digital

H7291 POWER SUPPLY
INSTALLATION CARD

ER–H7291–IN. A01

Use this card as a quick reference to install the H7291
power supply in a DIGITAL Server 7300 system.
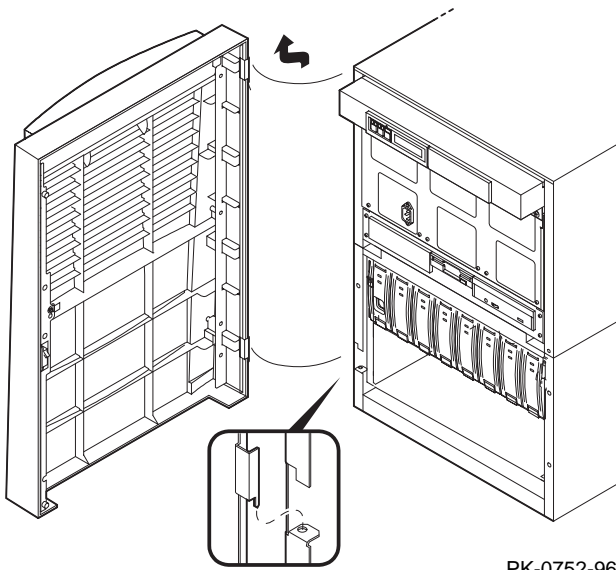
*CAUTION: Wear an antistatic wrist strap when working
on this system.*

Overview

- Expose the system drawer in the pedestal or cabinet.
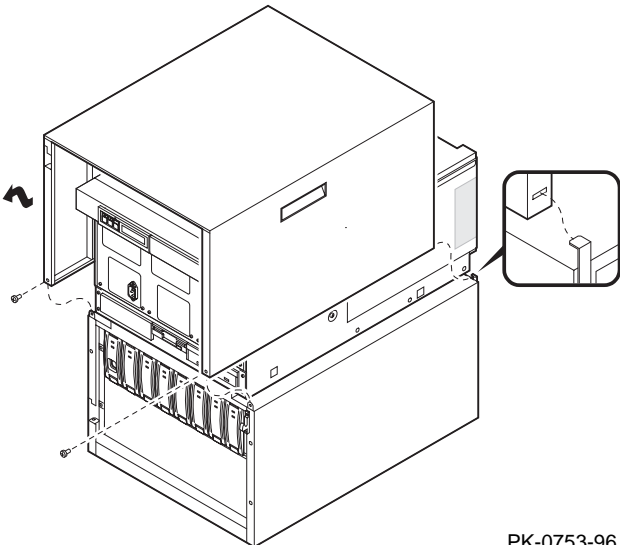- Open the power section cover.
- Verify the installation.

Expose the System Drawer in the Pedestal

1. Shut down the operating system and power down the
   system.
2. Open the front door of the pedestal and remove it by
   lifting and pulling it away from the system, as shown
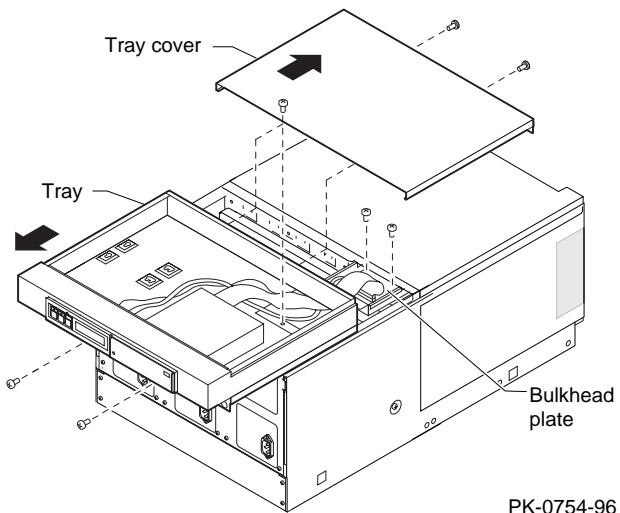   in the following illustration.

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3. Remove the top cover from the pedestal: remove the
   two screws midway up the side of the pedestal (one
   on each side), tilt the cover up, and lift it away from
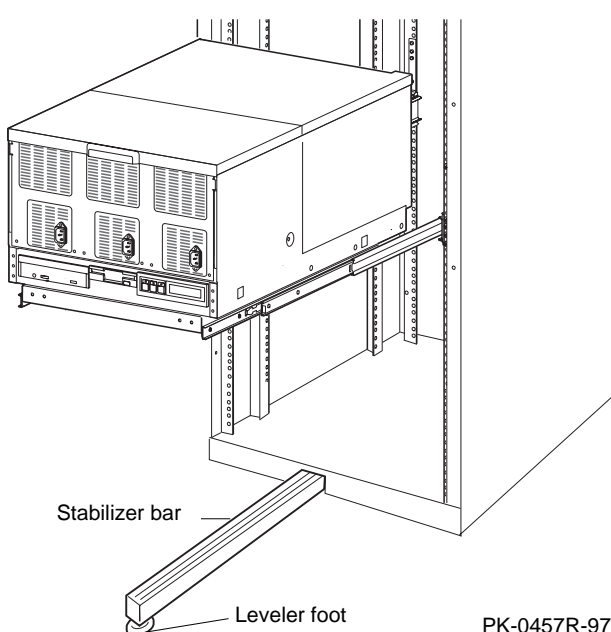   the frame.

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4. Remove the tray cover by removing the two screws
    at the back of the tray.

5. Disconnect the cables that connect the control panel
    (and any optional SCSI devices) to the bulkhead
    connector in the rear right corner of the tray.

6. Remove the screw holding the tray to the bulkhead.

7. Remove the two screws at the front of the tray and
    slide the tray off the drawer.

8. Remove the two screws holding the bulkhead plate in
    place and remove the plate.

Tray cover

Tray

Bulkhead
plate

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3

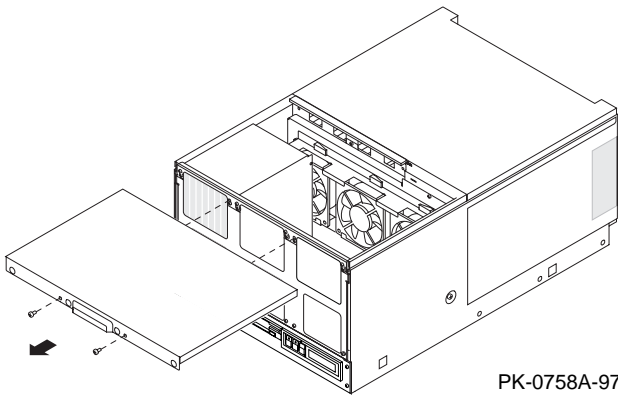## Expose the System Drawer in the H9A10–EN/EP Cabinet

WARNING: Only DIGITAL Customer Service representatives or customer maintenance personnel who are familiar with computer hardware should slide system drawers out of the cabinet. Personnel should be experienced and trained in installing computers and related equipment. Before pulling a system drawer out, make sure the stabilizer bar is fully extended; then adjust the foot at the end of the bar so it touches the floor.

1. Open the front door of the cabinet.

2. Pull out the stabilizer bar at the bottom of the cabinet until it stops.

3. Extend the leveler foot at the end of the stabilizer bar to the floor.

4. Unplug the power supplies in the drawer.

5. Slide the drawer out until it locks.

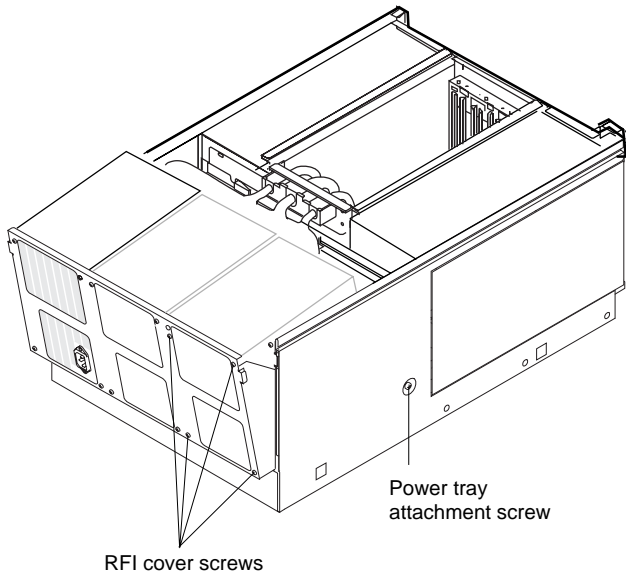Stabilizer bar

Leveler foot

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4

Install the Power Supply

1. Remove the cover from the power system section by removing the two screws and sliding the cover off the drawer.

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2. Remove and retain the two power tray attachment screws. There is one screw on each side of the system drawer. Tilt the power tray forward.
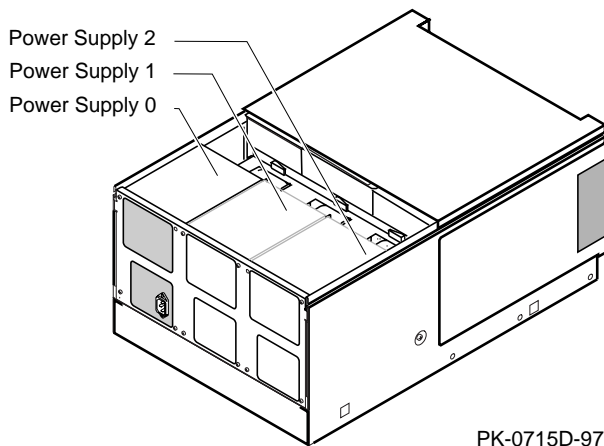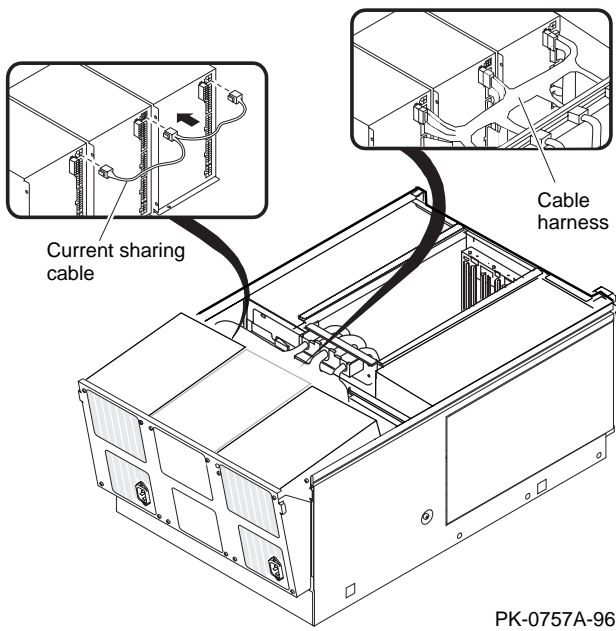
Power tray
attachment screw

RFI cover screws

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5

3. Determine the space in which the power supply will
    be installed. Power supply 0 is installed first, power
    supply 2 second, and power supply 1 third. Remove
    the RFI cover from that space by removing the four
    screws at the front of the power tray. Retain the
    screws. Insert the power supply in the appropriate
    space.

Power Supply 2
Power Supply 1
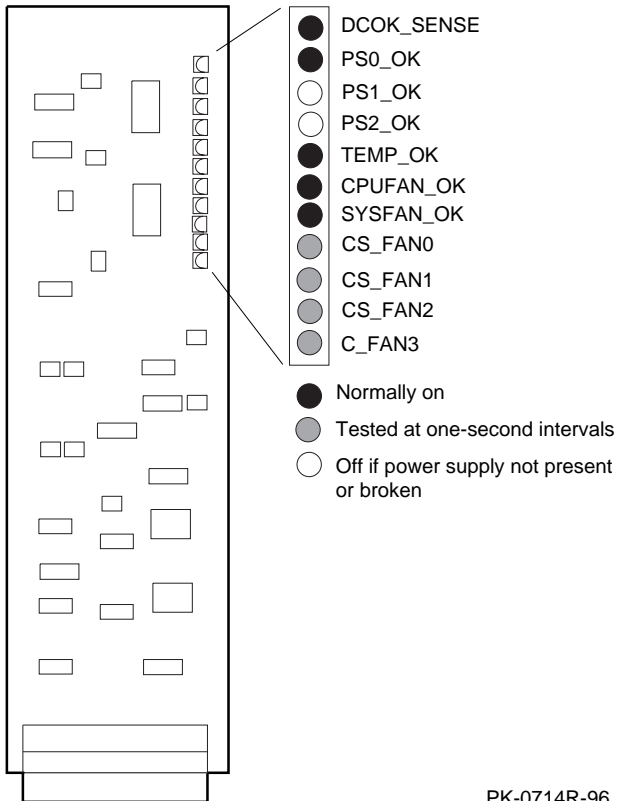Power Supply 0

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4. Insert the screws at the front of the tray to hold the
    power supply in place:

    If you are installing power supply 2, insert three
    screws (do not place a screw in the upper left corner).

    If you are installing power supply 1, insert four
    screws.

5. Attach the current sharing cable at the rear of the
    power supply.

6. Attach the cable harness.

Current sharing cable

Cable harness

PK-0757A-96

7. Attach the power cord to the receptacle at the front of the power supply.

8. Replace the cover on the power system section. Replace the pedestal tray and cover and the door, or slide the system drawer into the cabinet.

Verify the Installation

1. Power the system up with the HALT button in the depressed position to bring the system to the SRM console prompt.

2. Issue the SRM **show power** command to display the status of the new power supply

3. Check the LEDs on the power control module to determine that the power supply is functioning properly.

DCOK_SENSE
PS0_OK
PS1_OK
PS2_OK
TEMP_OK
CPUFAN_OK
SYSFAN_OK
CS_FAN0
CS_FAN1
CS_FAN2
C_FAN3

● Normally on

● Tested at one-second intervals

○ Off if power supply not present or broken

PK-0714R-96

8