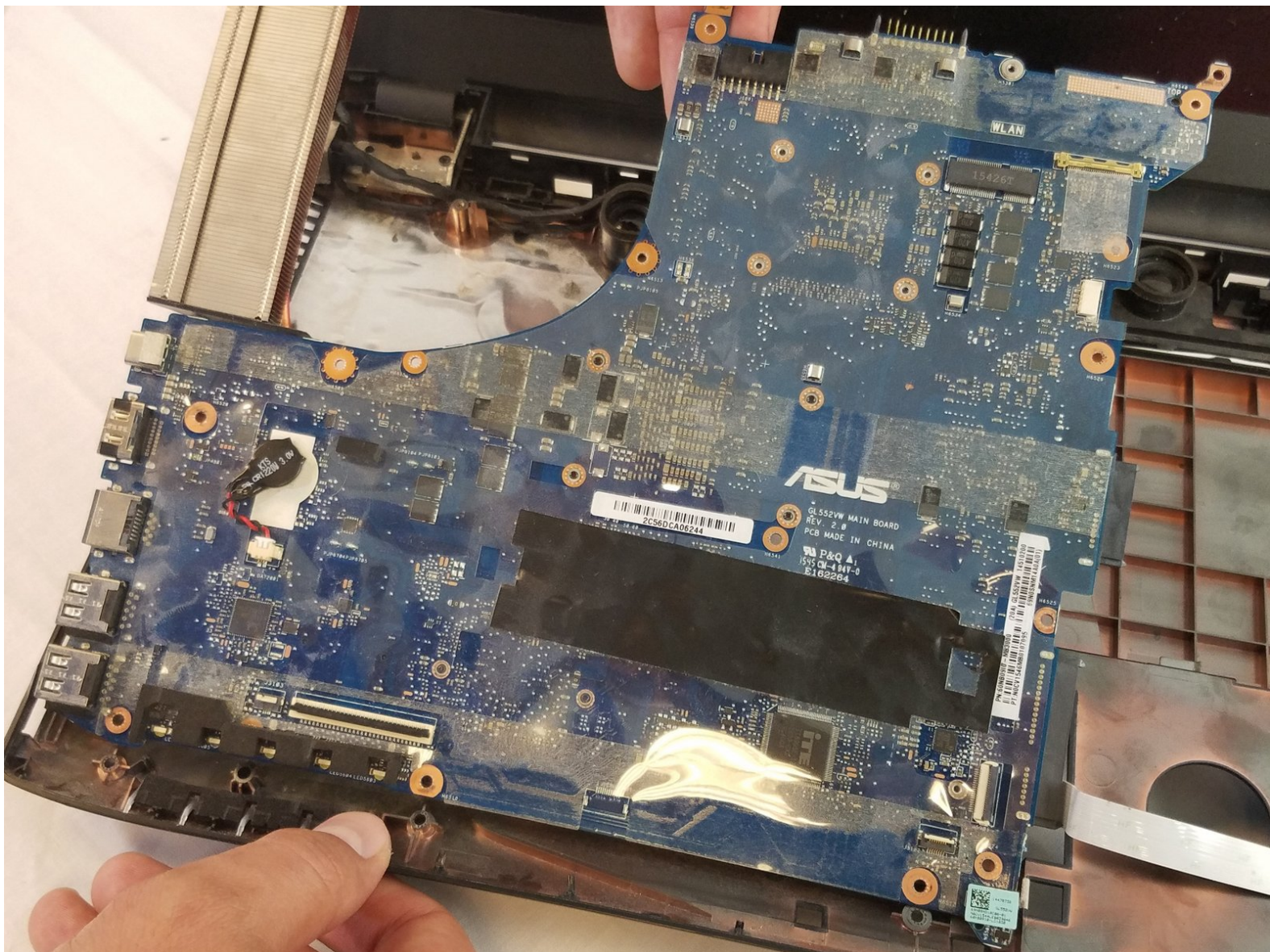# Asus Rog GL55VW-DH71 Disassembly

This guide is a how to disassembly for the Asus Rog GL552VW-DH71

Written By: Addison Thomas

INTRODUCTION

This guide will teach you how to disassemble the laptop for repairs that require the removal of the motherboard. This guide is required to replace the screen and speakers on the laptop.

🔧 TOOLS:

- Phillips #00 Screwdriver (1)
- iFixit Opening Tools (1)

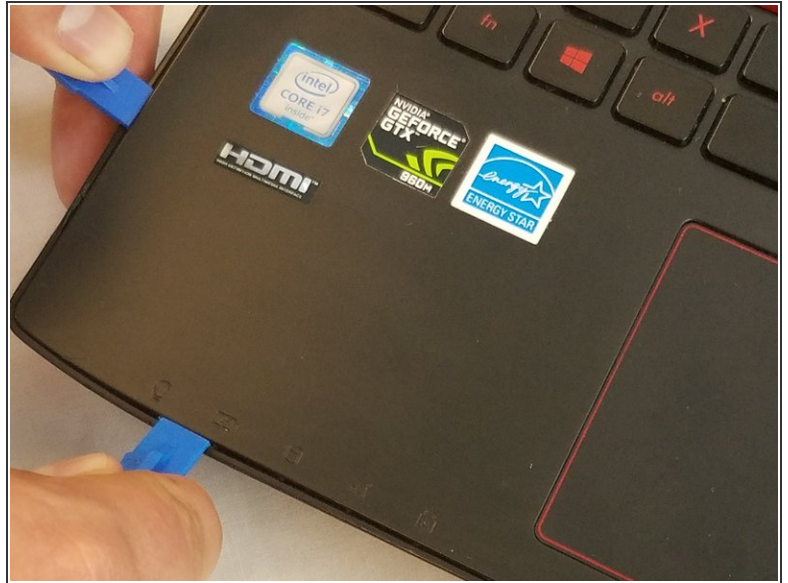This document was generated on 2020-11-20 03:14:46 PM (MST).

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.
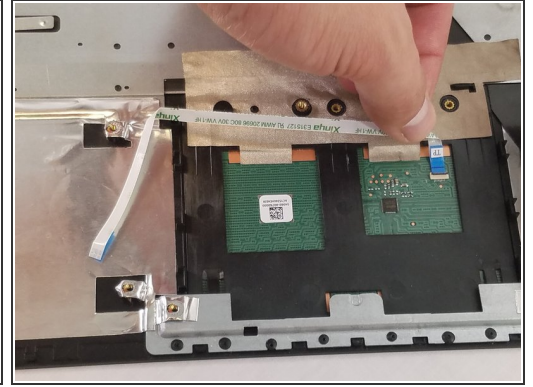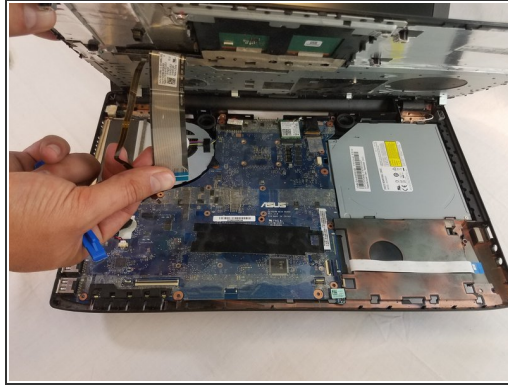
Step 2 — Keyboard

- 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.

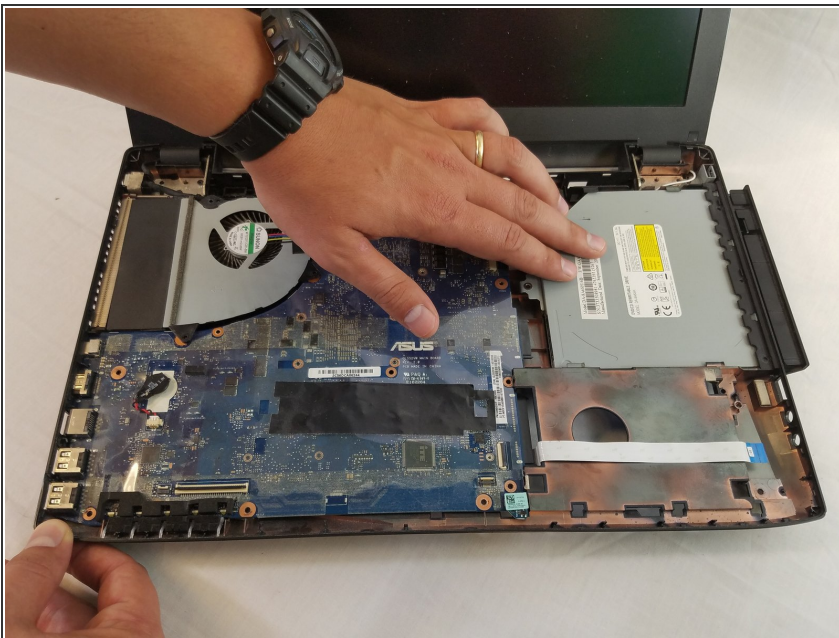This document was generated on 2020-11-20 03:14:46 PM (MST).

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.
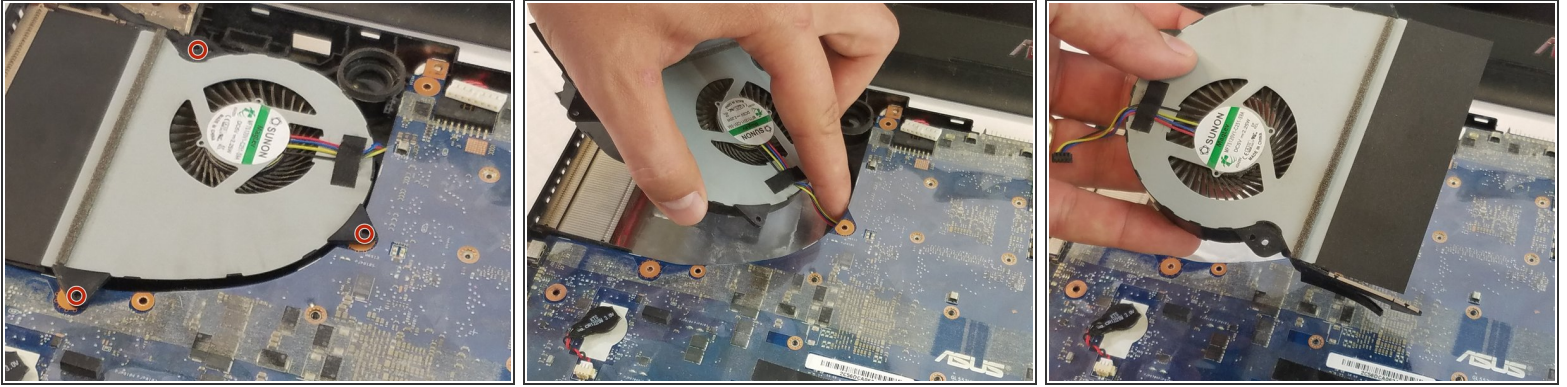
Step 4

- 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.
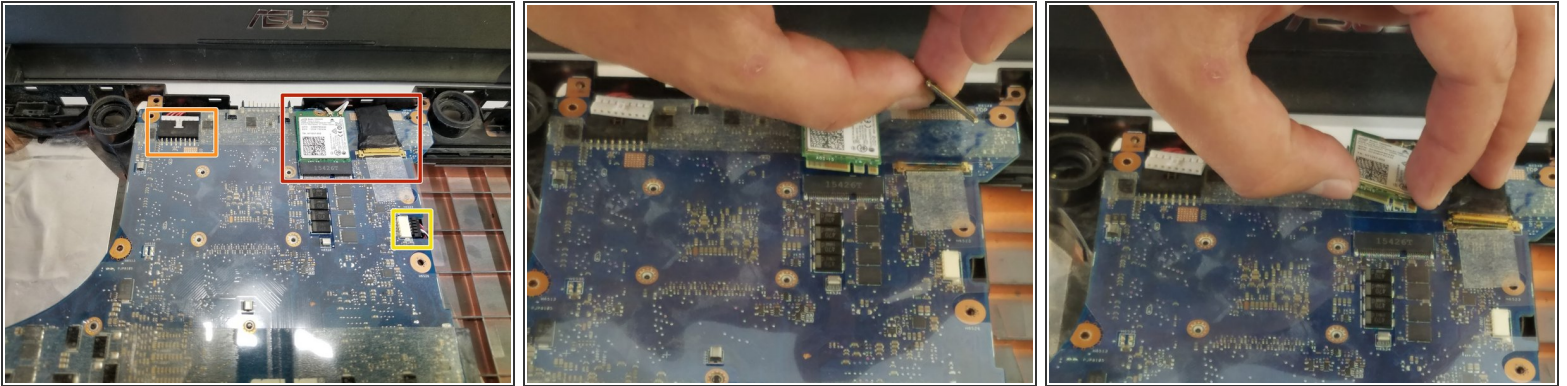
Step 5 — Asus Rog GL55VW-DH71 Disassembly

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

This document was generated on 2020-11-20 03:14:46 PM (MST).
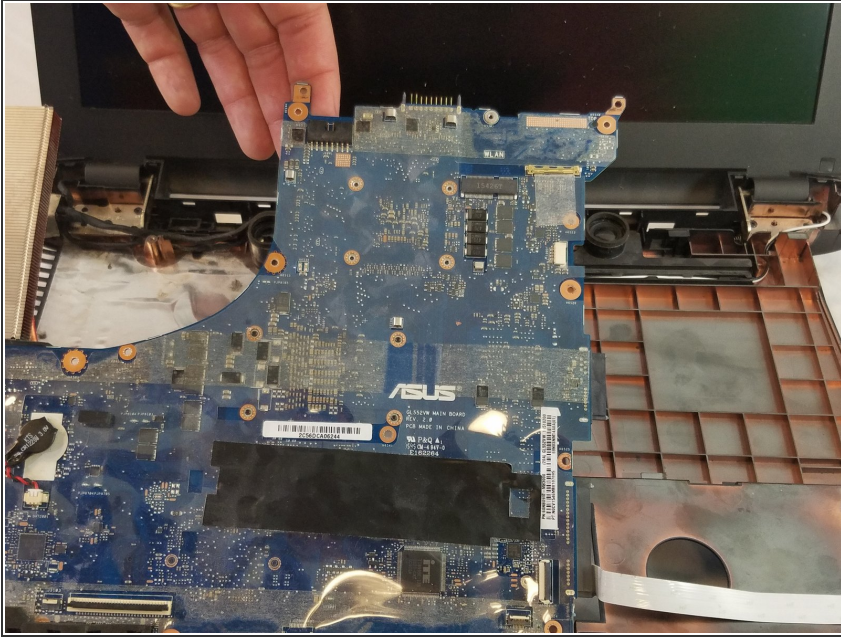
www.iFixit.com

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.

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

www.iFixit.com