

Replacing a Sun Fire™ V20z or Sun Fire V40z Super CRU Chassis

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To Replace a Sun Fire V20z Super CRU

Before You Start

Note – If you have an original release (chassis part number [PN] 380-0979) of the Sun Fire V20z server, you may receive as a Super CRU the updated release (chassis PN 380-1168) of the server.

If you want to install the Solaris™ 9 Operating System (OS) on an updated release of the Sun Fire V20z server, you must download a Solaris OS Install-Time Update (ITU) from the Web site. This ITU is required during OS installation.

The Solaris OS ITU is available from the product Web site:

<http://www.sun.com/servers/entry/v20z/downloads.html>

Replacing the Super CRU

Refer to the Service Label, on the inside of the chassis cover, for the location of the component.

The Super CRU is a chassis containing certain components and customer replaceable units (CRUs). To install a Super CRU, you must remove all of the CRUs from the system to be replaced. Then, reinstall all of those components in the new Super CRU chassis.

Note – The only CRU that is included in the Sun Fire V20z Super CRU is the Operator Panel Board/LCD assembly. You must swap out all other CRUs from your old system.

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

Refer to the *Sun Fire V20z and Sun Fire V40z Servers User Guide (817-5248)* for full instructions on powering off the server.

2. While pressing the cover latch release button with your right thumb (A), slide the cover towards the rear of the chassis until it contacts the stop (B).

3. Lift the cover up and remove it.

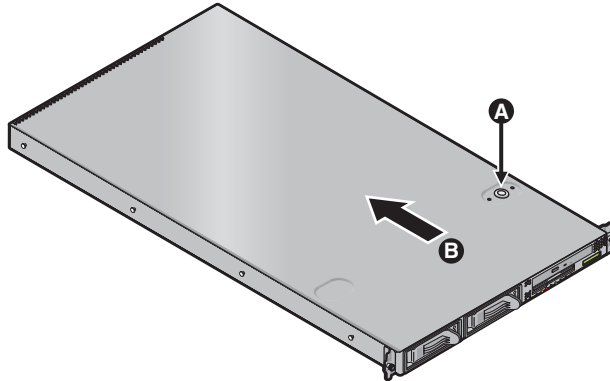


FIGURE 1 Removing the Cover

4. Remove the following components and reinstall them in the Super CRU chassis.

Refer to the appropriate instructions in the *Sun Fire V20z and Sun Fire V40z Servers User Guide (817-5248)* to remove and replace each component.

- I/O Board
- PCI Card(s) and Risers (2)
- Hard Disk Drive (1-2) and Carrier (2)
- SCSI Backplane
- CD-ROM/DVD/Floppy Disk Drive Assembly
- Power Supply
- Cooling Fans (6)
- Memory VRMs (1-2)
- CPU VRMs (1-2)
- Memory Modules (1-8)
- CPUs and Heatsinks (1-2)

Note – You must remove the center air baffle (with the part number label) from the system being repaired and install it in the Super CRU. The part-number label contains important information about the components in your particular system.

FIGURE 2 shows the locations of the components inside the Sun Fire V20z chassis.

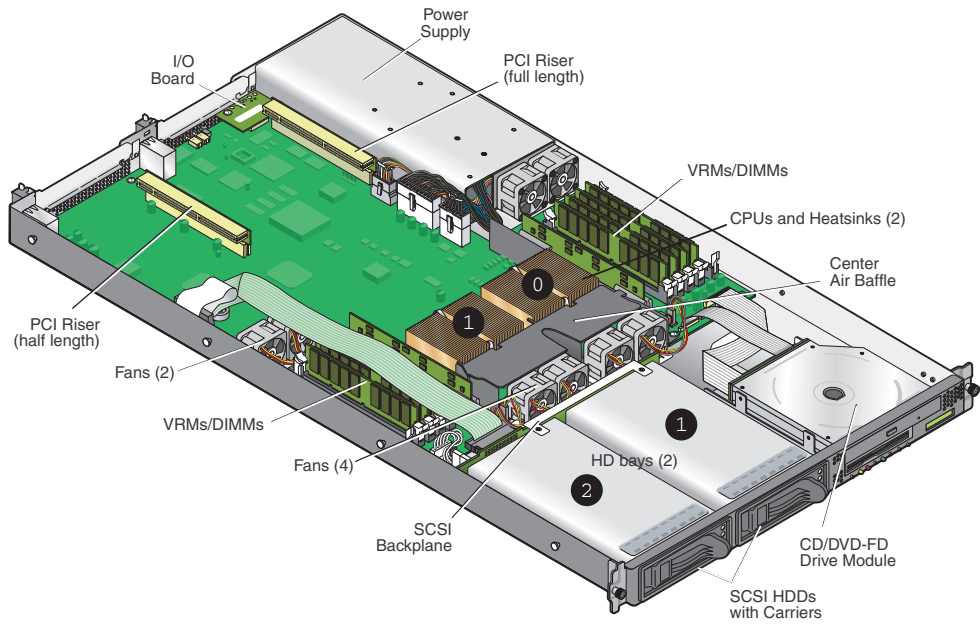


FIGURE 2 Sun Fire V20z Component Locations

To Replace a Sun Fire V40z Super CRU

The Super CRU is a chassis containing certain components and customer replaceable units (CRUs). To install a Super CRU, you must remove all of the CRUs from the system to be replaced. Then, reinstall all of those components in the new Super CRU chassis.

Note – The only CRUs that are included in the Sun Fire V40z Super CRU are the PCI riser, the SCSI backplane assembly, the rear fan cage assembly, and the operator panel assembly. You must swap out all other CRUs from your old system.

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

Refer to the *Sun Fire V20z and Sun Fire V40z Servers User Guide (817-5248)* 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.

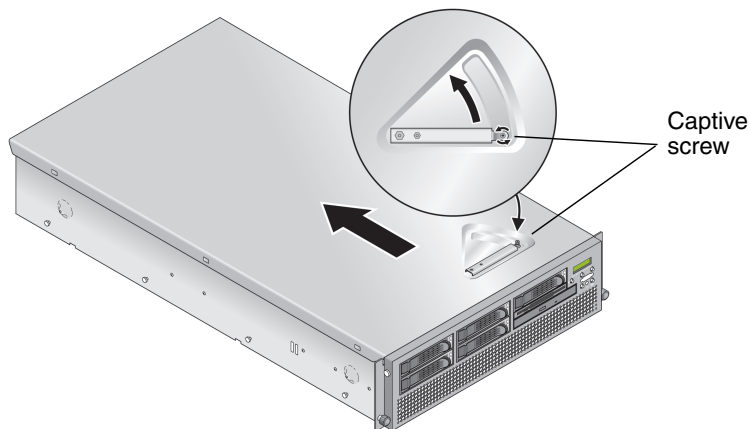


FIGURE 3 Removing the Sun Fire V40z Cover

4. Remove the following components and transfer them to the new Super-CRU chassis.

Refer to the appropriate instructions in the *Sun Fire V20z and Sun Fire V40z Servers User Guide (817-5248)* to remove and replace each component.

- PCI Card(s)
- Hard Disk Drives and Carriers
- DVD/Diskette Drive Assembly
- CPU Card (optional)
- Operator panel/LCD assembly
- Cooling Fans
- Front fan cage assembly
- Memory VRMs (on motherboard and CPU card)
- CPU VRMs (on motherboard and CPU card)
- Memory Modules (on motherboard and CPU card)
- CPUs and Heatsinks (on motherboard and CPU card)
- Power Supplies
- Power-Supply Cage Assembly
- System battery
- Cables

FIGURE 4 shows the locations of the components inside the Sun Fire V40z chassis.

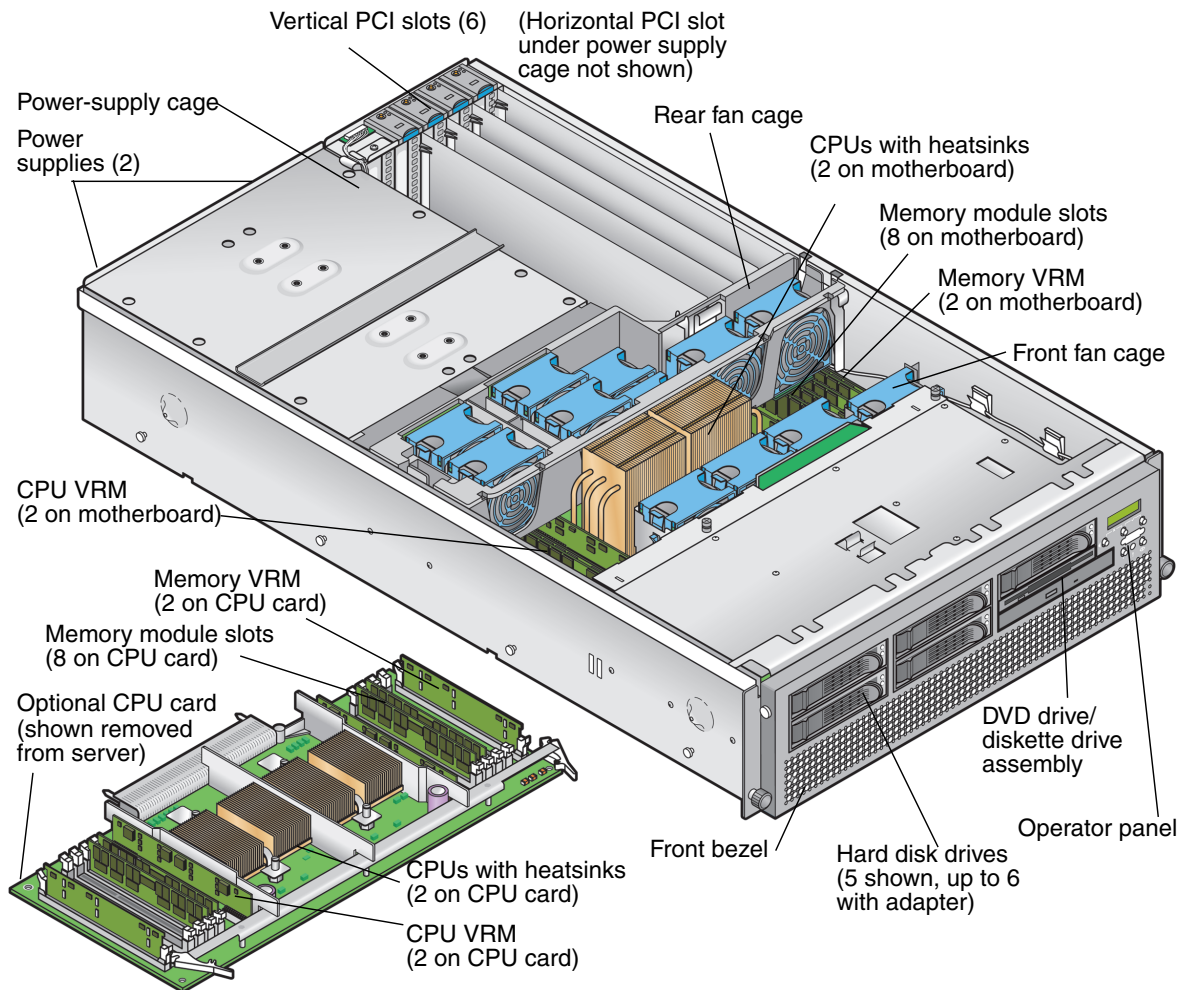


FIGURE 4 Sun Fire V40z System Component Locations

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