

SPARC Enterprise M8000/M9000 Servers

Unpacking Guide, Version 2



ORACLE

SPARC

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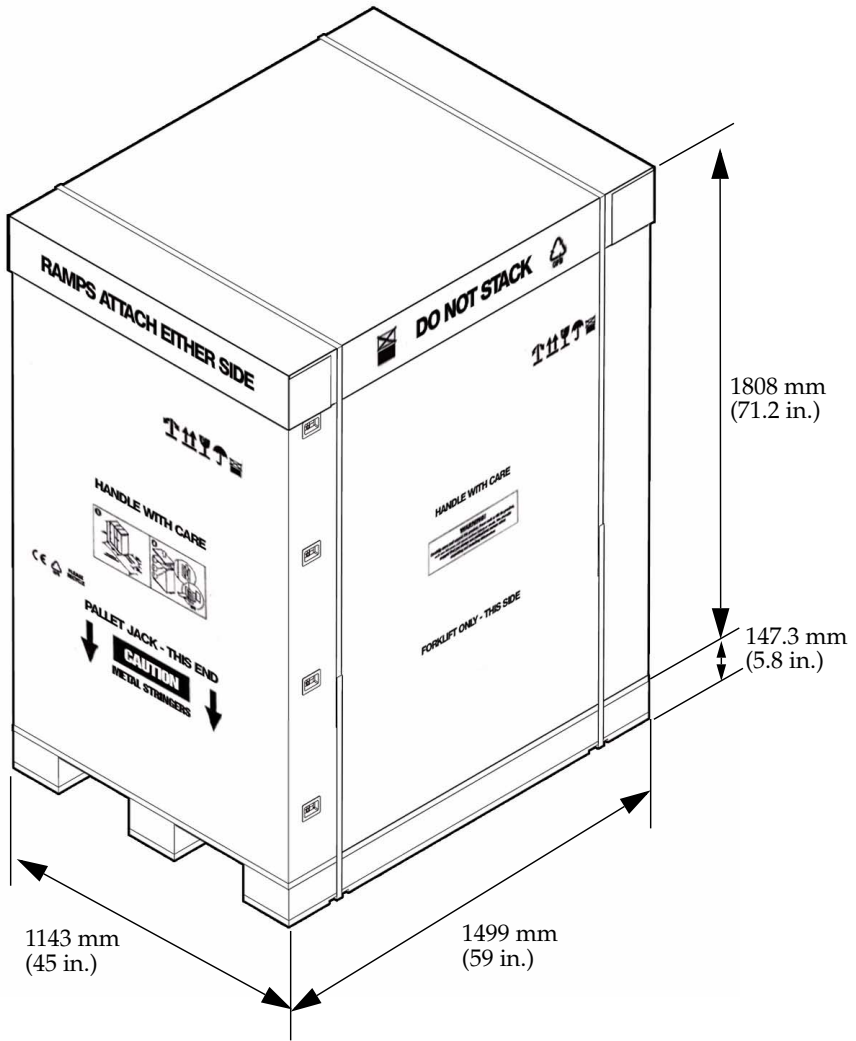
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SPARC Enterprise M8000/M9000 Servers Unpacking Guide

This document describes how to unpack and unload Oracle and Fujitsu's SPARC Enterprise M8000 server, M9000 server, or power cabinet from its shipping container.

Note – The pallets and packaging material for the servers differ slightly from that of the power cabinet. However, the unpacking and unloading procedures in this document apply to the M8000 and M9000 servers, and the power cabinet, with the option to unload from either the front or rear side of the pallet.

FIGURE 1 SPARC Enterprise M8000/M9000 Server Shipping Container Dimensions



Required Tools

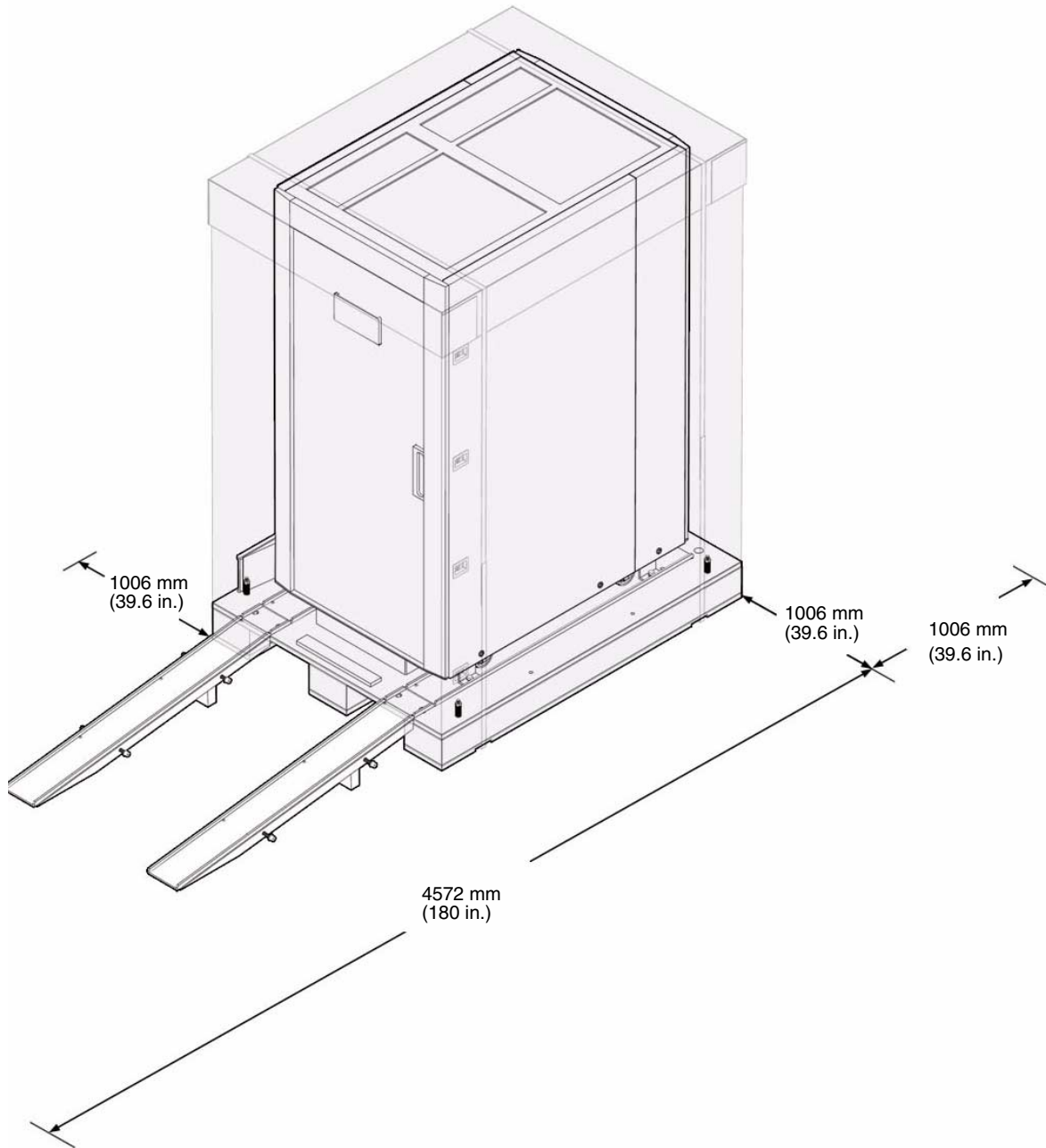
The following tools are required for unpacking the M8000/M9000 servers from their packaging:

- 6 mm Hex wrench
- 13 mm socket
- 3/8 drive ratchet wrench
- Crescent wrench
- Shears or other cutting tool

Unpacking the Cardboard Shipping Container

The unpacking work requires free space with a width of 1006 mm (39.6 in.) or more in three directions around the cabinet, and free space with a length of 4572 mm (180 in.) or more in the direction you will position the cabinet on the floor. You can unload the cabinet from either side of the pallet.

FIGURE 2 M8000/M9000 Server Shipping Container Unpacking Work Space Requirements

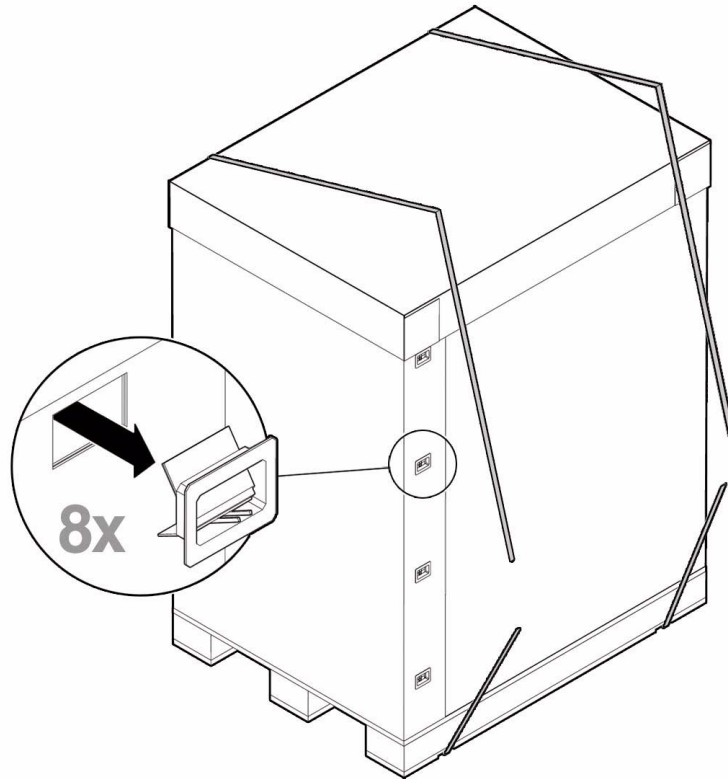


1. Use the cutting tool to cut the bands securing the packaging to the pallet.



Caution – Take care when cutting the bands as they are under stress and could possibly injure anyone nearby.

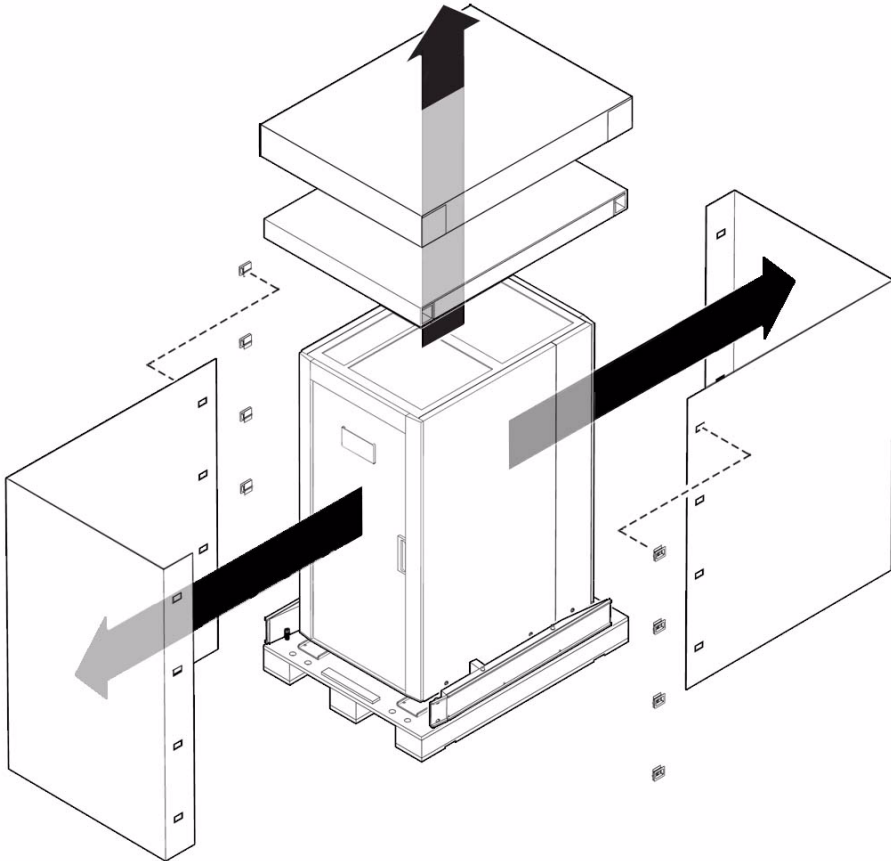
FIGURE 3 Location of Container Securing Bands and Finger Clips



2. Remove the top cover ([FIGURE 4](#)).
3. Remove the finger clips from the two opposite corners, releasing the side covers ([FIGURE 4](#)).

4. Remove the top protective panel from the top of the server.
5. Remove the plastic bag covering the server.
Save all packaging materials for later use if necessary.

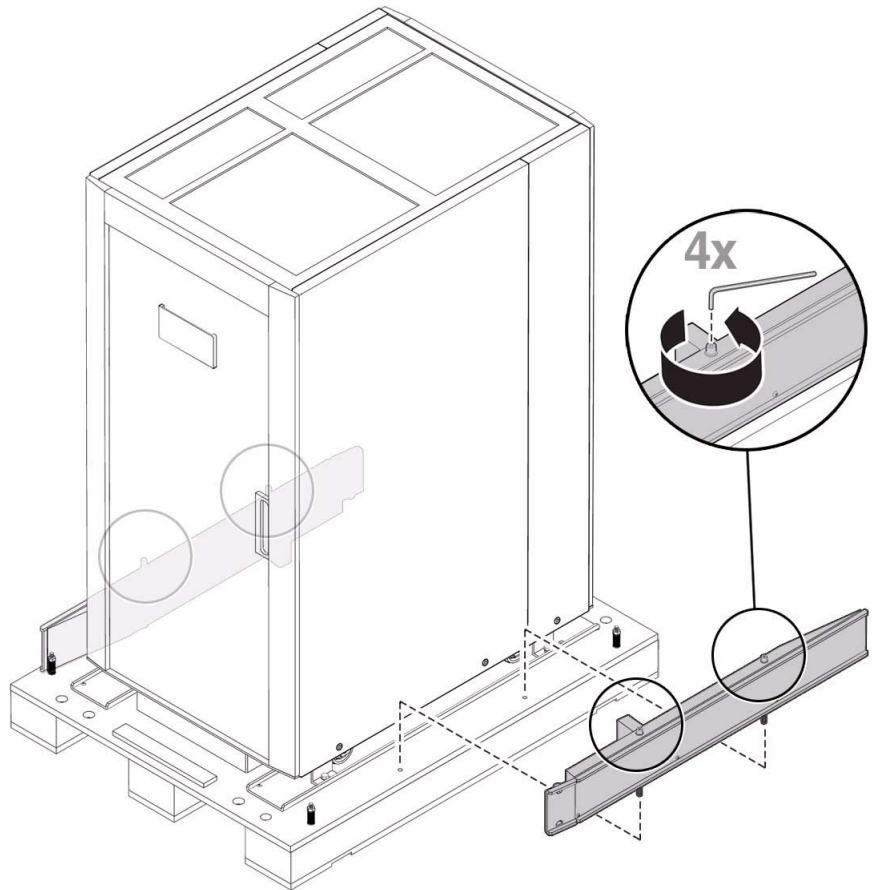
FIGURE 4 Exploded View of the M8000/M9000 Server Shipping Container



Setting Up the Ramps

1. Using the 6 mm hex wrench, remove the bolts holding the ramps to the pallet.

FIGURE 5 Removing the Bolts Holding the Ramps to the M8000/M9000 Server Pallet



2. Place the ramps in the openings on the side from which the cabinet is to be unloaded.

Ramp openings are located in the front and rear of the pallet.

Note – The ramps for the power cabinet are wider and the openings that they mount in are set closer together.

FIGURE 6 Location of Front Openings on the Pallet for Stabilizing the Ramps

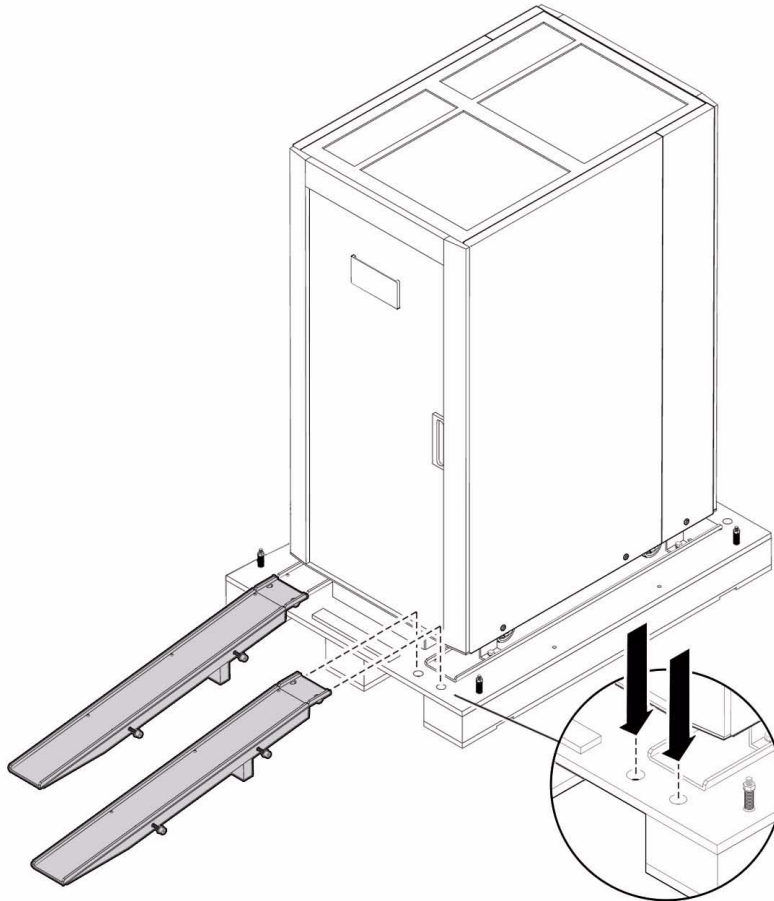
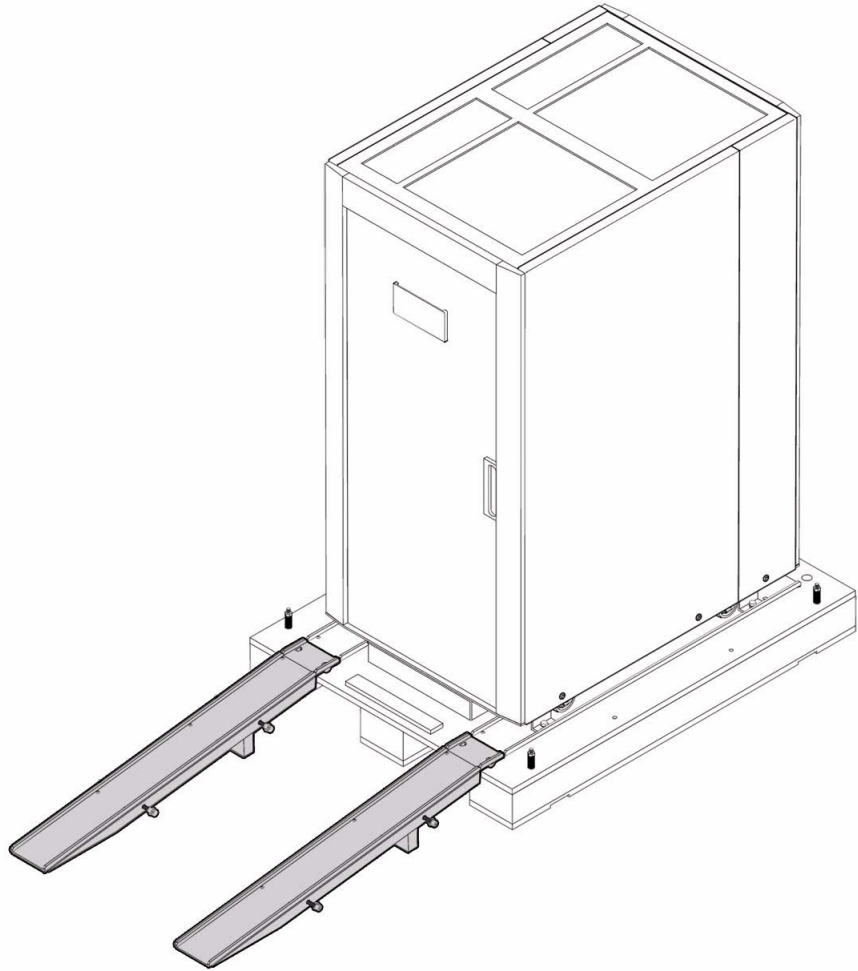


FIGURE 7 Ramps In Place On the Front Side of the M8000/M9000 Server Pallet



Unsecuring the Server From the Pallet

1. Remove the hold-down brackets using a standard depth 13-mm socket on a 3/8-inch ratchet (FIGURE 9).

FIGURE 8 Location of the Hold-Down Clamps and the Hold-Down Blocks

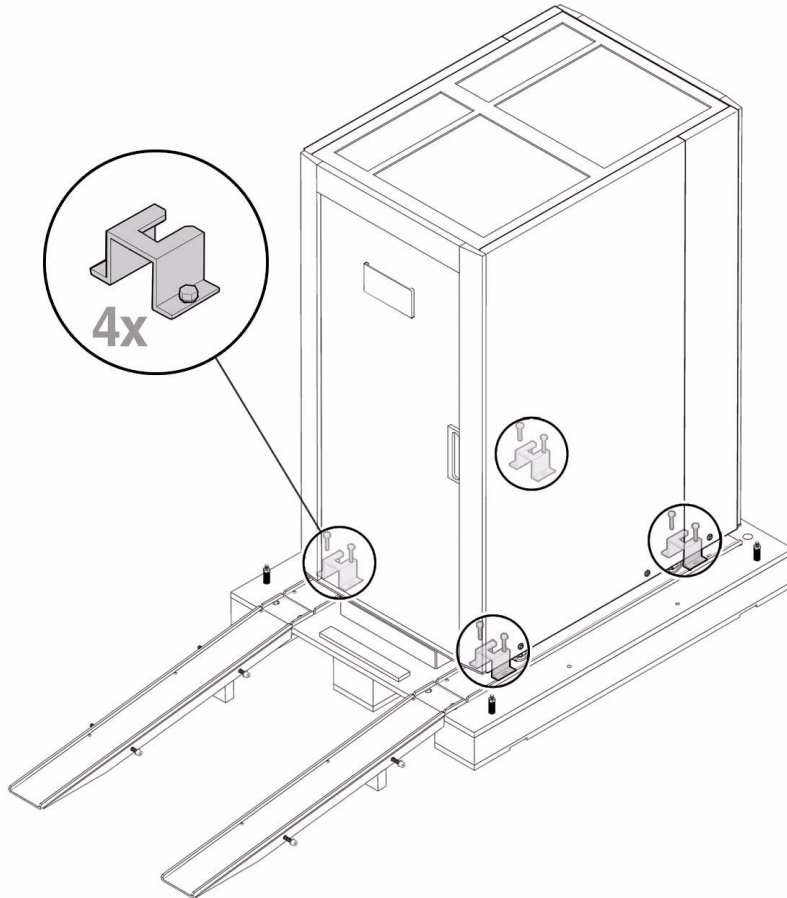


FIGURE 9 Removing the Hold-Down Clamps and the Hold-Down Blocks

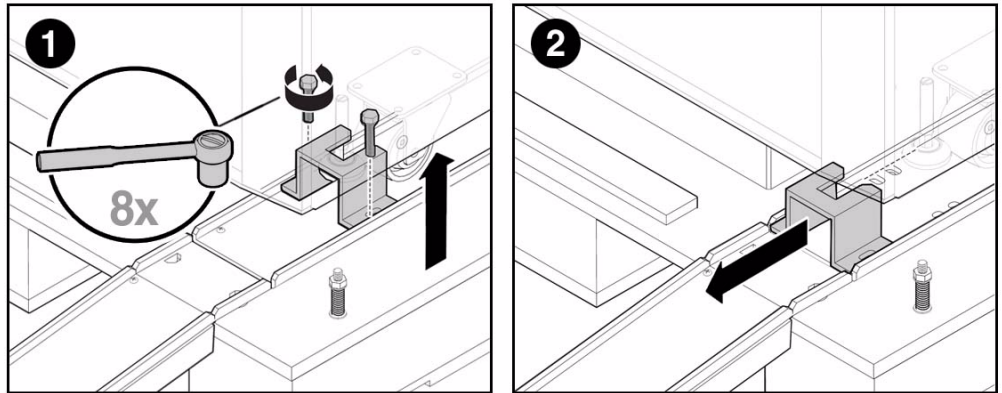
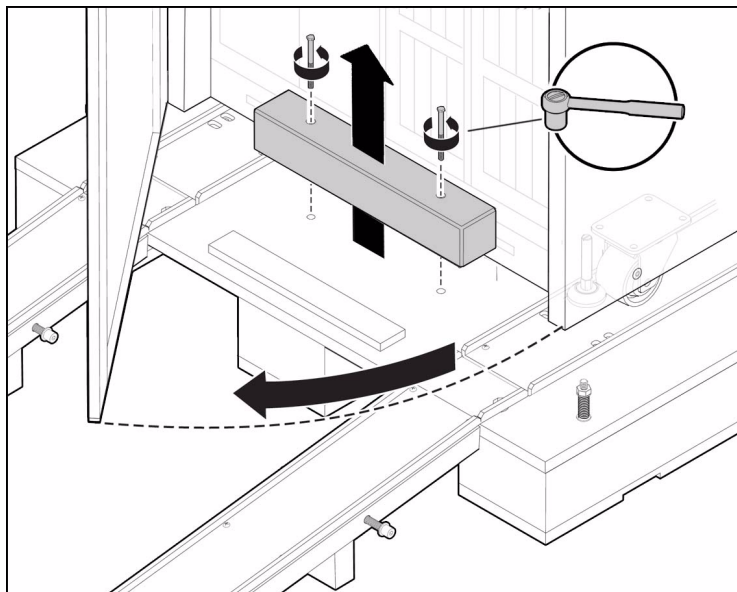


FIGURE 10 Location of the Front Stop Block



2. Open the front door of the cabinet and remove the cap screws on the front stop block and remove the block.
3. Close the front door after the front stop block has been removed.

Moving the Server Off the Pallet

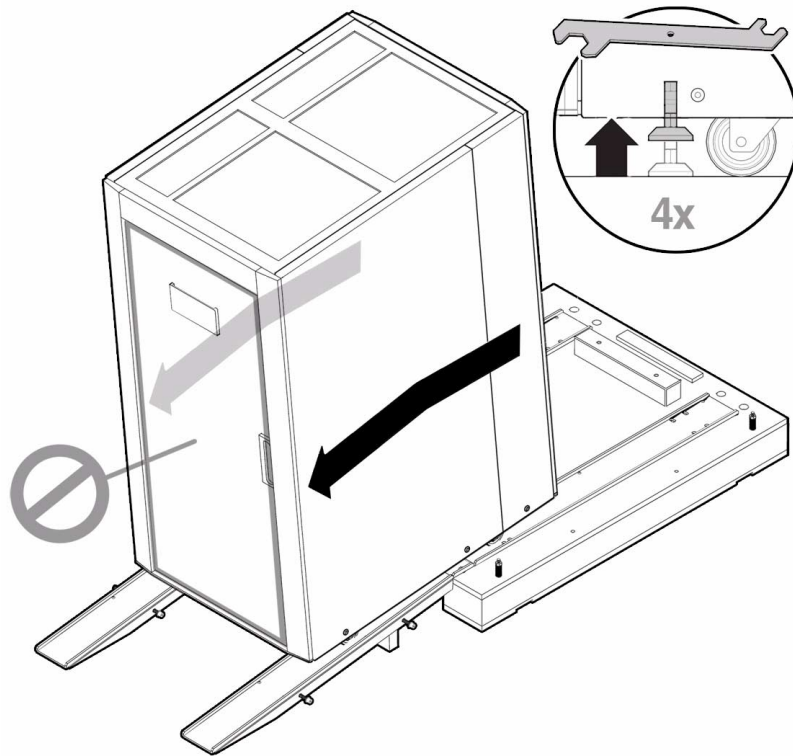
Three or four people are required to move the cabinet down the ramp. One or two people should push the cabinet while two other people slowly guide the cabinet down the ramp.

Note – Push only on the sides of the door. The center of the door may be deformed if it is pushed too hard.

1. **Raise the feet before moving the system off the pallet** ([FIGURE 11](#)).
2. **Move the cabinet off the pallet.**

Caution – Three or four people are required to move the cabinet down the ramp. One or two people should push the cabinet while two other people slowly guide the cabinet down the ramp.

FIGURE 11 Moving the Server Off the Pallet



3. Move the cabinet to the installation location.
4. Extend the four leveling feet in the four corners of the cabinet until they reach the floor.
5. Rotate each leveling foot another quarter turn to fix it in position to confirm that the cabinet is stable.
6. For information on subsequent work steps, refer to the *SPARC Enterprise M8000/M9000 Servers Installation Guide*.

Note – If the system needs to be relocated, use the same packaging material and reverse the unpacking and unloading procedures.
