TLZ07 Cassette Tape Drive and AutoLoader

Owner's Manual Supplement

May 1995

This supplement provides updated information to the TLZ07 Cassette Tape Drive and Autoloader Owner's Manual, EK-TLZ07-OM. A01.

Read Section 1 if you have the revised version TLZ07-DA tabletop drive. Section 1 provides layout information for the tabletop drive.

Note

The TLZ07 comes in two embedded versions: the -AA and -BA. The -AA is a 3.5-inch form factor. The -BA is a 5.25-inch form factor. This supplement covers both versions as the TLZ07-AA/-BA tape drive.

Read Section 2 if you have the revised version TLZ07-AA/-BA tape drive. Section 2 provides layout information and SCSI jumper setting instructions for the revised version drive.

Read Section 3 if you have the **original version** of the TLZ07-AA/-BA tape drive. Section 3 provides updated SCSI switch setting information not included in the owner's manual.
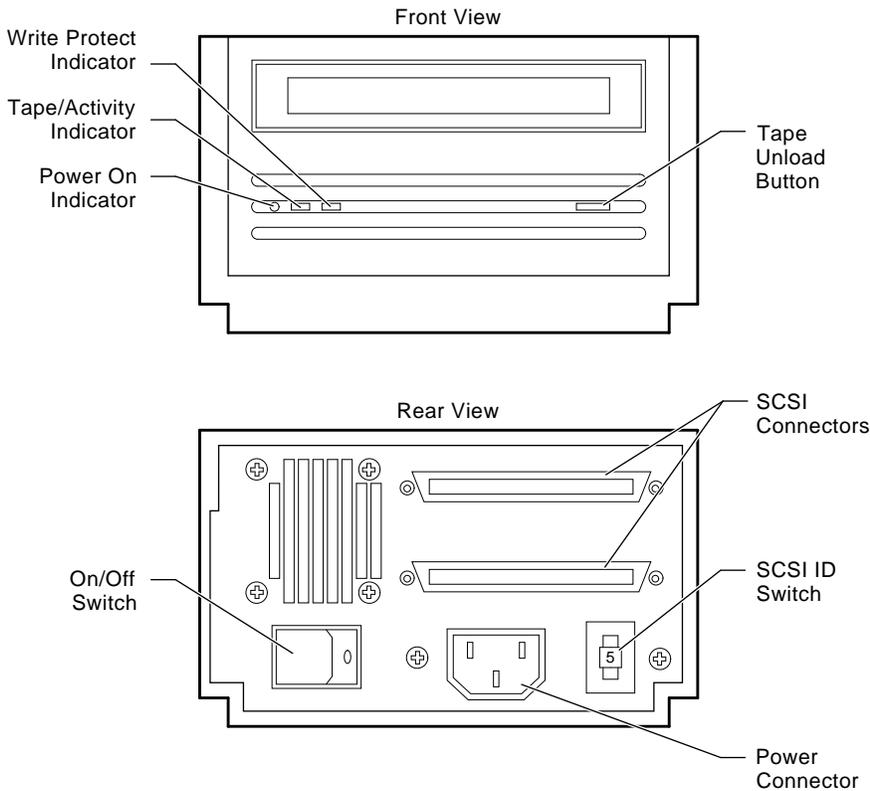
1 Revised Version TLZ07-DA Tabletop Tape Drive

Figure 1 shows the front and rear views of the revised version TLZ07-DA tabletop tape drive. The tape/activity indicator, write protect indicator, and tape unload button have been repositioned with respect to the TLZ07-DA tabletop tape drive shown in Figure 1-1 of the owner's manual. There is a slight difference in the operation of the LED indicators between the original version and the revised version. Section 4 explains the difference. Otherwise, they are identical. To operate the revised version, refer to the owner's manual.

Figure 1   Revised Version TLZ07-DA Tabletop Tape Drive

2 Revised Version TLZ07-AA/-BA Tape Drive

Figure 2 shows the front, rear, and bottom layouts of the revised version TLZ07-AA/-BA tape drive. Figure 1-2 in the owner's manual shows the layout of the original TLZ07-AA/-BA tape drive. Refer to Figure 3 for remote SCSI ID and option jumper settings located on the rear of the drive. Figure 4 shows SCSI ID and option switch settings located on the bottom of the drive.

There is a slight difference in the operation of the LED indicators between the original version and the revised version. Section 4 explains the difference.
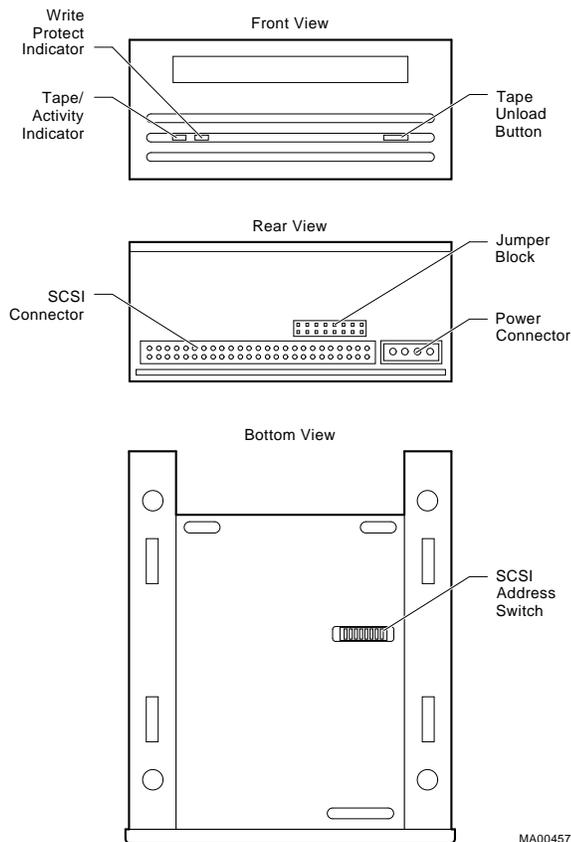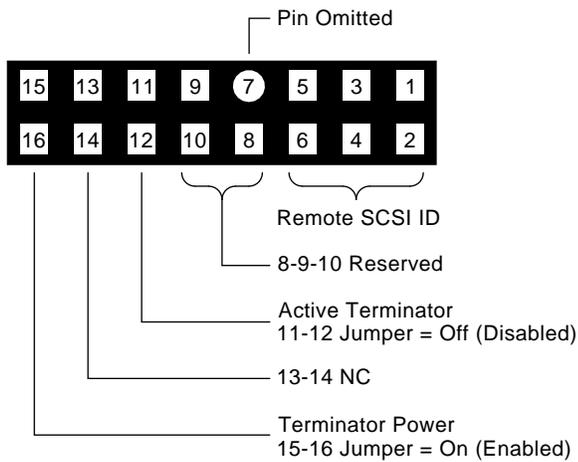
Figure 2 Revised Version TLZ07-AA/-BA Tape Drive

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Figure 3 Revised Version TLZ07-AA/-BA Tape Drive SCSI Jumper Settings

Pin Omitted

| 15 | 13 | 11 | 9 | 7 | 5 | 3 | 1 |
| 16 | 14 | 12 | 10 | 8 | 6 | 4 | 2 |

Remote SCSI ID

8-9-10 Reserved

Active Terminator
11-12 Jumper = Off (Disabled)

13-14 NC

Terminator Power
15-16 Jumper = On (Enabled)

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2.1 Revised Version TLZ07-AA/-BA Tape Drive SCSI Jumper Settings

This subsection defines the revised version TLZ07-AA/-BA jumper settings.

- Remote SCSI ID (Pins 1–6). The factory default setting is **NO** jumpers installed. If you are not using a remote SCSI ID switch, refer to Figure 4 in this supplement for instructions on how to set the SCSI ID using the switchpack on the bottom of the drive.

- Active Terminator (Pins 11,12). The factory default setting is **NO** jumper installed, terminators disabled. To enable the terminators, place a jumper on pins 11 and 12.

- Terminator Power (Pins 15,16). The factory default setting is jumper installed, Term Power enabled. To disable Term Power, remove the jumper on pins 15 and 16).

- Pins 8, 9, and 10 are reserved.

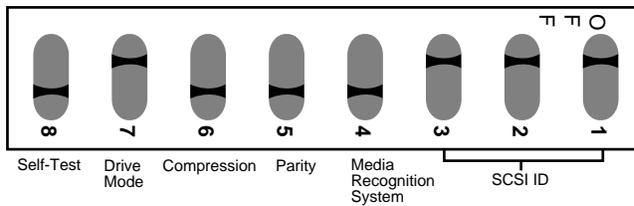- Pins 13 and 14 are unused or not connected.

3 SCSI Address Switch Settings for the TLZ07-AA/-BA Tape Drive

_____ **Caution** _____

If the remote SCSI ID jumpers are used, the SCSI ID on the switchpack must be set to the factory default setting of all switches off, ID=0.

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Figure 4 shows a close-up view of the SCSI Address switchpack for the TLZ07-AA /-BA tape drive.

Figure 4   SCSI Address Switches

S1 - S3	SCSI ID	*Default Settings:* (All OFF, ID = 0)
S4	Media Recognition System	(ON, Disabled)
S5	Parity	(ON, Enabled)
S6	Compression	(ON, Disabled)
S7	Drive Mode	(OFF, DEC TLZ07)
S8	Self-Test	(ON, Enabled)

Note: The drive must be powered down and then powered up for new switch settings to take effect.   MR-6417-AI

Drive mode (S7): Default = DEC TLZ07 mode (S7 = OFF)

---------------------------------- **NOTE** ----------------------------------

Switch S7 allows the drive to report itself as an Archive Python for
compatibility with industry standard PC software.

When the switch is in the:

– OFF position, the drive reports itself as a DEC TLZ07

– ON position, the drive reports itself as an Archive Python

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4 Difference in LED Operation Between Original Version TLZ07 and Revised Version TLZ07 Tape Drives

There is a slight difference in LED indicator operation between the original
version TLZ07 and revised version TLZ07 drives. The following example
describes the difference.

When a cleaning cartridge is inserted into an original version TLZ07 drive, both
the green and the amber LEDs illuminate at the same time.

When a cleaning cartridge is inserted into a revised version TLZ07 drive, the
green LED flashes for several seconds before the amber LED lights. The revised
version drive performs a *pre-load* of the tape before actually loading the tape
against the head. This action prevents *tape-loop* from forming when the tape is
initially inserted into the drive. Once the pre-load sequence is complete, LED
operation of the original and revised version TLZ07 drives are identical.

5 Correction to Section 2.3 of the Manual

Section 2.3 of the owner's manual indicates that the SCSI ID of the TLZ07-DA
tabletop drive is factory preset at 5. There is no factory default setting. You must
first check the tabletop drives to ensure that no address conflict exists before you
install the drive.

On the TLZ07-DA, OFF or OPEN = 0.

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