

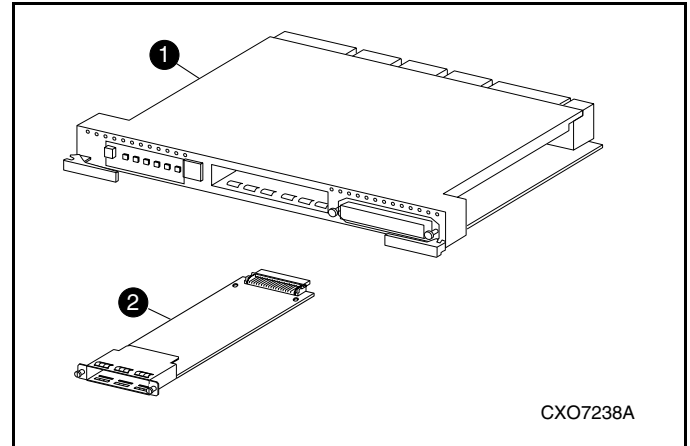
Compaq StorageWorks™

MODEL 2100 TO MODEL 2200 ENCLOSURE UPGRADE KIT

About This Card

This card identifies the kit contents and procedures for upgrading a Compaq StorageWorks Model 2100 UltraSCSI controller enclosure to a Model 2200 enclosure. Following the hardware installation, configure the HSG80 controller using the appropriate array controller documentation to make the subsystem operational.

Kit Contents



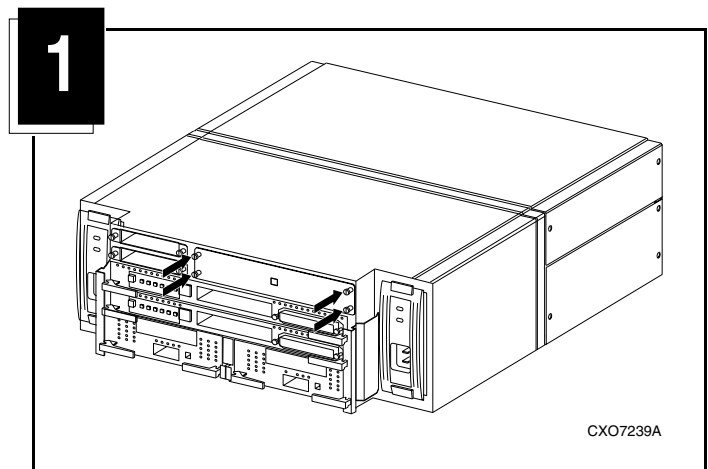
- ❶ HSG80 array controller (1)
- ❷ Input/output (I/O) module (4)

Tools Required

- Flat-head screwdriver

Removing the I/O Module Blank Cover

Using a straight-slot screwdriver, remove the blank panel from the rear of the Model 2100 enclosure by unscrewing four screw fasteners.



Open Card Completely Before Beginning Installation Procedures

European Union Notice

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- EN 55022 (CISPR 22) *Electromagnetic Interference*
- EN 50082-1 (IEC 801-2, IEC 801-3, IEC 801-4) *Electromagnetic Immunity*
- EN 60950 (IEC 950) *Product Safety*

NOTICE

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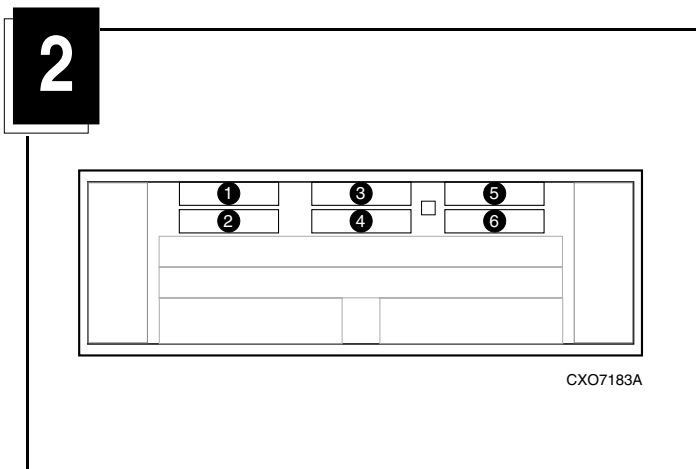
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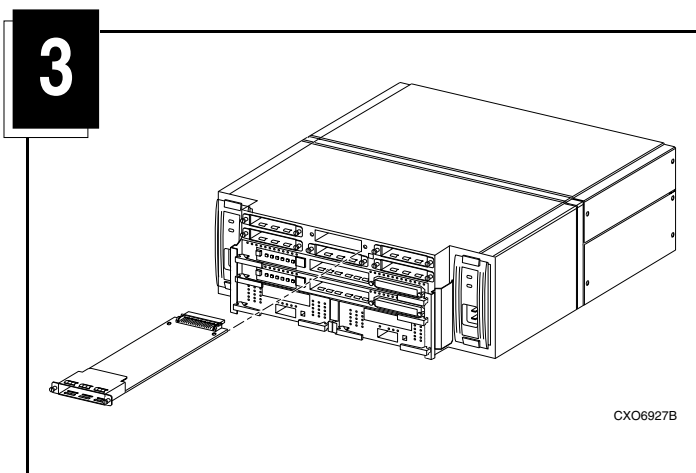
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Compaq Computer Corporation

Installing Additional I/O Modules

I/O modules are hot-pluggable, so enclosure power can be ON or OFF while installing the I/O modules. Install four I/O modules in bays ③ through ⑥ (see Figure 2).



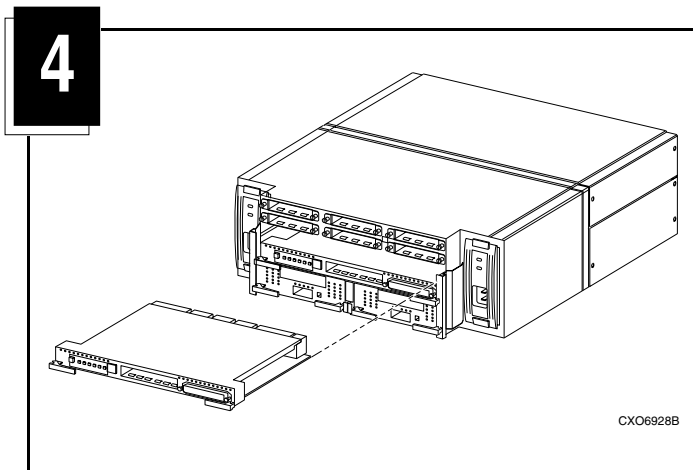
1. Insert and fully seat the I/O module in the appropriate location (see Figure 3).



2. Secure the I/O module to the enclosure using two mounting screws.
3. Repeat step 1 and step 2 for the remaining I/O modules.

Removing an Array Controller

1. Using array controller documentation, shut down all array controllers within the enclosure.
2. Disconnect all host cables.
3. Simultaneously pull outward on the two extractor latches to remove each array controller (see Figure 4).



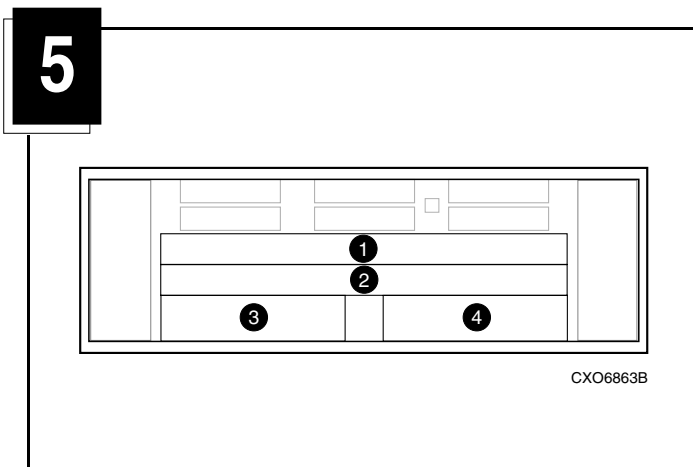
WARNING: When both array controller bays are empty, a shock hazard exists on the backplane. *Do not* touch the backplane.

Always install a blank panel in any bay not currently in use.

Installing an Array Controller

Enclosure bays for array controller and cache sets are matched. Always install a single-set configuration into Controller A and Cache A bays (see Figure 5, ① and ②). For dual redundant configurations, both controller and cache bays are occupied.

NOTE: An ECB is *required* for each array controller and cache set installed. Refer to the *Compaq StorageWorks Model 2100 and Model 2200 UltraSCSI Controller Enclosure User Guide* for ECB information.



1. Insert the array controller into the appropriate bay and push it in until the extractor latches engage the enclosure.
2. Push inward on the extractor latches to firmly seat the element.
3. To install a second array controller, repeat step 1 and step 2.

Configuring the New Subsystem for Use

After installing all the hardware, the Model 2100 enclosure is now a Model 2200 enclosure. To use this new subsystem, complete the following procedure:

1. Connect and secure a bus cable between a device enclosure and each new I/O module, as desired.
2. Secure all cables to the rack using cable ties.
3. Configure the HSG80 controller using array controller documentation.

This completes the installation.