

## **IBM** CUSTOMER INSTALLATION INSTRUCTIONS

### **Install Inline SCSI Terminator for the 3580 Model H11/L11, H13/L13 or H23/L23, 3581 Model H17/L17, H13/L13 or H23/L23, 3582 Model L23, or 3583 Model L18/L36/L72**

Document Number 19P4158 EC H80333

SSD, Tucson

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**Status:** Field Use

**Note:** Install this Field Feature Bill of Material (FFBM) only on the 3580 Model H11/L11, H13/L13 or H23/L23 or 3581 Model H17/L17, H13/L13 or H23/L23.

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# Before Installation

## 1.0 Machines Affected

**Note:** This Field Feature Bill of Material (FFBM) affects only 3580 Model H11/L11, H13/L13 or H23/L23 or 3581 Model H17/L17, H13/L13 or H23/L23.

## 2.0 Prerequisites / Concurrent / Companion

None

## 3.0 Terminator To Be Installed

### 3.1 Inline SCSI Terminator

Terminator	Description
19P4156	3580 HP V or N CLASS SERVER (FC 5098)
19P4157	3581 HP V or N CLASS SERVER (FC 5098)
18P8691	3582 HP V or N CLASS SERVER (FC 5098)
19P3120	3583 HP V or N CLASS SERVER (FC 5098)

## 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 following documentation (as appropriate):

- *IBM TotalStorage Ultrium Tape Drive 3580 Models L11 and H11 Setup and Operator Guide* (GA32-0415-xx)
- *IBM TotalStorage Ultrium Tape Drive 3580 Models L13 and H13 Setup and Operator Guide* (GA32-0456-xx)
- *IBM TotalStorage Ultrium Tape Drive 3580 Models L23 and H23 Setup and Operator Guide* (GA32-0460-xx)
- *IBM 3581 Ultrium Tape Autoloader Models L17 and H17 Setup and Operator Guide* (GA32-0412-xx)

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- *IBM 3581 Ultrium Tape Autoloader Models L13, H13, L23 and H23 Setup and Operator Guide* (GA32-0461-xx)
- *IBM TotalStorage Ultrium Tape Library 3582 Setup, Operator, and Service Guide* (GA32-0458-xx)
- *IBM TotalStorage Ultrium Scalable Tape Library 3583 Setup and Operator Guide* (GA32-0411-xx)

**Note:** Go to <http://www.storage.ibm.com/lto> for the latest version of documentation.

## 5.0 Programming Updates

None

## 6.0 Purpose and Description

This FFBM will provide Inline SCSI Terminator.

## 7.0 Installation Time

Install Hours	Machine Hours	System Hours	No. of Persons
0.5	0.5	0.5	1

## 8.0 Special Tools, Materials, and/or Procedures Required

None.

# Installation

## 9.0 Safety

### 9.1 Subsystem power

Subsystem power must be switched off for this installation.

## 10.0 Details Of Installation

**Warning:** Some parts handled during this procedure are sensitive to electrostatic discharge (ESD). You must wear an ESD grounding strap.

### 10.1 Power Off Procedure

- \_\_\_ 1. Ensure all devices on the SCSI bus are varied off-line.
- \_\_\_ 2. Ensure power is switched off the server and all devices on the SCSI bus.

### 10.2 Connecting the Inline SCSI Terminator at the Host

Install the Inline SCSI terminator at the attachment point of the SCSI cable to the host. Be sure to securely attach the Inline SCSI terminator before attaching the SCSI cable. See Table 1.

Table 1. Terminator		
Host	Description	Interposer
HP	Inline SCSI terminator	19P0378 (FC5098)
<b>Note:</b> Refer to your host documentation for the latest information.		

Go to Section 11.0, "Power on Self Test" on page 5.

# HP SCSI Cable Attachment

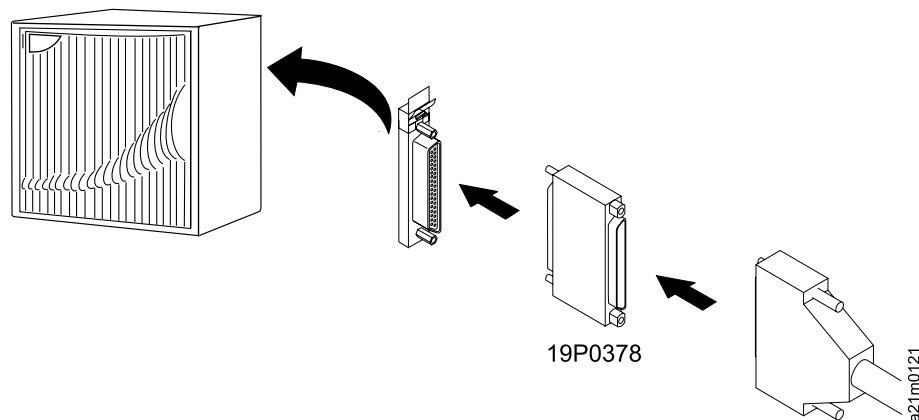


Figure 1. Installing Inline SCSI Terminator

## 11.0 Power on Self Test

**Note:** When the 3580, 3581, 3582 or 3583 is powered down, wait approximately five seconds before powering the machine on again.

- \_\_\_ 1. Before proceeding to step 2, make sure that all of the device's cables are properly seated.
- \_\_\_ 2. Set the Power switch to the **On** position. The power-on self-test runs automatically.
  - a. This power-on test takes approximately 2.5 minutes to complete.
  - b. When the test is running, the panel indicates **Power on self test initialization is in progress**.
  - c. Communications with the interface is not acknowledged during the power-on self-test.
- \_\_\_ 3. If a failure occurs, a message can be posted in the operator panel or the operator panel can be blank.
  - a. If either of these conditions exist, refer **Chapter 5** of the appropriate Setup, Operator and Service Guide. for further analysis.
  - b. When any faults are corrected, return here.
- \_\_\_ 4. From the host system, execute a SCSI inquiry command to verify communication to the 3580, 3581, 3582 or 3583 device.

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## After Installation/Removal

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### 12.0 Field Updating

N/A

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### 13.0 Field Support Publications

N/A

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### 14.0 Parts Disposition

All removed parts are the property of the customer.

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### 15.0 Machine Records

N/A