Replacing a Sun Fire V20z or Sun Fire V40z Hard Disk Drive

This document contains:

Note – SCSI hard disk drives are hot pluggable in integrated mirroring (IM) configurations.

Replacing a HDD in a Sun Fire V20z Server

To withdraw the hard disk drive and carrier:

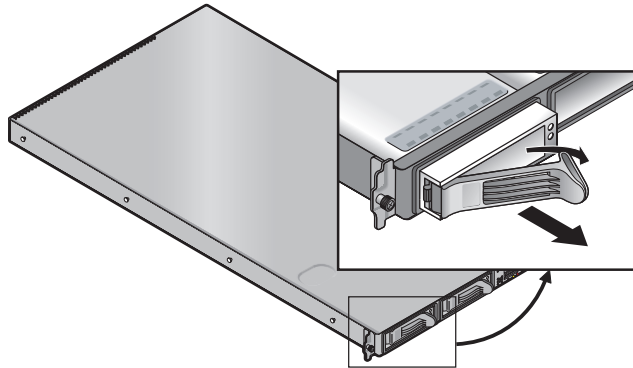1. **Squeeze the release latch and carefully swing the arm to the left as far as it will go.**

FIGURE 1   SCSI Hard Disk Drive Carrier and Latch Release

2. **Grasp the carrier bezel with both hands and carefully pull the carrier out of the drive bay.**

Note – Avoid using the arm to remove the carrier.

To insert the SCSI hard disk drive and carrier:

1. **Squeeze the release latch and carefully swing the arm to the left as far as it will go.**

2. **Grasping the body of the drive in both hands, carefully guide the connector end of the SCSI carrier into the drive bay, sliding the carrier into the bay until the arm engages and partially closes itself.**

3. **Push the arm forward and latch it to lock the carrier in place.**

Replacing a HDD in a Sun Fire V40z Server

To withdraw the hard disk drive and carrier:

1. **Turn off the system, including any attached peripherals.**

   Refer to the *Sun Fire V20z and Sun Fire V40z Servers User Guide* for full instructions on powering off the server.

2. **Loosen the captive screw on the cover latch, then rotate the latch toward the system rear to push back the cover.**
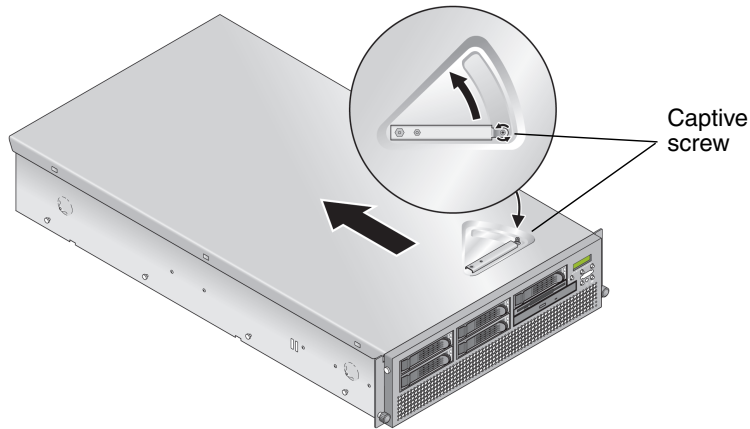
3. **Lift the cover up and remove it.**

FIGURE 2   Removing the Sun Fire V40z Cover

4. **Squeeze the release latch and carefully swing the arm to the left as far as it will go (see** FIGURE 3**).**
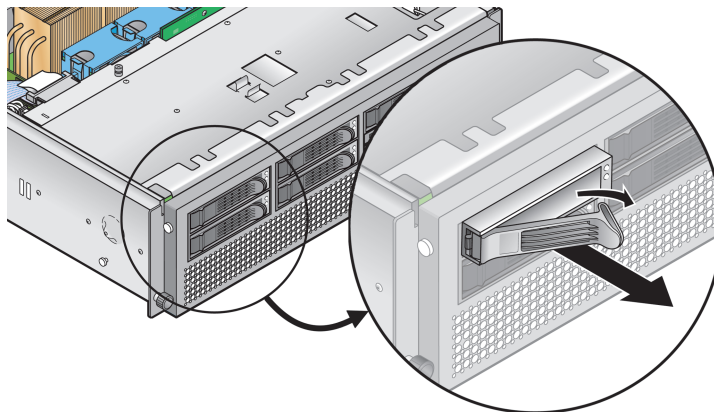

FIGURE 3   SCSI Hard Disk Drive Carrier and Release Latch, Sun Fire V40z

5. **Grasp the carrier bezel with both hands and carefully pull the carrier out of the drive bay.**

Note – Avoid using the arm to remove the carrier.

To insert the SCSI hard disk drive and carrier:

1. **Squeeze the HDD release latch and carefully swing the arm to the left as far as it will go.**

2. **Grasping the body of the drive in both hands, carefully guide the connector end of the HDD into the drive bay, sliding the carrier into the bay until the arm engages and partially closes itself.**

3. **Push the arm forward and latch it to lock the carrier in place.**

Installing an Optional Sixth HDD and Adapter (Sun Fire V40z Only)

You can optionally install a sixth HDD in the bay that normally contains the DVD/diskette drive assembly. To do this, install the required adapter in the bay as described in the following procedure.

1. **Remove any DVD/diskette drive assembly from its bay.**

2. **Install the adapter into the chassis below the operator panel assembly, as shown in** FIGURE 4**. Push the adapter in until it stops against the chassis.**

3. **Tighten the two captive screws as shown to secure the adapter in place.**
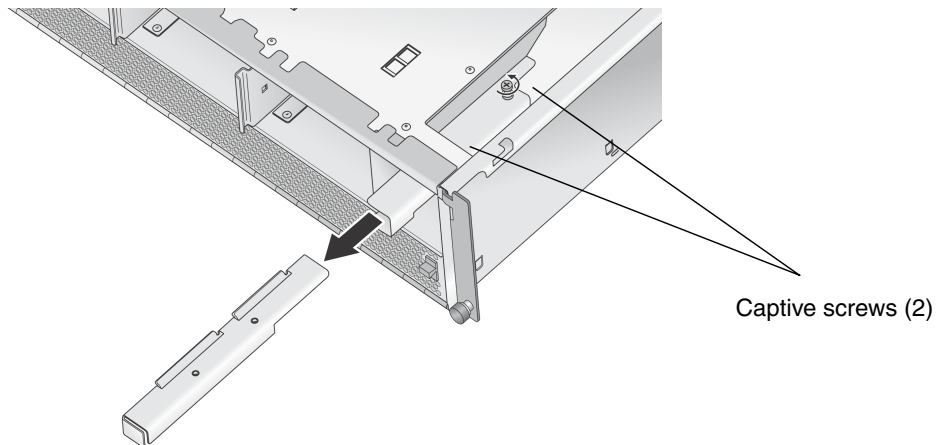

Captive screws (2)

FIGURE 4   Installing the Sixth HDD Bay Adapter

4. Install the HDD and carrier as described in **“Replacing a HDD in a Sun Fire V40z Server” on page 2.**

5. Disable the diskette drive setting in the server BIOS:

    a. Reboot the server and press F2 to enter BIOS setup when the server begins to reboot.

    b. In the BIOS Main menu, select Legacy Diskette A and change its setting to Disabled.

    c. Press F10 to exit BIOS settings.

        When you are prompted whether to save changes, select Yes.

Part Number: 817-5256-11
May, 2004, Revision A

Replacing Sun Fire V20z and Sun Fire V40z Hard Disk Drives