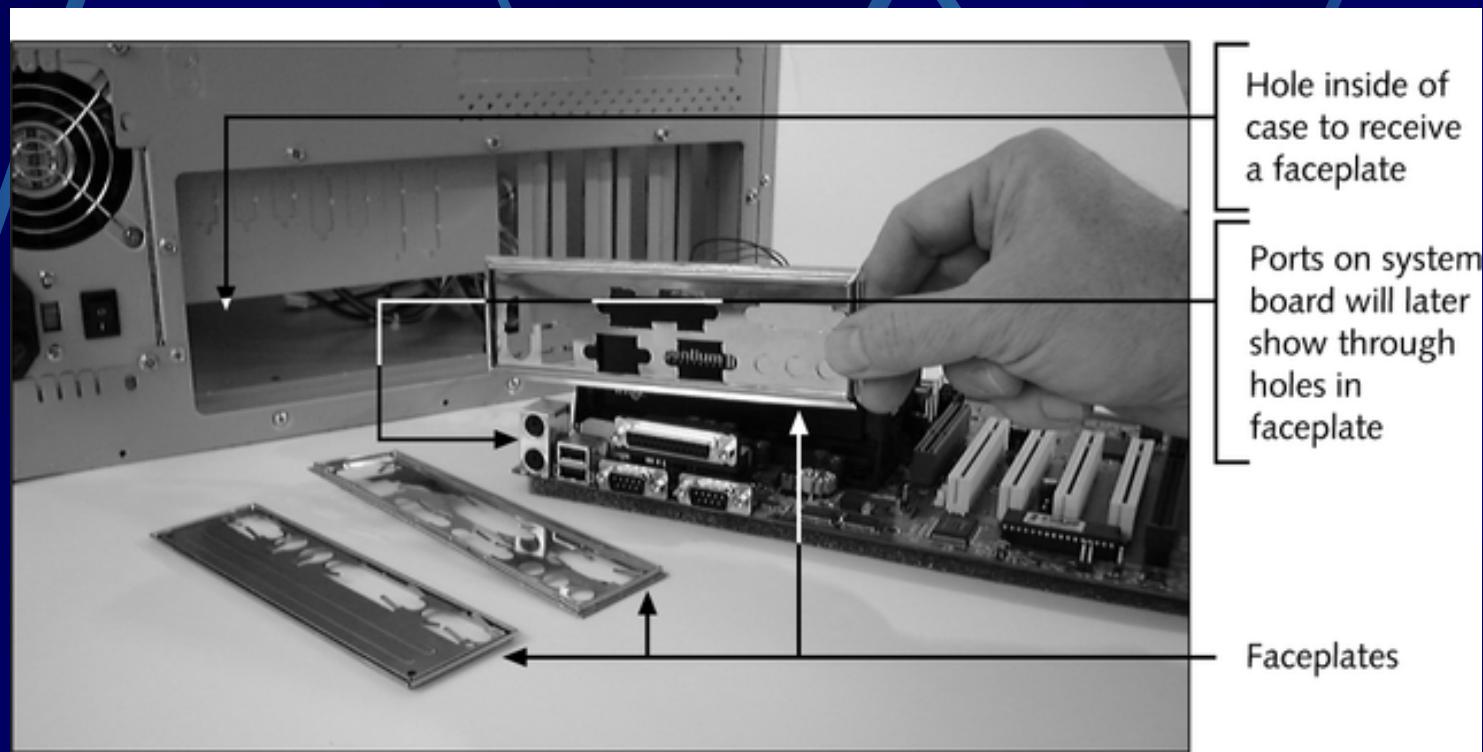
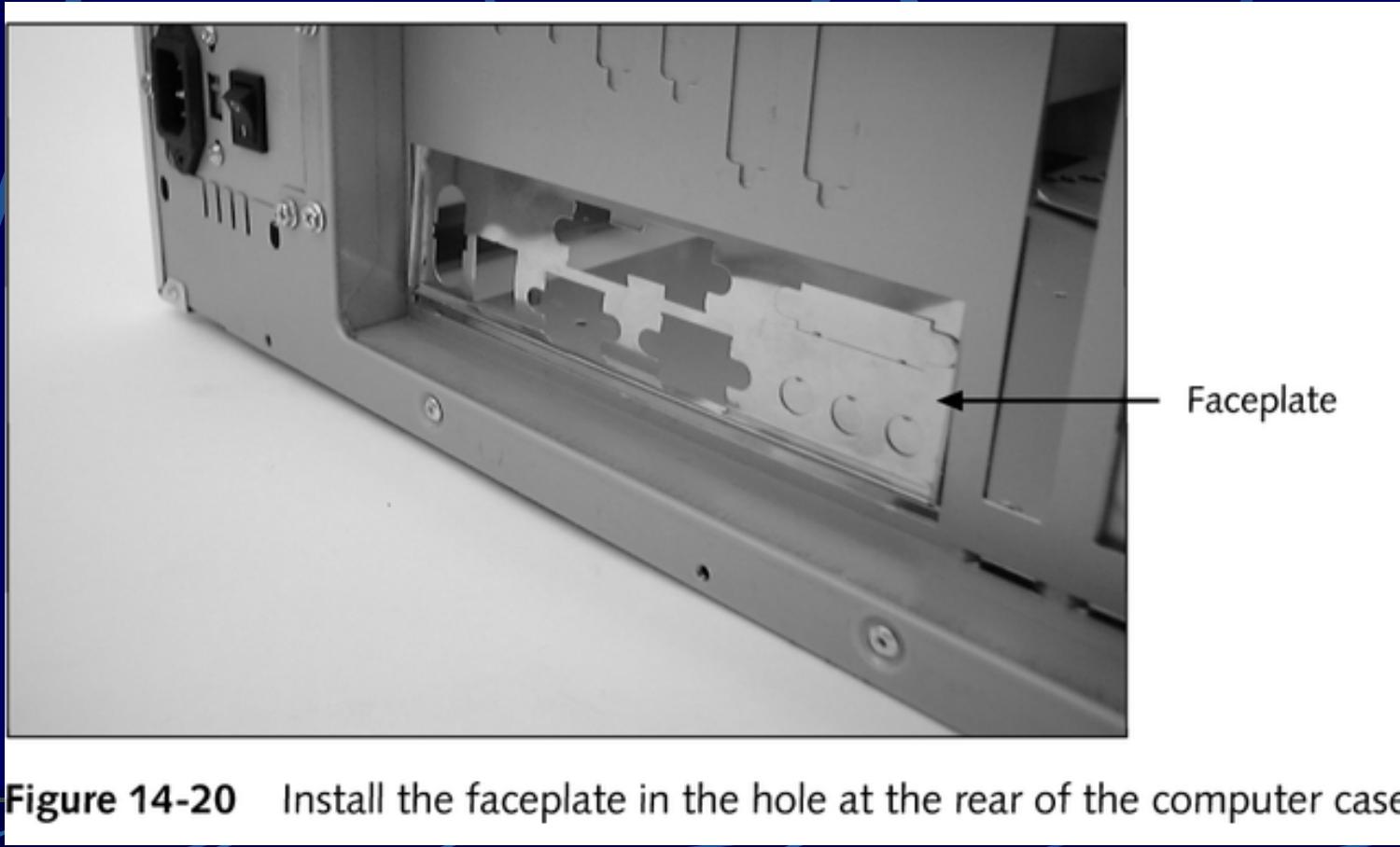


# Instalação da Board na caixa

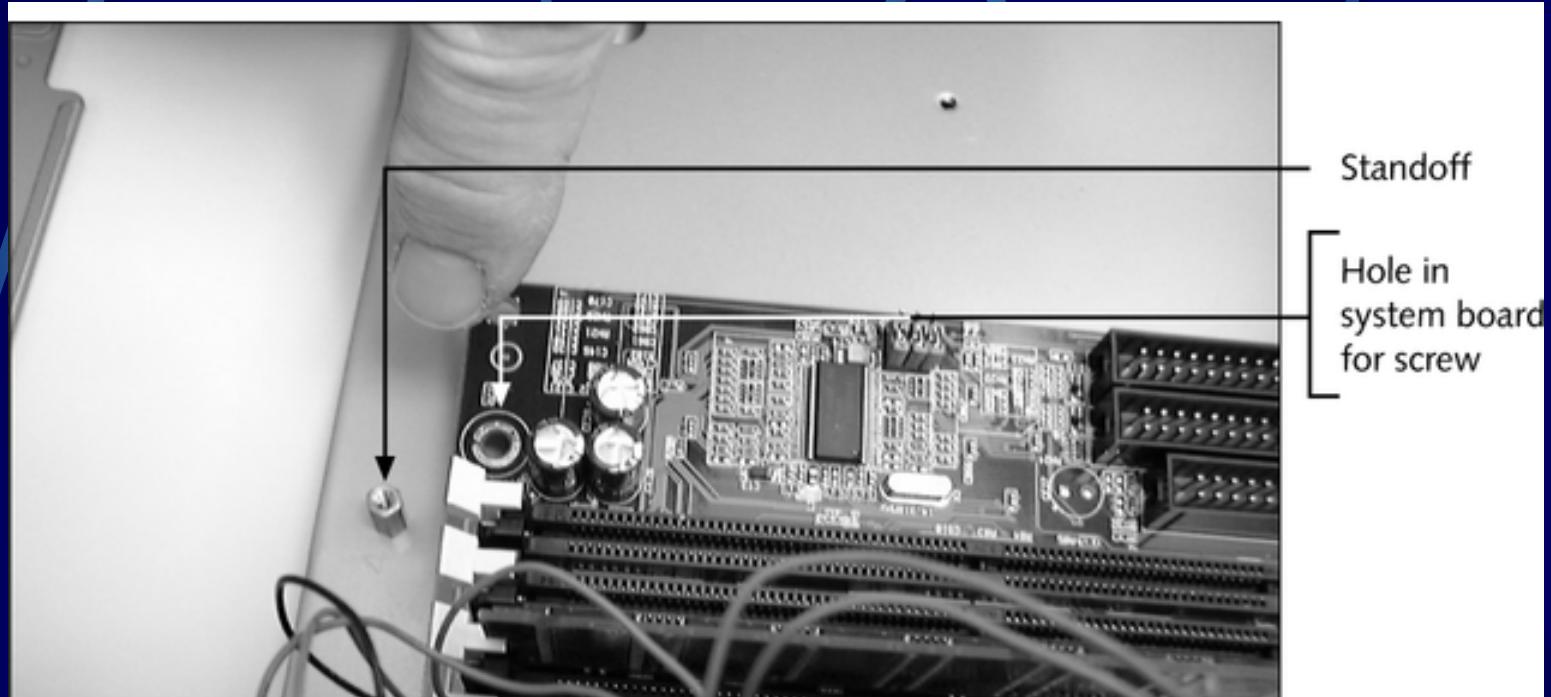


**Figure 14-19** The computer case comes with several faceplates. Select the faceplate that fits over the ports that come off the system board. The other plates can be discarded.

# Instalação da Board na caixa



# Instalação da Board na caixa



**Figure 14-21** Select the positions of each standoff so that holes in the system board will align directly over the standoff. The system board will later be held in place with screws in the standoffs.

# Instalação da Board na caixa

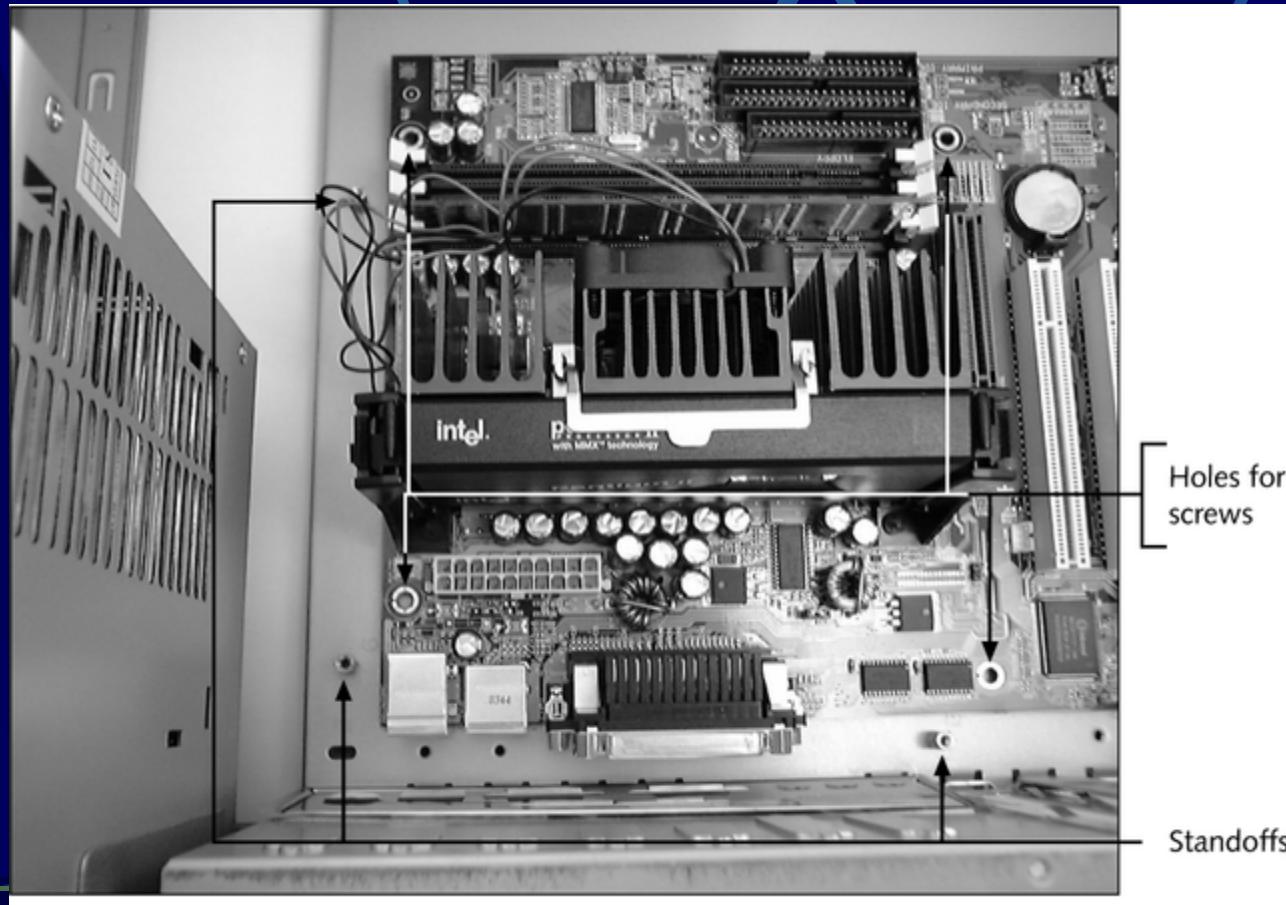


Figure 14-22 Three standoffs and four screw holes are visible

# Alimentação & Conectores de painel frontal

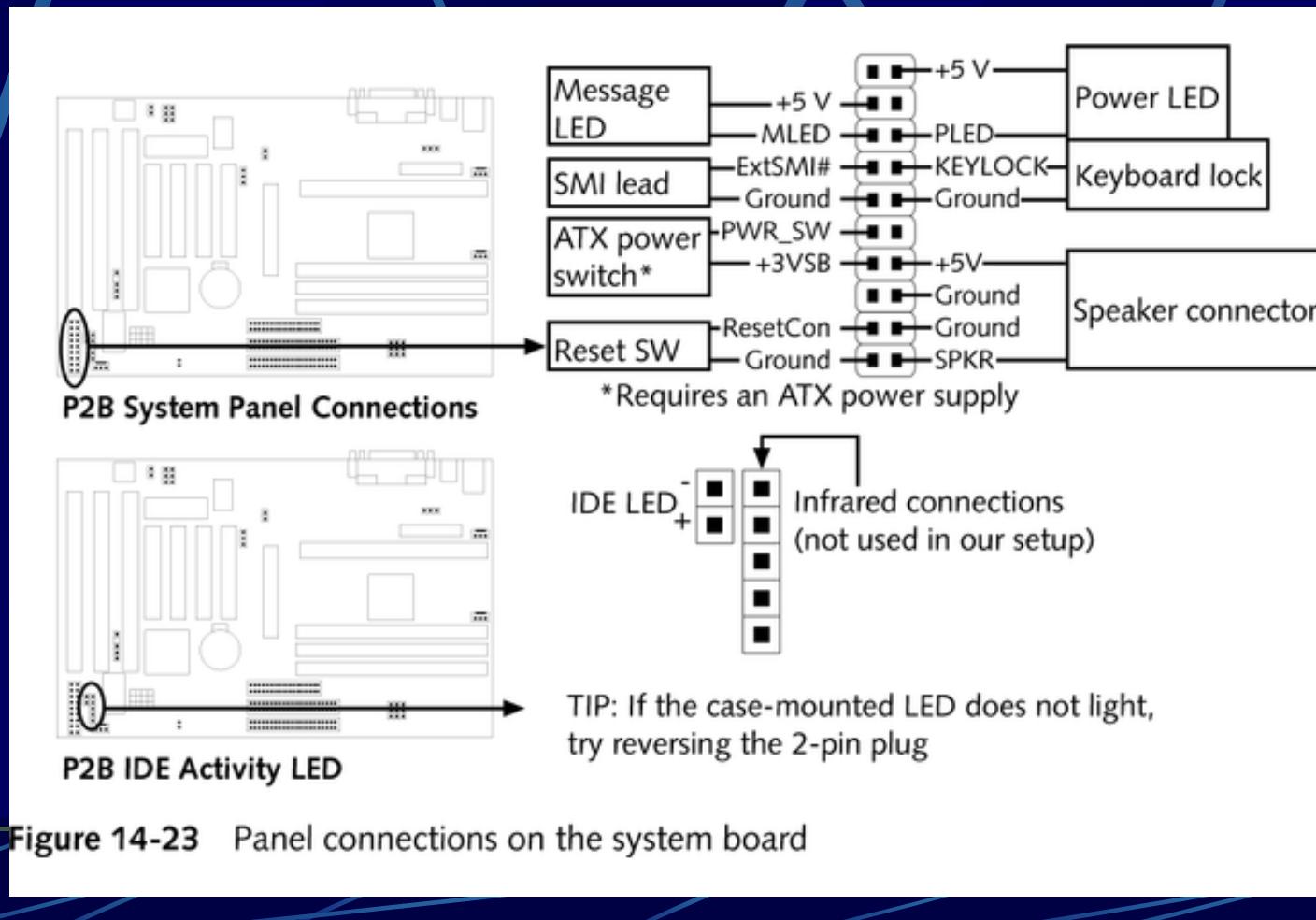
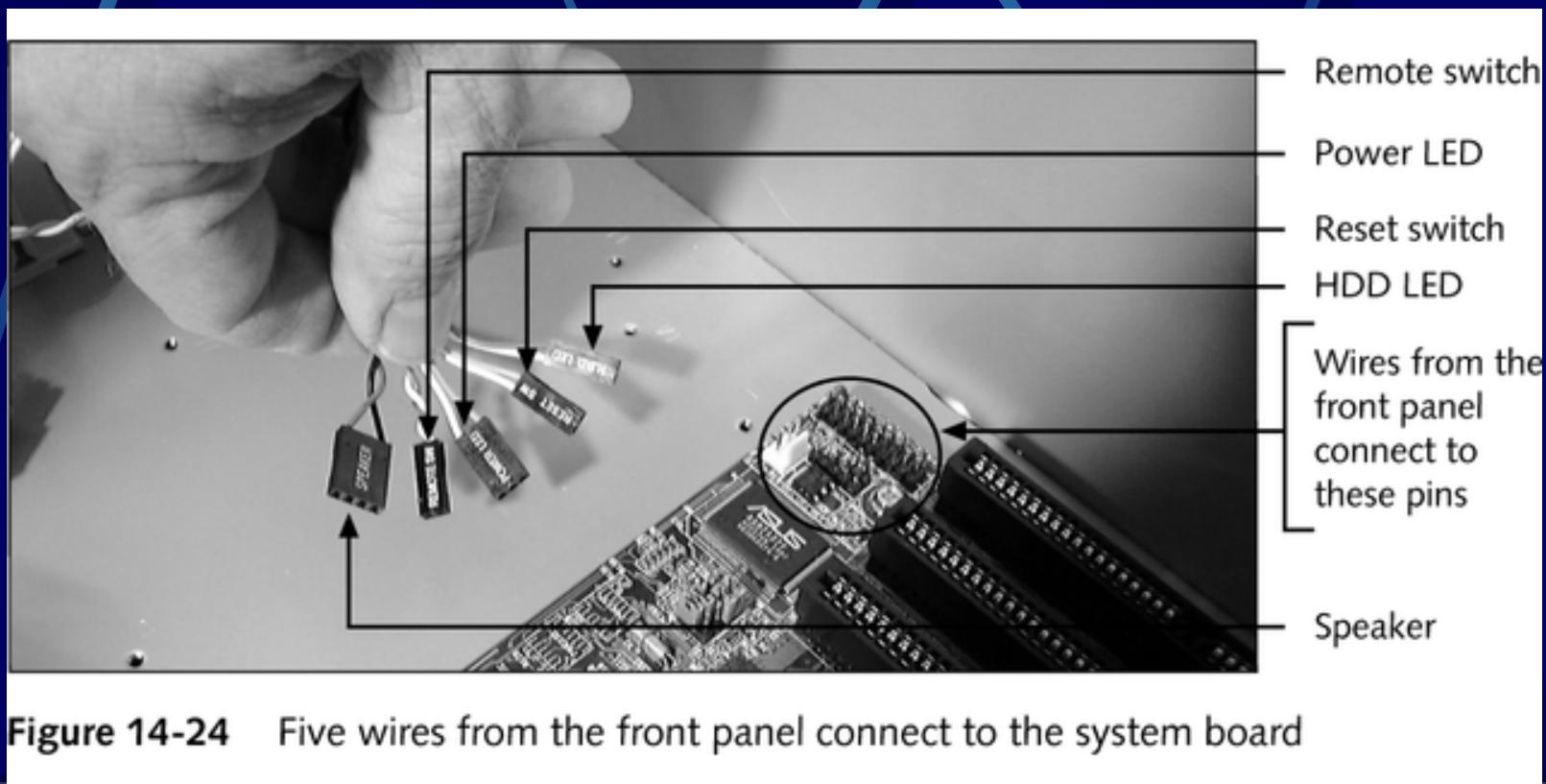
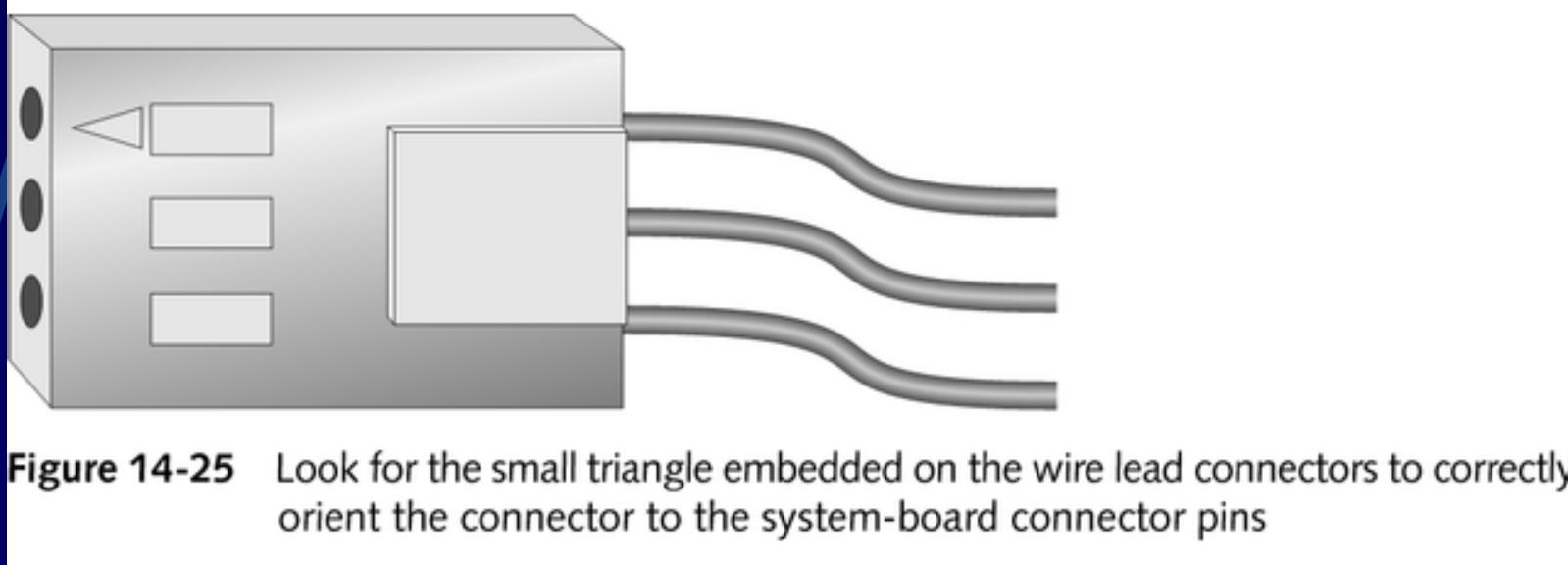


Figure 14-23 Panel connections on the system board

# Alimentação & Conectores de painel frontal



# Alimentação & Conectores de painel frontal

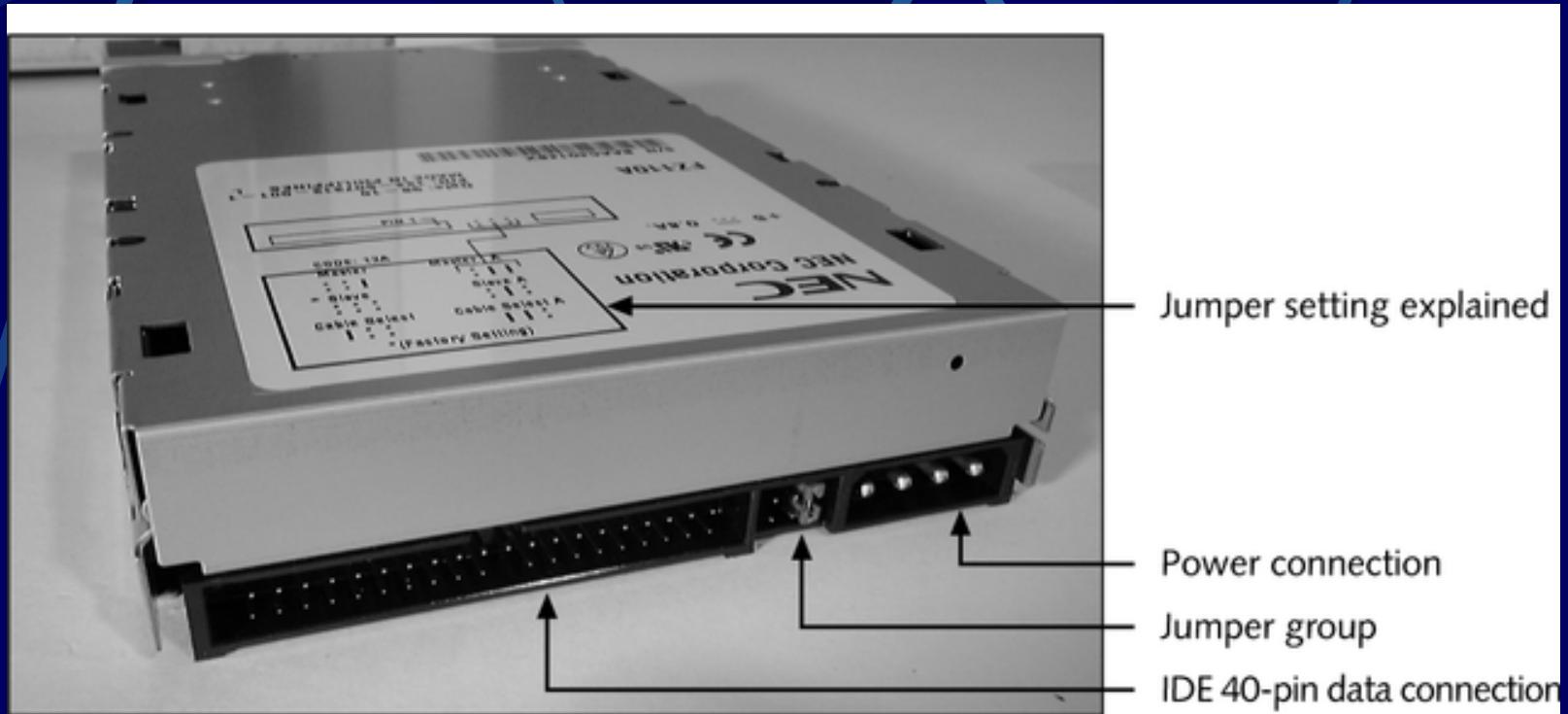


**Figure 14-25** Look for the small triangle embedded on the wire lead connectors to correctly orient the connector to the system-board connector pins

# **Instalação Floppy, Hard Drives, CD ROMs e Zip Drives**

- Colocar os IDE jumpers em cada drive IDE do sistema
- Instalar drives numa baia removível

# Instalação Floppy, Hard e Zip Drives



**Figure 14-26** Jumpers on the Zip drive housing are used to configure an IDE drive as single, master, or slave

# Instalação Floppy, Hard e Zip Drives

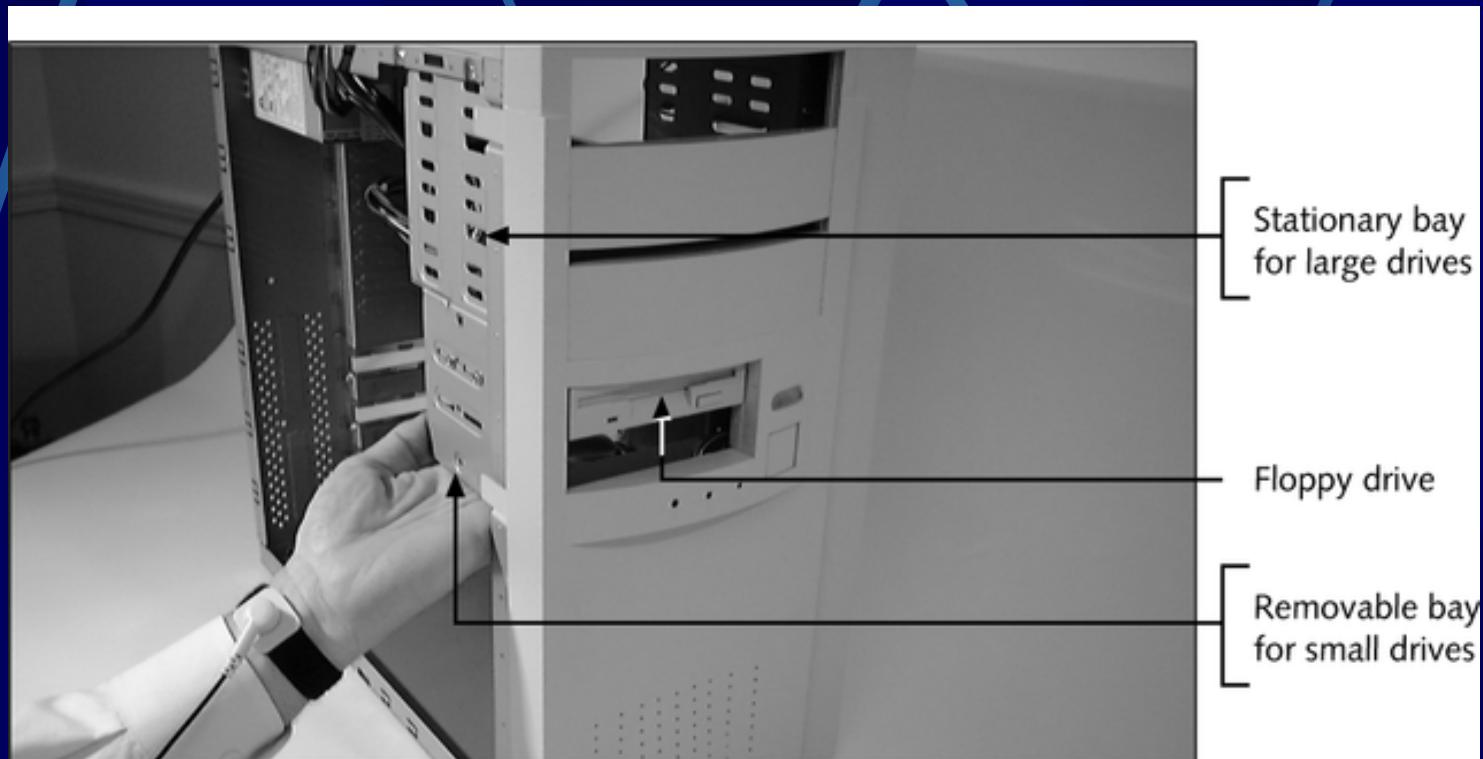
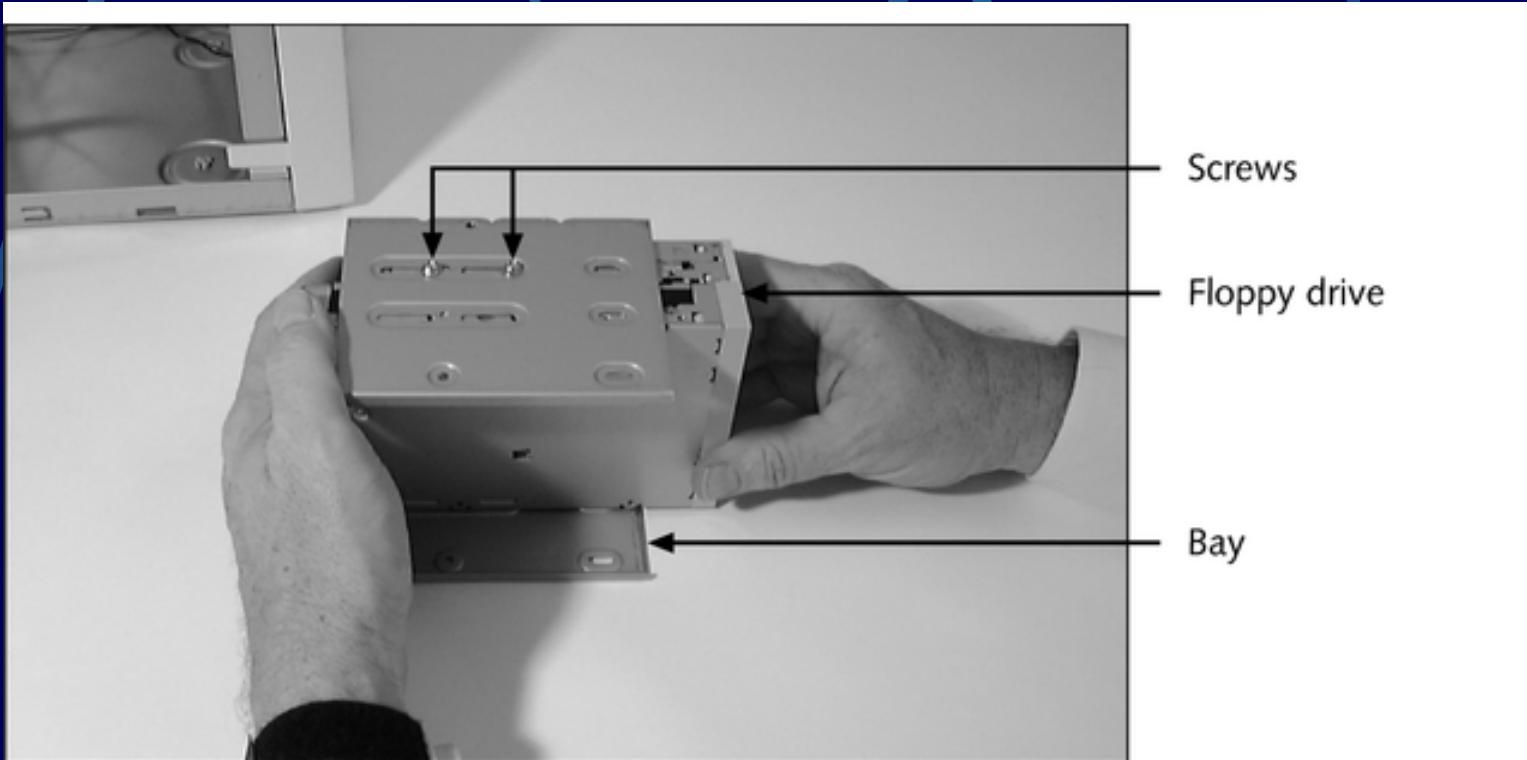


Figure 14-27 Line up the floppy drive in the removable bay, flush with the front of the case

# Instalação Floppy, Hard e Zip Drives



**Figure 14-28** Secure the floppy drive to the removable bay with four screws, two on each side of the bay

# Instalação Floppy, Hard e Zip Drives

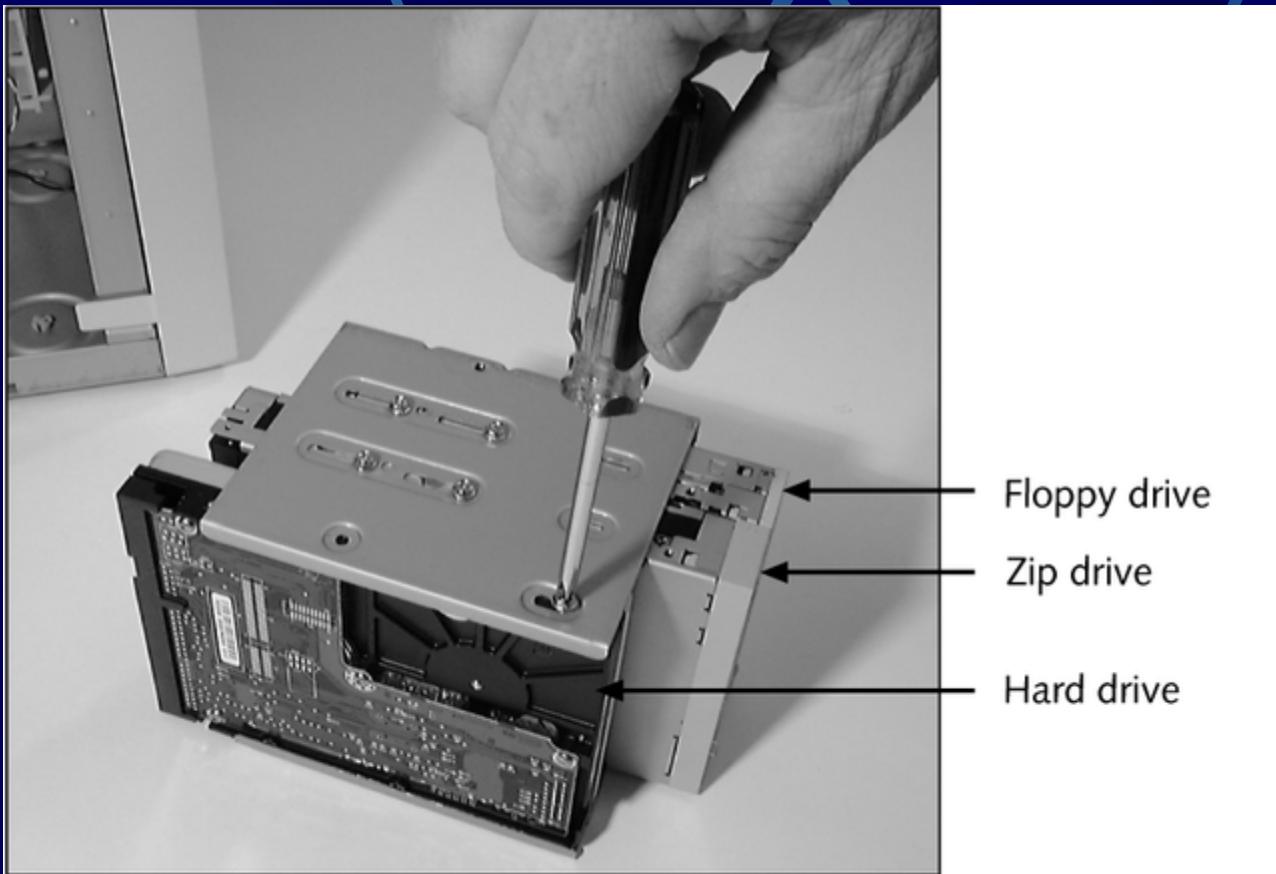


Figure 14-29 Position the hard drive flush with the end of the bay

# Instalação Floppy, Hard e Zip Drives

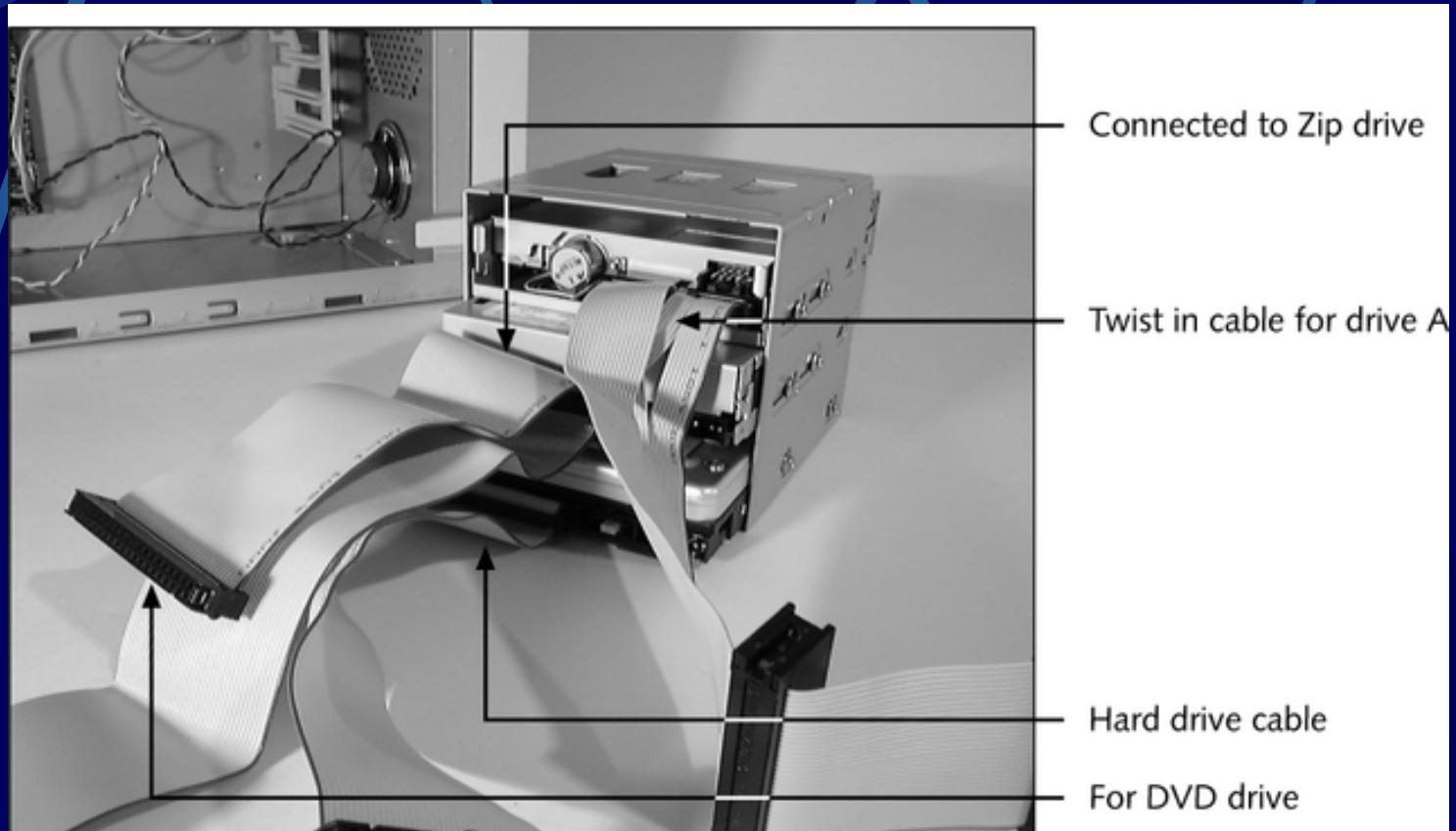


Figure 14-30 Connect the cables to all three drives

# Instalação Floppy, Hard e Zip Drives

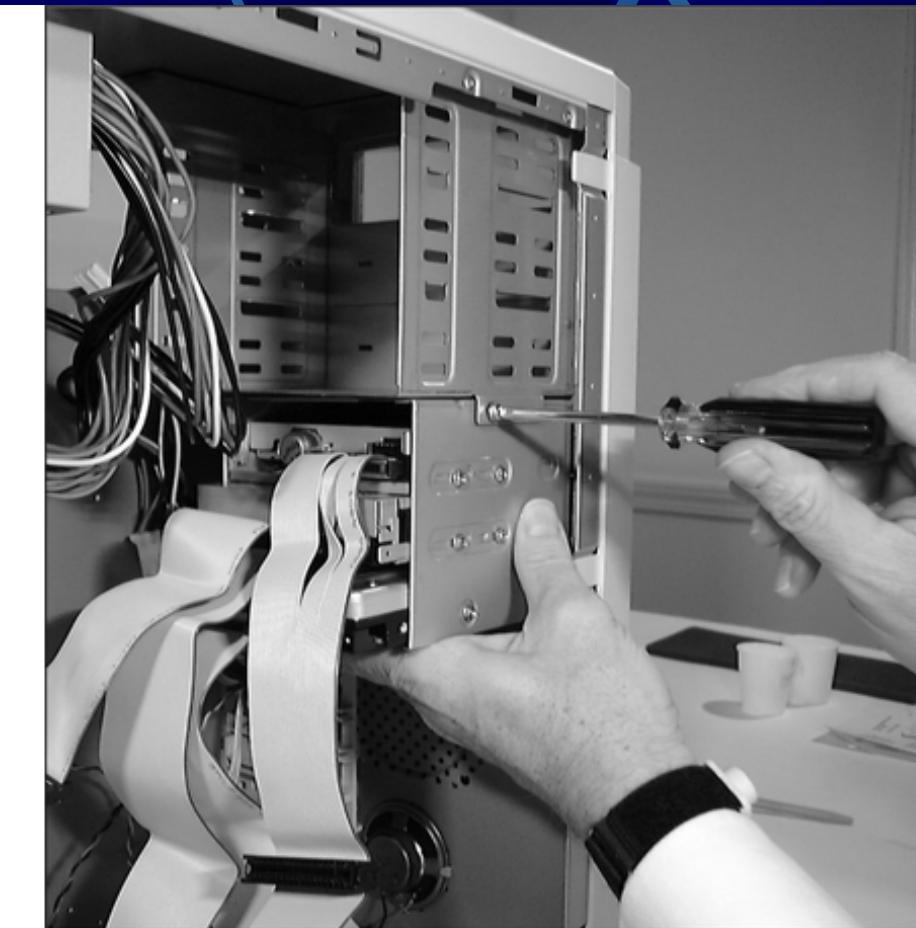


Figure 14-31 Secure the bay with the bay screw

# Instalação Floppy, Hard e Zip Drives

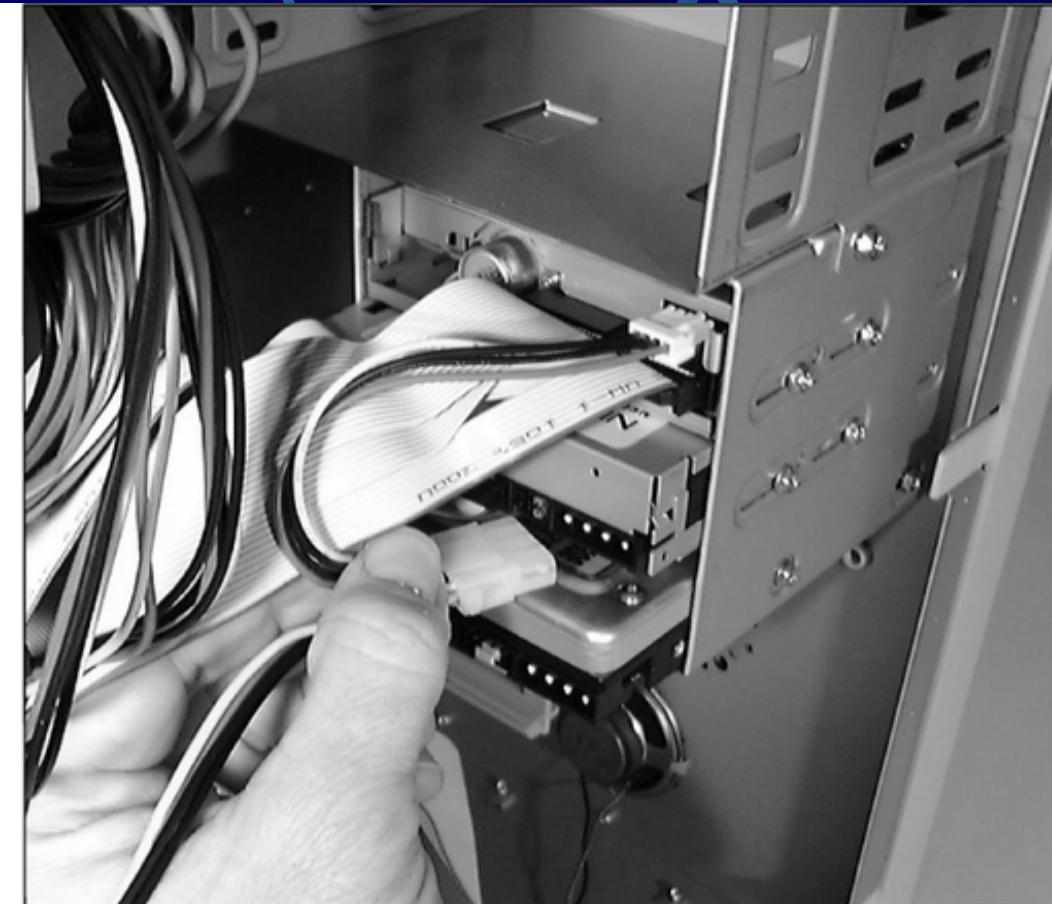


Figure 14-32 Connect power cords to each drive

# Instalação Floppy, Hard e Zip Drives

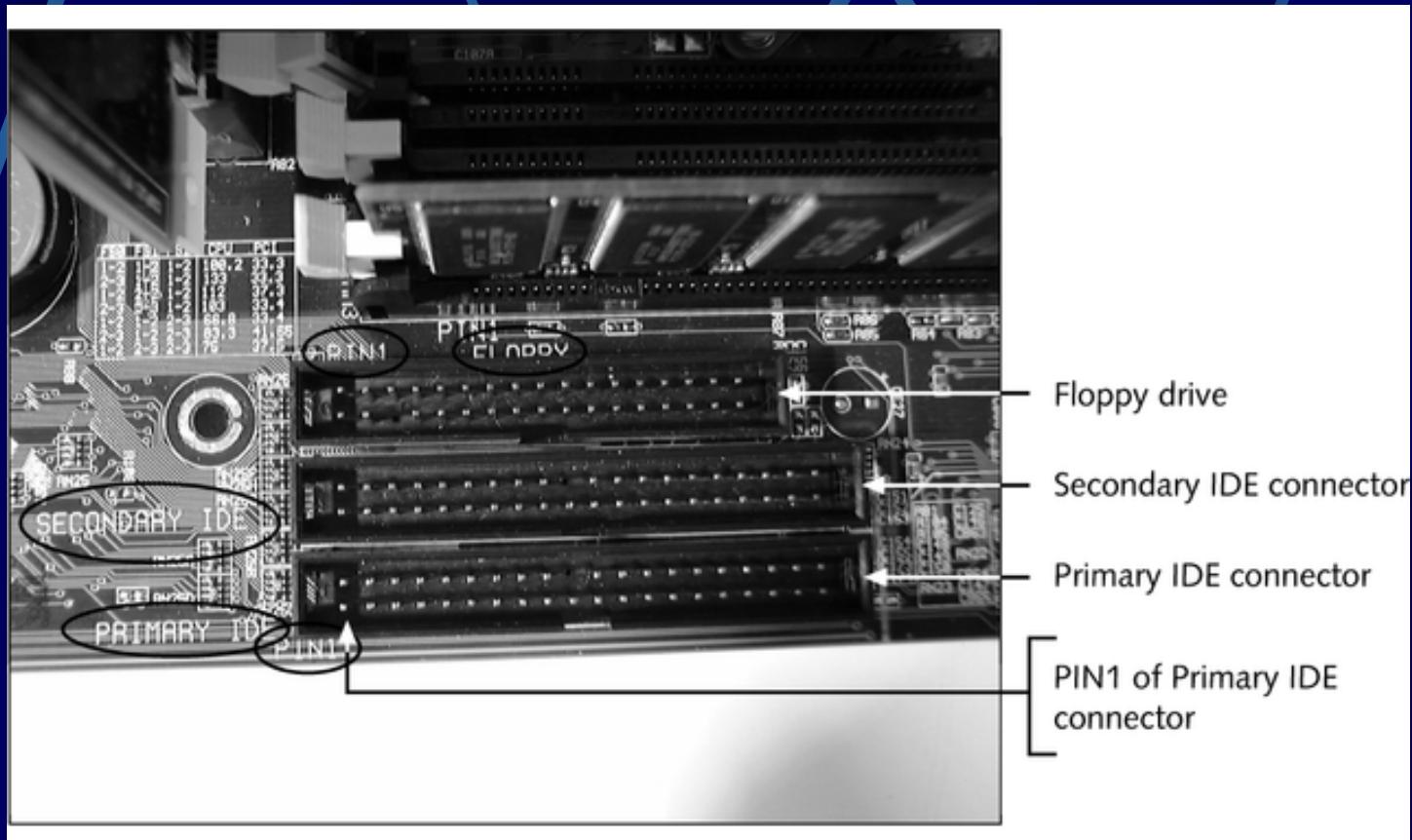


Figure 14-33 Floppy drive and two IDE connectors on the system board

# Instalação de Video, Som, Modem e adaptador SCSI

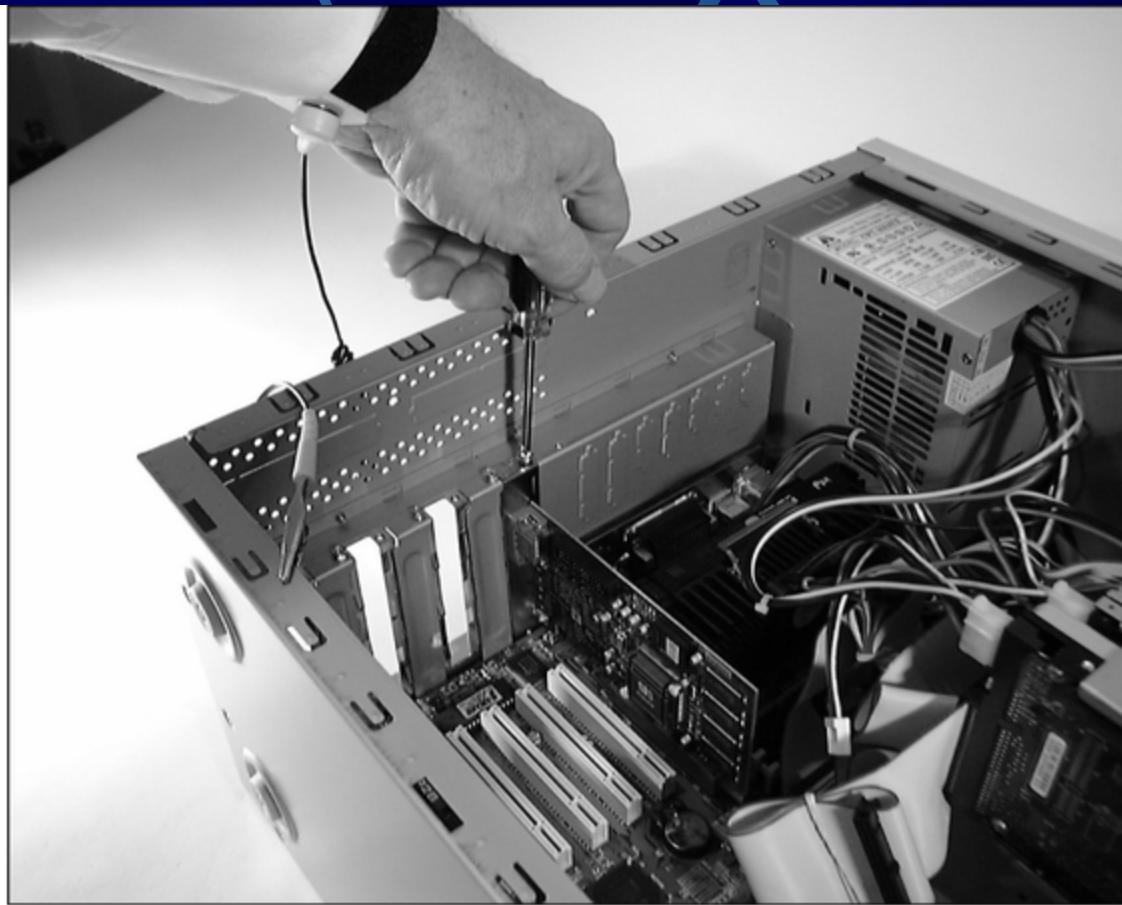


Figure 14-34 Secure the video card in the slot with a screw

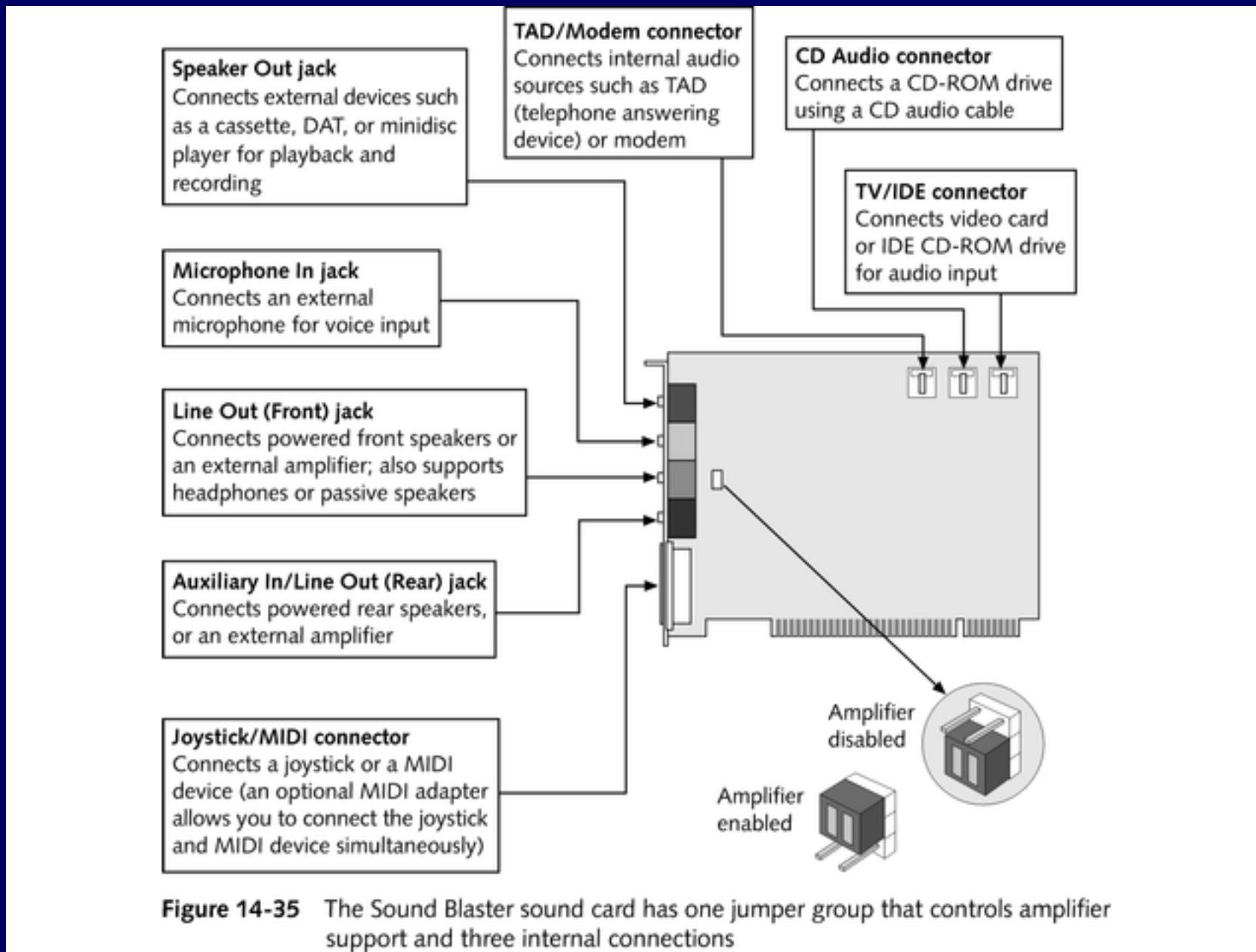
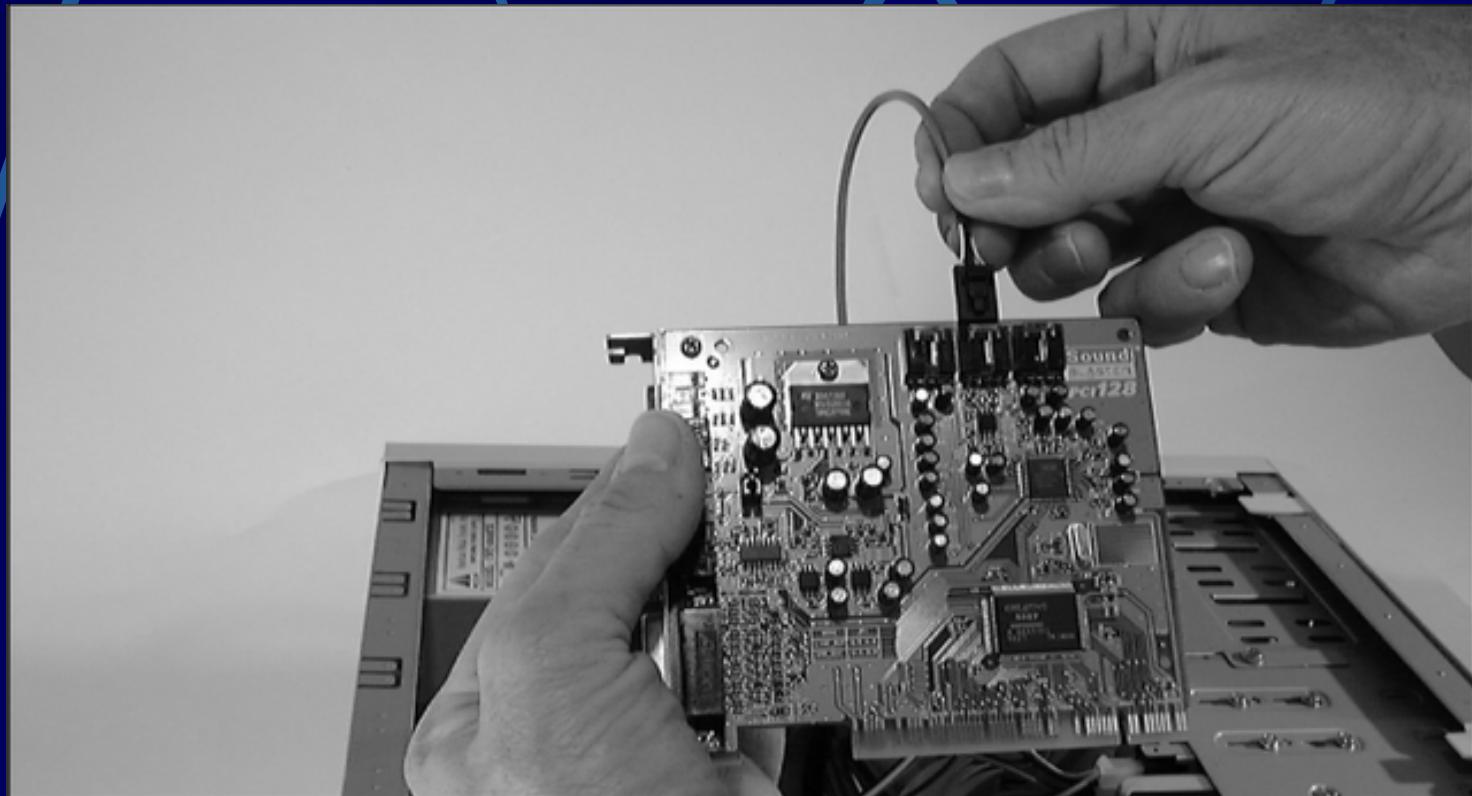


Figure 14-35 The Sound Blaster sound card has one jumper group that controls amplifier support and three internal connections

# **Instalação de Video, Som, Modem e adaptador SCSI**



**Figure 14-36** Connect the audio card to the sound card

# Instalação de Video, Som, Modem e adaptador SCSI

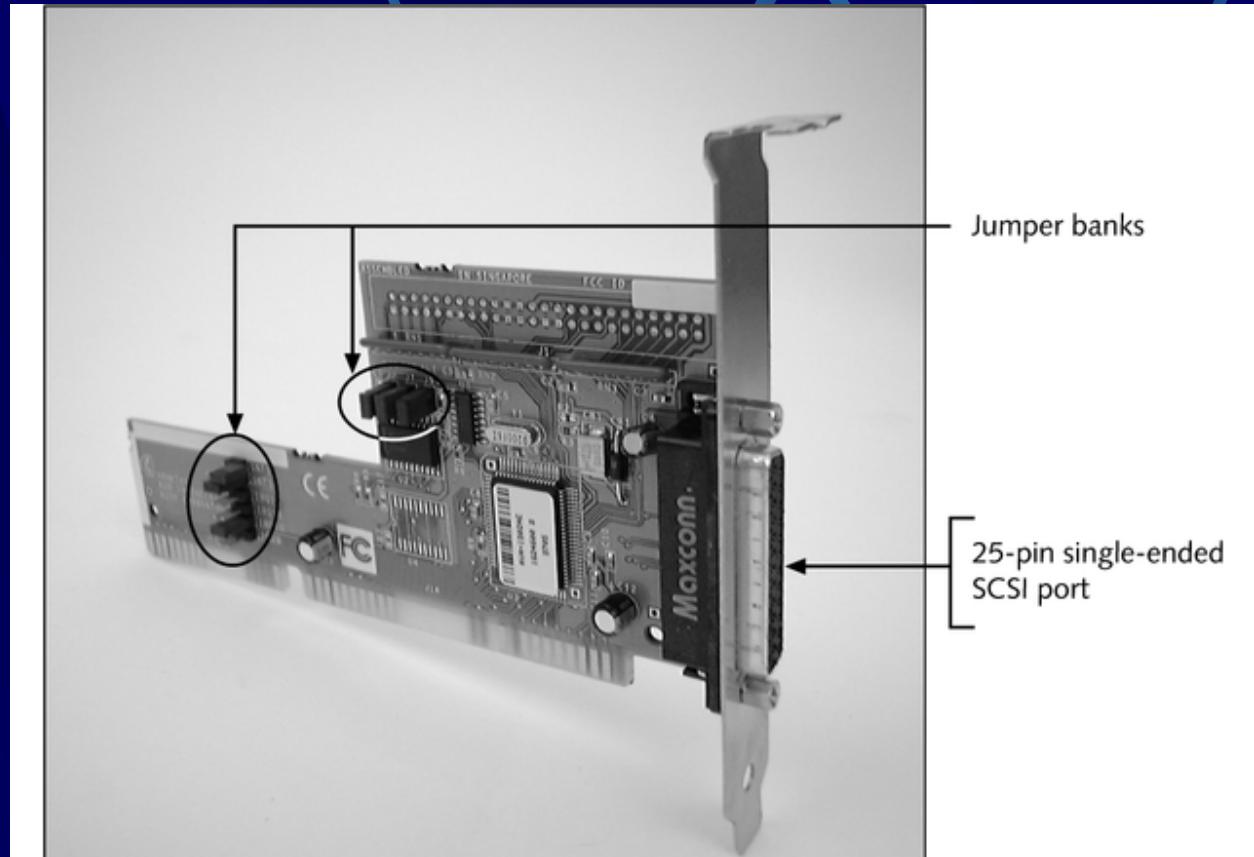


Figure 14-37 SCSI host adapter card

# Instalação de Video, Som, Modem e adaptador SCSI

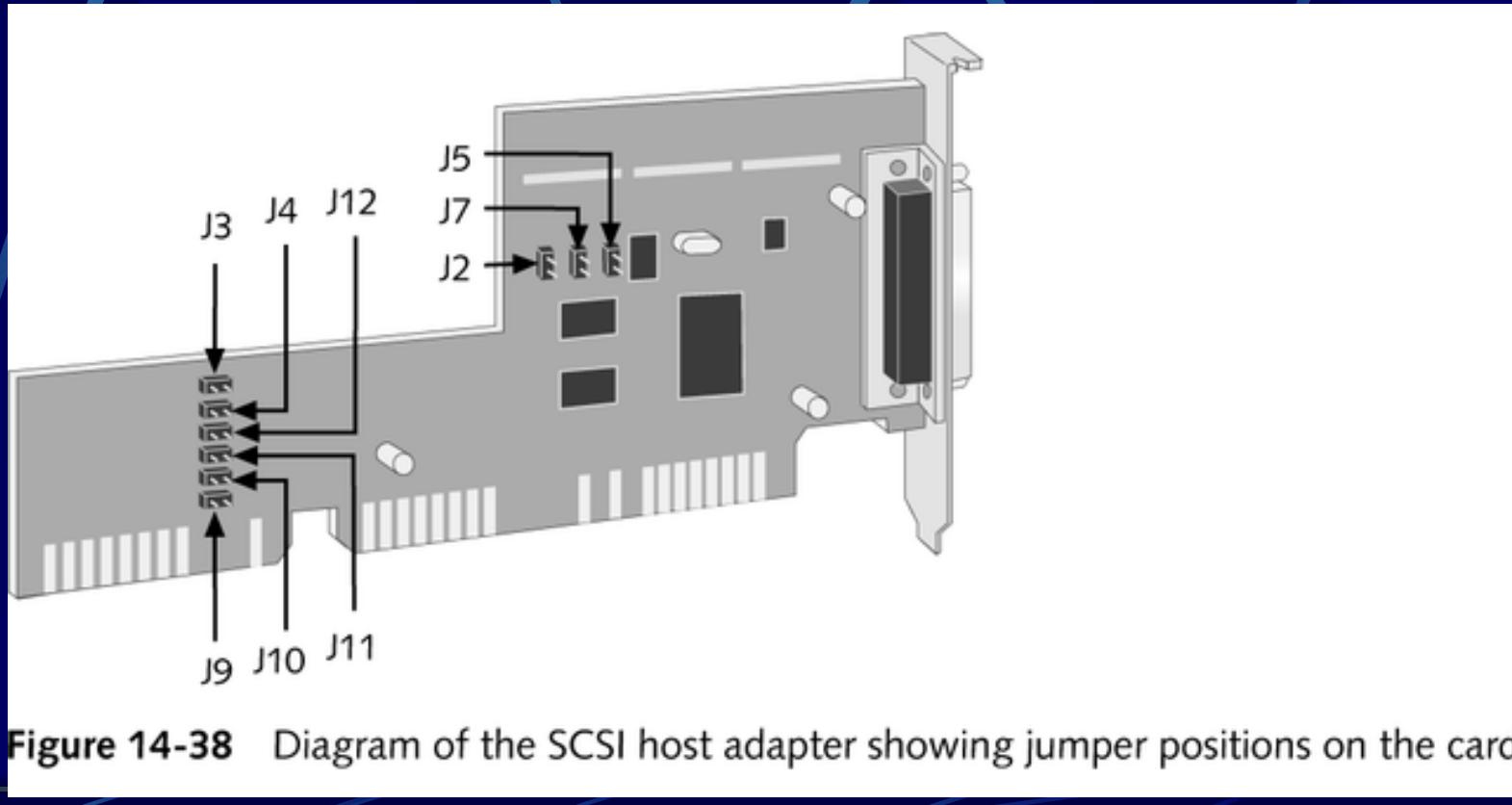


Figure 14-38 Diagram of the SCSI host adapter showing jumper positions on the card

# Instalação de Video, Som, Modem e adaptador SCSI

SCSI Disconnection	J2	I/O Port Address		J5	SCSI Parity		J7
Enabled Disabled*	Off On	140h* 340h		On Off	Enabled* Disabled		On Off
		IRQ Channel	J3	J4	J12	J11	J10
On = Jumper Off = No Jumper		9 10* 11 12	On Off On Off	On On Off Off	Off Off Off On	Off Off On Off	On On Off Off
							J9

Figure 14-39 Table of jumper settings for the host adapter

# Instalação de DVD

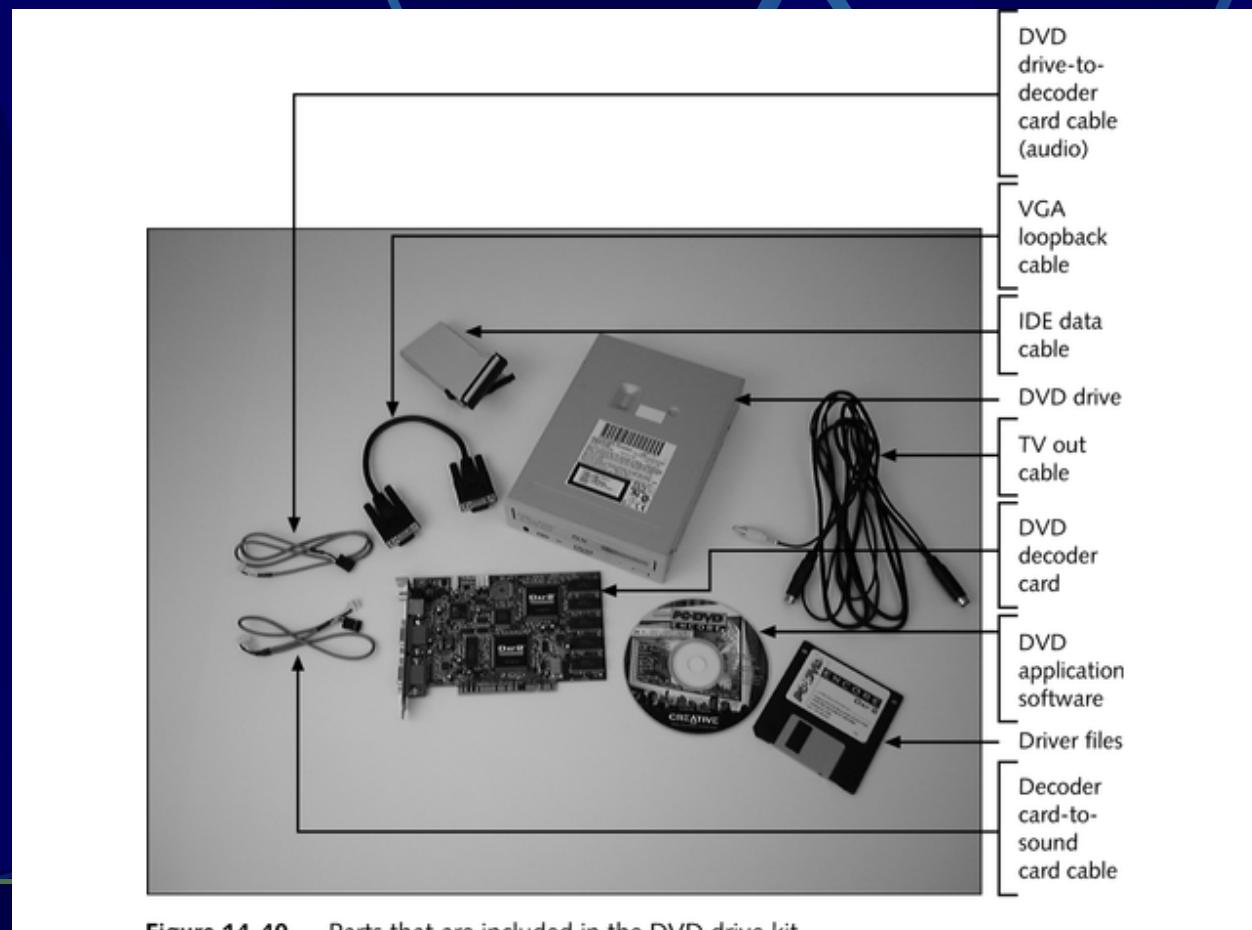
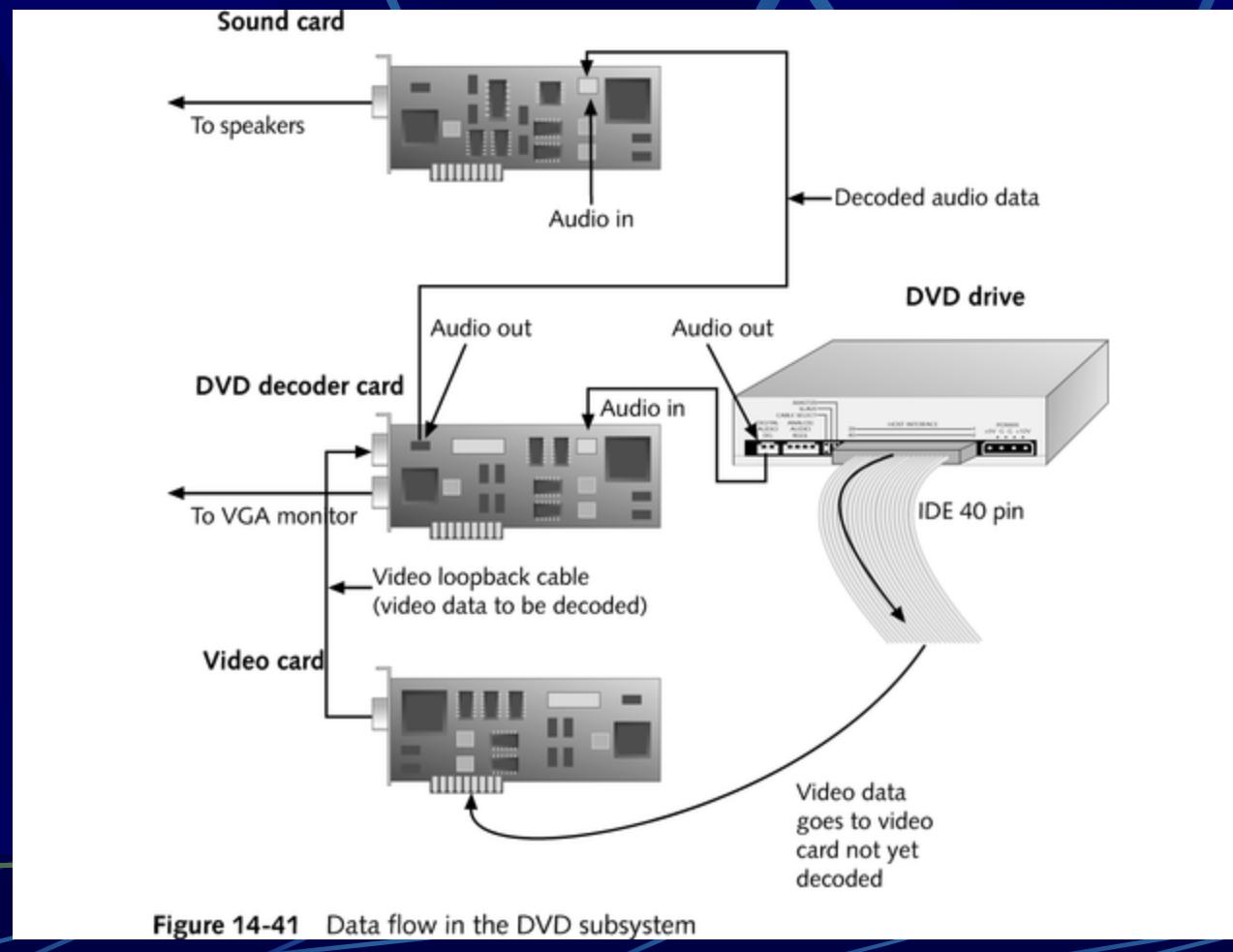
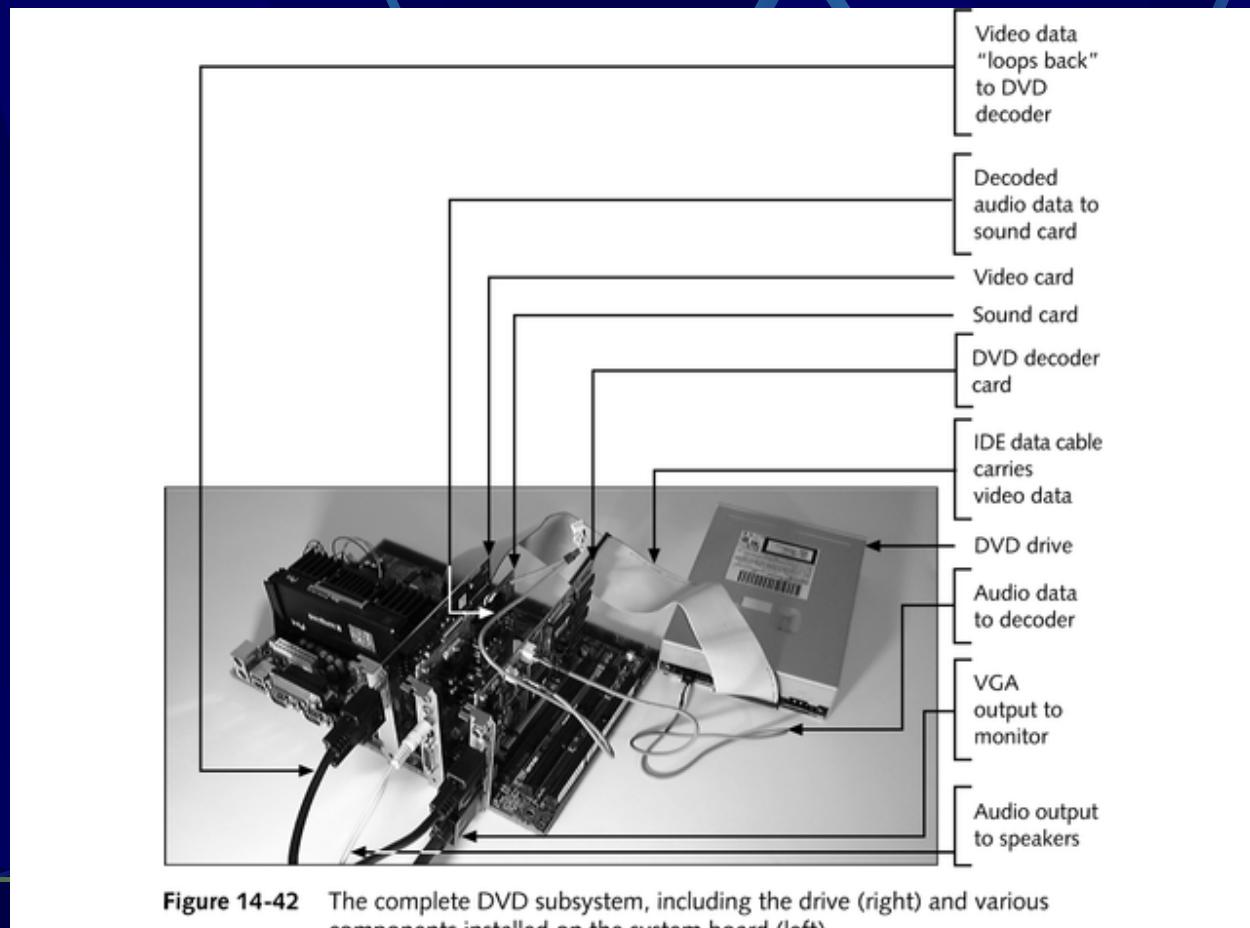


Figure 14-40 Parts that are included in the DVD drive kit

# Instalação de DVD

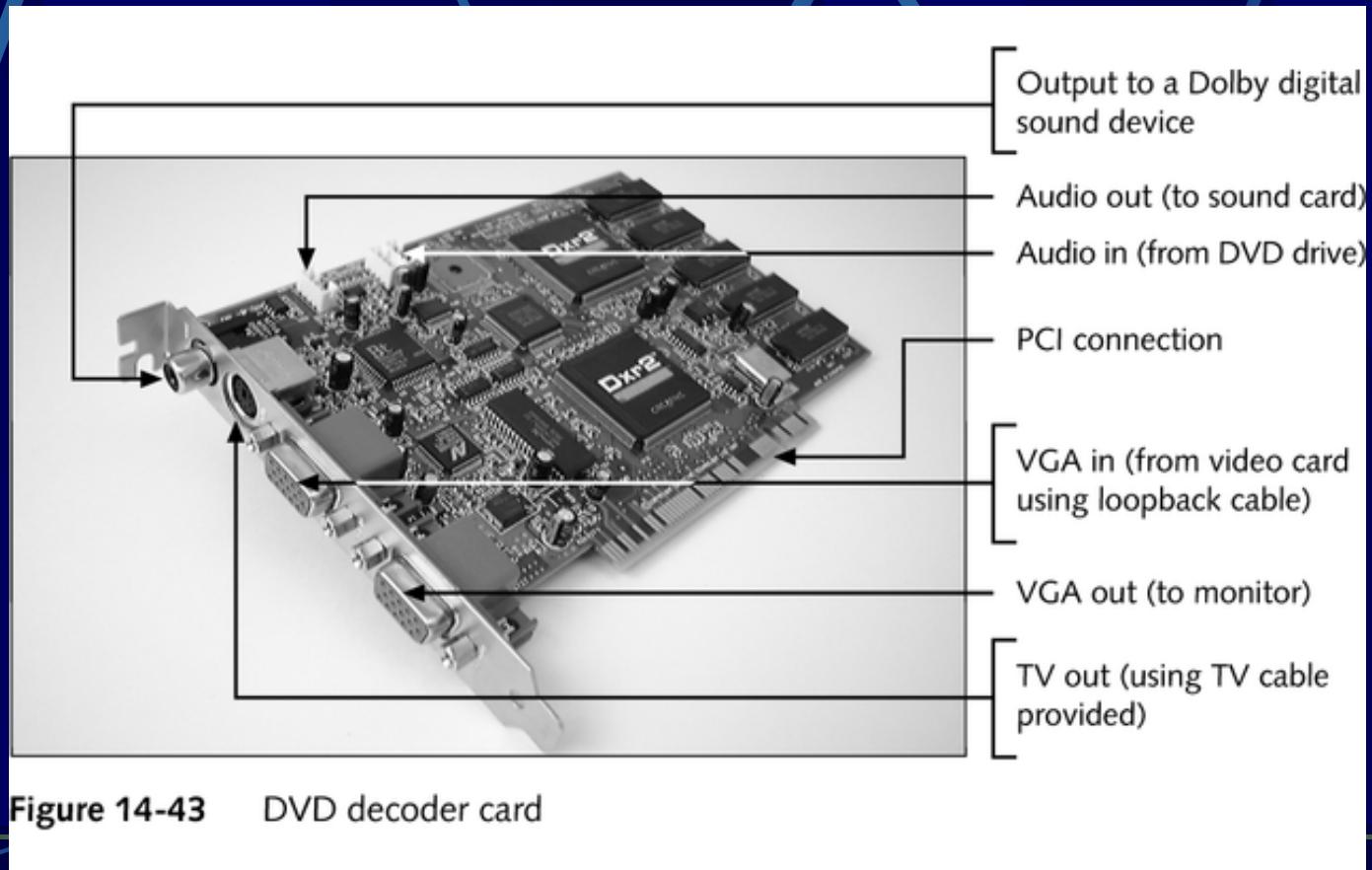


# Instalação de DVD



**Figure 14-42** The complete DVD subsystem, including the drive (right) and various components installed on the system board (left)

# Instalação de DVD



# Instalação de DVD

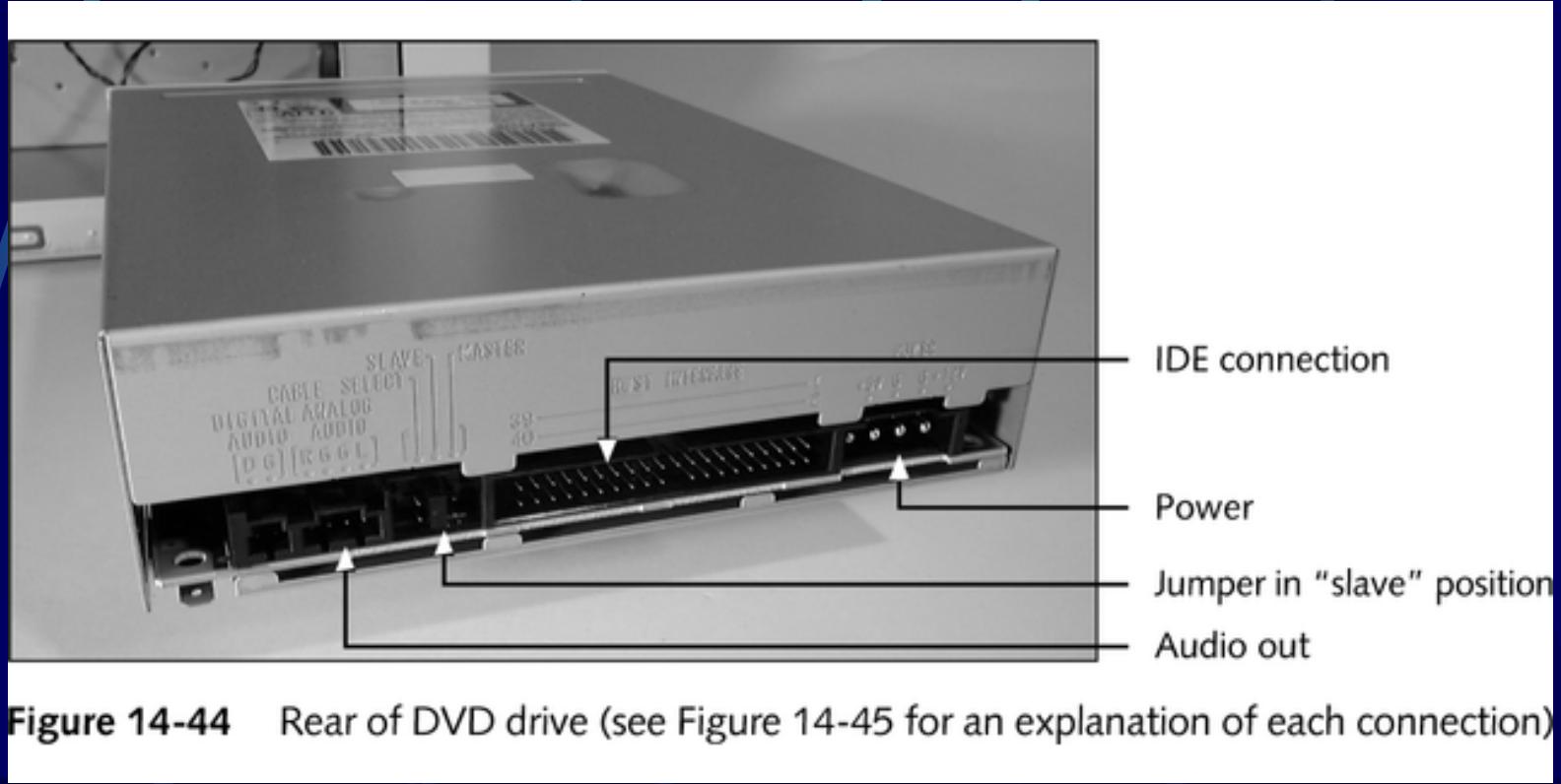
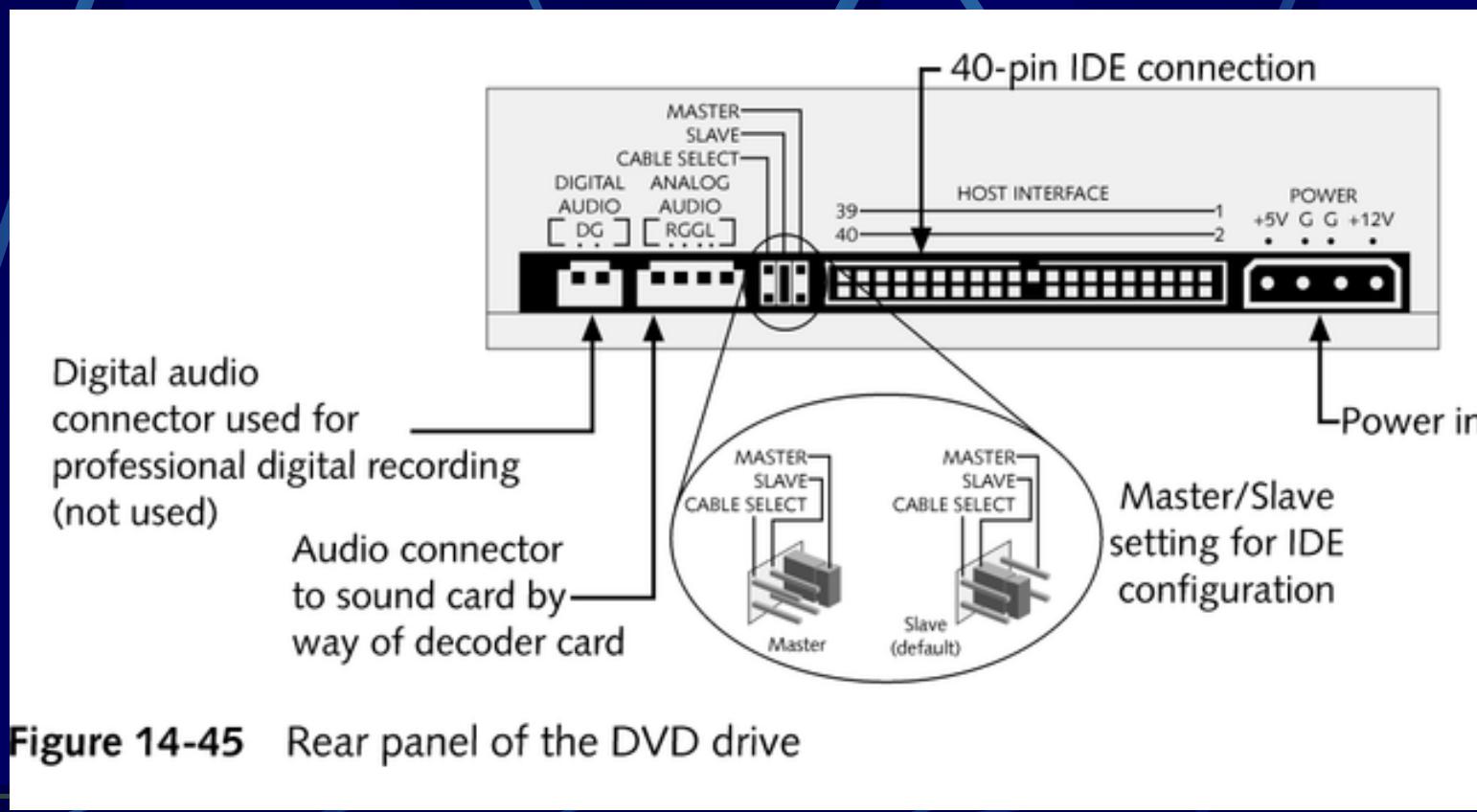


Figure 14-44 Rear of DVD drive (see Figure 14-45 for an explanation of each connection)

# Instalação de DVD



# Instalação de DVD



**Figure 14-46** Slide the DVD drive into the bay

# Instalação de DVD

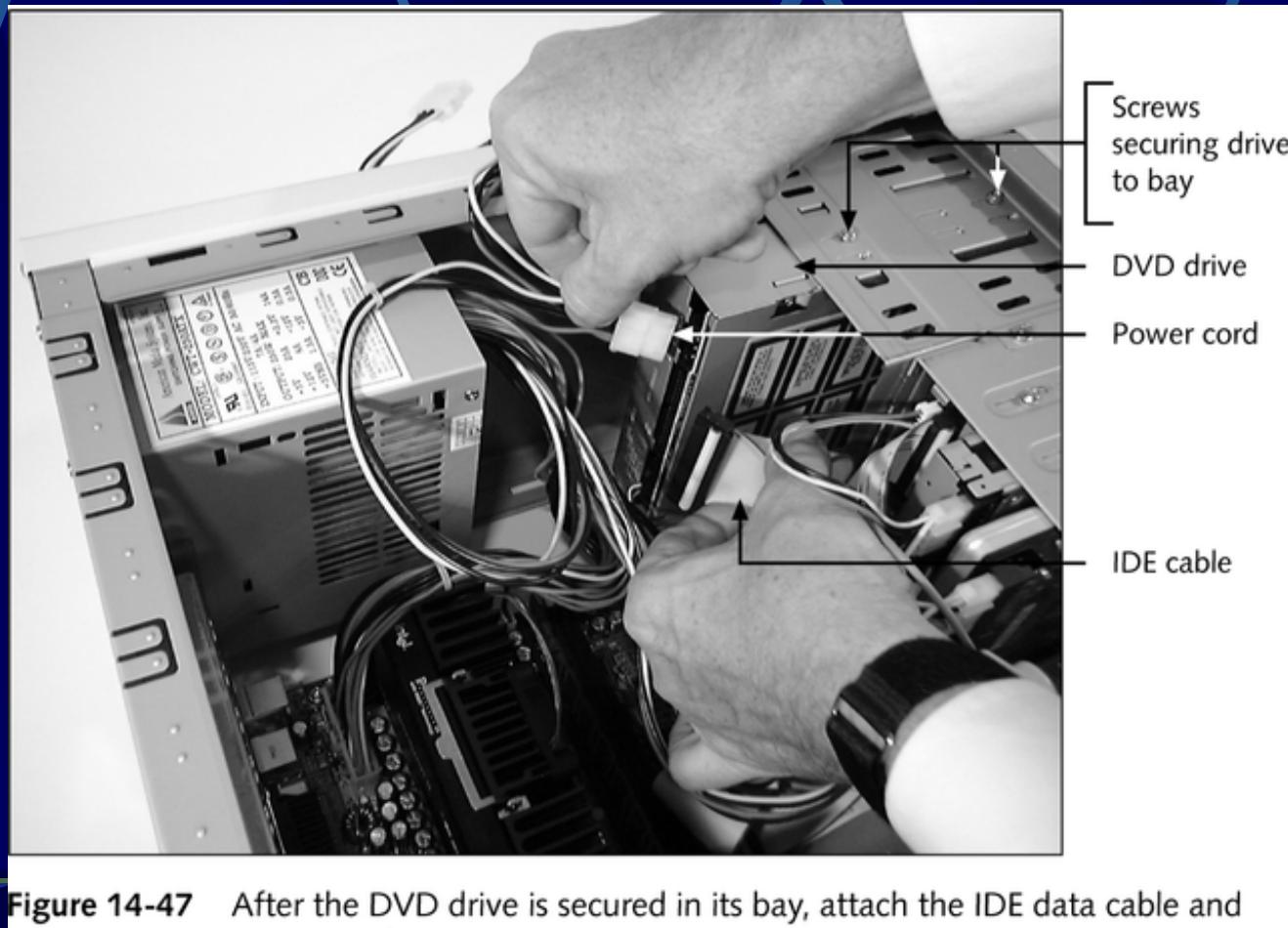


Figure 14-47 After the DVD drive is secured in its bay, attach the IDE data cable and power cord

# Instalação de DVD

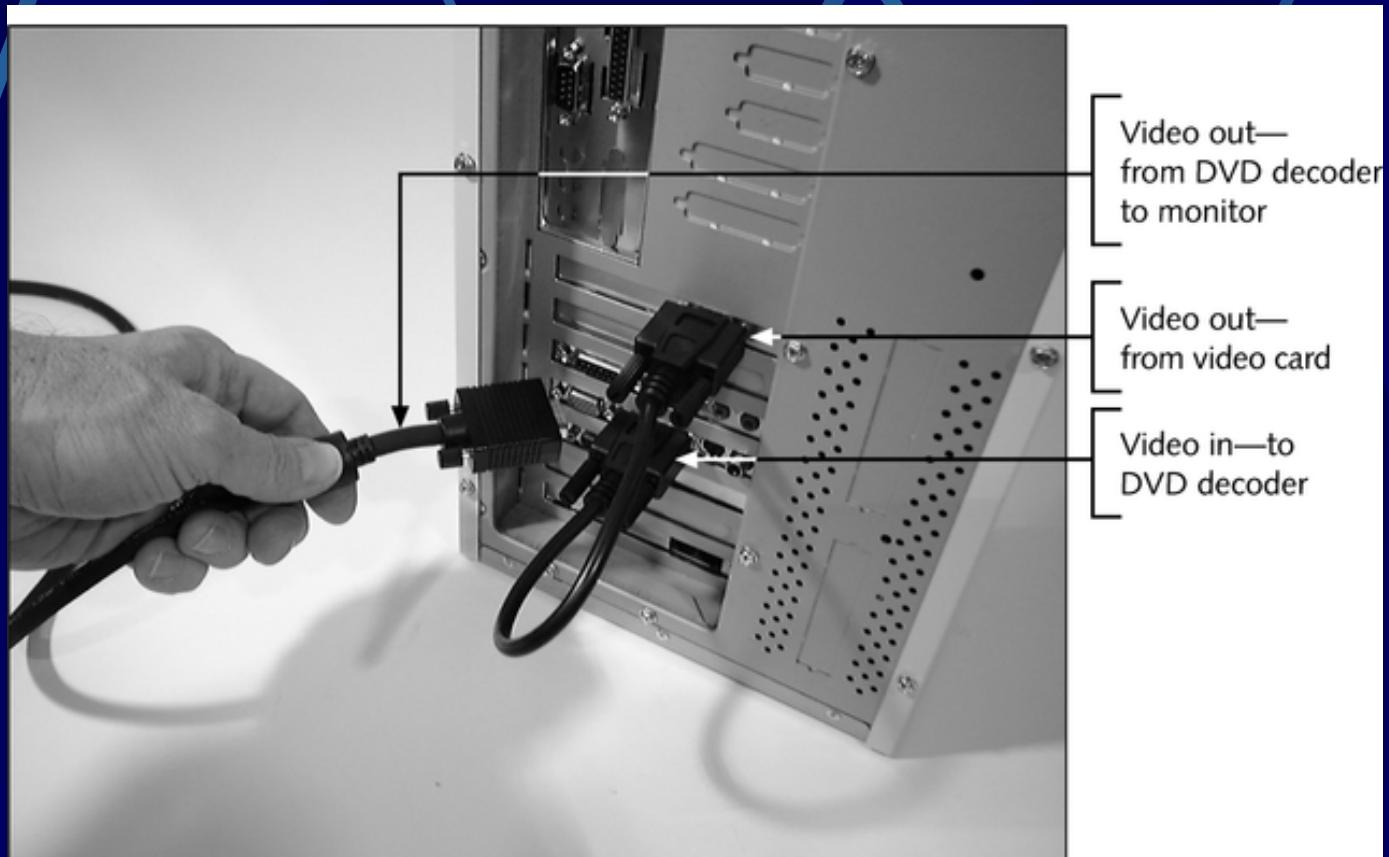


Figure 14-48 The video loopback cable installed in the DVD subsystem

# Ligar outros periféricos

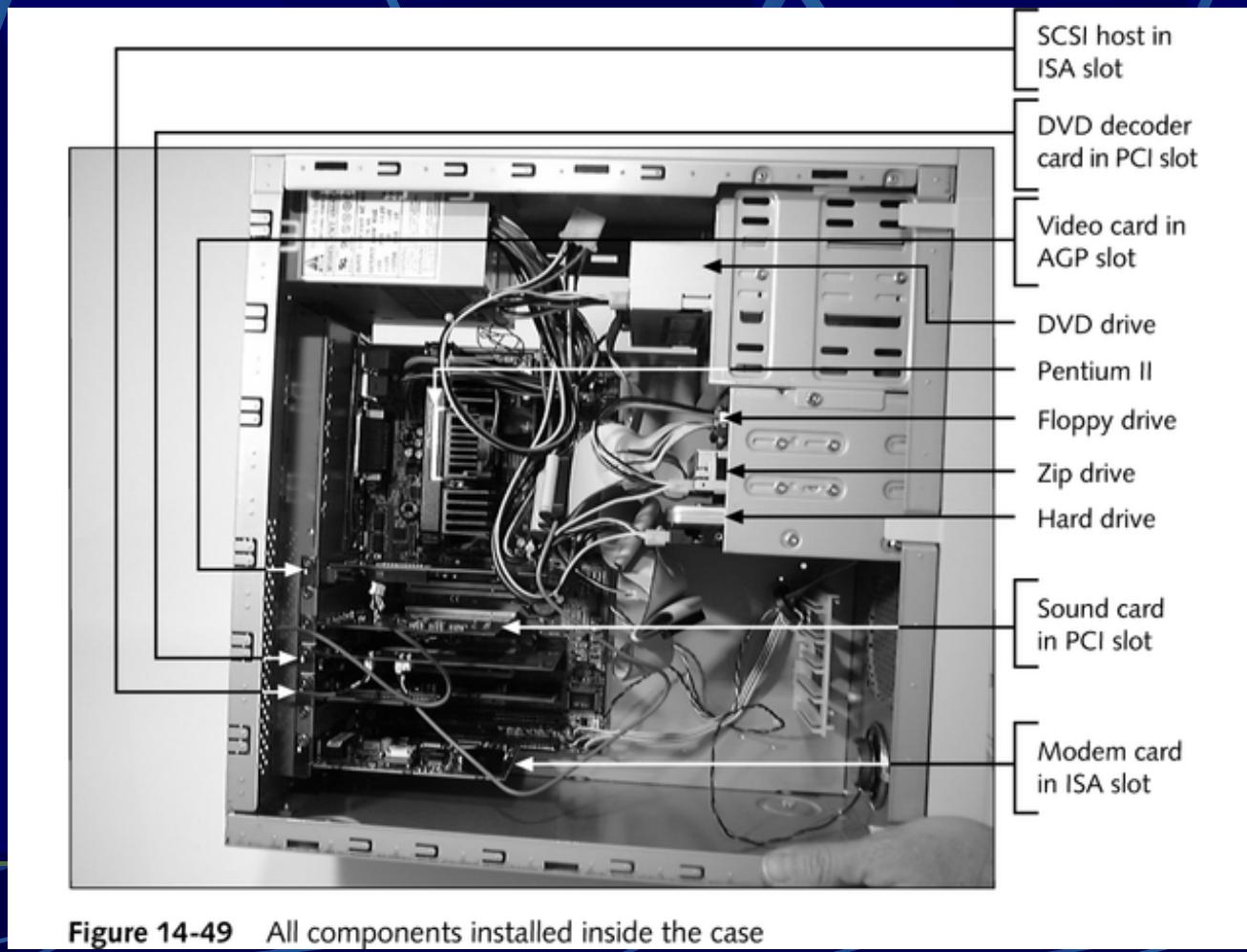


Figure 14-49 All components installed inside the case

# Ligar outros periféricos

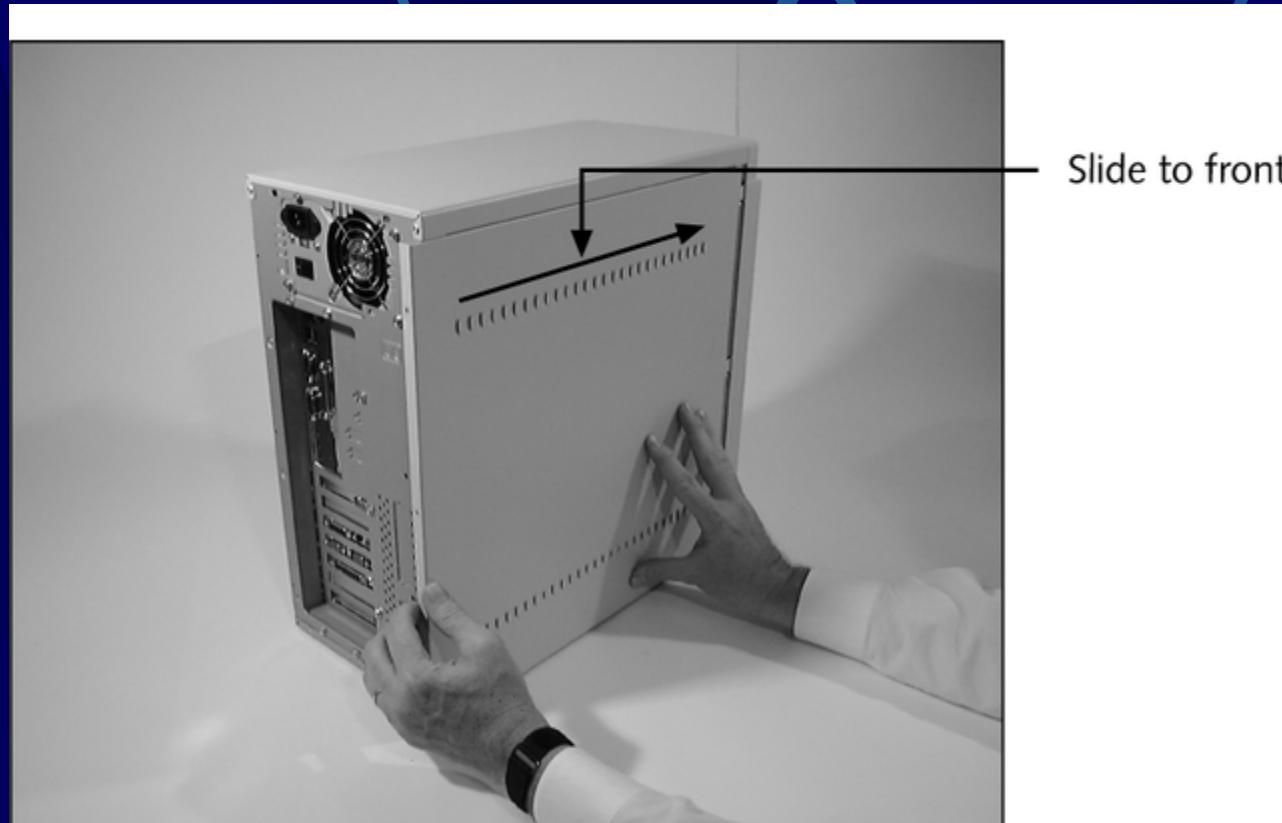


Figure 14-50 Install the panels on each side of the computer case

# Instalar o SO

**Table 14-2** Files needed on the bootable disk to start the load process

Files	Description
COMMAND.COM, IO.SYS, MSDOS.SYS	DOS 7.1 files necessary to boot
AUTOTEXEC.BAT and CONFIG.SYS	Needed to load device driver to support the DVD drive and to load Himem.sys so there is enough memory available to DOS to support the DVD drive and format the hard drive
MSCDEX.EXE and MTMCDAL.SYS	DOS extender and a device driver that together allow the DVD drive to "act like" a CD-ROM drive (just about any CD-ROM driver would work in place of the Mtmcdai.sys file used here)
HIMEM.SYS	Allows access to extended memory that is needed by DOS and drivers
FDISK.EXE and FORMAT.COM	Needed to partition and format the hard drive

# Ligar os últimos Periféricos; Instalar Device Drivers

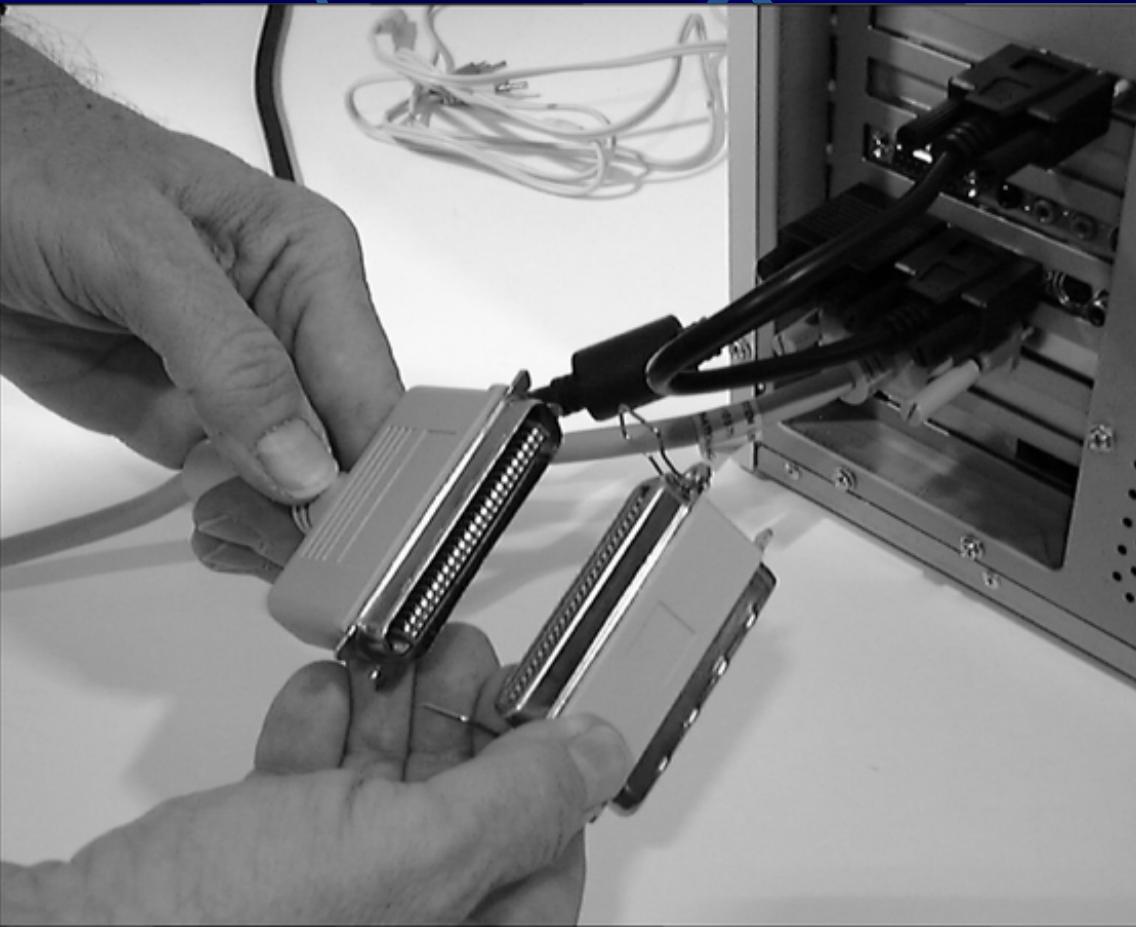


Figure 14-51 Include a terminating resistor at the scanner end of the SCSI chain

# Ligar os últimos Periféricos; Instalar Device Drivers



Figure 14-52 The completed system