



HP OMEN 17-w273nr Battery Replacement/Cleaning Guide

A guide on replacing the battery on an HP Omen laptop. This includes information useful for cleaning the laptop. and/or replacing other parts.

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INTRODUCTION

This guide will get you familiar with a partial teardown for this product and the proper way to replace a battery, as specified in their manuals.

For this specific model, HP has a list of maintenance guides and information available at:

<https://support.hp.com/us-en/product/ome...>

The manual used to inform this guide has **information to replace more parts and can be found here:**

<http://h10032.www1.hp.com/ctg/Manual/c05...>

If you cannot find guides on this site for your specific laptop model, I advise you visit the HP site and look for manuals by typing in your HP laptop model number.



TOOLS:

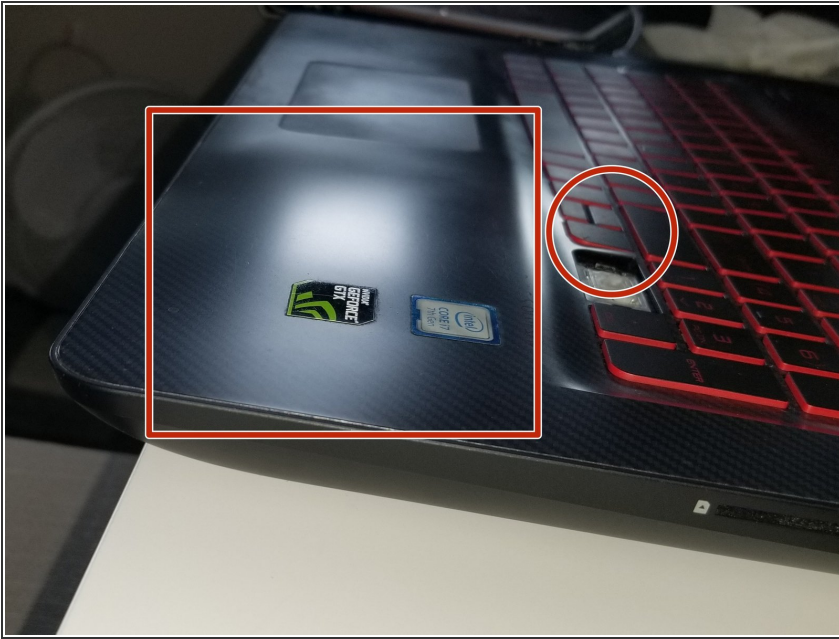
- [iFixit Opening Tools](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [Phillips #0 Screwdriver](#) (1)



PARTS:

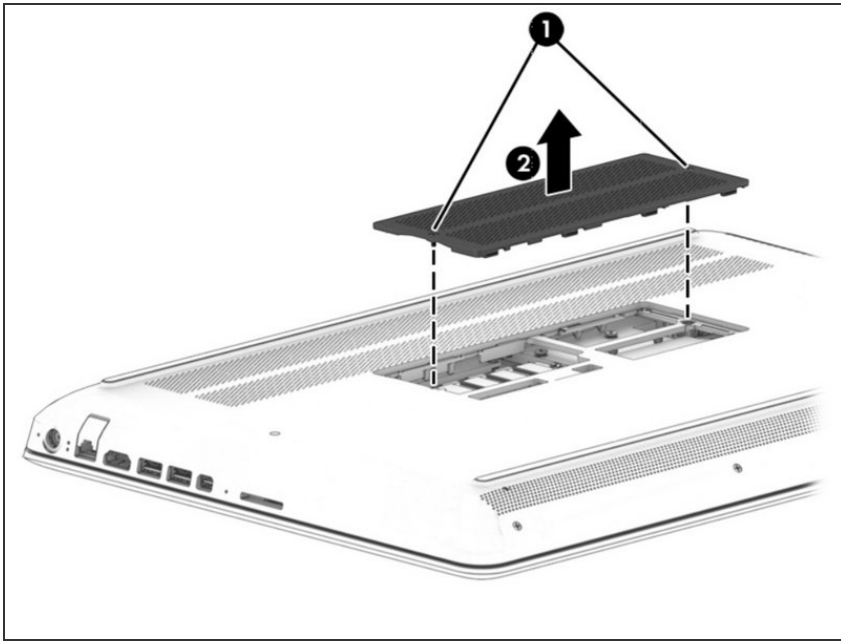
- [HP OMEN Battery \(part number 917724-855\)](#) (1)

Step 1 — Turning off the computer and disconnecting all devices



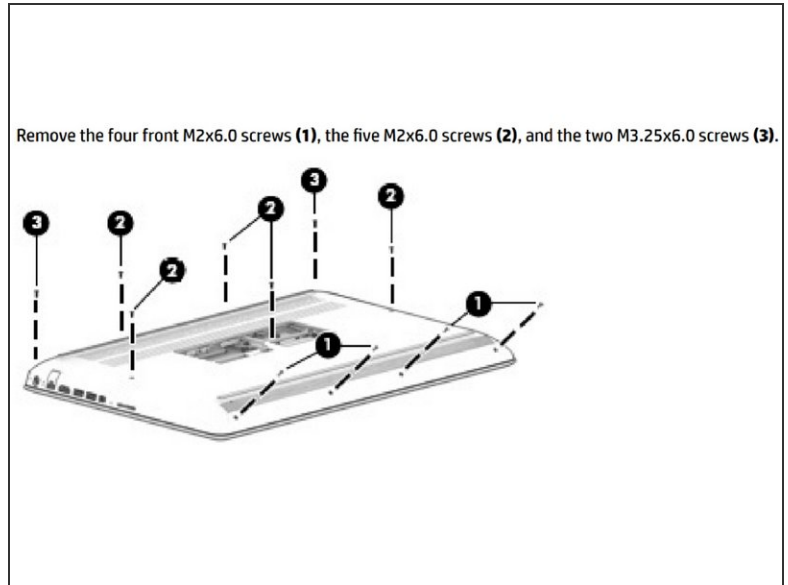
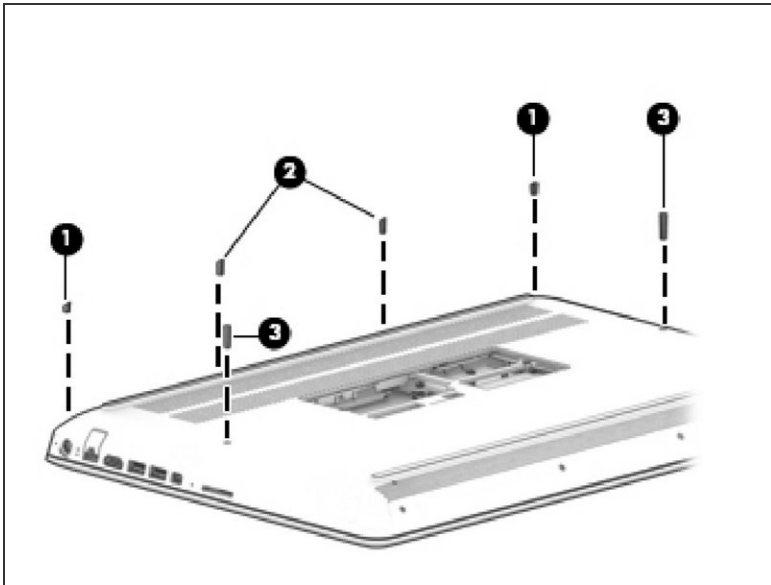
- I recently noticed that my laptop was not charging and lost battery life quickly. I also noticed that there was a bulge in my case, creating cracks near the keys. This problem shows that there is gas buildup in the battery, and has multiple causes. In this case, I think it is due to overheating.
- We must begin with turning off your computer through the operating system, and then disconnecting the charger. HP recommends this by removing the cord from the outlet, and then unplugging the cord from the cable. Disconnect all external devices (mouse, keyboard, speakers, etc.)

Step 2 — Removal of the service door



- Remove the screws on either side of the panel. There are 8 clips to release in total, 4 on each side. I used the pick from the iFixit tool kit, inserting it straight down into the seams.

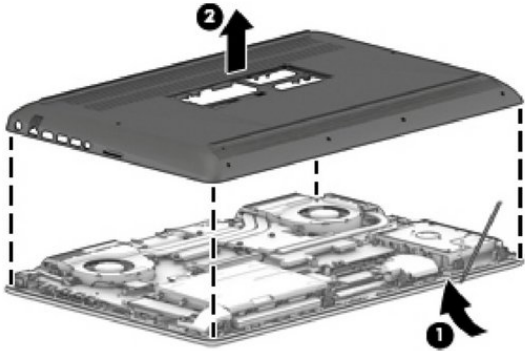
Step 3 — Removing the bottom case



- There are 6 rubber screw covers to remove. If you have trouble removing them, I used a thin, sharp tool (tiny screwdriver) and pushed it into the edge of the cover and dug it out. You might damage the cover, but the function will essentially be the same.
- There are a total of eleven screws you need to remove. HP has helpfully grouped them by screw type into three groups, (1), (2), (3). I used the regular iFixit kit, and found that the screw driver was too short to reach one of the screws in group 2. To fix this, I had to widen the hole slightly so it could reach.

Step 4 — Removing the bottom case

Insert a thin plastic tool (1) to separate the base enclosure from the top cover, and then remove the base enclosure (2).



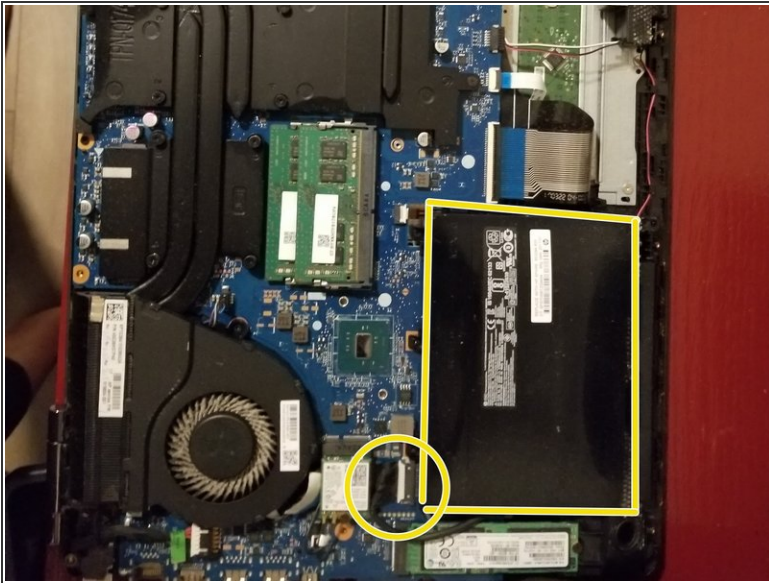
- There is a very small seam at the edge of the laptop. Insert a pick and/or pry tool and release the clips all around the edges of the case. Take your time, because you do not want to damage the case!

Step 5 — (Optional) Catch up on cleaning!

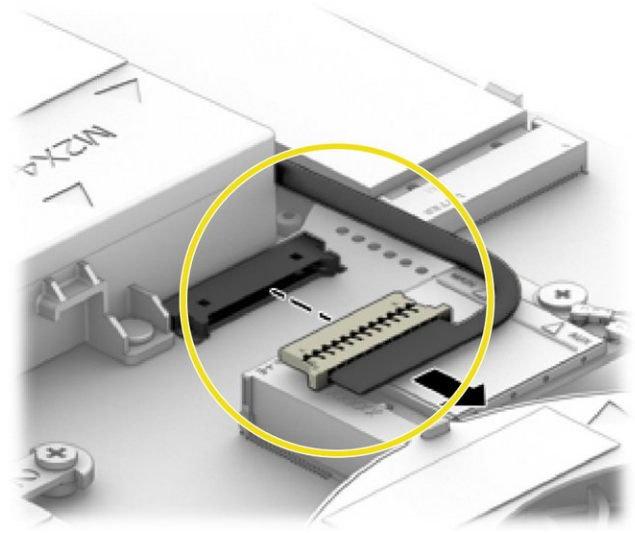


- Now that you have the base enclosure off, you can take the opportunity to clean out your laptop! I have three years' worth of dust buildup on mine, and it was very satisfying to clean. I took a can of compressed air and used short bursts to clear out dust, and isopropyl alcohol to remove stubborn dirt.

Step 6 — Disconnecting the battery cable



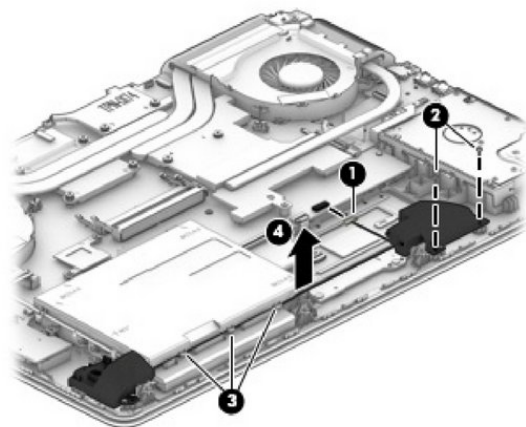
Disconnect the battery cable.



- Here I have highlighted the battery, and the cable you need to disconnect (*Don't be distracted by the dusty fan, I took this picture before cleaning my laptop*).

Step 7 — Remove the speaker and its cable

Remove the two Phillips M2x4.0 screws **(2)** securing the right speaker.
Release the speaker cable from the routing channels **(3)** on the battery.
Lift the speaker cable and right speaker **(4)** to move them away from the battery.

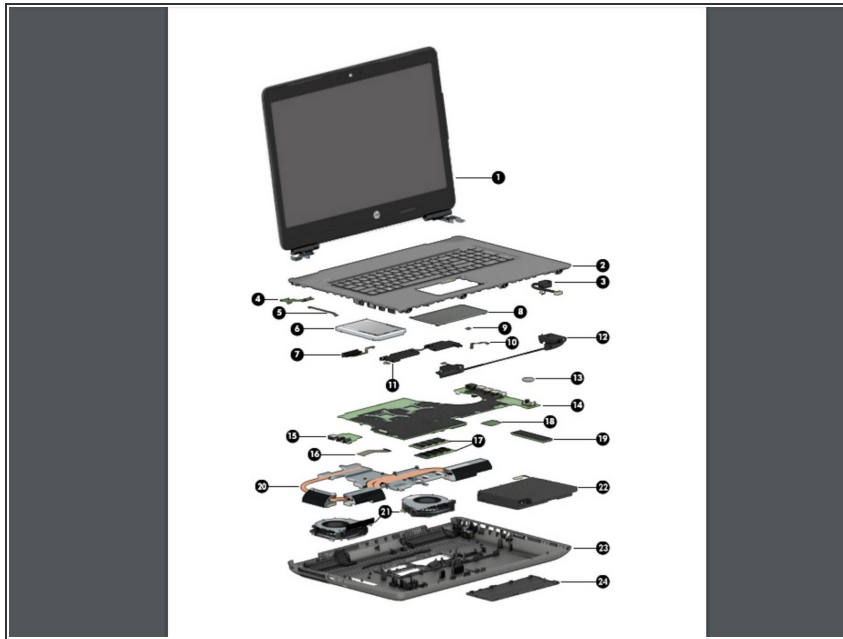


Remove the six M2x4.0 screws **(1)** securing the battery. The battery cable may be moved to access two of the battery screws.

Remove the battery from the computer **(2)**.

- As illustrated in (1), disconnect the speaker connector.
- Remove the two screws in (2).
- Detach the speaker cable from the battery in (3) and lift it out.

Step 8 — Remove and replace your battery



- Now that the speaker and battery are disconnected, you can remove the battery and replace it with your new one.
- To reassemble, follow the directions in reverse. Good luck!

Step 9 — Stay tuned for more!



- If you have specific requests for guides on this system, please don't hesitate to let me know. I may post

more guides for repair in the future,
depending on what parts I replace
on my own system.

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