



# HP Pavilion dv6000 Teardown

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## INTRODUCTION

The motherboard died on this laptop so I thought, good enough excuse for a teardown?

Yup.

This guide should help you, regardless of whether you need to replace memory or the entire LCD.

## TOOLS:

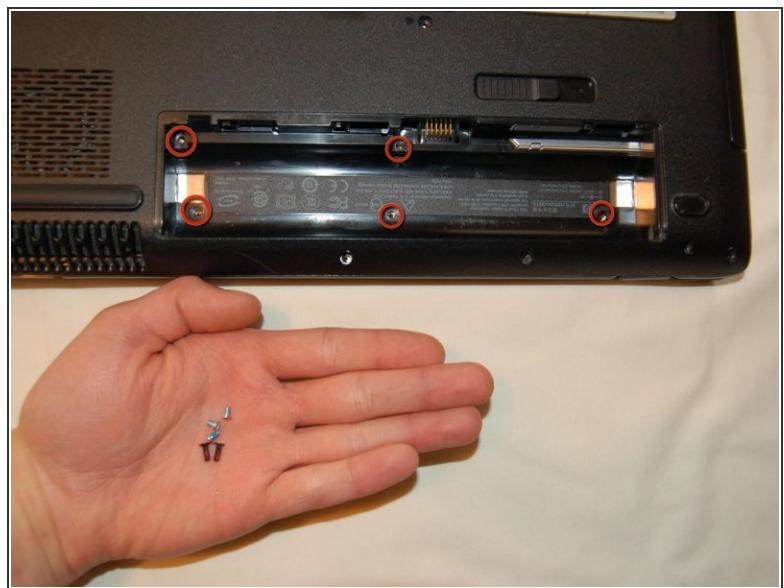
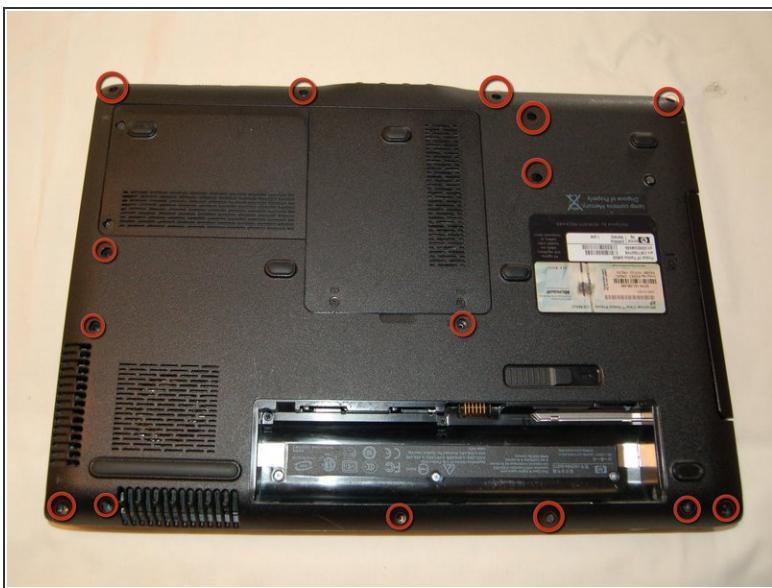
- 5mm Nut Driver (1)
- Paper Clip (1)
- Phillips #0 Screwdriver (1)

## Step 1 — HP Pavilion dv6000 Teardown



! Remove the battery. If not removed, current electric charge may cause damage and/or shock.

## Step 2



- Remove the 15 screws around the under body, set aside.
- Remove the 5 screws from the battery compartment

## Step 3



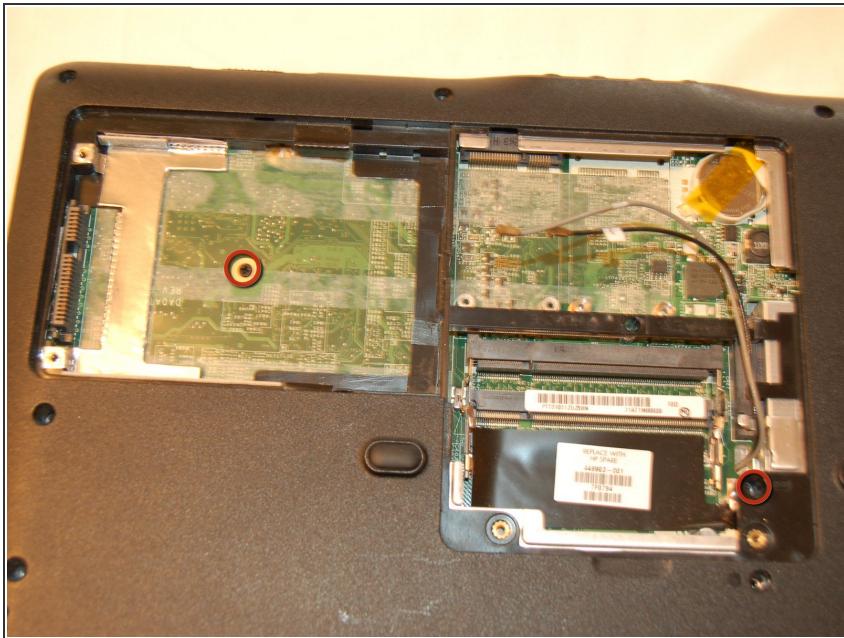
- Loosen the two screws from the memory shield and lift off
- Remove the mini-PCI wireless card and memory, place in an anti-static bag.

## Step 4



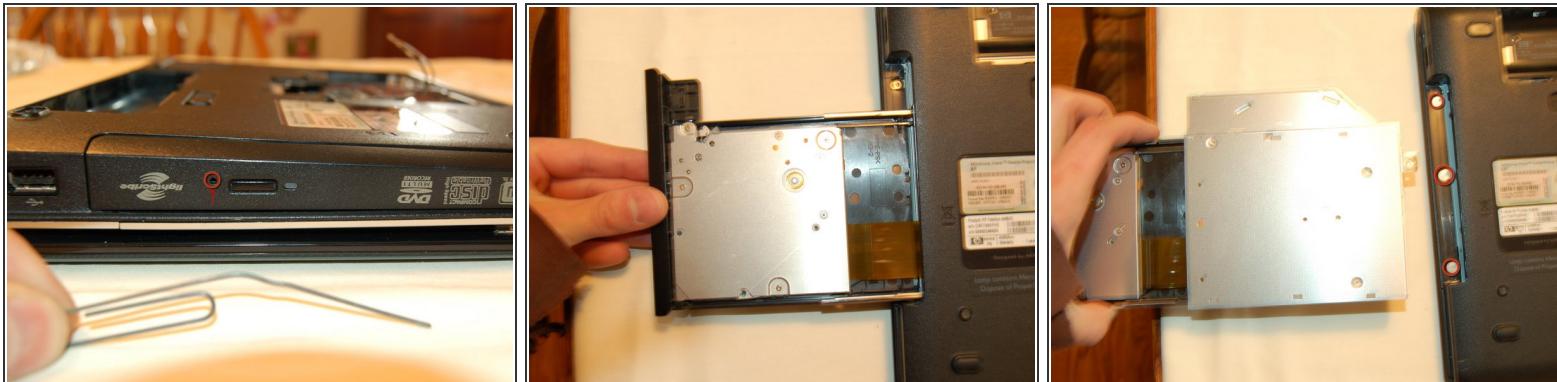
- Remove the two screws from the hard drive shield and lift off.
- Lift out the hard drive by grasping the plastic tab and pulling gently. Place in an anti-static bag.

## Step 5



- Remove the one keyboard-branded screw in the memory compartment, and the one screw from the hard drive compartment.

## Step 6



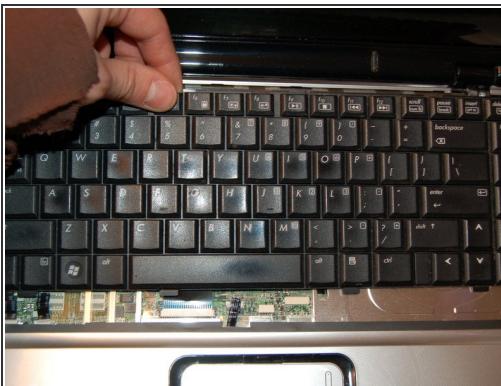
- Use an unbent paper clip or some other stiff wire-type tool to poke in the tiny hole in the cd tray, and grasping the tray firmly, pull slowly out of the laptop.
- Remove the 3 screws exposed by removing the drive

## Step 7



- Pop off the bezel closest to the screen, taking care not to damage the delicate ribbon cables underneath.
- Unclip the three cables connecting the bezel to the laptop, lift away.
- If you are struggling to get the bezel disconnected try closing the laptop and flipping it over. I did this and when I opened it again the bezel disconnected by itself.

## Step 8



- Lift up the back of the keyboard and slide it slowly towards the screen. Unclip the ribbon cable near the touchpad. Set the keyboard aside.

## Step 9



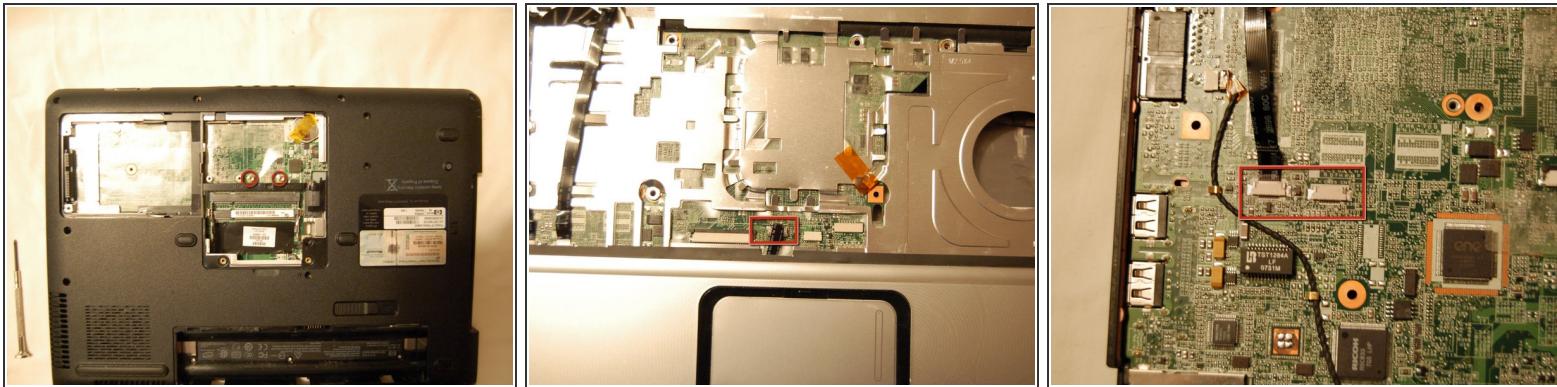
- Time to take off the screen.
  - A. Remove the screw on the left that holds the clip down, unclip it.
  - B. Remove the four screws at the base of the screen, and lift out, taking care with the antenna wires on the right.
  - C. Thread them out of the clips, towards the touchpad. You can then pull them through the board, checking on the bottom to make sure they're free.

## Step 10



- Remove the screw on the right, and remove the back bezel.
- Remove the three screws from the top of the touchpad bezel.

## Step 11



- Remove the two standoffs on the bottom (5mm socket)
- Unclip this clip and lift off the touchpad bezel
- The two ribbon cables in the third image (one I took out before taking the picture) are simply seated in their clips, you will need to apply some force to get them out, just be careful to apply it straight away from the clips.

## Step 12



- Remove these four screws, and pull the express card module away from the motherboard.
- Remove these three screws, and then these clips, (you can get at them better after you remove the screws, and the larger of the two should come apart first) and lift the board away from the shell, taking care with the audio jack cable.

## Step 13



- You can now unclip the audio jack cable.
- Heatsink-there are four screws to remove and the clip, and it simply lifts off. The processor comes out by turning this switch to the unlock position. Quite an easy last step.

## Step 14



- Voila! This layout is without disassembling the heat sink, but I feel it's adequate. To reassemble, simply reverse the steps in this guide. Good luck!

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