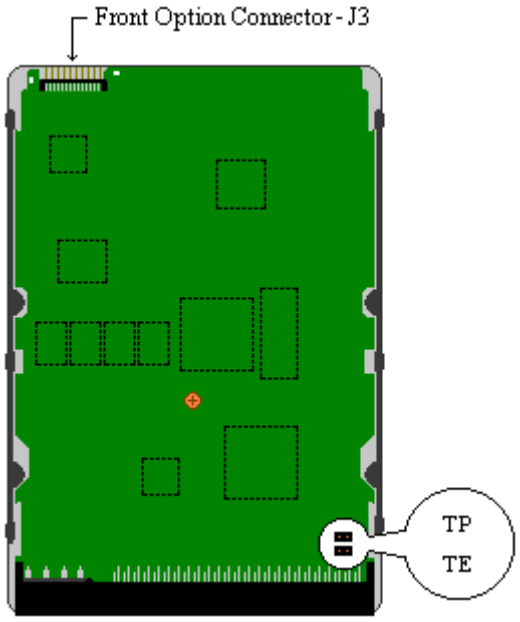
50-pin Jumper Settings



Jumper Settings

The following describes the jumper options and settings available on the Maxtor® Atlas™ II disk drive.

Maxtor Atlas II was developed by Quantum Corporation prior to its merger with Maxtor.

Termination Enable (TE)

Enable termination	TE jumper on
Disable termination	TE jumper off

Termination Power (TP)

Enable termination power	TP jumper on
Disable termination power	TP jumper off

SCSI ID (A3, A2, A1, A0)

Set drive SCSI ID	See ID settings table below

Delay Spin (DS)

Enable spin delay	SP jumper off
Disable spin delay	SP jumper on

cStagger Spin

Enable spin stagger	SS jumper on
Disable spin stagger	SS jumper off

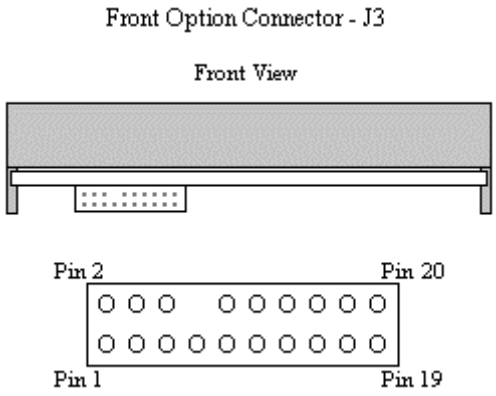
Write Protect

Enable Write Protection	WP jumper on
Disable Write Protection	WP jumper off

Jumper Locations

The Atlas II disk drive has two locations where user configurable jumpers are found. The primary jumper block (Front option connector J3) for the Atlas II is found on the front edge of the disk drive printed circuit board. Using these jumper pins you can establish the various drive configuration options. The second option jumper block is used to set the Atlas II termination options. This jumper block is found on the printed circuit board at the rear of the drive and is near the SCSI cable connector.

28-Pin Secondary Option Connector



Pin	Signal	Pin	Signal
1	A0	2	logic_gnd
3	A1	4	logic_gnd
5	A2	6	logic_gnd
7	Fault LED	8	key (blank)
9	Busy LED	10	Spindle Sync
11	+5VDC out	12	unused
13	Delay Spin	14	logic_gnd
15	Stagger Spin	16	logic_gnd
17	Write Protect	18	logic_gnd
19	Spindle Sync	20	logic_gn

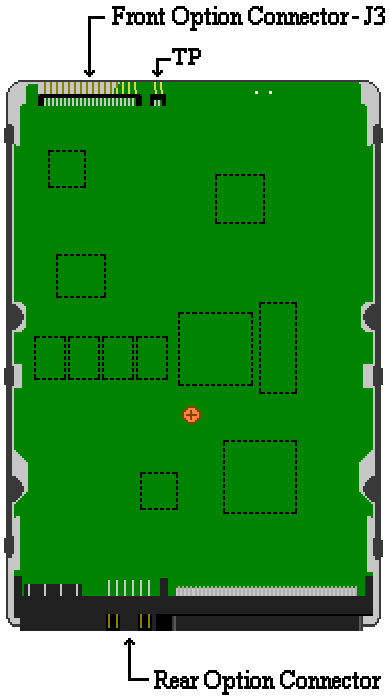
The drawing above displays the jumper block physical location and pin definitions.

SCSI ID Settings

The following table identifies the various SCSI ID values and the jumper positions required to set them.

Drive ID	A0	A1	A2
ID 0	OFF	OFF	OFF
ID 1	ON	OFF	OFF
ID 2	OFF	ON	OFF
ID 3	ON	ON	OFF
ID 4	OFF	OFF	ON
ID 5	ON	OFF	ON
ID 6	OFF	ON	ON
ID 7	ON	ON	ON

68-pin Jumper Settings



Jumper Settings

The following describes the jumper options and settings available on the Maxtor® Atlas™ II disk drive. Maxtor Atlas II was developed by Quantum Corporation prior to its merger with Maxtor.

Termination Enable (TE)

Enable termination	TE jumper on
Disable termination	TE jumper off

Note: Termination enable available on SE version only.

Termination Power (TP)

Enable termination power	TP jumper on
Disable termination power	TP jumper off

SCSI ID (A3, A2, A1, A0)

Set drive SCSI ID	See ID settings table below

Delay Spin (DS)

Enable spin delay	SP jumper off
Disable spin delay	SP jumper on

Stagger Spin

Enable spin stagger	SS jumper on
Disable spin stagger	SS jumper off

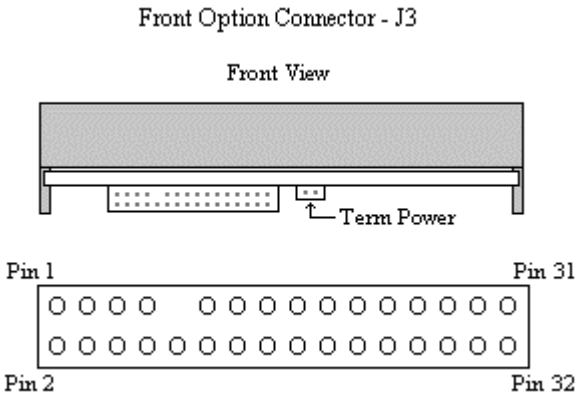
Write Protect

Enable Write Protection	WP jumper on
Disable Write Protection	WP jumper off

Jumper Locations

The Atlas II wide disk drive has two locations where user configurable jumpers are found. The primary jumper block (Front option connector J3) for the Atlas II wide is found on the front edge of the disk drive printed circuit board. Using these jumper pins you can establish the various drive configuration options. The secondary option jumper block provides an alternate method for setting primary drive features. The alternate jumper block is located at the rear of the drive and is incorporated into the SCSI cable connector.

The termination power option setting is located on the front edge of the printed circuit board and is adjacent to the J3 connector.



Pin	Signal	Pin	Signal
1	A3	2	logic_gnd
3	A2	4	logic_gnd
5	A1	6	logic_gnd
7	A0	8	logic_gnd
9	Key (blank)	10	Fault LED
11	Delay Spin	12	logic_gnd
13	Logic ground	14	Enable Active Termination
15	Spindle Sync	16	Spindle Sync
17	Busy Led	18	+5VDC out
19	Write Protect	20	logic_gnd
21	Stagger Spin	22	logic_gnd
23	Enable Narrow Mode	24	logic_gnd
25	Disable Sync Negotiation	26	logic_gnd
27	Disable SCSI Parity	28	logic_gnd
29	Disable Unit Attention	30	logic_gnd
31	Customize	32	logic_gnd

Pin	Signal	Pin	Signal
1	A0	2	Fault LED
3	A1	4	logic_gnd
5	A2	6	logic_gnd
7	A3	8	Busy LED
9	Enable Termination	10	logic_gnd
11	+5VDC out	12	(reserved)

Note: Enable Termination setting is not supported on the following differential drives:

Atlas II 2.2GB WD

Atlas II 4.5GB WD

Atlas II 9.1GB WD **SCSI ID Settings**The following table identifies the various SCSI ID values and the jumper positions required to set them.

Drive ID	A0	A1	A2	A3
ID 0	OFF	OFF	OFF	OFF
ID 1	ON	OFF	OFF	OFF
ID 2	OFF	ON	OFF	OFF
ID 3	ON	ON	OFF	OFF
ID 4	OFF	OFF	ON	OFF
ID 5	ON	OFF	ON	OFF
ID 6	OFF	ON	ON	OFF
ID 7	ON	ON	ON	OFF
ID 8	OFF	OFF	OFF	ON
ID 9	ON	OFF	OFF	ON
ID 10	OFF	ON	OFF	ON
ID 11	ON	ON	OFF	ON
ID 12	OFF	OFF	ON	ON
ID 13	ON	OFF	ON	ON
ID 14	OFF	ON	ON	ON
ID 15	ON	ON	ON	ON