



Digital 2100 Server

BA350x Internal StorageWorks Shelf Installation and Configuration

EK-B350X-IN. A01

April 1994

This document includes all information that is required to install and configure the BA350x internal StorageWorks shelf in the Digital 2100 Server Model 500MP system.

April 1994

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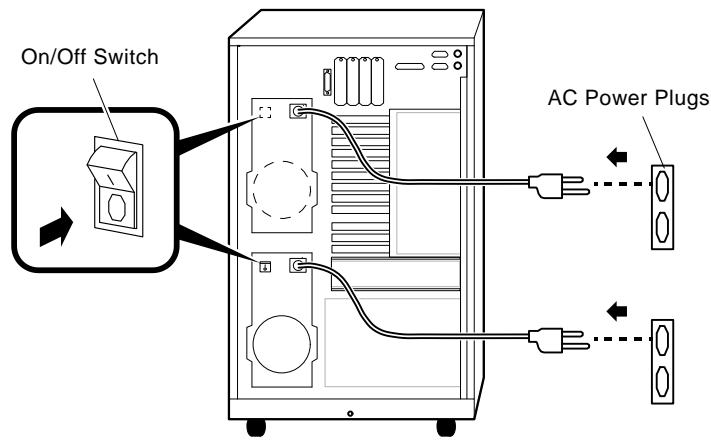
FCC Notice: The equipment described in this manual generates, uses, and may emit radio frequency energy. The equipment has been type tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such radio frequency interference when operated in a commercial environment. Operation of this equipment in a residential area may cause interference, in which case the user at his own expense may be required to take measures to correct the interference

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Model 500MP StorageWorks Shelf Installation

The following five steps illustrate how to install the StorageWorks shelf.

Step 1: Disconnect the AC Power



Caution: Before opening or removing system panels:

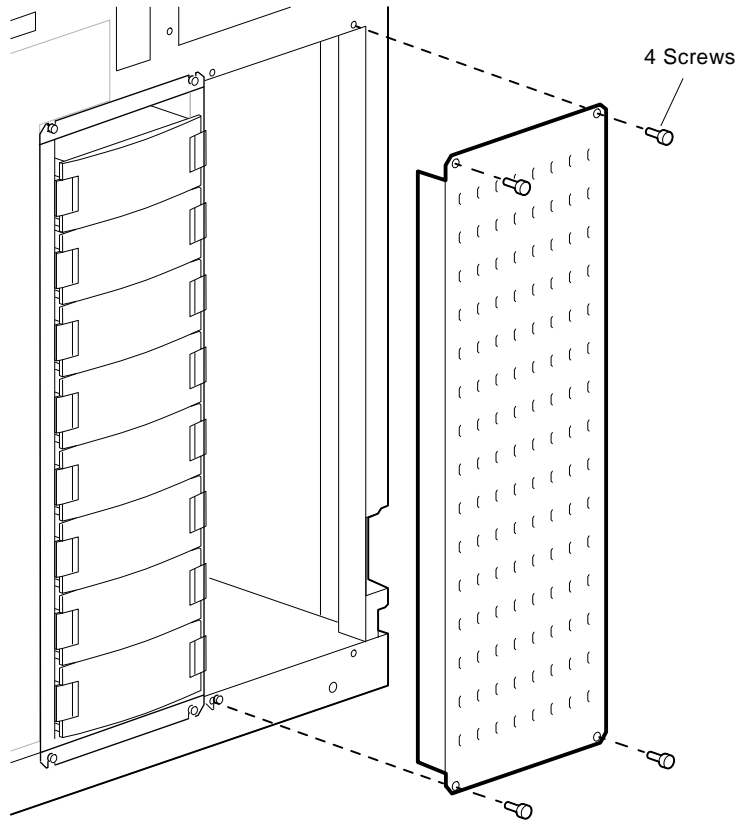
1. Perform orderly shutdown of the operating system.
2. Shut off the DC power switch on the OCP.
3. Shut off AC power by setting the AC On/Off switch on each power supply to Off.

Note: Some power supplies do not have an AC On/Off switch.

4. Unplug the AC power cord for each power supply.

StorageWorks Shelf

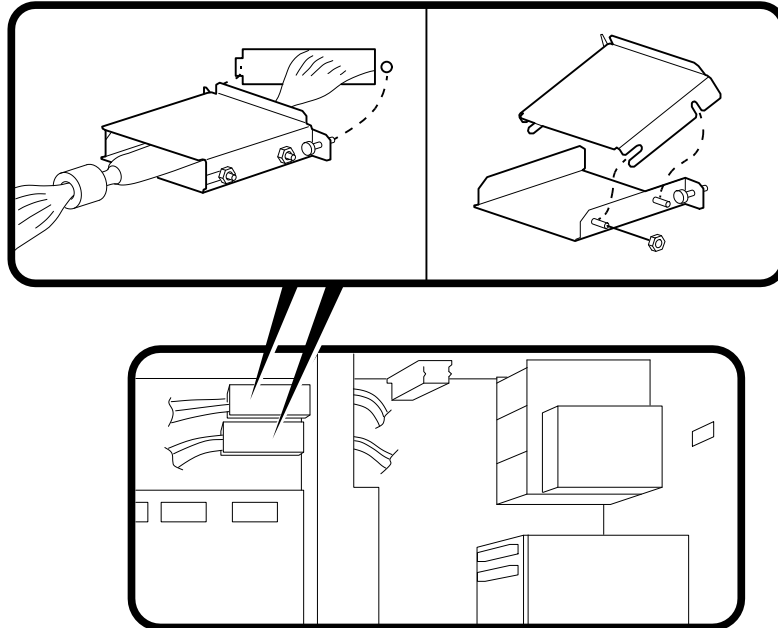
Step 2: Remove the Grill Cover



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Step 3: Remove the Cable Routing Box

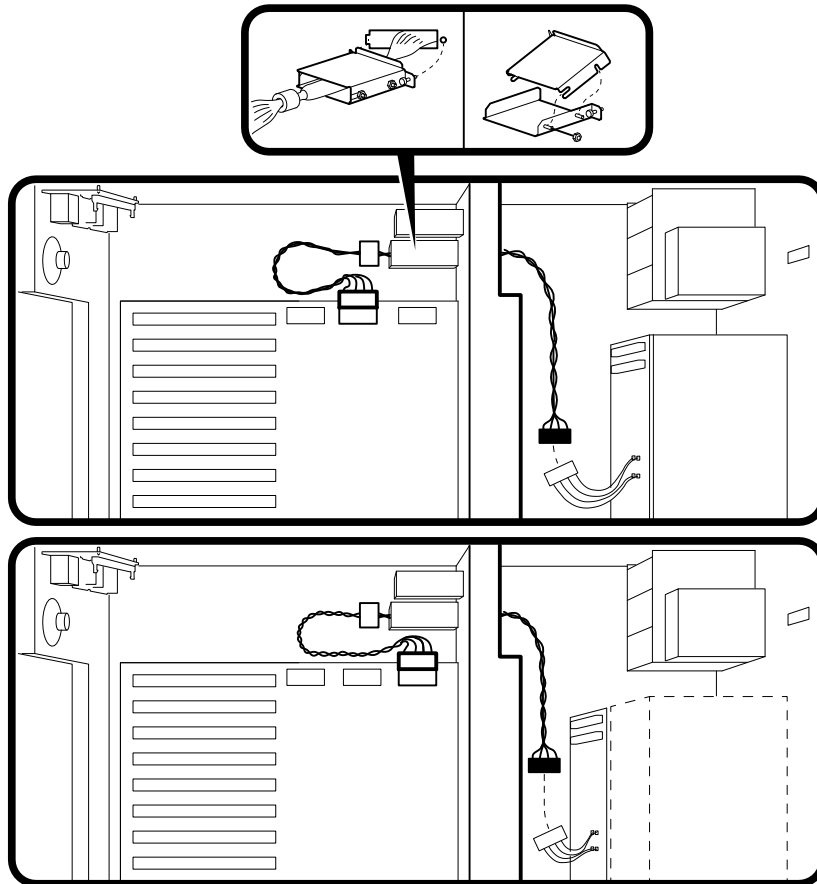
Remove the forward cable routing box so that you can reach the rear cable routing box. The following illustration displays how to remove a cable routing box.



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Step 4: Installing the Power Cables

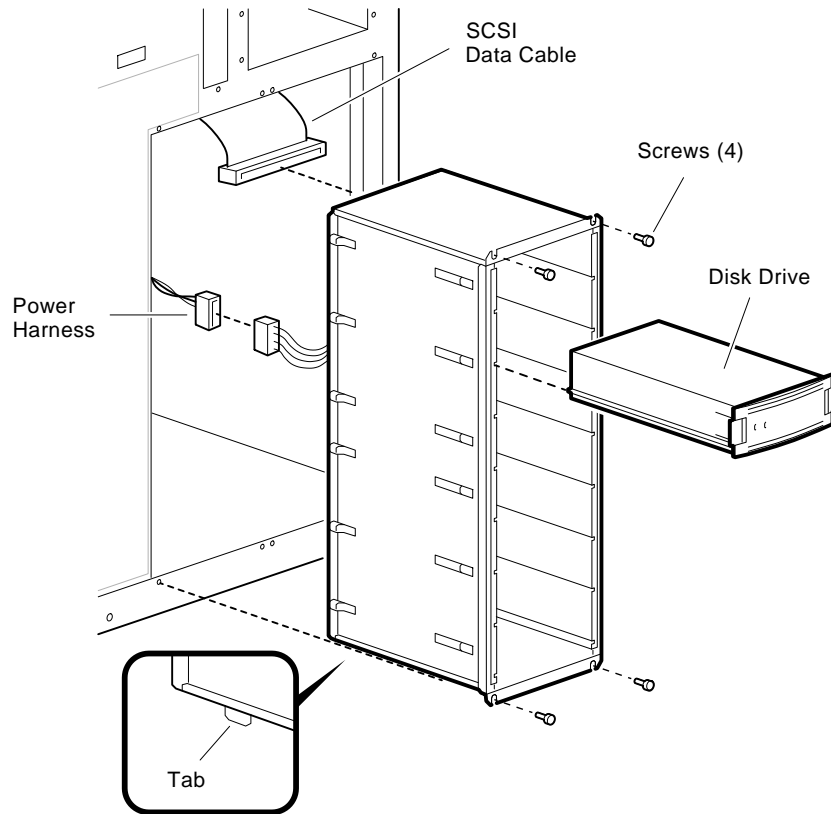
The following illustration shows how to install and route power cables.



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Step 5: Installing the Shelf

The following illustration shows the installation of the StorageWorks shelf into the Model 500MP.

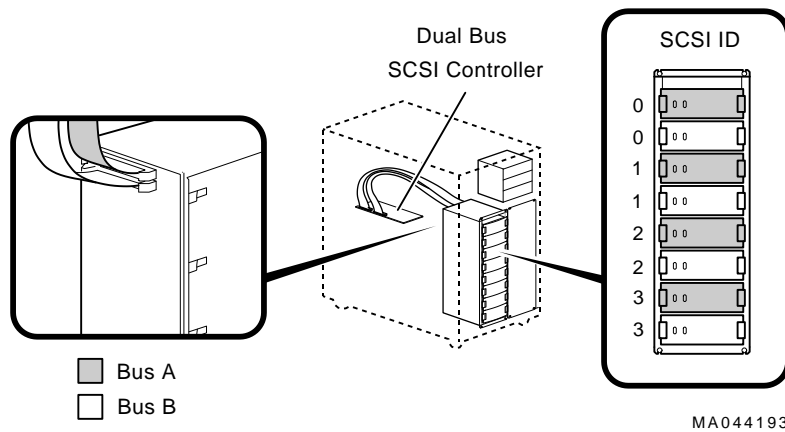


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Configuring the StorageWorks Shelf

The backplane of the StorageWorks shelf supplies the drive's SCSI node ID according to the location of the drive within the storage shelf. Each internal StorageWorks shelf must be configured as a dual bus. In this configuration, up to four pairs of drives can be installed (node IDs 0–3, top to bottom).

Configuring the Internal StorageWorks Backplane

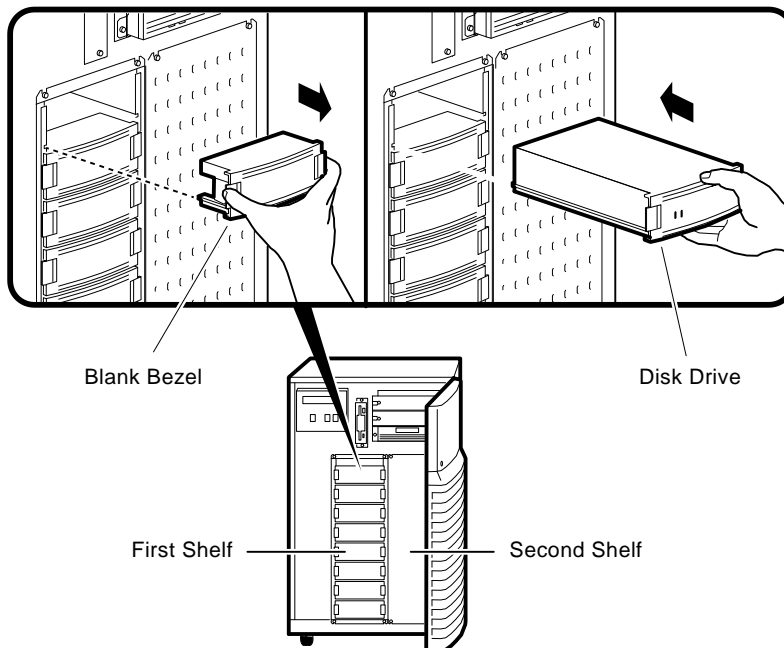


Installing Fixed Disks

Install fixed disks as shown in the following illustration:

1. Remove a blank bezel by pressing the two mounting tabs and pulling the bezel out of the shelf.
2. Insert the fixed-disk drive into the guide slots and push it in until the tabs lock in place.

Installing Fixed-Disk Drives



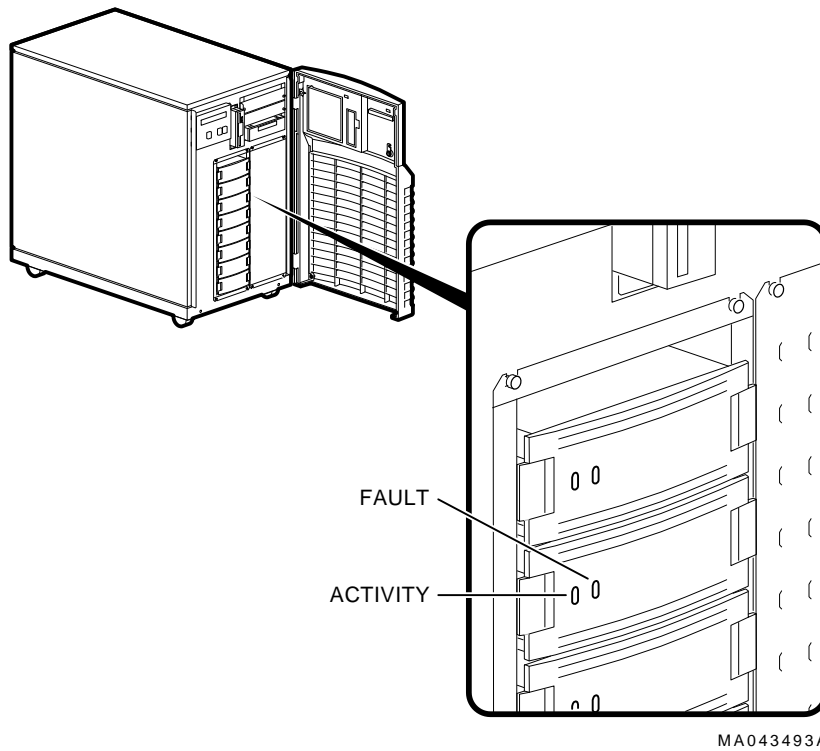
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Note

To ensure proper airflow, install a drive or blank bezel into all StorageWorks slots.

LED Information

The location and interpretation of LEDs are shown below.



LED Status

LED	Status	Meaning
Activity	Blinks	Reads or writes to disk
Fault	On	Problem exists

Ordering Information

Option	Order Number
BA350x Internal StorageWorks Shelf	BA35E-SA

Document	Order Number
<i>StorageWorks SWXCR RAID Subsystem User Information</i>	EK-SWRA2-IG
<i>Digital 2100 Server Model 500MP/500MP-R/600MP Series Service Guide</i>	EK-KN450-SV
<i>Digital 2100 Server Model 500MP Series Owner's Guide</i>	EK-KN450-OP