Installation Instructions
Field Feature Bill of Material (FFBM)
For 8003, 8004, 8103, 8104 or 8105
LVD, HVD or Fiber Drive Installation
In a 3583 model L18/L36/L72

IBM

Installation Instructions

Document Number   19P1500 EC H80336

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Status:	Field Use

Note: This Field Feature Bill of Material (FFBM) must be installed only on the 3583 Model L18/L36/L72 for which it was shipped.

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Before Installation (Section 1 through 8)

1.0 Machines/Models Affected

This FFBM affects 3583 model L18/L36/L72 installing additional drives.

2.0 Prerequisite/Concurrent/Companion

None

3.0 Bills of Material to be Installed

PN	Quantity	Description
19P1406	1	LVD Drive Sled (FC 8003) Ultruim 1 and Instructions
19P1407	1	HVD Drive Sled (FC 8004) Ultruim 1 and Instructions
18P8587	1	LVD Drive Sled (FC 8103) Ultruim 2 and Instructions
18P8588	1	HVD Drive Sled (FC 8104) Ultruim 2 and Instructions
18P8589	1	Fiber Drive Sled (FC 8105) Ultrium 2 and Instructions

4.0 Preparation

- Read and understand the purpose and details of this installation instruction.
- Ensure that all items on the bill of materials have been received.

5.0 Program Updates

N/A

6.0 Purpose and Description

This FFBM provides a Drive Sled and Installation procedure for feature code 8003, 8004, 8103, 8104 or 8105 in a 3583 model L18/L36/L72.

7.0 Installation Time

The following times are approximate.

Install Hours	Machine Hours	System Hours	Number of Persons
0.7	0.7	0.0	1

8.0 Special Tools and Materials Required

None

Installation (Sections 9, 10, 11 and 12)

9.0 Safety

None

10.0 Details of Installation

___ 1. For installing a drive sled, refer to the procedure ″**Installing a Drive Sled**″ in **Chapter 2** of the *IBM TotalStorage Ultrium Scalable Tape Library 3583 Setup and Operator Guide*.

___ 2. Ensure that you are running the latest levels of firmware on the library, drive and RMU (if installed). To determine the highest level available, visit the web at `http://www.ibm.com/storage/lto`

Note: Be sure you select the Ultrium 2 drive code.

- Select the **Technical Support** link and check against the firmware level on the library.
- Under **Downloads and Utilities**, select **IBM Ultrium Firmware**.

If the firmware update is required, follow the ″**Updating Firmware**″ procedure in **Chapter 4** of the *IBM TotalStorage Ultrium Scalable Tape Library 3583 Setup and Operator Guide*.

11.0 Test Procedures

___ 1. Power on the Library.

___ 2. Perform a drive diagnostic test.

    ___ a. From the **Main Menu** (initial screen), select **More**.

    ___ b. Select **Service**

    ___ c. Select **Drives**.

    ___ d. To run diagnostics on the selected drive, select **OK**.

        Note: To run the diagnostic on a different drive, press the button below the **Change Drive** softkey until the number of the drive that you want displays. Press the button below the **OK** softkey.

    ___ e. Select **Diags**.

    ___ f. Press the button below the **Change** softkey until the **FAST Read/Write** diagnostic displays.

        Attention: Insert only a scratch data cartridge for this procedure. Data on the cartridge will be overwritten.

    ___ g.   Press the button below the **OK** softkey.

    ___ h. The library begins the diagnostic. When the test is complete, the library displays the message **Requested command is now complete**.

___ 3. Attach the cables to the library. Refer to the ″**Attaching Cables**″ procedure in **Chapter 2** of the *IBM TotalStorage Ultrium Scalable Tape Library 3583 Setup and Operator Guide*

12.0 Field Updating

N/A

After Installation (Sections 13 through 15)

13.0 Publications Update

N/A

14.0 Parts Disposition

__ 1. Any removed parts that are not designated for reinstallation, shall be considered the property of the customer.

15.0 Machine Records

N/A