



# HP Pavilion ZD7000 Fans Replacement

This guide will show you how to remove the fans.

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# INTRODUCTION

This guide will show you how to remove the fans.

## TOOLS:

Phillips #1 Screwdriver (1)

## Step 1 — Battery



- Begin by turning the laptop over so that you can see the bottom of the computer.



## Step 2



- Slide the battery release switch to the right while simultaneously lifting up the battery.

## Step 3 — Fans



- Loosen the eight Phillips screws around the plate to remove it.

## Step 4



- Remove the nine Phillips screws from the plate covering the fans.
- ① The three screws around the lower fan also hold the fan onto the metal plate.

## Step 5



- ⚠ Lift the plate and lower fan off the heat sink being careful not to damage the lower fan cable, which is attached to the motherboard.
- Disconnect the lower fan connector from the motherboard.
- Remove the metal plate and lower fan.
- ① The lower fan will easily separate from the metal plate.



## Step 6



- Disconnect the upper fan connector from the motherboard.
- Remove the four spring loaded screws holding the heat sink assembly to the motherboard.
- ① When reassembling, ensure that all the screws are equally tightened: thread all screws one turn, then add one turn to each screw in the following order: top left, bottom right, bottom left, top right. Repeat this order until the assembly is firmly seated.

## Step 7



- Slide the heat sink assembly including the upper fan out by pulling it down and left simultaneously.
- ⚠ When reinstalling the heat sink, ensure it is thoroughly cleaned and the thermal paste (or pads) are replaced to ensure proper thermal contact with the devices on the logic board.

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To reassemble your device, follow these instructions in reverse order.