

Replacing the Sun Fire v20z or Sun Fire V40z Cable Kit

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Replacing a Cable Kit in a Sun Fire V20z Server

Follow these steps to remove and replace the following cables (refer to [FIGURE 2](#)):

- Five-pin cable connecting the SCSI backplane to the motherboard (1).
- 68-pin ribbon cable connecting the SCSI backplane to the motherboard (2).
- Flat cable connecting the SCSI backplane to the motherboard (3).
- Flat cable connecting the CD-ROM/DVD to the motherboard (5).
- Flat cable connecting the Diskette Drive to the motherboard (6).
- Flat cable connecting the operator panel board to the motherboard (7).

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. 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.

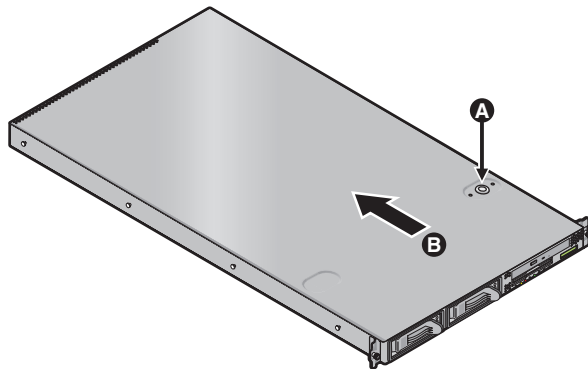


FIGURE 1 Removing the Sun Fire V20z Cover

4. Identify the cable to be replaced.

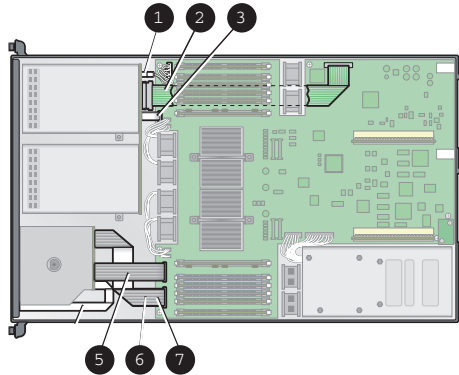


FIGURE 2 Sun Fire V20z System Cables

The two halves of the 5-pin SCSI backplane power cable connector (1) are secured with a hook.

The 68-pin SCSI ribbon cable (2) has no locking mechanism.

The small flat cables (3-7) are attached using two different types of zero insertion force (ZIF) cable connectors. Because of their small size, it may be difficult to distinguish one connector type from the other.

Refer to [FIGURE 3](#) for the methods used to release cables from the various types of connectors.



Caution – Use caution when removing cables as they are fragile—the small flat flexible cables and cable connectors are extremely sensitive.

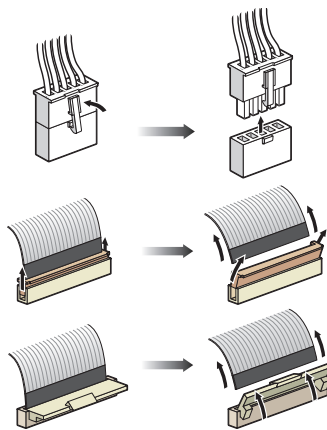


FIGURE 3 Cable Connectors

5. Check the routing of all cables for obstructions before reinstalling the cover.

Replacing a Cable Kit in a Sun Fire V40z Server

The following procedure describes how to remove and replace the following cables:

- PCI slot mechanical retention latch (MRL) board cable
- Operator panel board cable
- SCSI signal cable
- SCSI backplane power cable
- CD-ROM/DVD-ROM diskette drive assembly cable
- Internal USB cable

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.

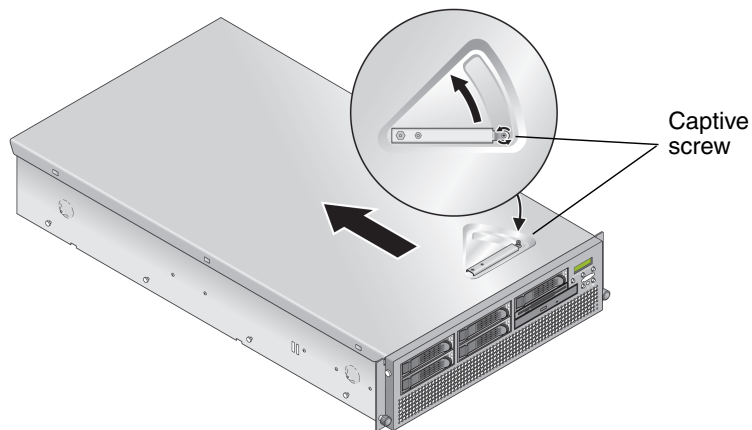


FIGURE 4 Removing the Sun Fire V40z Cover

4. Identify the cable to be replaced (see [FIGURE 5](#) for the location).

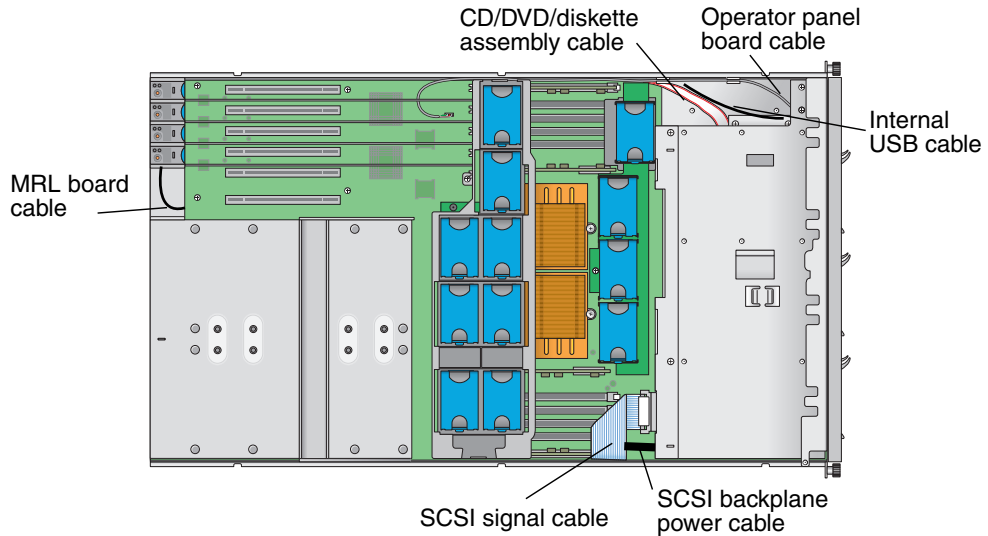


FIGURE 5 Sun Fire V40z System Cables

Refer to [FIGURE 3](#) for the methods used to release cables from the various types of connectors.



Caution – Use caution when removing cables because connectors and pins are very fragile and can be damaged.

5. Check the routing of all cables for obstructions and then reinstall the cover.

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