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7 Jun 97 - 25 Aug 04

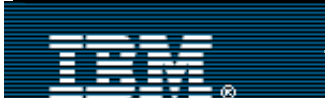
http://www.storage.ibm.com/techsup/hddtech/wdsl8/wdsl8jum.htm

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## Models WDS L80 & WDS-L160

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## Option block



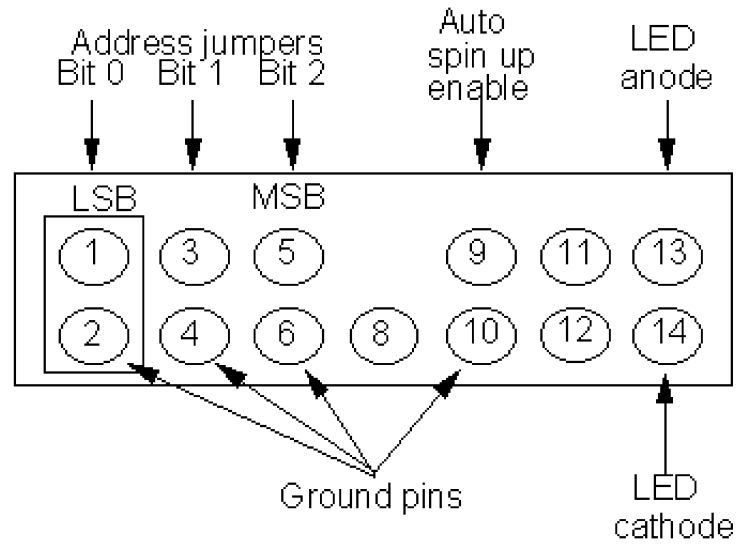
Options block  
Pin 1

### Jumper settings

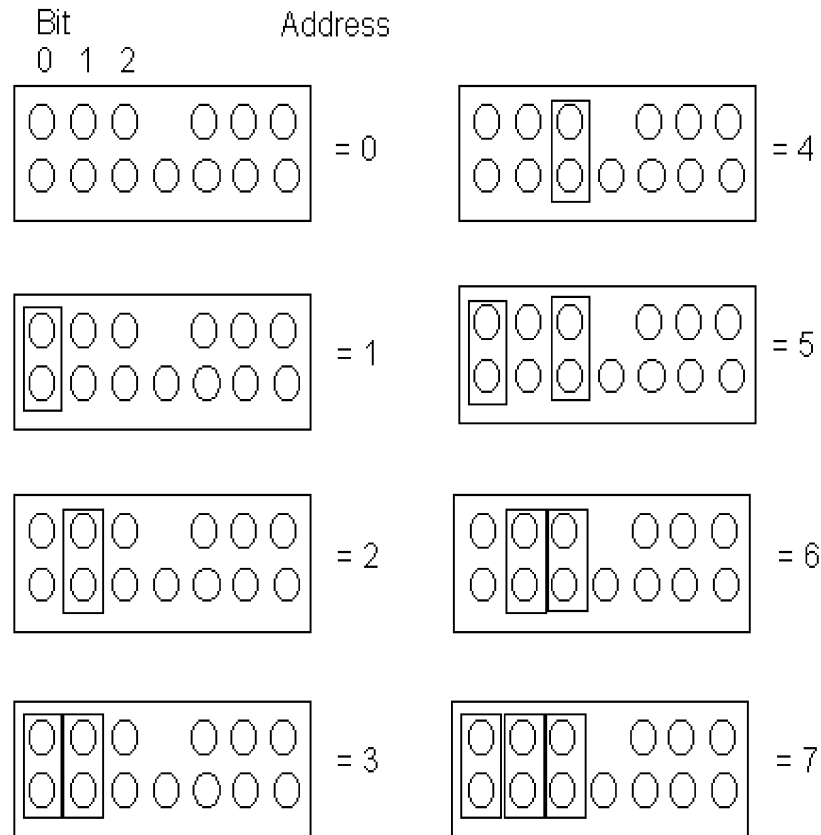
Jumpers may be fitted to select the following options:

	Pin Numbers
Auto spin-up control	9-10
Device SCSI-ID selection (see table for details)	1-2, 3-4, 5-6
LED drive lines	13-14

A Bit is selected when a jumper is in place.



**Option block-SCSI ID selection**



*Pins 8, 11, and 12 are reserved*

## Shipping default settings

The device ID is set at 6 (ie, jumpers on pins 3-4 and 5-6).  
Auto spin-up is enabled (ie, jumpers on pins 9-10).

*Note:* LED connections, pin 13 can source up to 18 mA. Pin 14 can sink up to 100 mA.

Auto spin-up, pin 9. If a jumper is fitted, the drive will spin-up automatically after power on reset completes.

If a jumper is not fitted, the drive will not spin-up unless the host system issues a "start command" to the drive.

## Data organization

## Physical layout

	WDS-L80	WDS-L160
Bytes per sector	512	512
Total data sectors	85,658,112	171,316,224
Sectors per track	44	44
Sectors per cylinder	87	174
Spare sectors per cylinder	1	2
Number of data heads	2	4
Number of disks	1	2
Logical layout	85 MB	170 MB
Max relative block Addresses	167,301	334,601
Total data bytes	85,658,112	171,315,712

## Terminators

'T-RES is active terminator MYOGJ 'J' is terminator jumper switch. SCSI Bus terminator jumper switch pin assignment is:

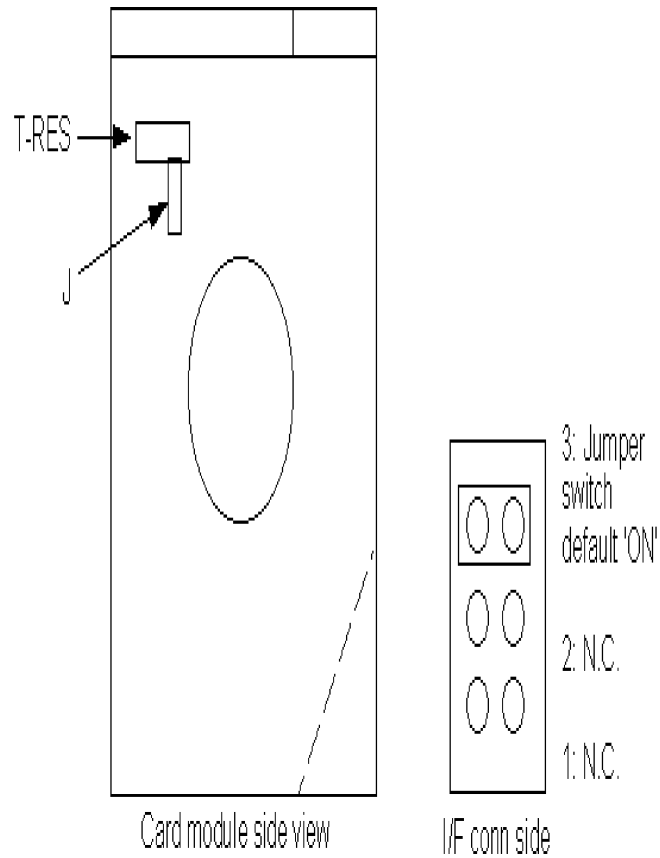


Figure 1 SCSI bus terminators jumper location and pin assignment

*Note:* Not all models will have terminating resistors. In cases where there is no termination, an in-line terminator will be required.

## Menu

[Product description](#)

[Mode select options](#)

[Mechanical specifications](#)

[Jumpers, data organization](#)

[Electrical interface specifications](#)

