.
12. Mount the drive securely in any axes, using the appropriate brackets or rails. Use four 6-32 UNC metric screws in the bottom or side mounting holes. The maximum screw insertion depth for mounting is 4.0mm (0.157 in.).
13. If your system boots up, replace the cover.
14. If your system does not boot up, recheck all settings. If the system still fails to boot up, remove the new drive to return the system to its original configuration and call the IBM Hard Disk Drive Technical Support Center

Partitioning and formatting (using DOS 5.0 or later)

Caution: Partitioning and formatting will erase all data.

1. Insert the OS setup diskette into the floppy drive.
2. Turn on the computer.
3. At the DOS prompt type FDISK, press [ENTER], and follow the instructions on the screen.
3. To format the primary system drive, type FORMAT C:/S at the DOS command prompt and press [ENTER]. The /S parameter makes C: the operating system startup drive.
4. To format a second drive (not C:), type FORMAT X: (where X is the drive letter assigned by FDISK) at the DOS prompt and press [ENTER].
5. Remove the diskette and restart your computer. The installation is complete.
6. Install the operating system.



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