

# Sun Fire™ 6800 System Hold-down Kit

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This document describes how to update the doors and bolt your system to the floor.

## Install the Door Supports

1. **Unlock and open the cabinet door.**
2. **Pull down the upper hinge pin, lift the door off the lower hinge pin and remove the door.**



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**Caution** – Do not perform Step 3 in the computer room. Drilling the metal door in the computer room could lead to metal contamination.

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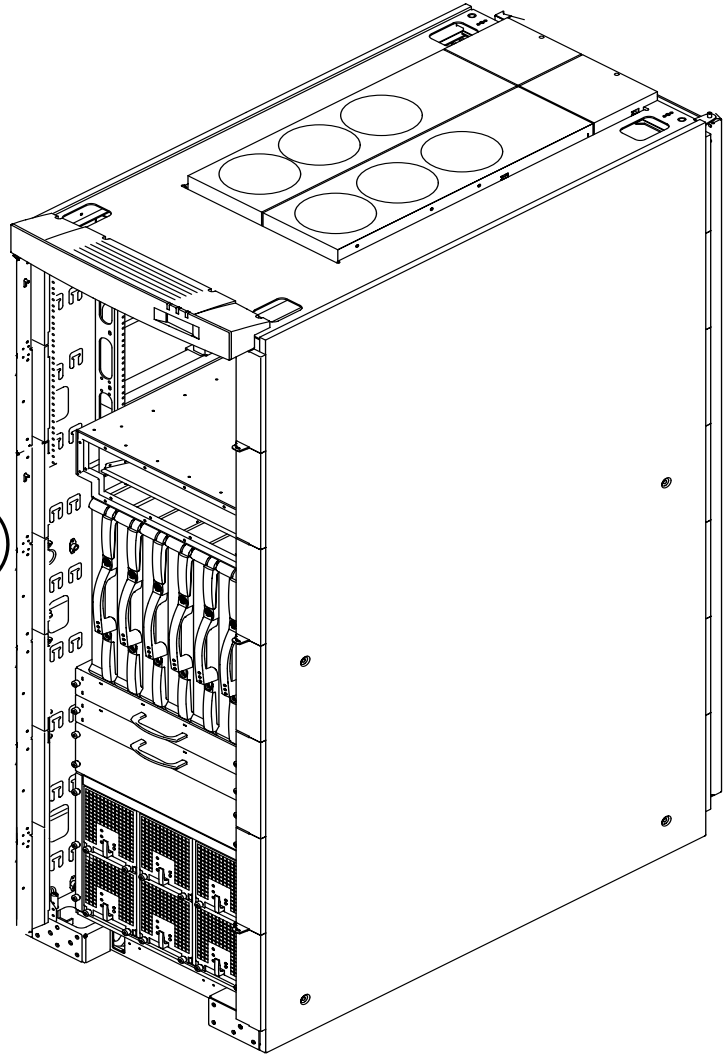
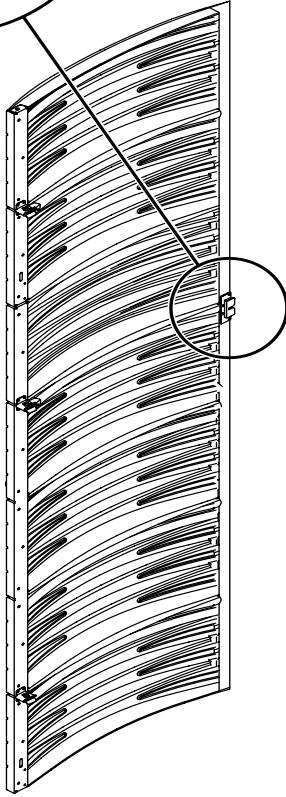
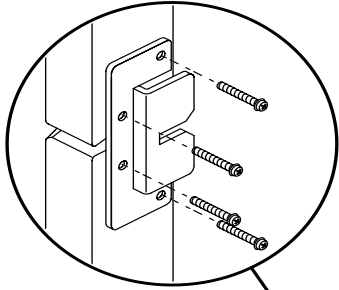
3. **Drill out the four rivets on the door that secure the door restraint bracket.**  
Use a number 30 or 1/8-inch drill bit.
4. **Secure the new door restraint bracket using the four POP rivets provided. See figure.**  
The tool to secure the POP rivets is not provided.

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**Note** – This new door restraint provides both vertical and horizontal stability so the cabinet door doesn't bend the upper and lower hinge brackets.

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5. **Reinstall the cabinet door.**
6. **Repeat Step 1 through Step 5 for the other cabinet door.**



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## Install the Hold Down Brackets

### 1. Determine mounting hole locations in the site floor.

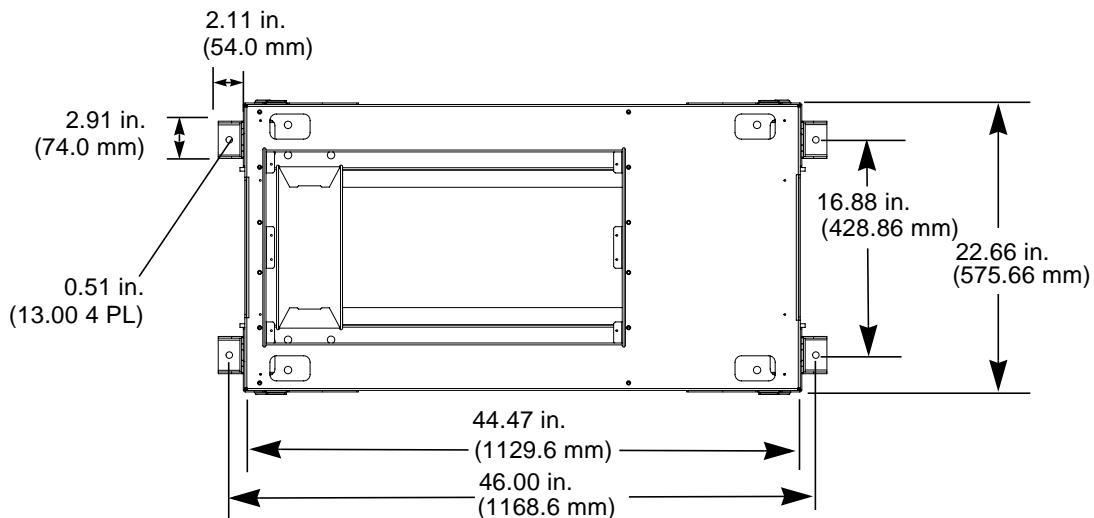
Optimize system location based on air flow and structural requirements of the operating site. Use the diagram below for hole location reference.



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**Caution** – Examine site blueprints to ensure that no pipes or wires run beneath the operating location.

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### 2. Move the system away from the operating location to provide space for drilling.

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**Note** – NEBS Zone 4 earthquake brackets have been tested by Sun Microsystems for installation directly to a concrete floor. As the performance of connection systems onto reinforced raised floors can vary, a qualified structural engineer should be consulted prior to installation on a raised floor.

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**Note** – Because each operating location is unique, the bolts that secure the NEBS Zone 4 earthquake bushing to the site floor must be supplied by personnel at the site. High strength bolts (or alloy threaded rod) with a maximum diameter of 1/2 inch can be used

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**Note** – Use a vacuum to prevent air contamination in the computer room while drilling.

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### 3. Drill four mounting holes in the site floor in the locations determined in Step 1.

### 4. Move the system back to the operating location.

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**5. Release the catches and remove the kick-panels.**

The kick-panels snaps off.

**6. Remove the inner and outer kick-panel brackets.**

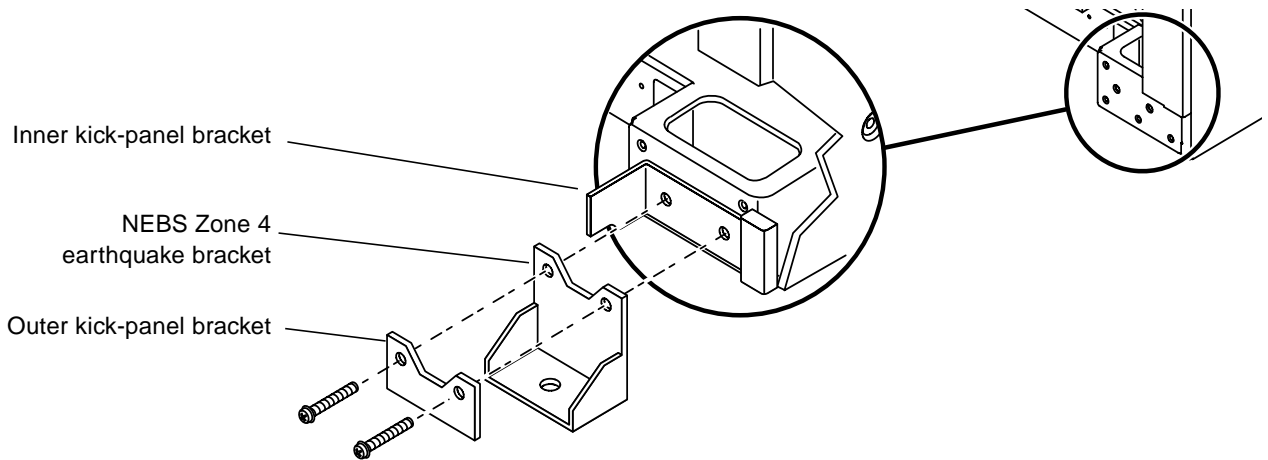
Discard the outer kick-panel brackets. Save the bolts and the inner kick-panel brackets for Step 7.

**7. Place the NEBS Zone 4 earthquake bracket between the new outer kick-panel bracket and the inner kick-panel bracket and secure the assembly to the cabinet using the existing bolts.**

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**Note** – It may be necessary to adjust the cabinet leveling pads to align the NEBS Zone 4 earthquake bracket.

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**8. Repeat Step 6 and Step 7 for the remaining kick-panel brackets.**



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**Caution** – Before you begin drilling examine site blueprints to ensure that no pipes or wires run beneath operating location.

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**9. Secure all four bracket assemblies to the floor.**

Use a vacuum to prevent air contamination in the computer room while securing the bracket assemblies.

**10. Push the kick-panels back into place.**

The retainers will snap into place.

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Part No. 817-2664-12, Rev. A  
October 2003