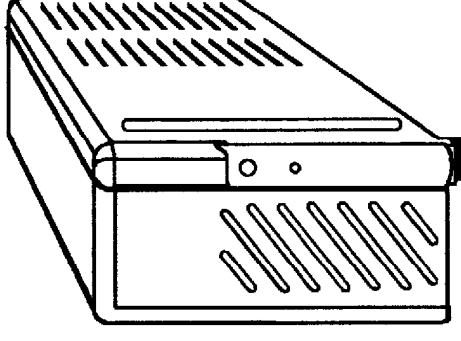


Storage Systems Division

OSM3000 Open Storage Devices

Disk Drive Enclosure

- New packaging of disk storage devices for the OSM
 - Optimized for 3.5" form factor disk devices
 - Drive protected from hand contamination
- Composite polymer design
- Single Connector Architecture 2 (SCA-2) connector
- Equipped with a bar latching mechanism
 - Optional use locking feature
- Designed for handling by non-technicians
 - Rapid Replacement Modules (RRM)
- Multiple drive capacities offered



Unisys  Information

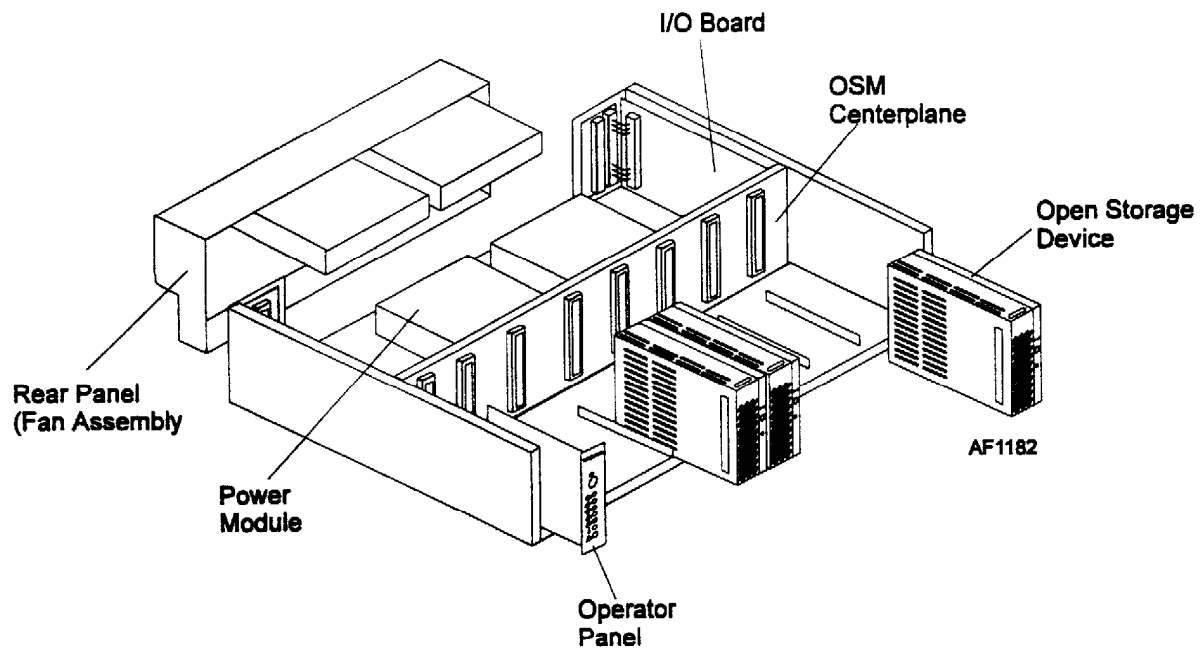


Figure 1-4. OSM3000 Subsystem (Exploded View)

Open Storage Device (OSD)

Description

The open storage device is a plastic enclosure that houses a single 3.5 inch half-height low profile single-ended SCSI disk drive. The disk drive inside the device cage has a SCA-2 (Single Connector Attachment) connector located at the back of the plastic enclosure and mates directly to the OSM3000 centerplane. At least one open storage device must be installed in the OSM3000.

Equipment

The OSD is equipped with a bar latching mechanism that allows for removal and replacement of each drive. The OSD can be removed and replaced while the system remains powered on.

Note: *The recommended procedure for hot replacement of disk devices on the OSM3000 single-ended SCSI bus is to quiesce I/Os to all drives on the SCSI bus before removing the drive to be replaced.*

A green and red LED are located directly above the device.

- **The green LED** lights whenever the device is in its power-up sequencing states or is performing I/O transfers. This LED is Off when the device SCSI port is idle, or when the device has no power.

Introduction

- **The red LED** lights when set by the host or controller for configurations that support this feature. The LED is Off at all other times. The functionality of the red LED requires the presence of the environmental board and is controlled by the host.

Note: *If a power loss occurs while firmware is being downloaded to the disk drive, the drive may becoming unusable; if this occurs, return the disk drive to the supplier for repair.*

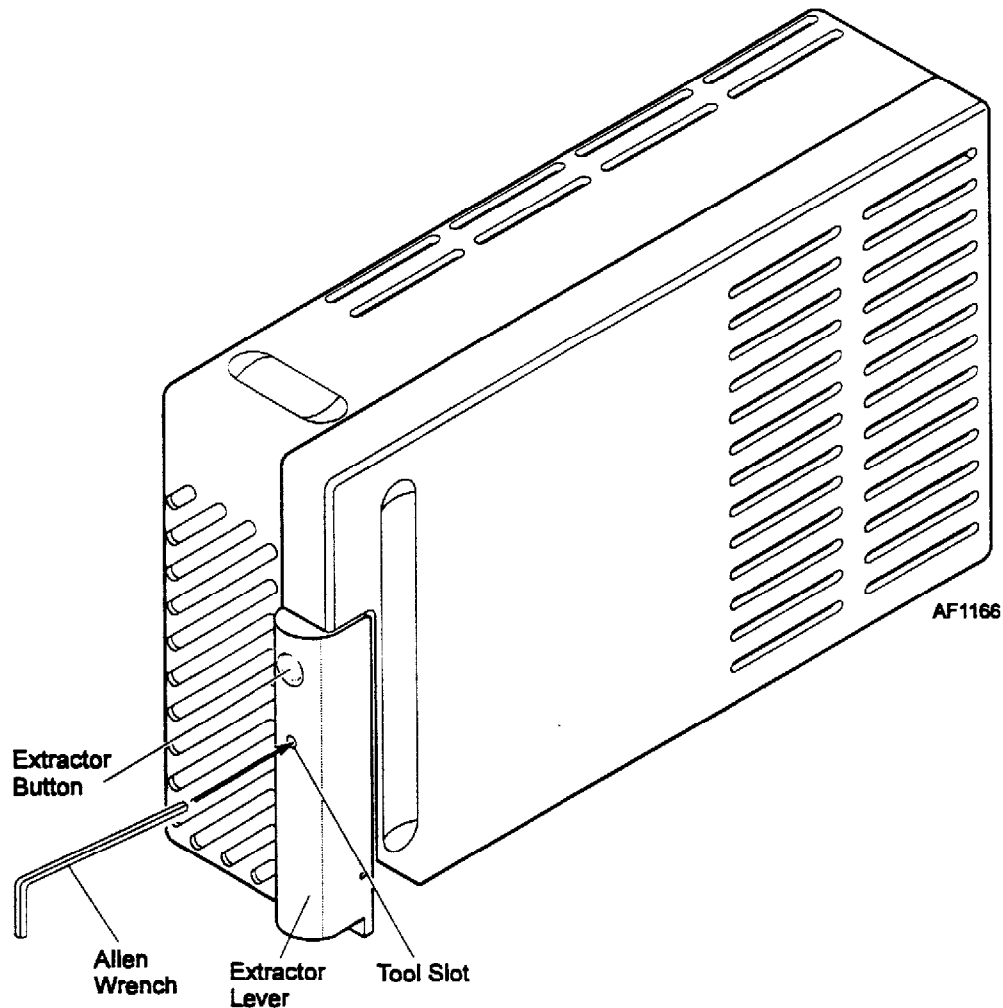


Figure 1-5. Open Storage Device

Transport

When transporting the OSM3000, the extractor lever on the OSD must be locked in position with the 3/32 inch Allen wrench provided. To lock the device cage with the Allen wrench, rotate the tool 90° counterclockwise.