

# MITSUBISHI MF501C/MF504C FLEXIBLE DISK DRIVES INSTALLATION GUIDE

## 1. Preparation prior to installation

### (1) Option jumper settings:

The factory pre-settings of the option jumper plugs are shown in Fig. 1. They are set to make the drive plug-in compatible to the IBM PC<sup>®</sup>, PC-XT<sup>®</sup>, and PC-AT<sup>®</sup>. (The MF504C is workable only with the PC-AT<sup>®</sup>.) Therefore no relocation of the jumper plugs is required for these and other fully compatible computers.

If your IBM compatible computer requires a unique option setting, or your computer is not IBM compatible, refer to Section 3 in this guide for appropriate settings.

### (2) Removing the terminating resistor pack:

If your system has another 5 ¼ inch flexible disk drive installed, remove the terminating resistor pack from the drive connected to the middle connector of the FDD controller signal cable. The terminator pack of the MF501C or MF504C is located on the P.C. board as seen in Fig. 1.

If your other flexible disk drive is a 3.5 inch drive, always remove the terminator pack from the MF501C or MF504C.

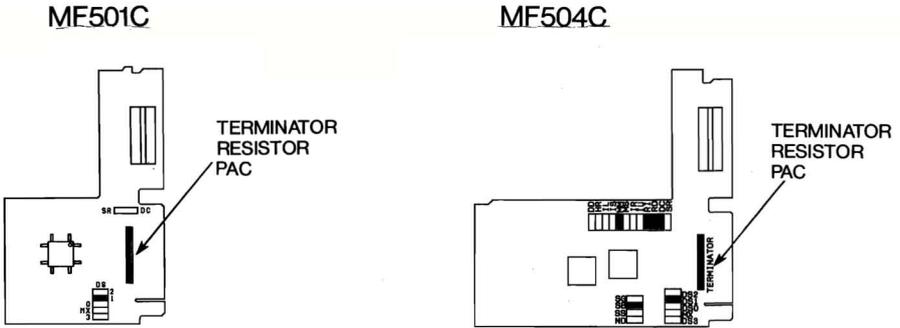
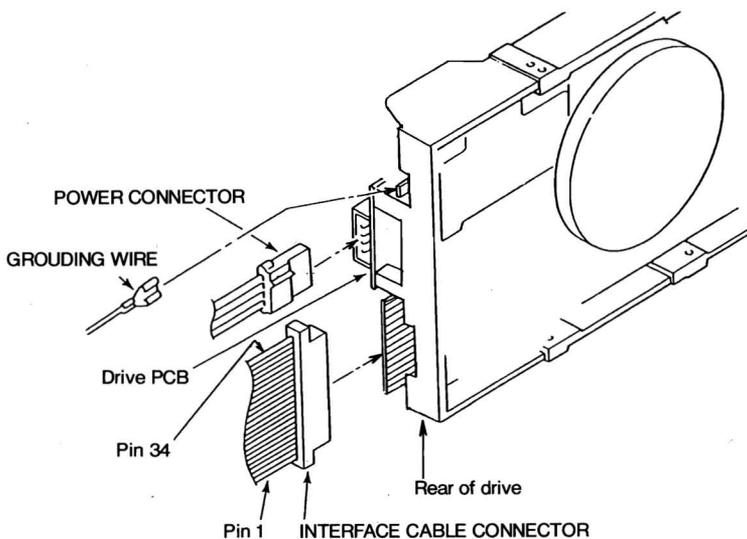


Fig. 1 Terminator and Jumper Plug Locations

## 2. Cable connection to system

Fig. 2 shows the locations of the signal, power and grounding connectors at the rear of the flexible disk drive.



**Fig. 2 Flexible Disk Drive Connector Locations**

### 3. Customer jumper options

Function	Jumper Name	Initial Setting		Description
		MF501C	MF504C	
Drive Select	DS 0			Drive Select 0
	DS 1	○	○	Drive Select 1
	DS 2			Drive Select 2
	DS 3			Drive Select 3
	MX			Drive Always Selected
	TD			Terminating Resistor of D.S. On/Off
Motor On Condition	MM		○	Motor Start with Motor On Signal
	MS			Motor Start with Drive Select
I/F Pin 34 Output Status	SR			Standard Ready Signal Output
	DC		○	Disk Change Signal Output
Spindle Motor Speed Control	SS			360rpm when I/F Pin 2 is High Level. 300rpm when I/F Pin 2 is Low Level.
	SB		○	Motor Speed Constantly 360rpm
1 MB Capacity Select	SS & ND			1.0MB Unformatted, 720KB Formatted

Note) It is not recommended to relocate the jumper plugs to or from the locations that are not explained in the above.

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