



HP ZBOOK 15 G5 Motherboard Replacement

Replacing the motherboard in the case of it failing to work

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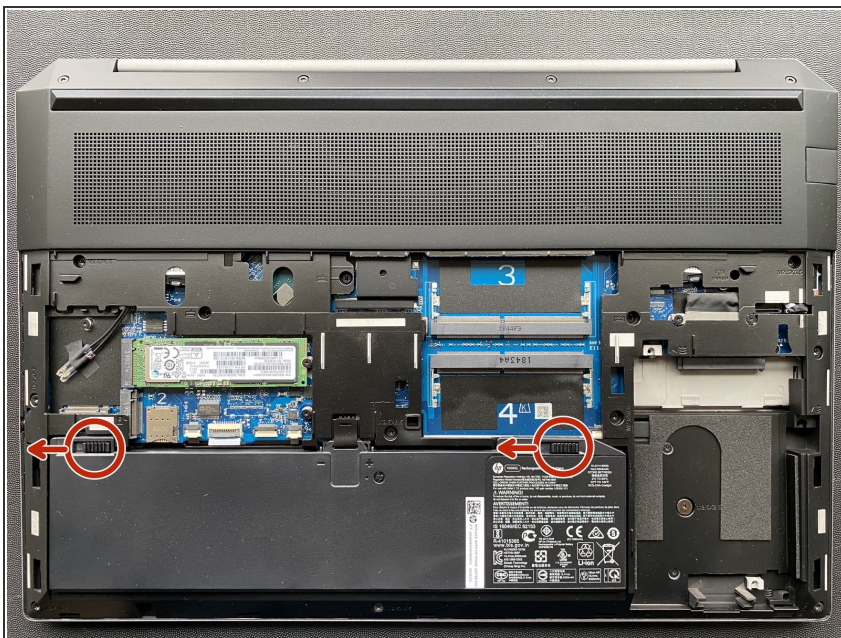


Step 1 — Opening the Bottom Panel



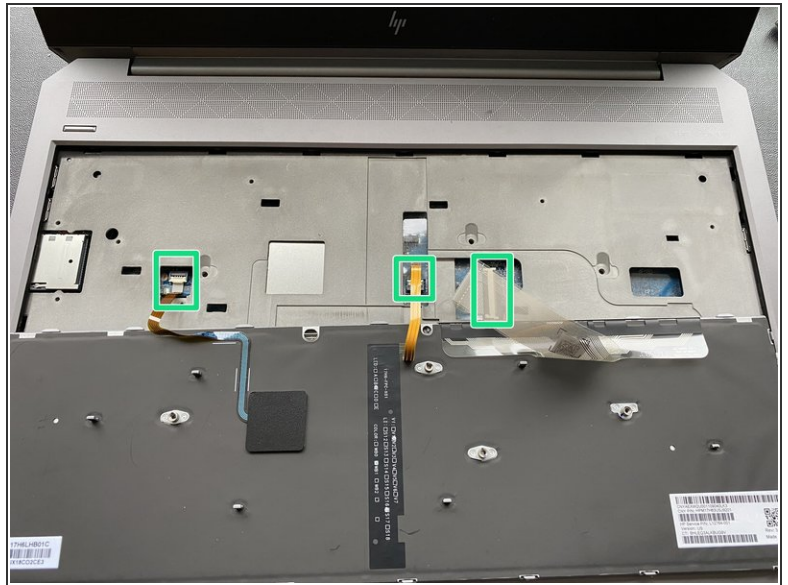
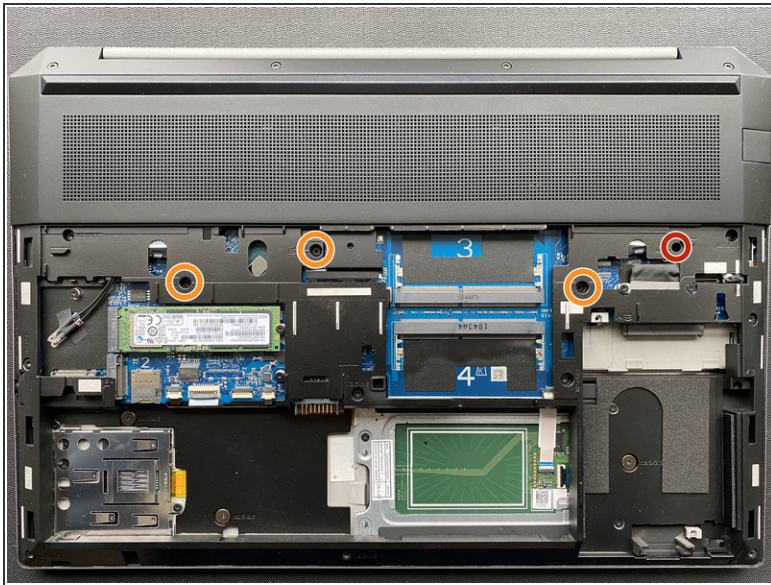
- Find the bottom panel locking mechanism
- Move the switch to the right to unlock and slide it in a downwards fashion

Step 2 — Removing the Battery



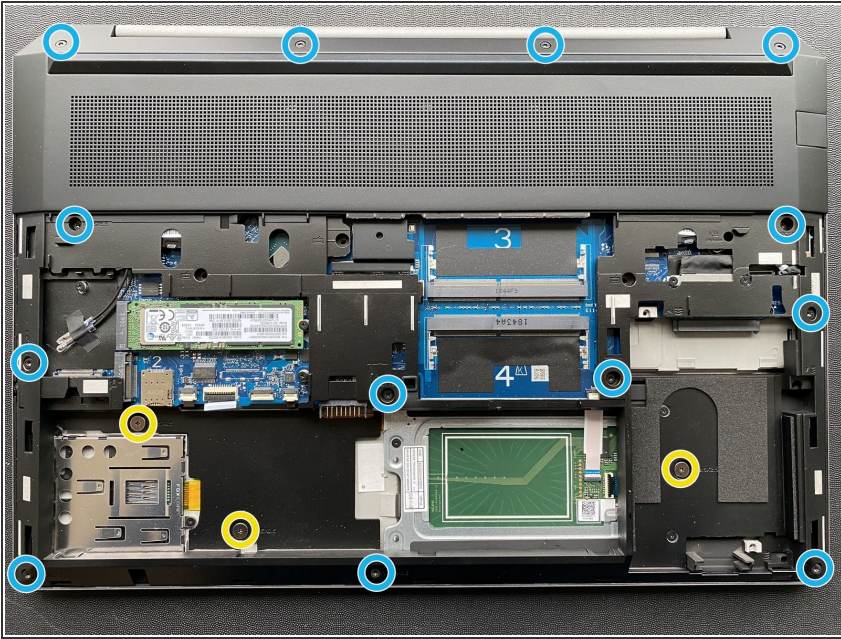
- Slide the battery latches to the right to loosen the battery
- Remove the battery and place it to the side

Step 3 — Removing the Keyboard



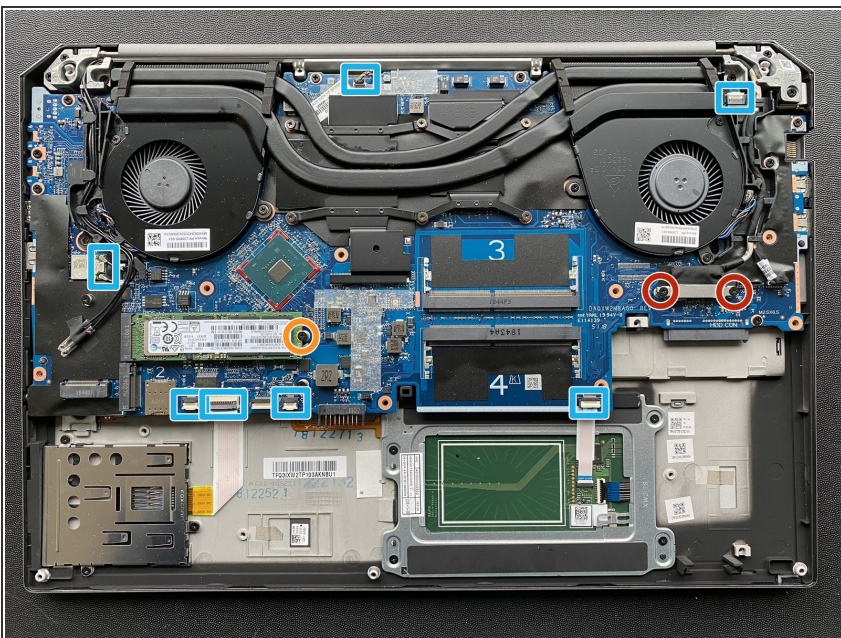
- Unscrew the three keyboard screws on the bottom
- While placing the laptop on it's side, push through the hole to release the keyboard
- Once the latch releases, flip over the laptop and disconnect the three connectors as well
- Place the keyboard to the side and flip the laptop over again

Step 4 — Removing the Bottom Case



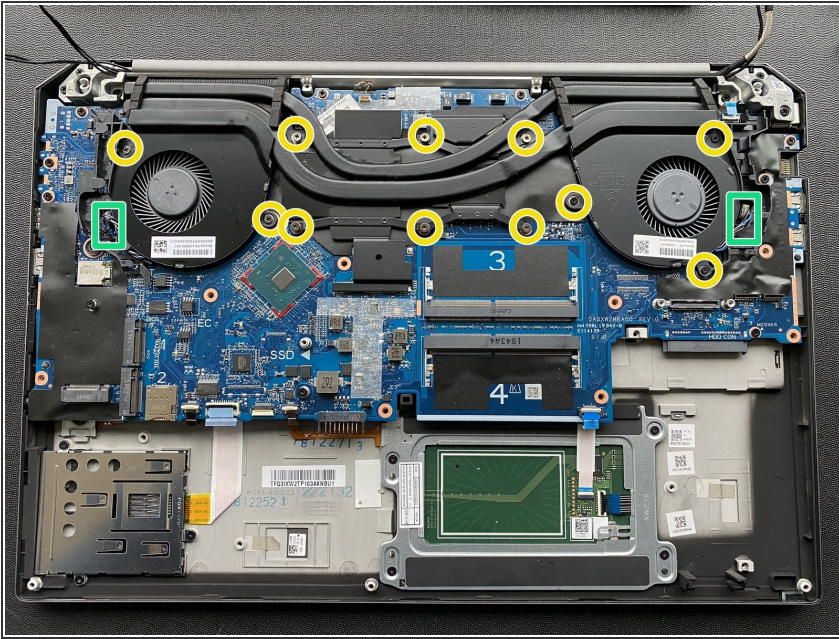
- Remove these screws with a T8 screwdriver
- Remove these screws with a philips screwdriver
- Once they are removed, carefully lift up the bottom case

Step 5 — Removing SSD and LCD Connector Cover



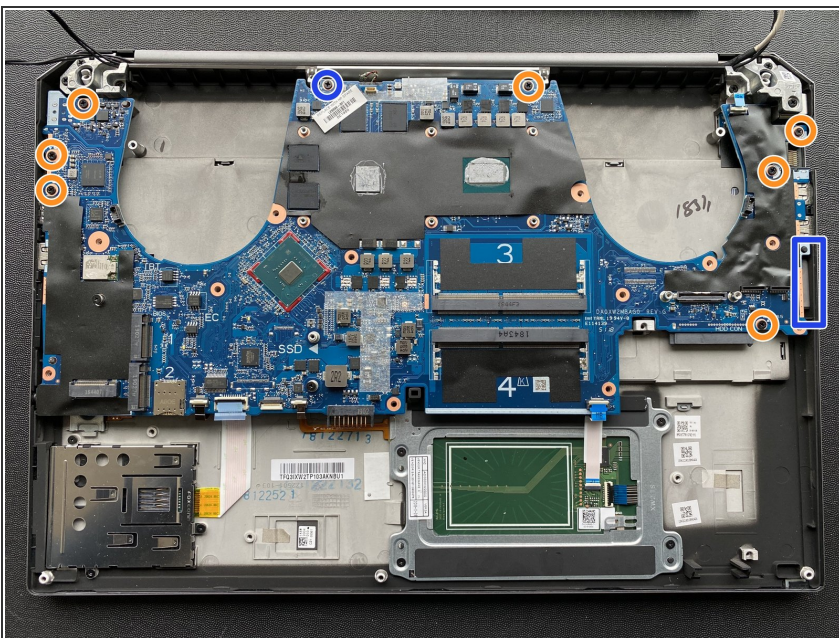
- Unscrew SSD screw and slide the SSD out
- Remove these screws and place the LCD connector cover to the side
- Disconnect all of the motherboard connectors

Step 6 — Removing the Fans



- Unscrew all of the screws on the fans (**Keep in mind the screw don't come all of the way out**)
- Make sure to disconnect the fan connectors before removing it

Step 7 — Removing the Motherboard



- Unscrew the motherboard screws
- **Make sure the SD card holder has been removed**
- Remove the motherboard and place it to the side

Step 8



- Place the new motherboard in and screw it into place
- Screw in the fans and reconnect the motherboard cables
- Reconnect the LCD connectors
- Screw the bottom case back onto the laptop
- Connect the battery and put the battery cover back into place

Once the repair had been done. Call the user and let them know their laptop is ready for pick-up