



Asus Rog GL55VW-DH71 Screen Replacement

This is a how to replacement guide for the screen, in the event that it quit displaying or is crack/damaged.

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INTRODUCTION

This guide will teach you how to remove and replace the screen in the event that it is broken or not displaying. Special care must be taken, due to the delicate parts and ribbon cables needed to be removed during the repair.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Metal Spudger](#) (1)
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Step 1 — Battery



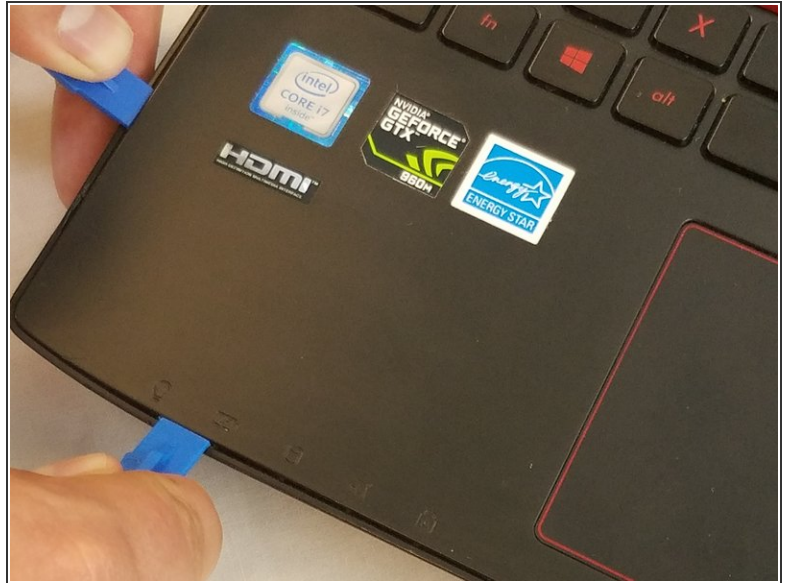
- Flip the laptop over so the backside is facing upwards.
- Using both hands, slide the lock mechanisms outwards and pull up to remove the battery.

Step 2 — Keyboard



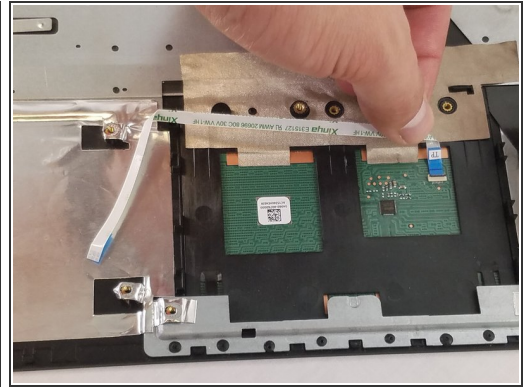
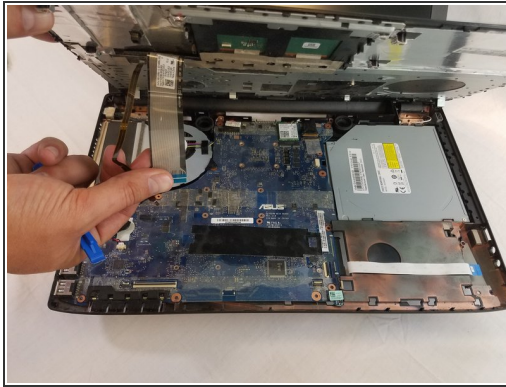
- Remove the nine 15.4mm Phillips #00 screws.
- Remove the four 8.7mm Phillips #00 screws from the hard drive mounting bracket.
- Remove the hard drive bracket.

Step 3



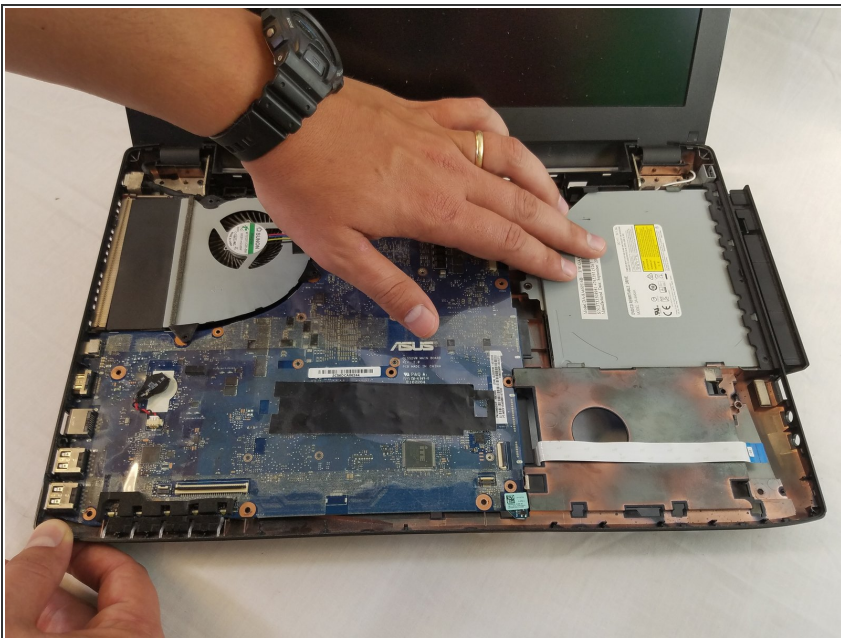
- Flip laptop over and open the screen.
 - Wedge some plastic opening tools between the keyboard and case.
 - Work your way around with the plastic opening tools until the keyboard is separate from the case.
- ⚠ Do not try to lift the keyboard straight off at this time. There are some ribbon cables that attach the motherboard to the keyboard that need to be removed first.

Step 4



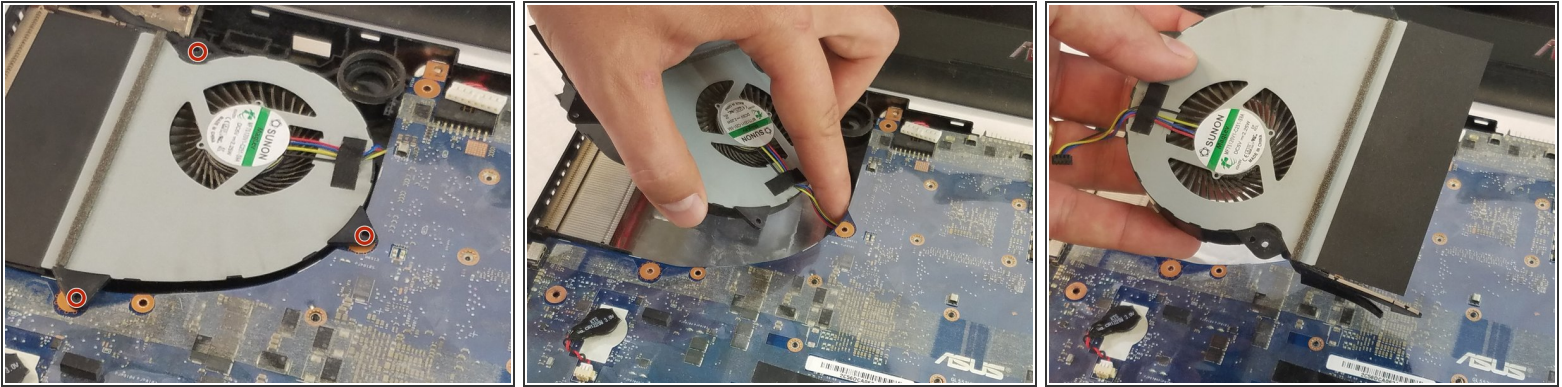
- Remove the ZIF connected ribbon cables for the touchpad and keyboard by gently lifting the latch on the connector point, then slide the ribbon cable out. Repeat for each cable.
- Verify all ribbon cables are disconnected and out of the way, and lift the keyboard out of the assembly.

Step 5 — Asus Rog GL55VW-DH71 Disassembly



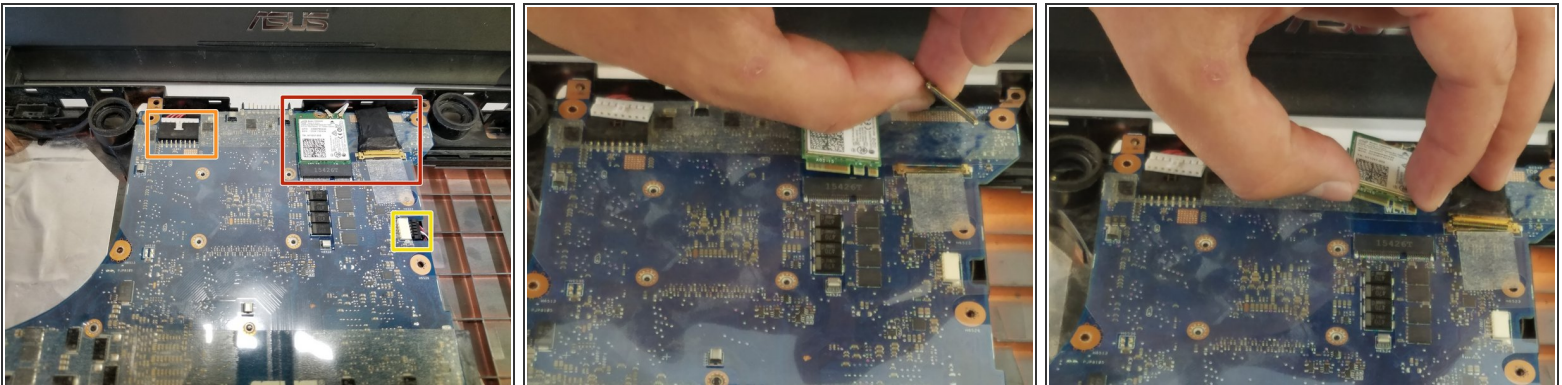
- Remove the CD/DVD drive by sliding it out of the side of the laptop.

Step 6



- Remove the three 6.5mm Phillips #00 screws from the fan.
- Disconnect the fan power cable from the motherboard.
- Remove the fan.

Step 7



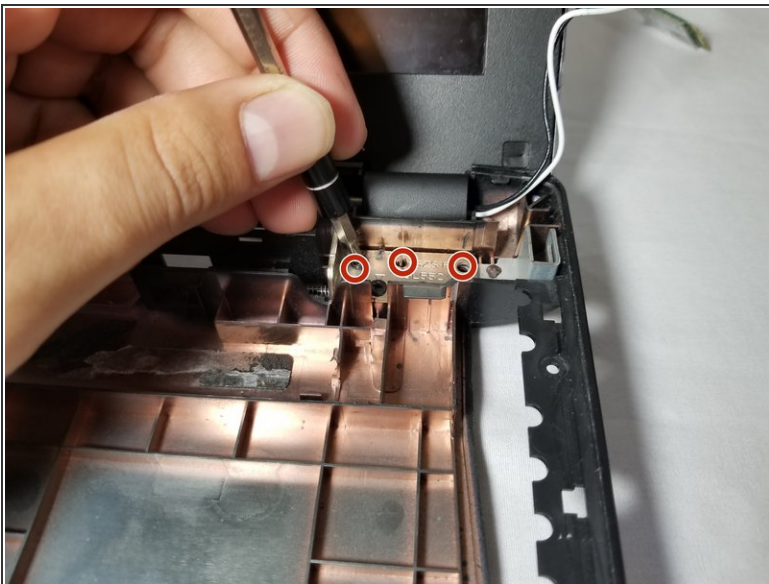
- Gently remove the ribbon cables and wireless chip. A plastic prying tool will help in this removal.
- Remove the power cable for the motherboard.
- Remove the power cable for the speaker.

Step 8



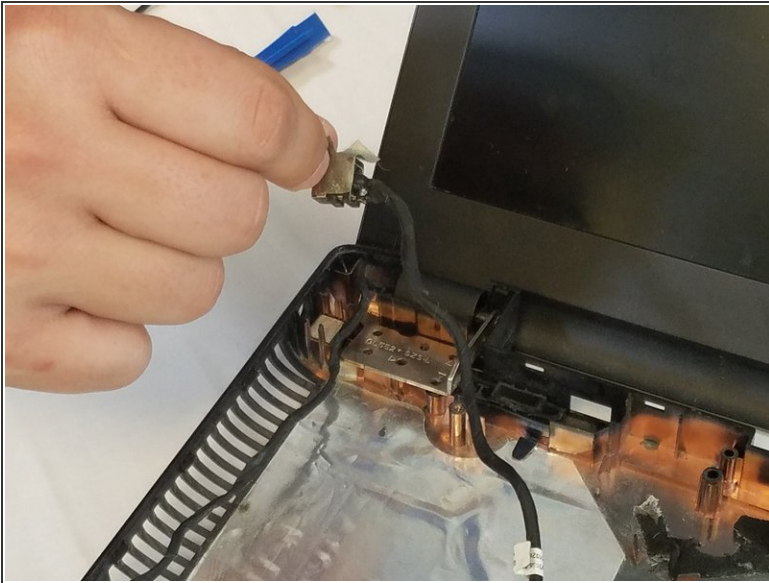
- Ensuring no missed connections or screws, remove the motherboard from the assembly.

Step 9 — Screen



- Using the Phillips Screwdriver #00, remove the 3 8.5mm screws to disconnect the right side hinge from the assembly.
- Remove the 3 8.5mm screws to disconnect the left side hinge from the assembly.

Step 10



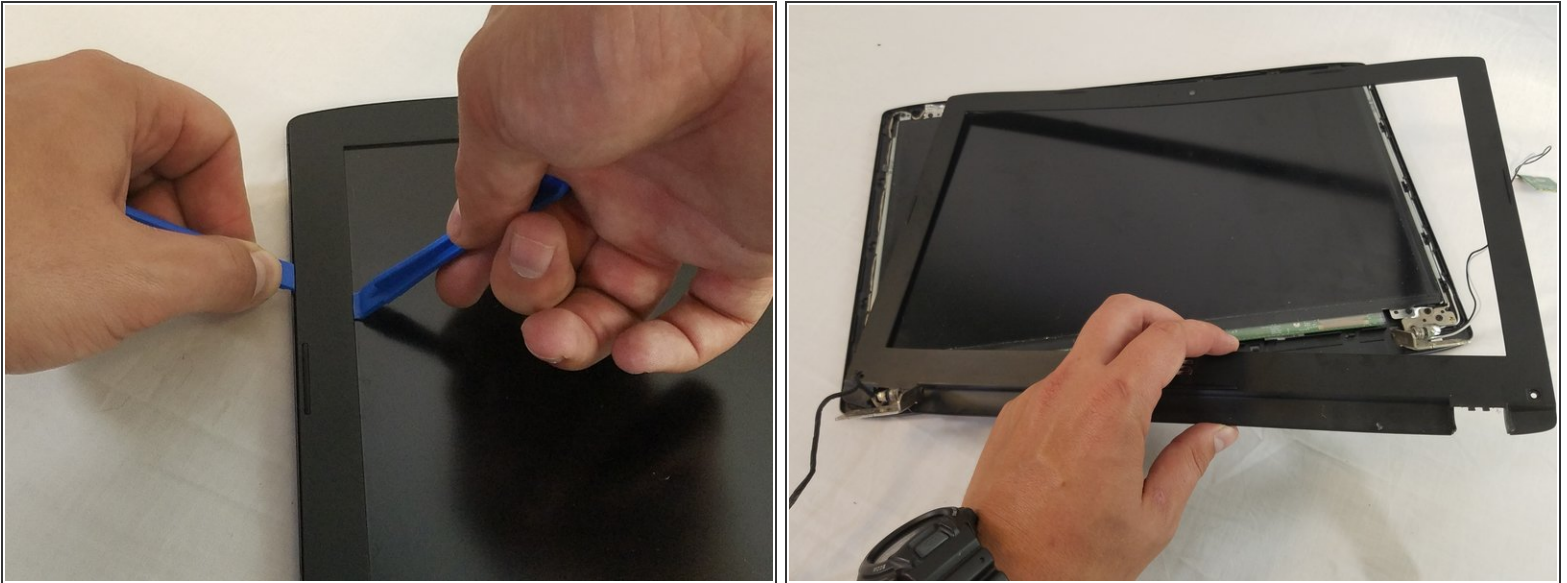
- Remove the tape holding the power cable down and trace and remove the cables for the LCD from the assembly.
- Set the assembly aside and all that should be left is the screen.

Step 11



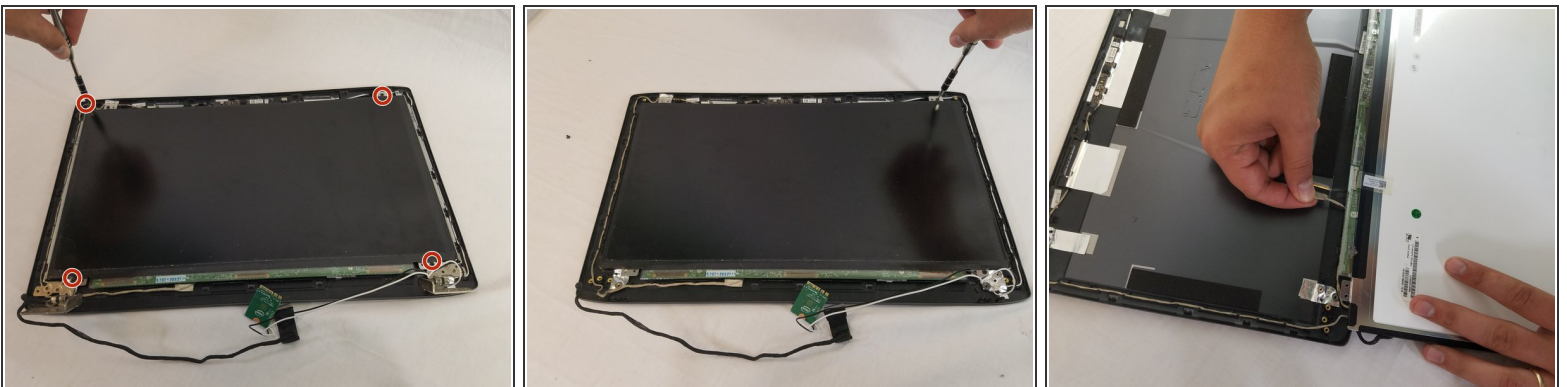
- Remove the black hinge covers on each side. They just pop on and off with some force.

Step 12



- Using 2 plastic opening tools, remove the faceplate. Slide the tools under the side with the screen and the outside in the crevice.
 - ⓘ You will feel the faceplate start to lift off with audible clicks.
- Place the faceplate to the side.

Step 13



- Using the Phillips Screwdriver #00, remove the 4 3.4mm screws that hold the screen to the top plate.
- Trace the wires through the holders and remove the LCD.
- Replace with new screen.

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