

3-Channel RAID EISA Cable Kits

Installation Information

Introduction

The cable kit used with the first two 3-channel RAID EISA controllers consists of two internal cables and the associated mounting hardware. One cable kit accommodates one 3-channel RAID EISA controller. The SCSI port for channel 0 of the controller is on the rear bulkhead. The SCSI ports for channels 1 and 2 are provided by installing this cable kit to allow connections to ports at the rear of the system.

The maximum number of these internal cable kits that can be used is two. When more than two 3-channel RAID EISA controllers are installed, a cable kit with an internal dual-bus cable and an external Y-cable must be used for channels 1 and 2 on the third and fourth controllers.

Table 1 lists the number of the 3-channel RAID EISA controller being installed and the cable kit required for its installation.

Table 1: 3-Channel RAID EISA Controller Number and Required Cable Kit

3-Channel RAID EISA Controller Number	Cable Kit
1	Internal cable kit
2	Internal cable kit
3	Internal dual-bus and external Y-cable kit
4	Internal dual-bus and external Y-cable kit

Installing the First and Second Internal Cable Kits

To install the first and second internal cable kits, refer to Figure 1 and the following procedure:

1. Orient the IDC end of the first cable, as shown in the top panel of Figure 1, so that it aligns with the channel 1 connector and insert the cable onto this connector on the 3-channel RAID EISA controller.
2. Repeat the procedure in step 1 for the second cable, connecting it to channel 2 on the 3-channel RAID EISA controller.
3. Insert the other ends of the cables through the slot in the bottom left of the cabinet, as shown in the top panel of Figure 1, and route them to the rear connector slots (A through D).

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4. Remove the cover plates from the rear connector slots that are to be used.

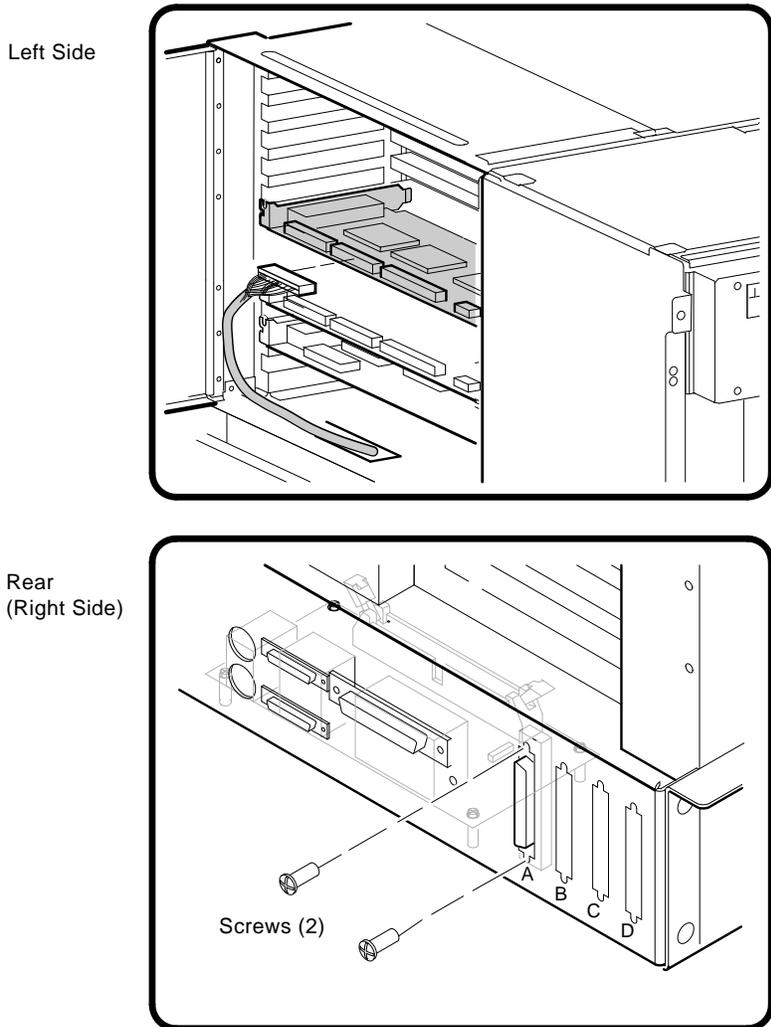
NOTE

The first cable kit should use rear connector slots A and B. The second cable kit (if installed) should use rear connector slots C and D.

5. Insert the cable connectors into the proper slots and fasten them with the screws provided as shown in the bottom panel of Figure 1.

When these internal cable kits are installed, SCSI devices can be connected to the SCSI ports (A through D) at the rear of the system in addition to the system bulkhead port.

Figure 1: Installing the First and Second RAID Cable Kits



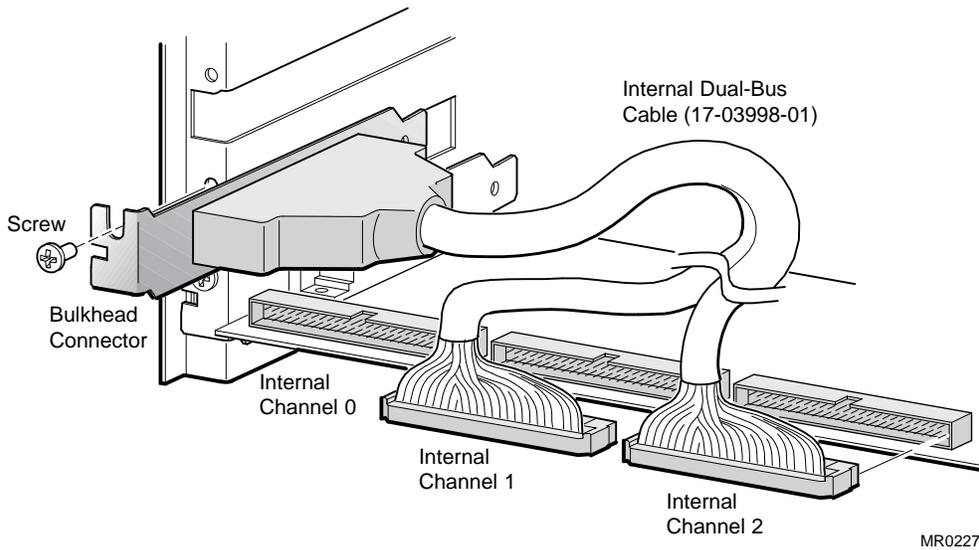
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Installing the Third and Fourth Internal Dual-Bus and External Y-Cable Kits

To install the internal dual-bus and external Y-cable kits, refer to Figure 2, Figure 3, and the following procedure:

1. Orient the internal dual-bus cable, as shown in Figure 2, and insert the short cable connector into the internal channel 1 connector on the 3-channel RAID EISA controller.
2. Insert the long cable connector into the internal channel 2 connector on the 3-channel RAID EISA controller.
3. Attach the 68-pin bulkhead connector to the system bulkhead and tighten the screw.

Figure 2: Installing the Internal Dual-Bus Cable



4. Refer to Figure 3 and connect one end of the BN21H cable to the SCSI port for channel 0 of the 3-channel RAID EISA controller on the system bulkhead.
5. Connect the other end of the BN21H cable to storage shelf 0.
6. Connect the single end of the Y-cable to the bulkhead connector of the internal dual-bus cable, located on the system bulkhead.
7. Connect the channel 1 end of the Y-cable to storage shelf 1.
8. Connect the channel 2 end of the Y-cable to storage shelf 2.

Figure 3: Installing the External Cables

