



About Cautions

 **CAUTION:** A CAUTION indicates a potential for property damage, personal injury, or death.

Dell™ PowerEdge™ 850 Systems Information Update

IDE Device Functionality

When a Dell Remote Access Controller 4 (DRAC 4) is used with any version of Red Hat® Enterprise Linux, the system may lose functionality of IDE devices. To avoid this, pass the following parameter to the kernel command line at system boot:

```
linux ide2=0x1f0
```

Using this kernel command allows the operating system to access the internal CD-ROM drive as well as the virtual CD-ROM on the DRAC 4 system.

Fan Assembly

In order to replace a PCI fan module, follow the procedures in this section instead of the steps described under "Fan Assembly" in your *Installation and Troubleshooting Guide*.



NOTE: The PCI fan module is required only for certain expansion card options and allowed only for certain chassis configurations. Otherwise, the system fan assembly provides adequate cooling, and the PCI fan module is not installed.

Removing the PCI Fan Module

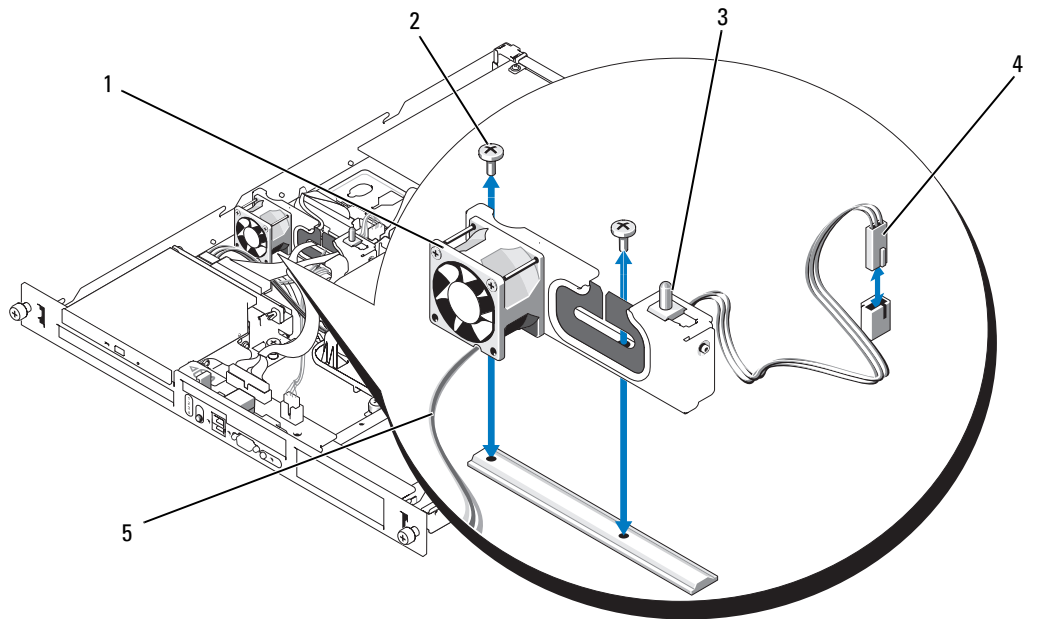


CAUTION: Any installation that requires removal of the system cover is intended solely to be performed by trained service technicians. See your *Product Information Guide* for complete information about safety precautions, working inside the computer and protecting against electrostatic discharge.

- 1 Open the system. See "Opening the System" in the *Installation and Troubleshooting Guide*.
- 2 Disconnect the fan module's power cable from the connector on the system fan assembly.
- 3 Disconnect the chassis intrusion switch cable from the INTRUSION_SWITCH connector on the system board.
- 4 Gently pull the cables connected to the daughter card out of the slot on the mounting bracket.
- 5 Remove the two screws connecting the mounting bracket to the chassis and remove the PCI fan module from the system. See Figure 1.



Figure 1. Installing and Removing the PCI Fan Module



- | | | | | | |
|---|----------------------------|---|-----------------|---|--------------------------|
| 1 | PCI fan | 2 | screws (2) | 3 | chassis intrusion switch |
| 4 | intrusion switch connector | 5 | fan power cable | | |

Installing the PCI Fan Module

- 1 Place the PCI fan module over the mounting holes in the system chassis and install the two screws to connect the mounting bracket to the chassis. See Figure 1.
- 2 Connect the chassis intrusion switch to the INTRUSION_SWITCH connector on the system board.
- 3 Connect the fan module's power cable to the connector on the system fan assembly.
- 4 Route the cables connected to the daughter card through the slot on the mounting bracket.
- 5 Close the system. See "Closing the System" in the *Installation and Troubleshooting Guide*.

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