

Replacing the Sun Fire V20z or Sun Fire V40z System Battery

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The system battery is a common CR2032 calculator battery.

You may need to replace the system battery if you know it is weak or if after any period of AC power loss, the BIOS loses its' CMOS settings or if the time-of-day clock loses time.

Note – The server BIOS is reset to factory settings when you replace the battery.



Caution – Do not attempt to open or service batteries. The battery contains lithium and can explode if not properly used, handled, or disposed of. Do not dispose of the battery with regular waste. Discard used batteries according to the manufacturer's instructions or contact your local waste disposal agency for the location of the nearest battery deposit site.

Replacing a System Battery in a Sun Fire V20z Server

To Remove the System Battery:

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.

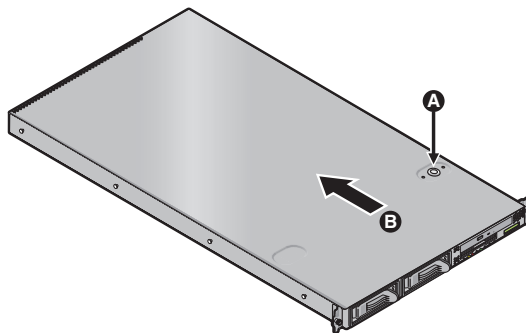


FIGURE 1 Removing the Sun Fire V20z Cover

Note – The system battery is located on the motherboard, next to the connector for the 68-pin ribbon cable coming from the SCSI backplane.

4. Remove the system battery by sliding it back and prying it from the holder.

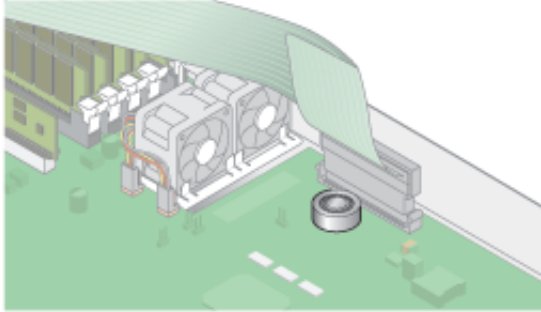


FIGURE 2 Removing the Sun Fire V20z System Battery

To Replace the System Battery

1. Install the new system battery into the holder with the side labeled “+” facing up.

Note – Replace the battery only with the identical model.

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

Replacing a System Battery in a Sun Fire V40z Server

To Remove the System Battery:

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.

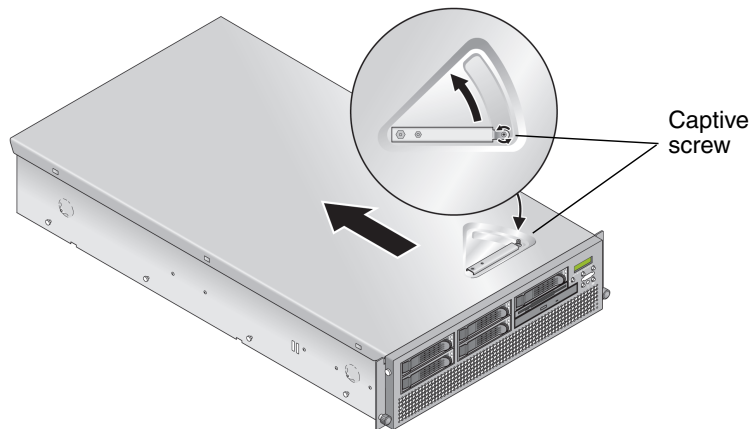


FIGURE 3 Removing the Sun Fire V40z Cover

4. Remove the power supply cage assembly:
 - a. Pull the metal handle on the top of the cage toward the server front so that the hinged cams lift the cage and disconnect it from the motherboard (see [FIGURE 4](#)).
 - b. Lift the front of the cage and disengage its metal tabs from their mounting holes on the server back panel to remove it from the chassis.

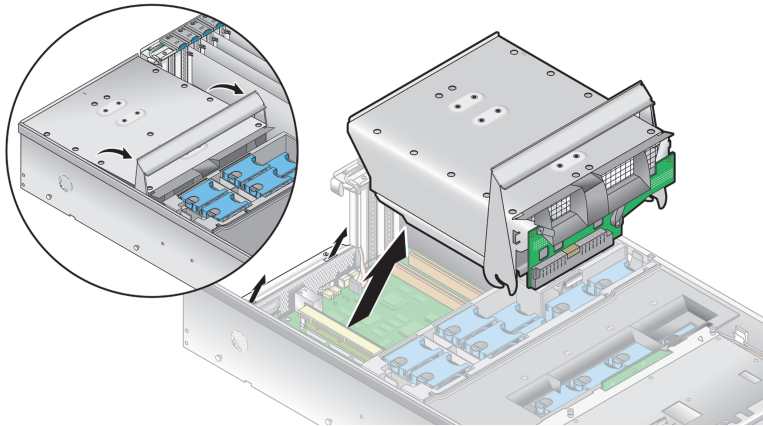


FIGURE 4 Removing the Power Supply Cage Assembly

5. Remove the system battery by sliding it back and prying it from the holder (see [FIGURE 5](#) for the location).

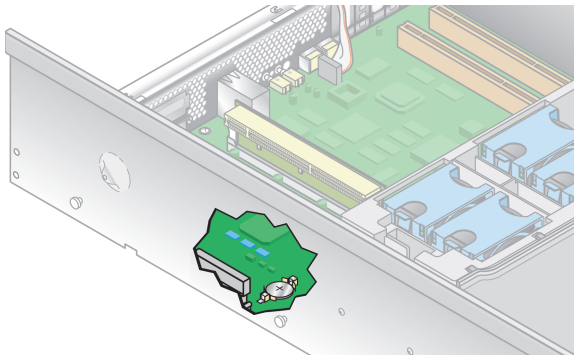


FIGURE 5 Removing the System Battery

To Replace the System Battery

1. Install the new system battery into the holder with the side labeled “+” facing up.

Note – Replace the battery only with the identical model.

2. Reinstall the power supply cage assembly:
 - a. Insert the assembly into the chassis with the rear of the assembly angled downward and the assembly handle in the fully open position.

- b. Carefully insert the metal tabs on the rear of the assembly into their slots on the chassis back panel.
 - c. With the tabs in place, set the front of the assembly down on the motherboard connector.
 - d. Press the metal handle on the top of the assembly down until the connectors on the motherboard engage with the assembly backplane.
3. Check the routing of all cables for obstructions and then reinstall the cover.

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