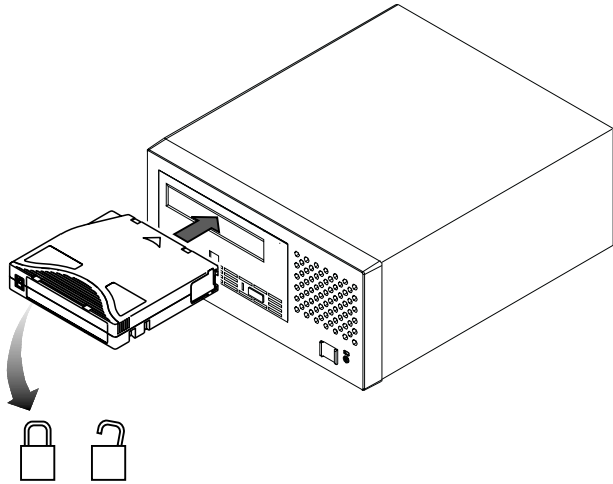




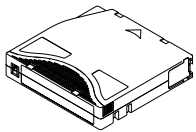
**IBM TotalStorage 3580  
Tape Drive  
Models L33 / L3H**



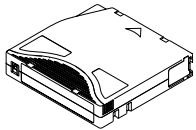
## Quick Reference



### Cartridge Types



P/N 24R1922, IBM TotalStorage  
400 GB Data Cartridge



P/N 35L2087, IBM TotalStorage  
Cleaning Cartridge (Universal)

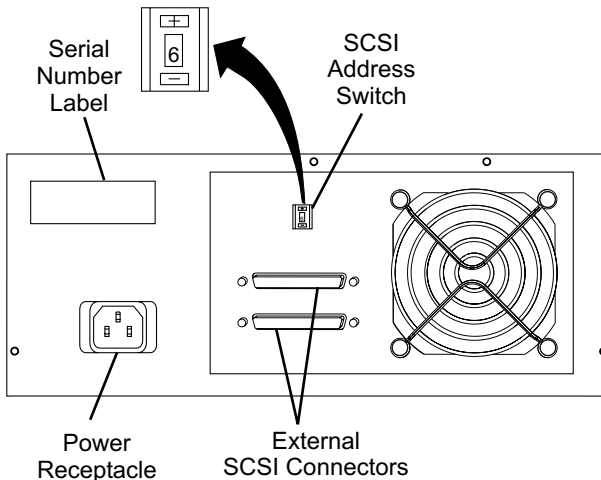
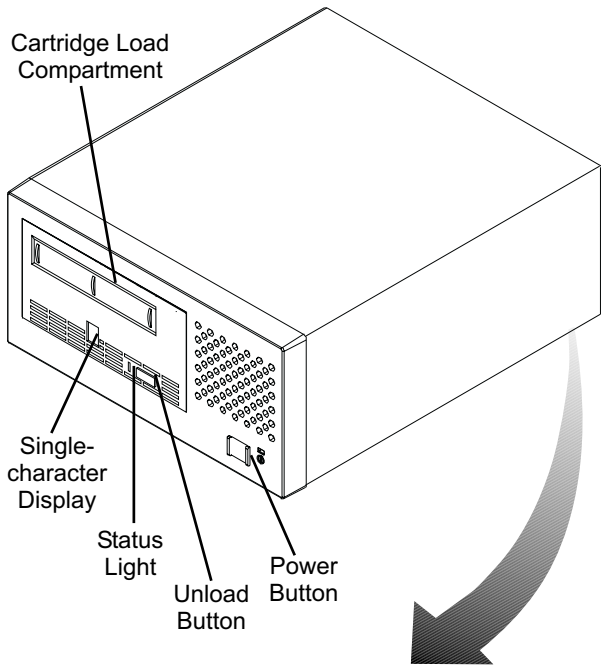


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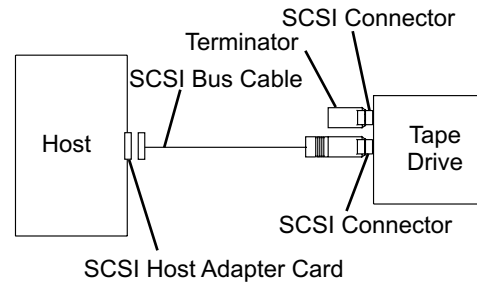
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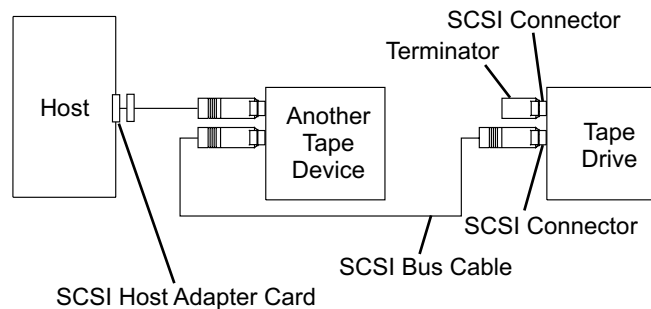
## Installation and Setup

1. Set the SCSI ID by pushing the + or - on the SCSI address switch.  
Note: Do not select an address that is already in use.
2. Press the power button to turn the power off.
3. Plug the power cord into the power receptacle on the back of the tape drive and the other end into a grounded electrical outlet.
4. Connect the SCSI bus cable between the host and the tape drive.
5. Install the SCSI terminator.
6. Press the power button to turn the power on. The tape drive runs the Power-On Self Test.
7. Refer to your host and application software manuals to configure the tape drive for use.

## Connecting the SCSI Bus Cable



Single Device on the SCSI Bus (Top View)



Multiple Devices on the SCSI Bus (Top View)

## Status Light

	The drive is idle, has no power, or is powered off.
	The drive is powered on.
	The drive is reading from the tape, writing to the tape, rewinding the tape, locating data on the tape, or unloading the tape.
	The drive is in maintenance mode or performing the Power-On Self Test.
	<ul style="list-style-type: none"> <li>• If the light flashes once per second, the drive needs cleaning or an error occurred and the drive or media may require service. Check the single-character display for the error code (see table below).</li> <li>• If the light flashes twice per second, the drive is updating firmware, or performing a firmware recovery (it resets automatically), or is requesting that a cartridge be loaded.</li> </ul>

## Error Codes

0	No error. This code displays: <ul style="list-style-type: none"> <li>• When power is cycled (turned off, then on) to the tape drive</li> <li>• When diagnostics have finished running and no error occurred</li> </ul>
1	The maximum operating temperature was exceeded.
2	The externally supplied power is outside the specified voltage limits.
3	A firmware error occurred.
4	A firmware or tape drive hardware failure occurred.
5	A tape drive hardware failure occurred.
6	A tape drive or media error occurred, but cannot be isolated to faulty hardware or to the tape cartridge.
7	A media error occurred because of a faulty tape cartridge.
8	A tape drive or SCSI bus error occurred.
9	A tape drive or RS-422 error occurred.
A	A tape drive hardware failure has occurred for conditions NOT covered by error code 5.
C	The tape drive needs to be cleaned.