Chapter 4
Installing the Workgroup EISA SGI Adapter Hardware

This chapter explains how to install the workgroup EISA SGI single attachment and dual attachment adapters in the Indigo^2 workstation, connect the cables, check the LEDs, and confirm the network connections.

Installation Overview

To install the EISA SGI adapter, make sure you complete the following procedures and have the required tools available. See the chapter, "Preparing for Installation."

- Turn off the power to the workstation after following normal software shutdown procedures.

- Remove the system cover.

- Install the EISA SGI adapter.

- Replace the system cover.

- Connect the CDDI or FDDI cables.

- Apply power to start up the workstation.

Installing the EISA SGI Adapter

This section provides general instructions for installing the EISA SGI single attachment and dual attachment adapters in the Indigo^2 workstation. Included are brief instructions you can follow for SGI Indigo^2 workstations. For specific instructions for these and other models, refer to the *Indigo^2 Workstation Owner's Guide*, which is provided with your workstation.

> **Warning** Make sure that your workstation is powered down before you begin this procedure.

Removing the Cover

Perform the following steps to remove the cover from your Indigo^2 workstation:

Step 1 Remove the front bezel by pressing down on the tabs at each side. (See Figure 4-1.)
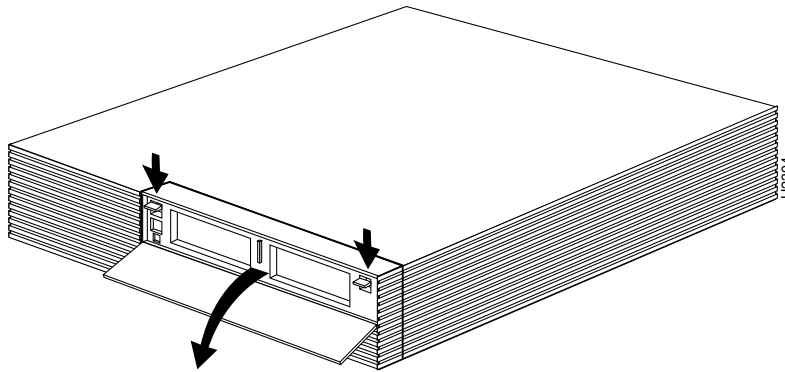

Figure 4-1   Removing the Front Bezel

Step 2 Pull the cover up and rotate toward the back of the chassis. (See Figure 4-2.)
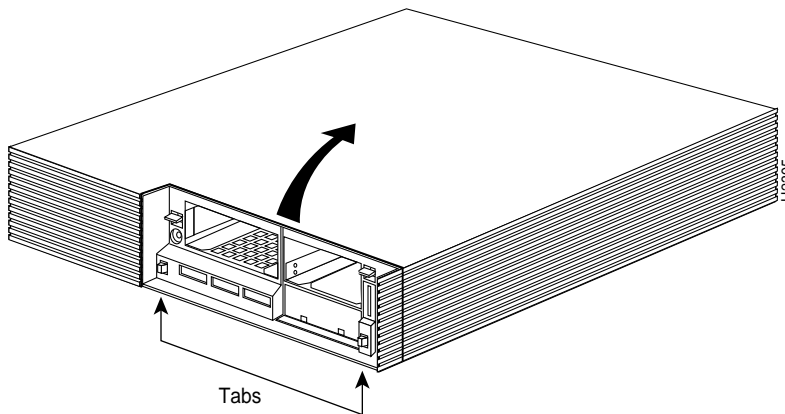

Tabs

Figure 4-2   Removing the Cover

Inserting the EISA SGI Adapter

After you remove the workstation's top cover and locate an available bus-master EISA slot, you can insert the EISA SGI adapter.

Step 1 Make sure the system is powered down.

Step 2 Face the rear of the workstation and locate the EISA slots on the right side of the workstation. (See Figure 4-3.)

Step 3 Open the access panel by pulling up and rotating down to expose the EISA slot covers. (See Figure 4-3.)
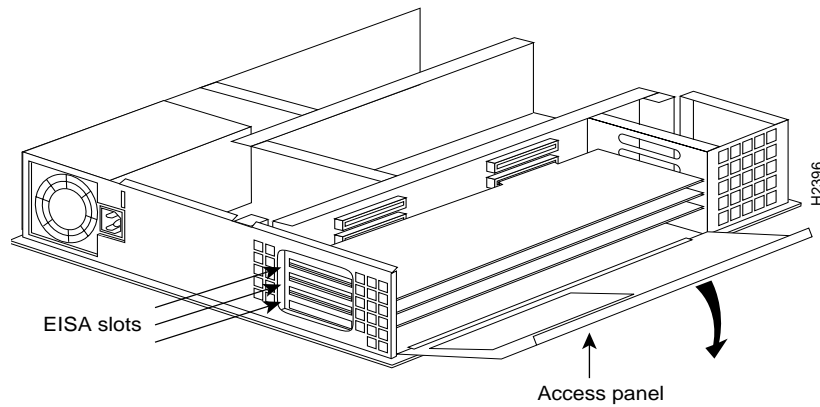

Figure 4-3   Opening Access Panel

Step 4   Remove the slot cover to expose the desired EISA slot. The EISA slots are numbered at the top 1, through 4. Use the slot cover screws to secure the adapter. (See Figure 4-4.)
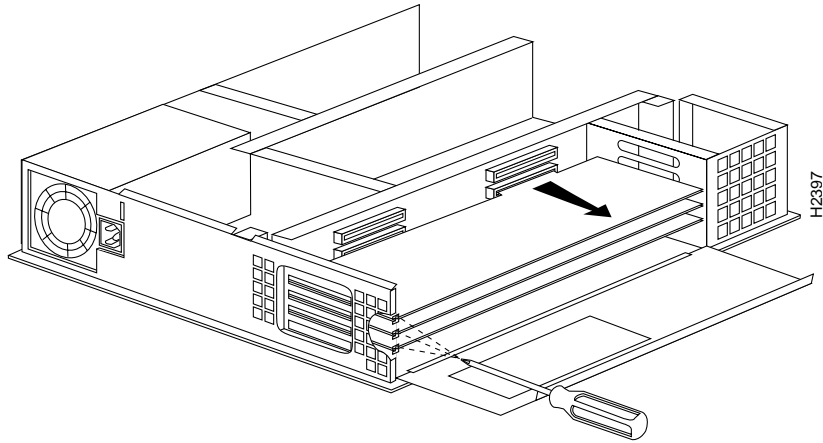

Figure 4-4   Removing the EISA Slot Cover

Step 5   Without touching any electrical components, slide the adapter into the slot. Press firmly into place. (See Figure 4-5.)
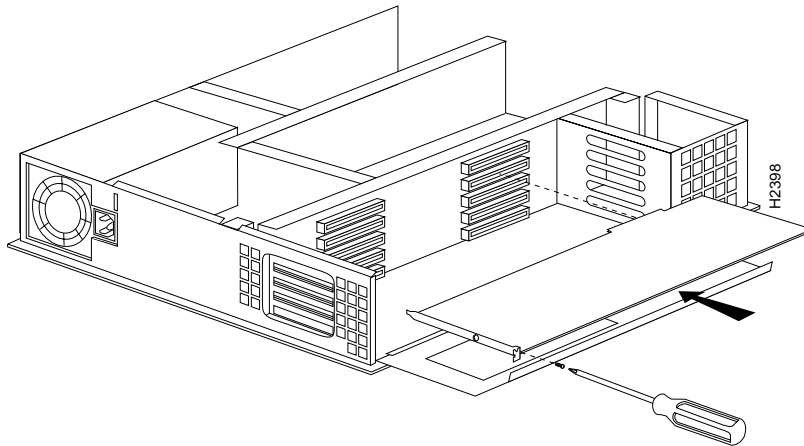

Figure 4-5   Inserting the EISA Adapter into the EISA Slot

Step 6   Secure the adapter with the screw that held the slot cover.

Step 7   Reassemble the system.
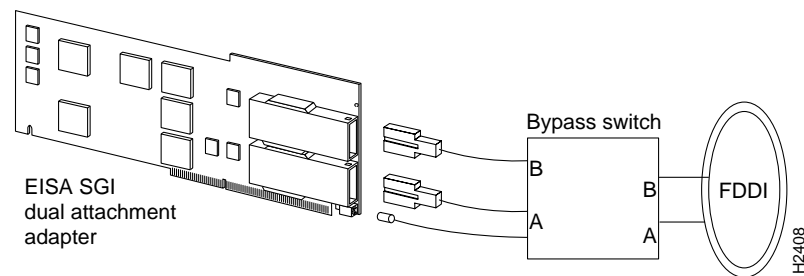
Connecting the Cables

Connect the EISA SGI adapter to the network as follows:

Step 1   Connect one end of the cable to the EISA SGI adapter port.

Step 2   Connect the other end of the cable to a CDDI/FDDI network outlet.

Step 3   Verify that your adapter is connected to the concentrator and that the concentrator is plugged in and connected to the network.

Note   You must install the EISA SGI adapter driver and utilities before your computer is logically connected to the network.

Connecting to a Bypass Switch (FDDI Only)

You can connect an optional bypass switch to dual attachment adapters to maintain connectivity to the FDDI ring. If a station enters a fault condition or is powered down or rebooted, the ring will not wrap if a bypass switch is present on the faulty station. Figure 4-6 shows how the bypass switch connects to the network and dual attachment adapter.

Figure 4-6   Connecting a Bypass Switch

Adapter Confirmation and Troubleshooting

After completion of the EISA SGI adapter hardware installation and cabling procedures, refer to the following chapter "Confirming the Installation" and, if needed, the chapter "Troubleshooting the Workgroup EISA SGI Adapter."