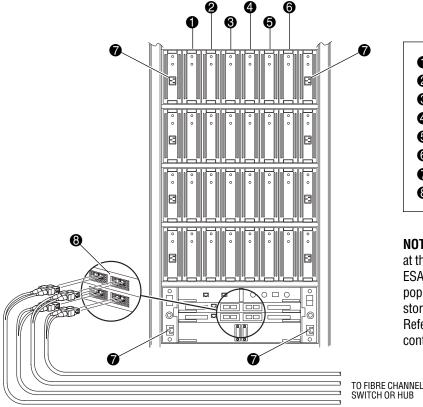
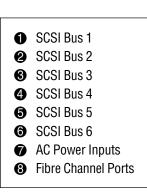
### RA8000/ESA12000 Storage System Installation





NOTE: The RA8000 or ESA12000 storage systems can be configured at the customer site in a Compag rack or pre-configured in a pedestal. ESA12000 storage systems are shipped pre-configured and fully populated in a rack. If you ordered a customer-configurable RA8000 storage system, unpack and install all the items that were shipped. Refer to the documentation that came with your storage system, then continue to the Fibre Channel Switch or Hub Installation steps.

## ESA12000 Storage System

SCSI BUS 1	2	3	4	5	6	SCSI ID
1-15	2-15	3-15	4-15	5-15	6-15	15
1-14	2-14	3-14	4-14	5-14	6-14	14
1-13	2-13	3-13	4-13	5-13	6-13	13
1-12	2-12	3-12	4-12	5-12	6-12	12
1-11	2-11	3-11	4-11	5-11	6-11	11
1-10	2-10	3-10	4-10	5-10	6-10	10
1-9	2-9	3-9	4-9	5-9	6-9	9
1-8	2-8	3-8	4-8	5-8	6-8	8
1-3	2-3	3-3	4-3	5-3	6-3	3
1-2	2-2	3-2	4-2	5-2	6-2	2
1-1	2-1	3-1	4-1	5-1	6-1	1
1-0	2-0	3-0	4-0	5-0	6-0	0

### NOTICE

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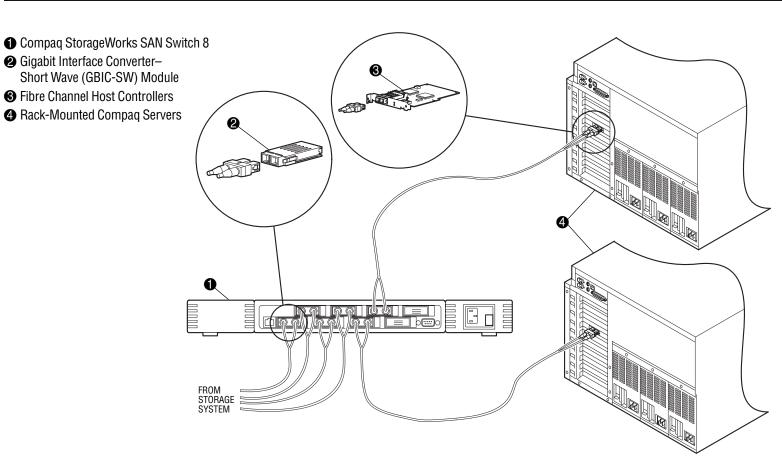
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**Compag Computer Corporation** 

# **Fibre Channel Switch or Hub Installation**





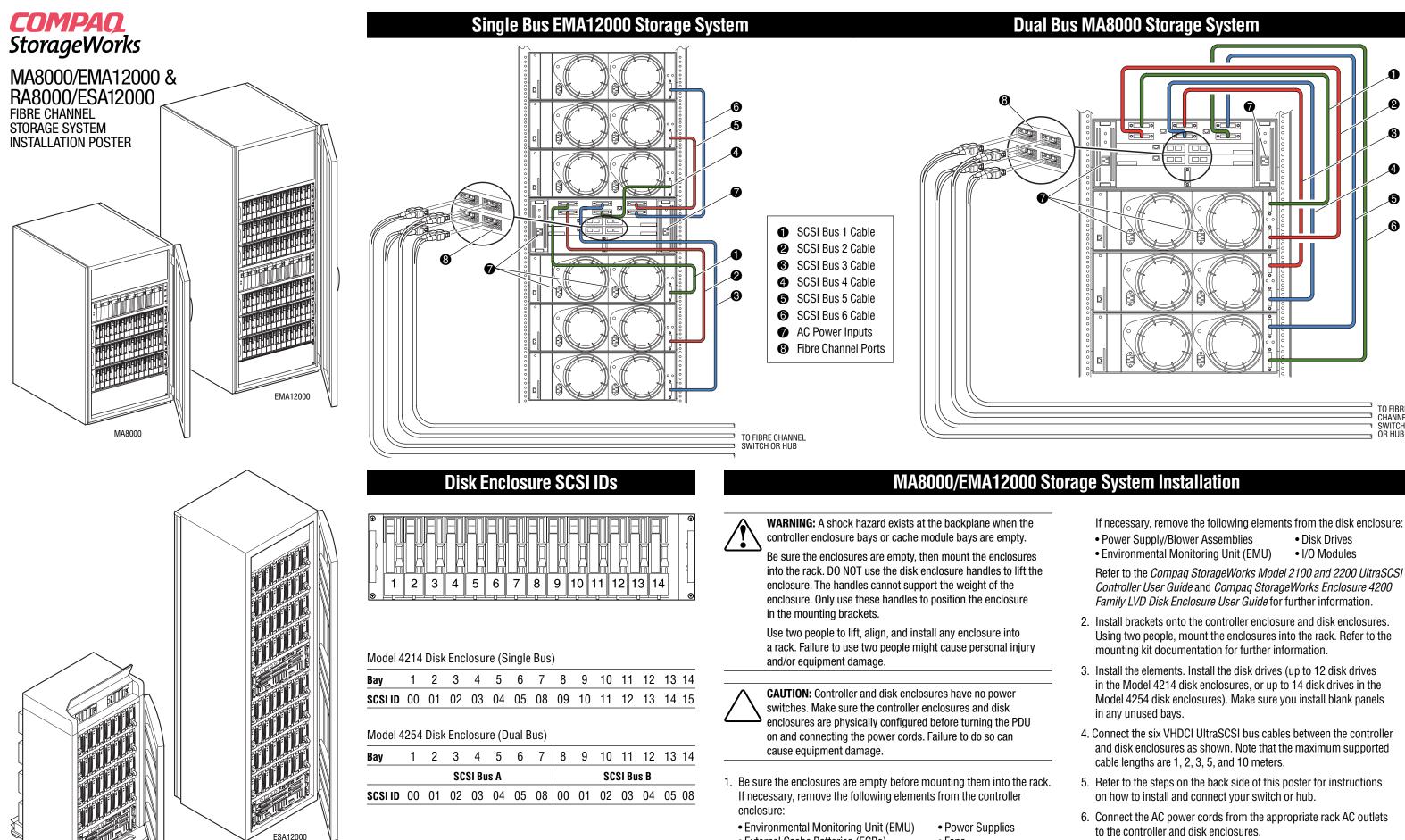
# **Disk Enclosure SCSI IDs**

# **RA8000 Storage System**

SCSI BUS 1	2	3	4	5	6	SCSI ID
1-3	2-3	3-3	4-3	5-3	6-3	3
1-2	2-2	3-2	4-2	5-2	6-2	2
1-1	2-1	3-1	4-1	5-1	6-1	1
1-0	2-0	3-0	4-0	5-0	6-0	0

**NOTE:** The example shows a Compaq StorageWorks SAN Switch 8. Cabling to another Compag Switch or a Fibre Channel Hub is similar. Refer to the applicable Fibre Channel Switch or Hub documentation for your specific Fibre Channel Switch or Hub.

- 1. Install the switch or hub in the rack or another suitable location. Refer to the documentation that came with your switch or hub.
- 2. Install the appropriate number of Fibre Channel host controllers/host bus adapters into the available slots in the server(s). Refer to the host controller documentation.
- 3. Install the appropriate number of Gigabit Interface Converters-Short Wave (GBIC-SW) modules into each switch or hub, and one GBIC-SW into each host controller/host bus adapter.
- 4. Connect a fiber optic cable to each Fibre Channel port on the array controller(s). Connect the other end of each fiber optic cable to a GBIC-SW module on the switch or hub.
- 5. Connect a fiber optic cable to each GBIC-SW module on the host controllers/host bus adapters. Connect the other end of each fiber optic cable to a GBIC-SW module on the switch or hub.
- 6. Connect the power supplies, AC power controller modules, ECB cache modules, UPS, and PDU, as necessary, to their appropriate power sources.
- 7. Apply power to the storage system.
- 8. Refer to your Solution Software Installation and Reference Guide to begin software installation.



RA8000

• Fans

TO FIBRE
CHANNEL
SWITCH
OR HUB

- to the controller and disk enclosures.

External Cache Batteries (ECBs)