

# **Fujitsu 2361A Disk Drive Configuration Procedures**

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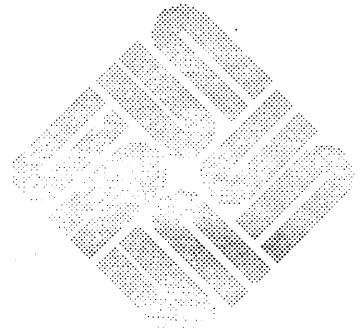
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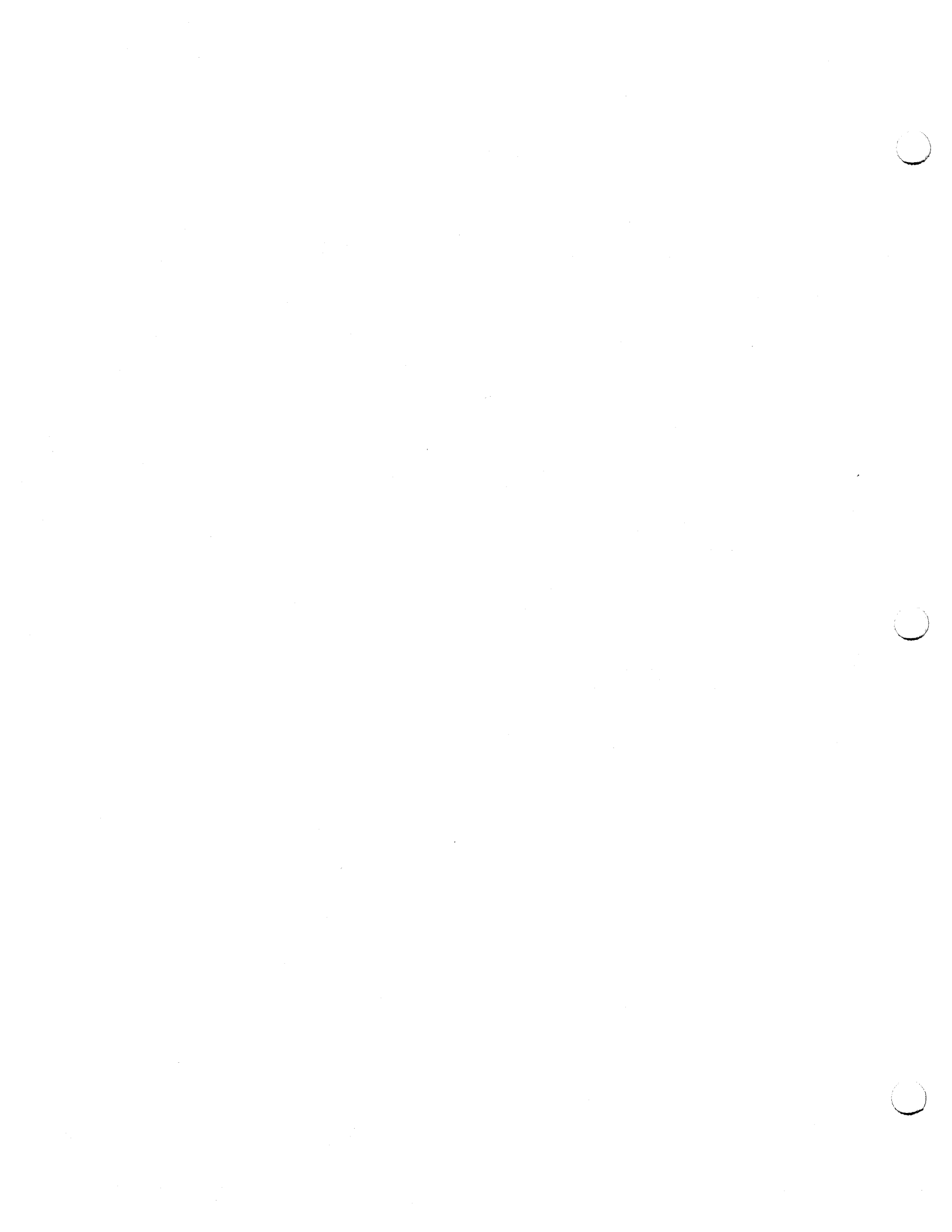
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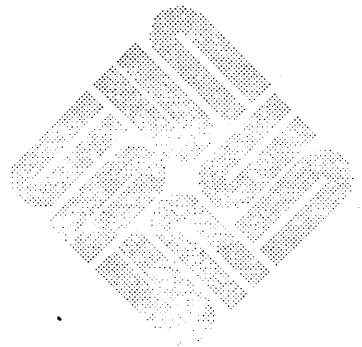


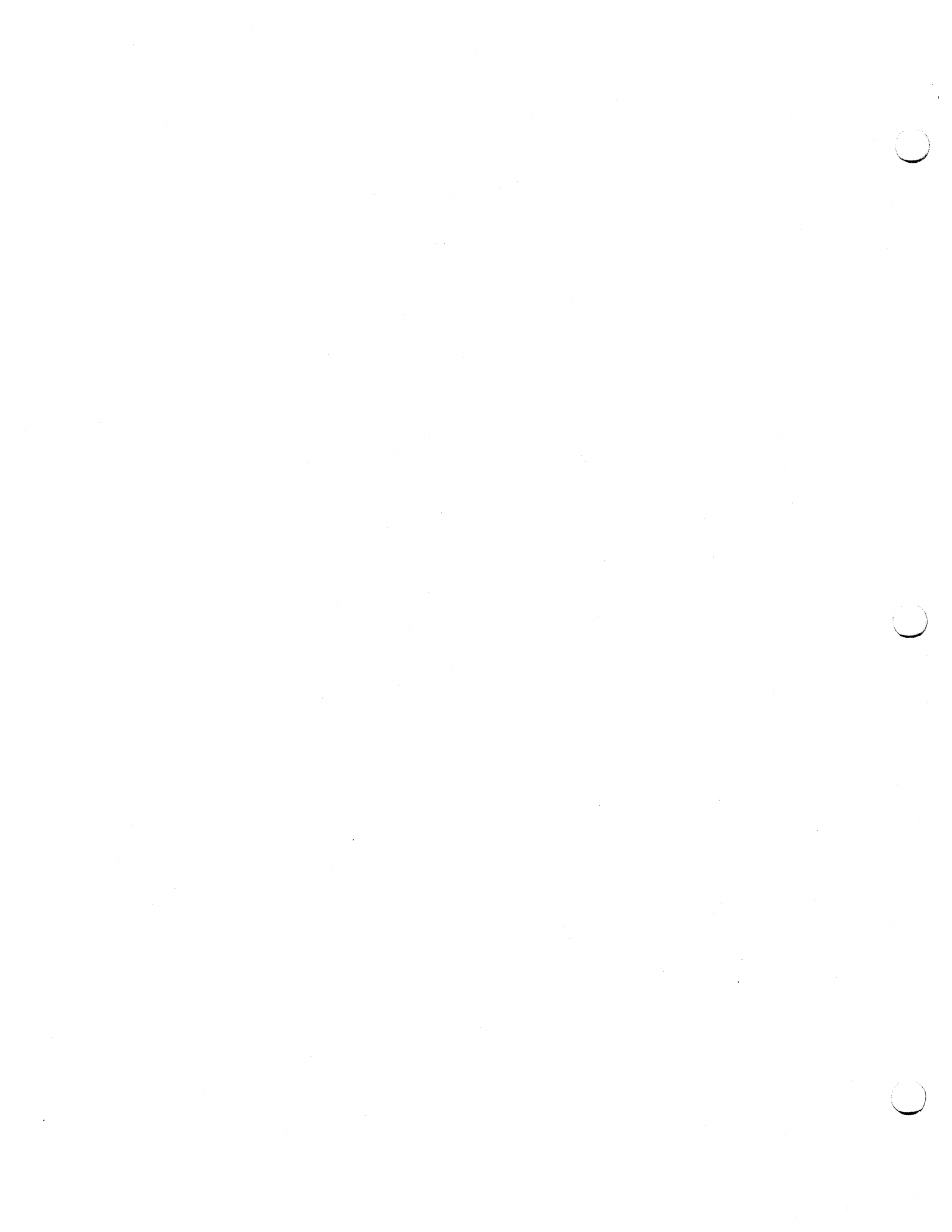


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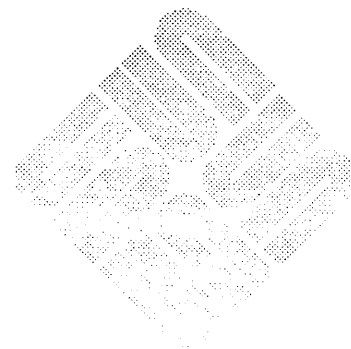


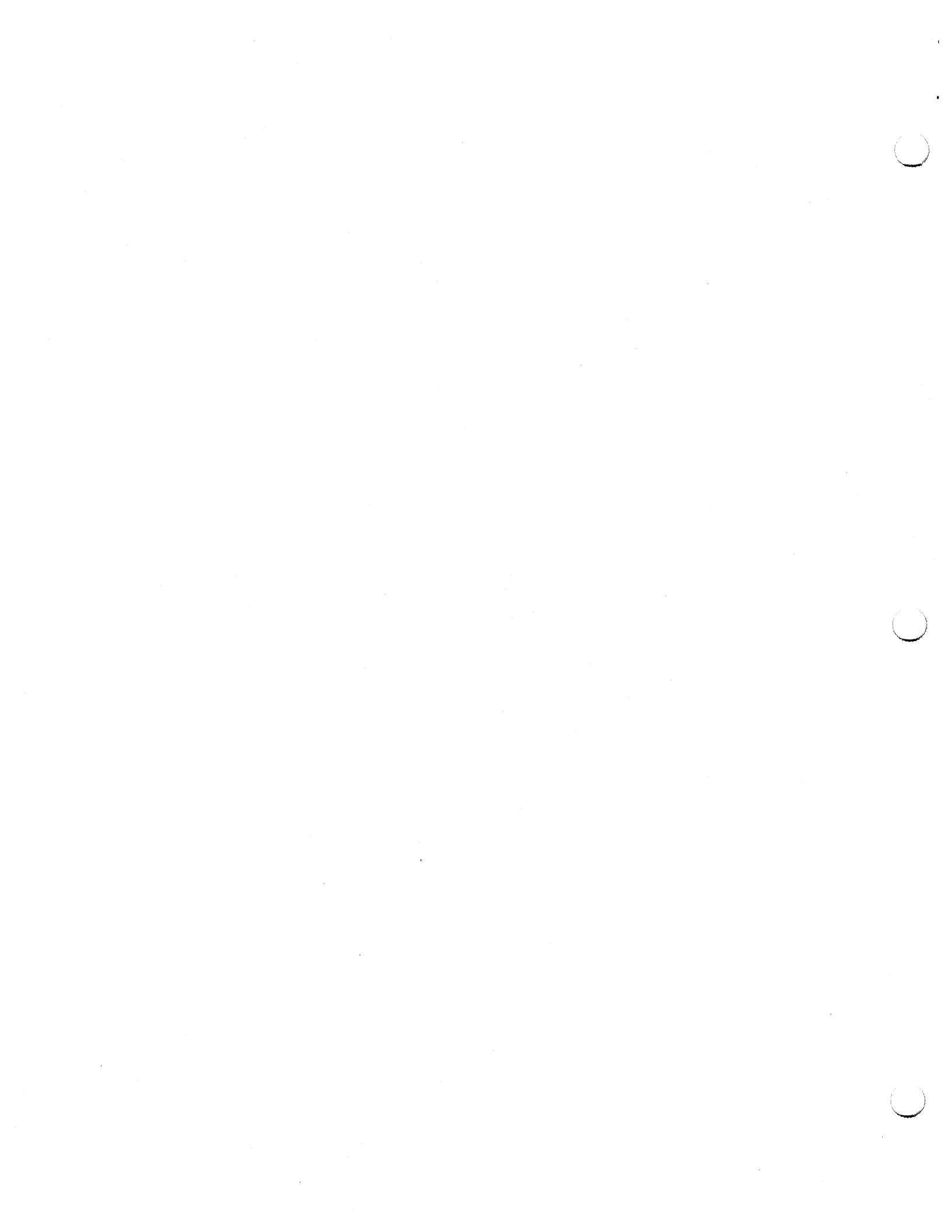


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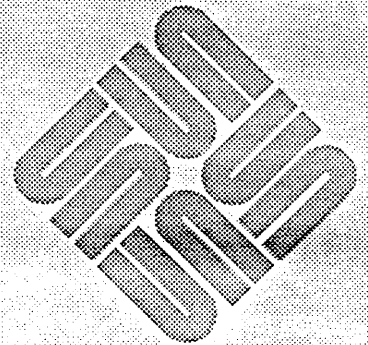


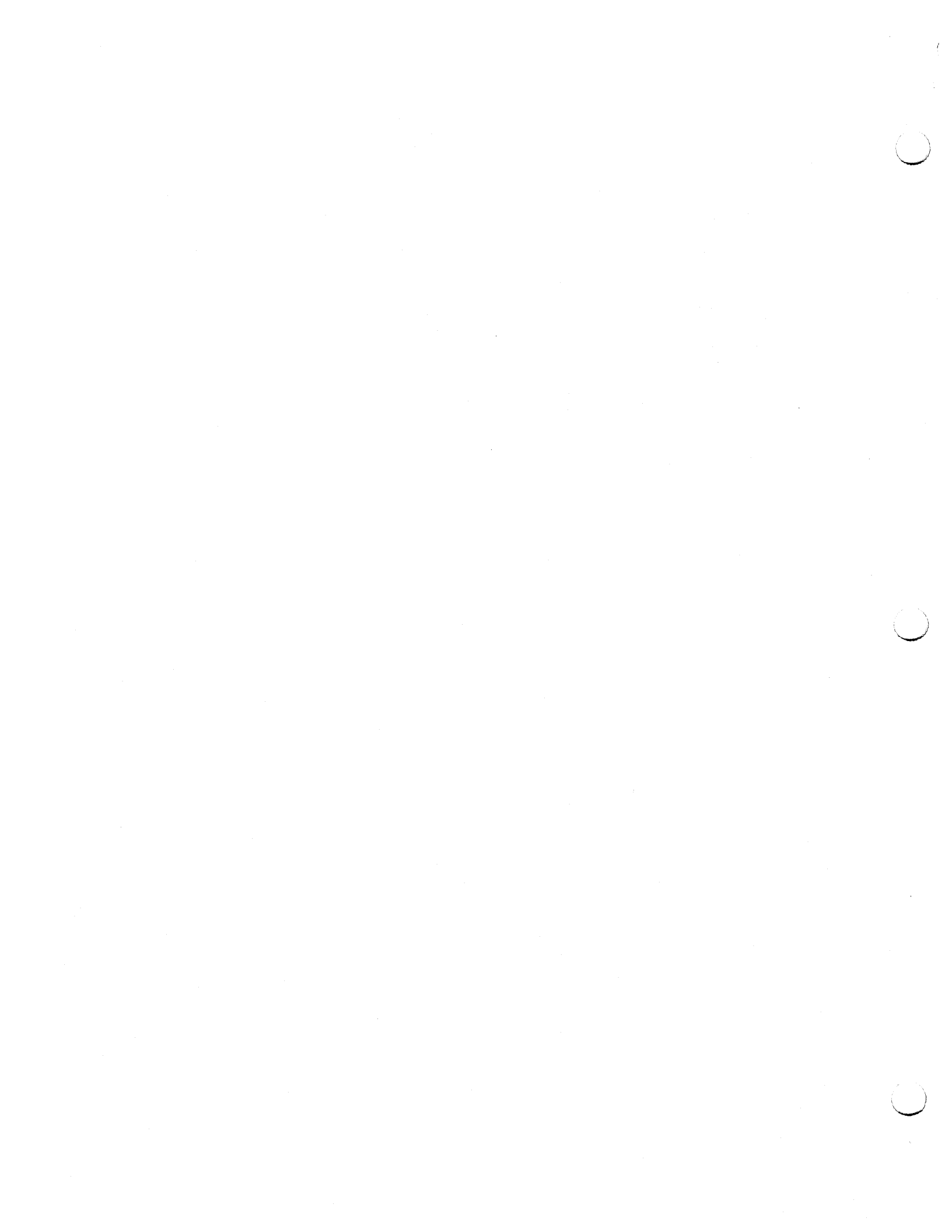


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# Fujitsu 2361A Disk Drive General Description

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## Fujitsu 2361A Disk Drive General Description

The Fujitsu Eagle XP is a high performance, state-of-the-art, compact disk drive with a unformatted capacity of 689 Mega Bytes. This drive is appropriate for large capacity, high speed data storage in an online and/or batch system.

### 1.1. Logic PC Board Configuration Procedure

The configuration jumpers are located on the Logic PC Board which resides in a cardcage on the left side of the disk drive (see Figure 1-1 for the location of the board). The location of the Jumper Block on the board is shown in Figure 1-2, and Table 1-1 shows which pins on the Jumper Block should be shorted together.

Figure 1-1 *Board Location*

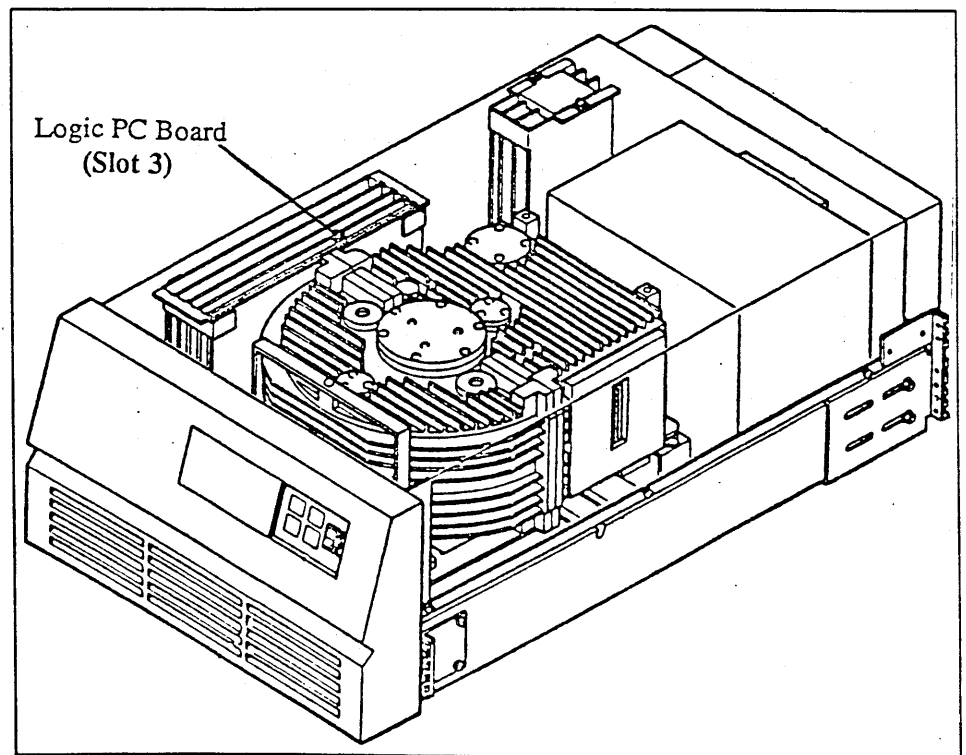


Figure 1-2 Logic Board Configuration Jumper Block Location

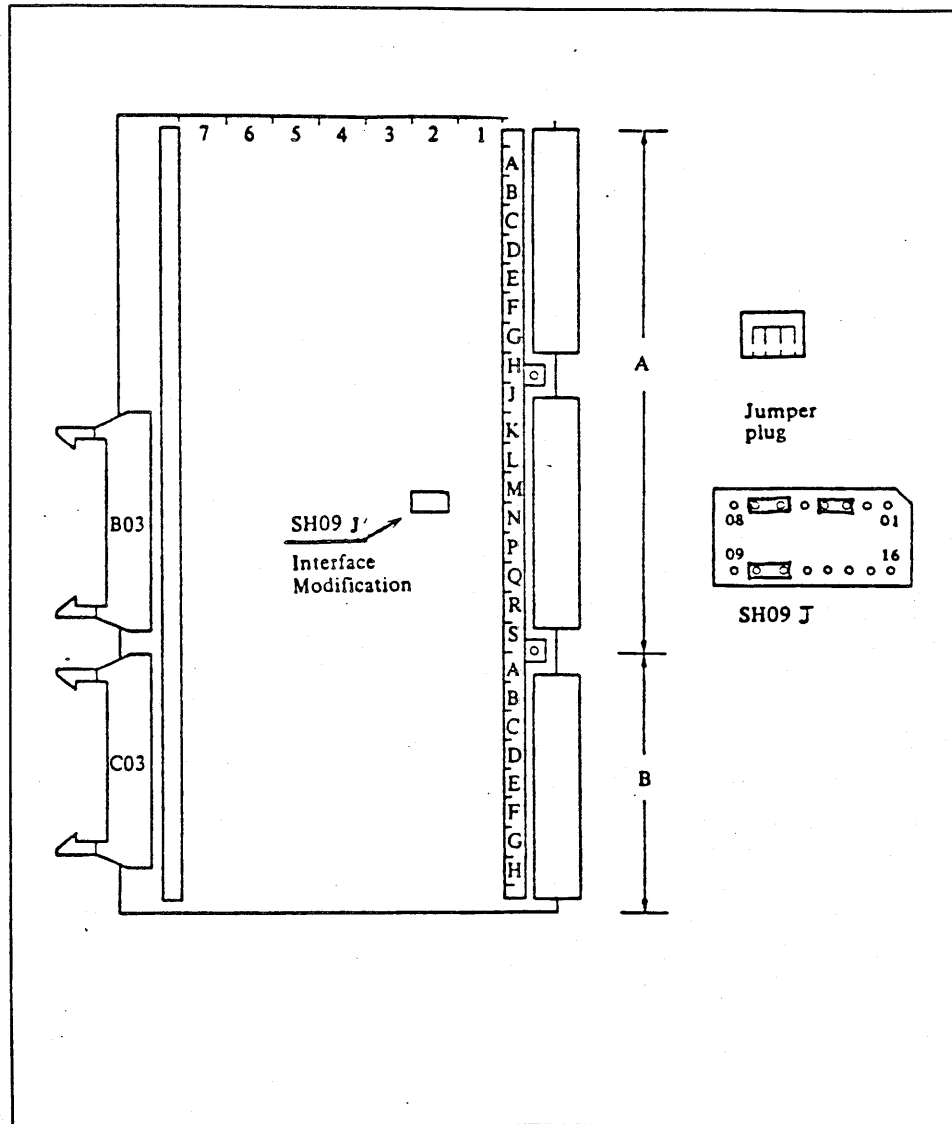


Table 1-1 *Jumper Block Configuration*

Item	Pin Number to be Shorted	Default Mode *	Function
Incorporate TAG4, 5 Status Capability	03 - 02	o	Enable
	03 - 04	@	Disable
Operation of Seek Status Capability	06 - 05		Seek End is not issued after Offset Command is reset.
	06 - 07	o @	Seek End is issued after Offset Command is reset.
Response of Unit Ready	10 - 09	o	Unit Ready is issued even if the Drive is in a fault condition.
	10 - 11	@	Unit Ready is not issued when the Drive is in a fault condition.

\* o Indicates setting as shipped from Fujitsu.

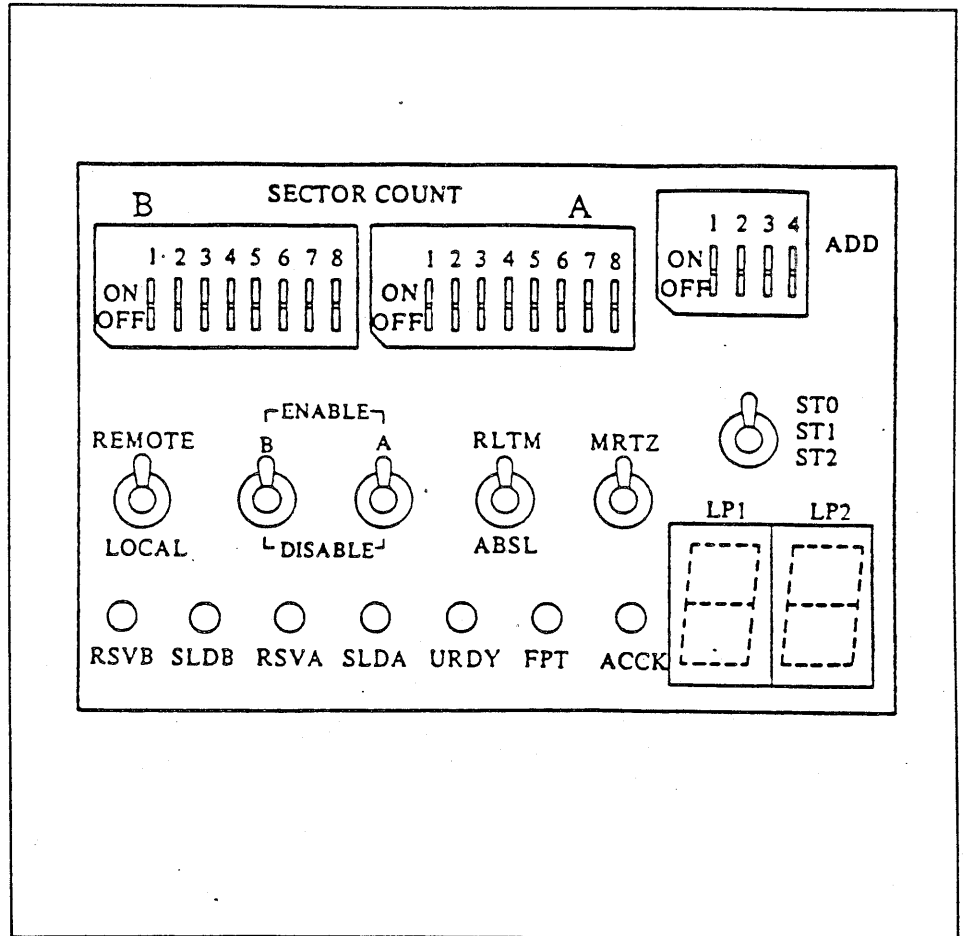
@ Indicates setting recommended by Sun Microsystems.

## 1.2. Front Panel State, Sector and Drive Address Configuration

The front of the Eagle XP has two different panels: one is always visible - this is the Operator Panel, the other is hidden behind a hinged door just to the left of the Operator Panel - this is the Display Panel.

The State, Sector and Drive Address switches are all on the Display Panel. To access the Display Panel, pull out gently on the right-hand side of the hinged door. Behind the door you will find a bank of switches. The toggle switches are the State switches; the large bank of DIP switches are the Sector switches, and the small four section DIP switch is the Drive Address switch (see Figure 1-3).

Figure 1-3 *Display Panel Switches.*



The Sector and State switches should be set to conform to the following Table.

Table 1-2 *Sector and State Switch Settings*

Sector Switches								
	Section							
Switch B	1	2	3	4	5	6	7	8
Position	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
Switch A	1	2	3	4	5	6	7	8
Position	OFF	ON	OFF	ON	OFF	ON	ON	ON
State Switches								
Switch	Remote/ Local	Enable/ Disable B	Enable/ Disable A	RLTM/ ABSL	MRTZ	ST0, ST1, ST2		
Position	Local	Disable	Enable	Don't Care	Off	Don't Care		

The Drive Address switches can be set to provide the drive with a logical address from 0 to 7. The drive's logical address is a binary code, and is set using the Drive Address Switch whose switch settings and corresponding logical addresses are shown in the following Table.

Table 1-3 *Drive Address Switch Settings*

Drive Address Switch				
Drive Address	Switch Position			
	1	2	3	4
0	NOT USED	OFF	OFF	OFF
1		OFF	OFF	ON
2		OFF	ON	OFF
3		OFF	ON	ON
4		ON	OFF	OFF
5		ON	OFF	ON
6		ON	ON	OFF
7		ON	ON	ON





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## Revision History

Dash Number	Revision	Date	Comments
01	1	March 3, 1986	Alpha release of this configuration procedure.
05	50	March 5, 1986	Beta release.
05	A	September 3, 1986	Production Release