IBM INSTALLATION INSTRUCTIONS

Feature Conversion (FC 8004 to FC 8003). Convert HVD to LVD in IBM 3583 Tape Library

Document Number 19P3850   EC H27772

SSD - Tucson

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Status:	Field Use

Note: Install this Feature Conversion Bill of Material only on the 3583 Tape Library for which it was intended.

3583 L18/L36/L72	PN 19P3850 1 of 8	EC H27772 11 JUN 01				

Before Install (Sections 1 through 8)

1.0 Machines Affected

This installation is to be performed by authorized IBM service personnel only.

This BM modifies 3583 Models L18/L36/L72 to accommodate the conversion of SCSI Bus High Voltage Differential (HVD) drive sleds to Low Voltage Differential (LVD) drive sleds for the SAN Data Gateway Module.

2.0 Prerequisites

None

3.0 FFBM To Be Installed

FFBM	Description
19P3866	Installation Instructions and Hardware

4.0 Preparation

Read and understand the purpose and details of this Installation Instruction.

Check all items listed on the bill of material to determine that all parts have been received.

You will need the *3583 Ultrium Scalable Tape Library MI* (SA37-0425-01) for this installation.

5.0 Programming Updates

None

6.0 Purpose and Description

Provides the necessary hardware for exchanging an HVD drive sled for an LVD drive sled to accommodate FC 8005 ("SAN Data Gateway Module").

Hardware to be provided includes:

- Replacement drive sled
- LVD SCSI terminator

7.0 Installation Time

7.1 For IBM Service Representative

Note: Record the actual time (code 33 complete) for the 3583 serial number. See Section 15.0, "Machine Records" on page 7.

Machine Hours	System Hours	CE Hours
0.5	0.0	0.5

8.0 Special Tools, Materials, and/or Procedures Required

None

Install (Sections 9, 10, and 11)

9.0 Safety

N/A

10.0 Details of Installation

___ 1. Ensure that the library is varied offline.

___ 2. Ensure that the library is powered off.

___ 3. Disconnect all SCSI cables to the HVD drive sled to be replaced.

___ 4. Loosen the two thumbscrews from the from the drive sled and slide the drive out using the drive handle.

___ 5. Install the new LVD drive sled.

___ 6. Use the box from the new LVD drive sled for shipment of the old HVD drive sled using the supplied return label.

___ 7. Repeat steps 3 through 6 for all remaining new drive sleds.

___ 8. Return to the procedure that sent you here.

11.0 Test Procedure

N/A

After Installation (Sections 12 through 15)

12.0 Field Updating

None

13.0 Field Support Publications

None

14.0 Parts Disposition

14.1 Removed Parts

The following REMOVED PARTS are the property of IBM, and are to be processed per section 14.2, "Packaging and Return."

- HVD drive sled(s)
- HVD terminator(s)

14.2 Packaging and Return

- The ship-to address is supplied with the RMER (Return Material Equipment Report).

- Dispose of all remaining parts per local recover and reclamation procedures.

15.0 Machine Records

15.1 For IBM Service Representative

__ 1. Fill out a QSAR (code 33 complete) against the appropriate machine serial number, and update all appropriate field records to reflect the installation of this EC.

   - FC 8004 to FC 8003 conversion