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SCSI Drives: Setting the 20MB SCSI ID (5/93)

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TOPIC -----

I need the SCSI (Small Computer System Interface) ID setting information for the Miniscribe 20MB drive. I am attempting to install the drive into an external case.

DISCUSSION -----

Apple does not support configurations where drives are used in systems for which they were not intended.

There are six pairs of jumper pins that allow control of the drive operation. They are located on the disk drive's printed circuit board (PCB). On the Miniscribe, the location is 6SEL on the printed circuit board.

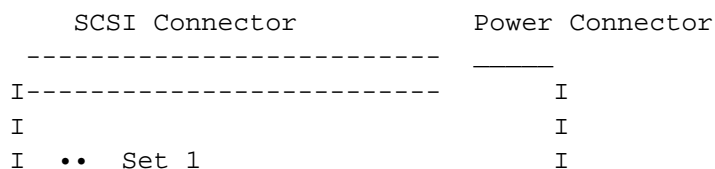
The first three jumpers control the drive's mode of operation:

- SS - Self Seek - Apple default/No Jumper Installed
- EP - Enable Parity - Apple default/Jumper installed
- WS - Wait/Spin - Apple default/No Jumper Installed

The remaining 3 pin sets determine the hard disk drive's SCSI bus identification (SCSI ID).

Pin Set 5 is used to set the "enable parity" (see bullets above) mode and should always have a jumper.

Below is a sketch of the hard drive's printed circuit board and SCSI jumper pins (bullets).



I	••	Set 2	I
I	••	Set 3	I
I	••	SS	I
I	••	EP - always jumpered	I
I	••	WS	I
I			I
I			I
I		Drive PCB	I
I			I

These are the SCSI ID settings:

SCSI ID	Jumper Position
-----	-----
0	No jumpers
1	Set 1
2	Set 2
3	Set 1 & Set 2
4	Set 3
5	Set 1 & Set 3
6	Set 2 & Set 3
7	Set 1 & Set 2 & Set 3

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