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Cisco 7513 Unpacking Instructions

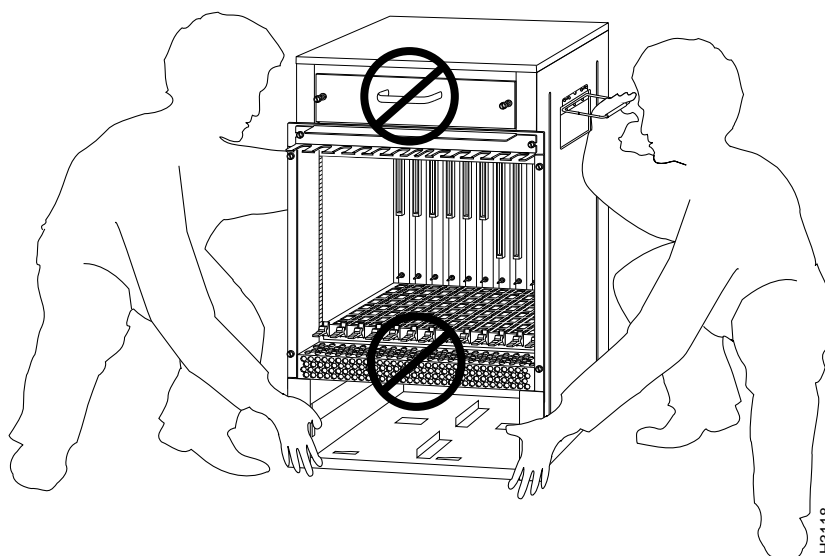
Product Numbers: CISCO7513, CHAS-7513, MAS-7513

This document contains important instructions for unpacking the Cisco 7513; review these instructions *before* you open the container. After you unpack the system, refer to the *Cisco 7513 Hardware Installation* publication on UniverCD, or in print, for installation instructions.

When lifting the chassis, follow these precautions to avoid injury to yourself and/or damage to the equipment:

- Two people are required to lift the chassis, one at each end or each side. You should lift the chassis by grasping the handle with one hand and the bottom of the chassis with the other, and lift with your legs, as shown in Figure 1. (Do *not* lift the chassis using the blower module handle or the air intake vent below the card cage.)

Figure 1 Correct Way to Lift the Cisco 7513





Caution To prevent damage to the air intake vent below the card cage, do *not* lift the chassis by grasping the handle with one hand and the bottom of the card cage with the other, as shown in Figure 2. The air intake vent is not designed to support the weight of the chassis.

Figure 2 Incorrect Way to Lift the Cisco 7513



- Keep your back straight; lift with your legs.
- Always remove all power supplies before lifting the chassis. The chassis weighs approximately 110 pounds without power supplies and with 13 processor modules installed.
- Use a hand cart, pallet jack, or forklift to move the chassis to another location.
- Note the dimensions of the shipping container before moving it to ensure you have adequate clearance through doors and passages.

Before moving the chassis to a permanent site, we recommend that you review the site, safety, and environmental considerations provided in the *Cisco 7513 Hardware Installation and Maintenance* publication, on UniverCD, or in print.

Do not destroy the shipping containers. Flatten and store them with the pallet. Use these containers to either transport the chassis, or if necessary, return it to the factory.

Following is the procedure for unpacking the Cisco 7513 chassis:

- Step 1** Using a hand cart, pallet jack, or forklift, place the chassis as near to the installation location as possible.
- Step 2** Ensure that you have sufficient room to unpack the chassis.
- Step 3** Using scissors, cut the three plastic bands that secure the chassis to the pallet. Set these bands out of the way or dispose of them properly (they are not reusable).
- Step 4** Remove the cap from the top of the packaging, and set it aside. (Refer to Figure 3.)
- Step 5** If you ordered any optional cables, or any interfaces that ship with cables, remove the accessory boxes and set them aside.
- Step 6** Refer to Figure 3 and familiarize yourself with the relative locations of packing components inside the outer tube, then carefully remove the outer tube from around the chassis, and set it aside.
- Step 7** Refer to Figure 3 and locate the small taped tube that contains the rack-mount kit packing. Raise the top perimeter foam and remove the tube, with the rack-mount kit inside, and set it aside.
- Step 8** Remove the top perimeter foam and set it aside. (Refer to Figure 3.)
- Step 9** Remove the large taped tube and set it aside. Depending on your order, the accessory box and up to two power supply boxes. Remove the accessory box first, then slide the large tube from the power supply boxes. After you expose the power supply boxes, remove them and set them aside.
- Step 10** Refer to Figure 3 and locate the two black board racks, located between the large taped tube and the chassis. Remove the racks and set them aside.

Note The board racks provide a secure, safe place to temporarily store the processor modules when you install the chassis in a rack. Refer to the *Cisco 7513 Hardware Installation* guide or the (optional) *Cisco 7513 Hardware Installation and Maintenance* publication for information on properly removing processor modules from the chassis.



Caution The power supply boxes are heavy, carefully remove them from the large taped tube.

- Step 11** Carefully slide the bottom perimeter foam up and over the chassis. (Refer to Figure 3.)
- Step 12** Using a nut driver/Phillips/flat-blade screwdriver, locate and remove the chassis anchors that fasten the chassis to the pallet. (Refer to Figure 3.) When these anchors are removed, you can remove the chassis from the pallet.
- Step 13** If present, remove the Flash memory card retainer, which is placed over the RSP2s installed in slots 6 or 7 in the chassis. (Refer to Figure 3.)

The chassis is now ready to be installed on a tabletop or in a rack. While not required, we recommend rack-mounting the chassis to assure optimum airflow, cable and maintenance clearances, dust control, and accessibility.

This exploded view diagram illustrates the assembly of the H3591 system packaging. The components are arranged in a vertical stack, showing the relationship between the various parts. The top section includes the Cap, Outer tube, and Board rack (2). Below these are the Flash memory card retainer, Accessory box, Power supply boxes, and the Large taped tube. The bottom section shows the Small taped tube, Bottom perimeter foam, and the Pallet. The diagram also includes optional components like the cable accessory boxes and the rack-mount kit. Arrows indicate the assembly sequence and the placement of each component.

Cap

Outer tube

Board rack (2)

Flash memory card retainer

Accessory box

Power supply boxes

Optional cable accessory boxes

Top perimeter foam

Large taped tube

Small taped tube

Bottom perimeter foam

Pallet

Rack-mount kit

Anchor

H3591

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