Replacing the DVD-RAM Drive
5000 and 7000 Series

End-User Replaceable Parts Program
Replacing the DVD-RAM Drive

The DVD-RAM drive allows you to view what you record on your DVD-RAM optical disk. DVD-RAM optical disk is a high-capacity, high performance optical disk that allows data to be read, written and erased. It is designed to work exactly like a floppy disk, allowing you to copy and delete files. The DVD-RAM format also offers exceptional picture, sound quality and quick data retrieval.

Each single-sided DVD-RAM disc can hold approximately 4.7GB of data. Some DVD-RAM disc can hold up to approximately 9.4GB of data. DVD-RAM offers up to eight times the storage capacity of a rewriteable CD. Also, it can read all of the CD and DVD formats including CD-ROM, CD-Audio, CD-R, CD-RW, DVD-ROM and DVD-R.

Introduction

Your Compaq Internet PC has an Easy Access panel that makes accessing the internal parts easy.

This document describes how to remove and replace the DVD-RAM drive (see Figure 1-1).

Figure 1-1

Important: The view shown may vary slightly by model.
Tools Needed

A combination screwdriver (Phillips/flathead) is provided to remove and replace the DVD-RAM drive.

Warranty Statement

Compaq provides these detailed instructions to ensure your safety and to keep your PC from being damaged. Following these instructions also ensures that your PC remains warranted by Compaq.

Your replacement part is warranted for the longer of 90 days from the date the part was delivered to you, or the original One Year Limited Warranty that came with your Compaq Presario.

Preparing Your Computer for Disassembly

Before beginning the removal and replacement procedure, complete the following procedure:

1. Remove any disk(s) or compact disc(s) (CDs) from the computer.

2. Turn off the computer and any peripheral devices connected to your computer.

3. Disconnect the power cord from the electrical outlet, and then from the computer (see Figure 1-2).

4. Disconnect all peripheral device cables from the computer.

Warning

Failure to disconnect the power from the computer may result in personal injury.
I. Disconnecting the Power

1. To shut down your computer, click the Start button, and then click Shut Down. The Shut Down Windows dialog box is displayed. Click OK to turn the computer off.

2. Disconnect the power cord from the electrical outlet 1 and 2 computer (see Figure 1-2).

⚠️ Warning

Failure to disconnect the power from the computer may result in personal injury.
II. Opening the Side Access Panel

1. Remove the screw 1 securing the side access panel. Locate the latch 2 directly below the screw, press the latch down, and hold it in the down position (Figure 2-1).

![Figure 2-1](image)

**Important:** Some models may not have a screw 1. This screw is used for shipping purposes only.

2. Grasp the handle and slide the side panel from the chassis (see Figure 2-2).

![Figure 2-2](image)

**Caution:** Before doing any work inside your computer, ground yourself by touching a metal part of the chassis.

*Did you know ...*

You do not have to replace the screw securing the side access panel. The screw securing the side panel is used for shipping purposes only.
III. Removing the Upper Front Panel and CD Storage Door (Lower Front Panel)

1. Locate the front panel door lock inside the chassis. The lock is located on the base of the lower 3.5 inch diskette drive cage inside the chassis (see Figure 3-1).

2. Rotate the lock into the down position to unlock the upper front panel door (see Figure 3-1).

Did you know ... 

*You do not have to return the front panel door lock to its locked position. It was set this way for shipping purposes only.*

**Important:** Depending on the model selected, the front panel door lock may already be in the unlocked position.
3. On the front of the system, press the indentation ❶ located on the CD Storage door (lower front panel) to open the lower door ❷ (see Figure 3-2).

Figure 3-2
4. Locate the finger holes ① under the bottom of the upper front panel and place your fingers in the holes. Pull the upper front panel forward until the top panel tabs ② release from the slots on the chassis (see Figure 3-3).

Figure 3-3
IV. Locating and Removing the DVD-RAM Drive

1. Locate the DVD-RAM drive inside the chassis (see Figure 4-1). The drive can be identified by the icons located on the interior drive cage.

![Figure 4-1](image1)

Tip

Look at the replacement part carefully to help identify and locate the component to be replaced.

Did you know ...

Depending on the model selected, your computer may not require an audio cable.

Tip

It is recommended that you mark the power cable connector so that you use this same connector when installing your replacement drive. However, you can actually use any available connector on the power cable.

2. Disconnect the power cable 1, data cable 2, and audio cable 3 (if there is one) from the drive by using a gentle rocking motion. The data cable has a white or purple tab on it. You may pull the tab to remove the cable (see Figure 4-2).

![Figure 4-2](image2)
3. To release the drive, press in the side rails of the drive ① and at the same time pull the drive out of the chassis ② (see Figure 4-3).

![Figure 4-3](image)

4. Remove the drive rails from each side of the drive and set them aside to be used on the replacement drive (see Figure 4-4).

![Figure 4-4](image)
V. Replacing the DVD-RAM Drive

To replace the DVD-RAM drive, complete the following procedure:

**Note:** Save all the packing materials received with your replacement drive. You will need them to return the defective part.

1. Attach the drive rails you removed from the defective drive to the replacement drive (see Figure 5-1).

![Figure 5-1](image1)

The drive rails are not specific to the left or right side of the DVD-RAM drive and can be installed on either side of the drive.

2. Insert the replacement drive into the front of the computer in the same location from which the defective drive was removed. Slide the drive in until the drive rails snap into place (see Figure 5-2).

![Figure 5-2](image2)
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REPLACING THE DVD-RAM DRIVE

3. Reconnect the power cable 1, data cable 2, and audio cable 3 (if there is one) to the new drive (see Figure 5-3).

Your DVD-RAM drive jumper will be factory set for cable select (CS) before being shipped.

Figure 5-3

Important: The jumpers located on the rear of the DVD-RAM drive must be set to cable select (CS). If the jumper is not set to cable select, the computer’s operating system will not recognize the new DVD-RAM drive.
VI. Replacing the Upper Front Panel and CD Storage Door (Lower Front Panel)

1. Place the upper front panel in the slots 1 at the top of chassis and gently snap the panel 2 into place (see Figure 6-1).
2. Close the CD Storage door (lower front panel) (see Figure 6-2).

Figure 6-2
VII. Replacing the Side Access Panel

Align the tabs on the top and bottom of the side access panel with the slots (located on the top and bottom edge) on the chassis and slide the side access panel into place (see figure 7-1).

Did you know ...

You do not have to replace the screw securing the side access panel. The screw securing the side panel is used for shipping purposes only.
VIII. Checking To See If the Replacement Part Is Installed Properly

1. Reconnect the power cord to the computer and then to the electrical outlet.

2. Reconnect all peripheral device cables to the computer.

3. Turn on the computer using the power button and verify that the replacement part is properly installed (see Figure 8-1).

4. If the problem persists, repeat the Removing and Replacing procedures.

5. If you are still experiencing problems, contact Compaq Support: 1-800-984-9350
VIII. Returning the Defective Part

Please refer to the *Compaq Part Return Instructions* that came with your replacement part for instructions for returning the defective part.