



# Asus GL551JW-AH71 Fan Replacement

This guide outlines how to replace the fan in the Asus GL551JW-AH71.

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# INTRODUCTION

This guide outlines how to replace the fan in the Asus GL551JW-AH71.



## TOOLS:


- [Paper Clip](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
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## Step 1 — Battery



- Close the device and lay it upside down.

 Unplug the device and make sure the device is powered off before removing the battery.

## Step 2



- Move the battery eject button to the right. The battery will be ejected.

## Step 3



- Grab the battery and remove it from the device.

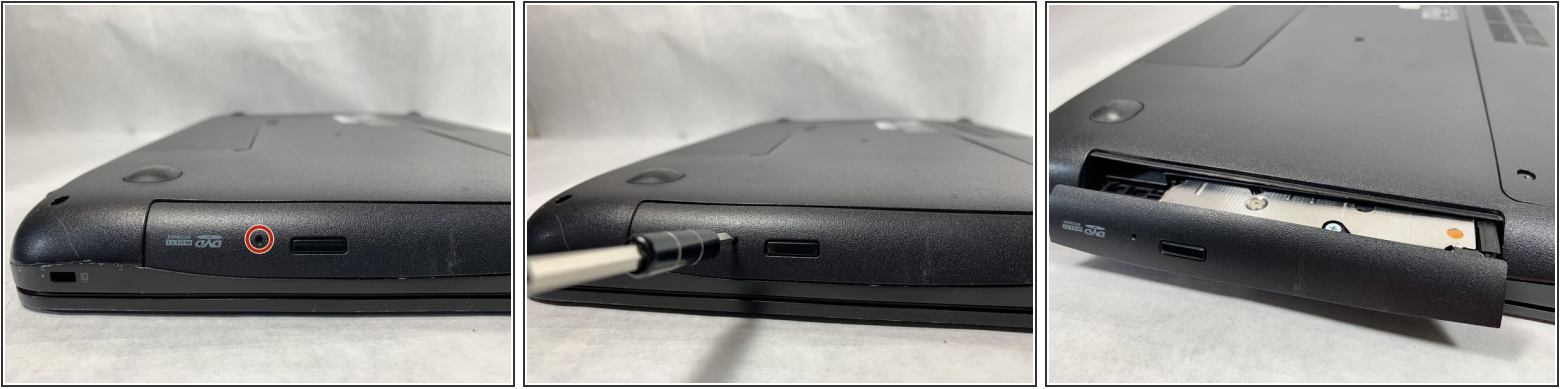
## Step 4 — Optical Drive



- Use a Phillips #000 screwdriver to remove the single 10mm optical drive screw.

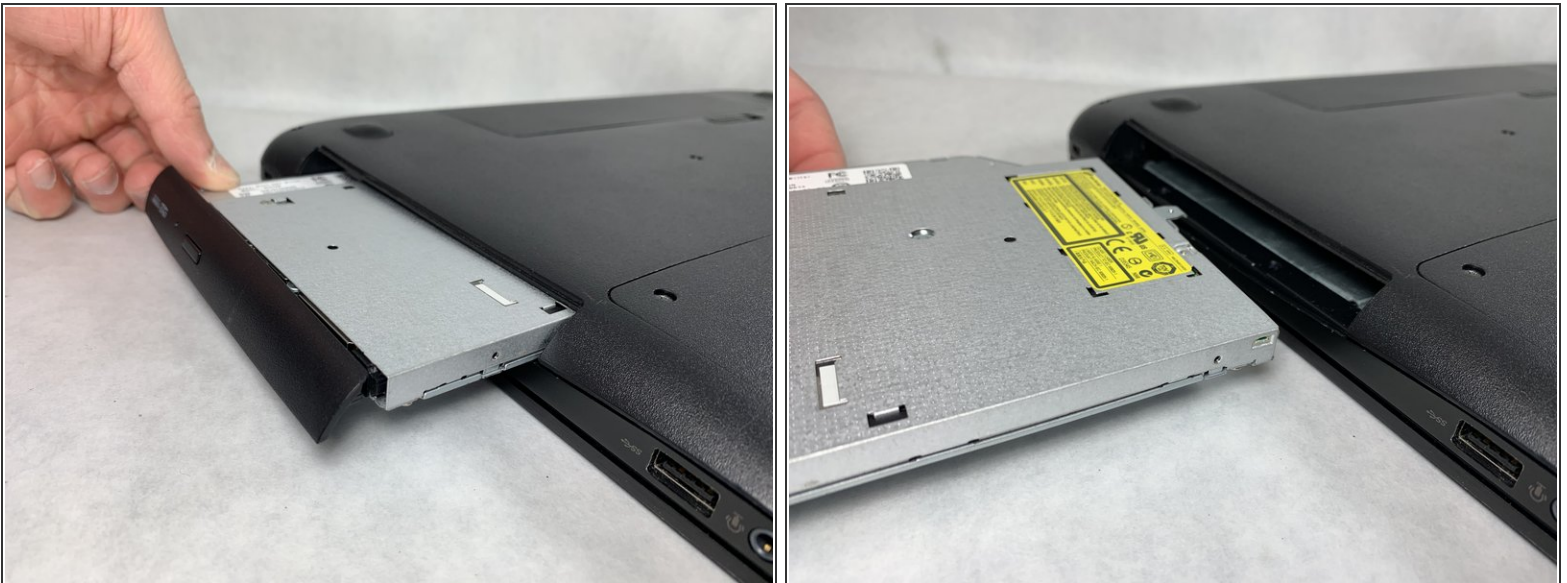


## Step 5



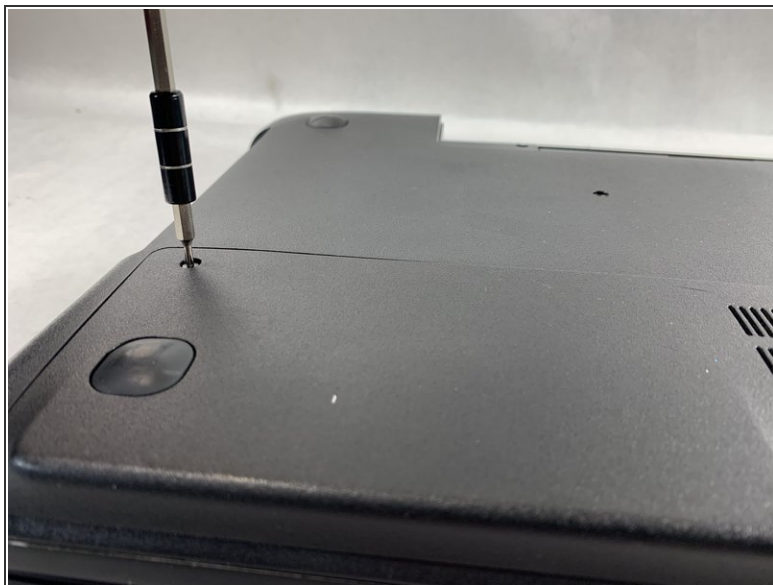
- Insert a probe or paperclip gently into the eject pin hole to eject the optical drive tray.

## Step 6



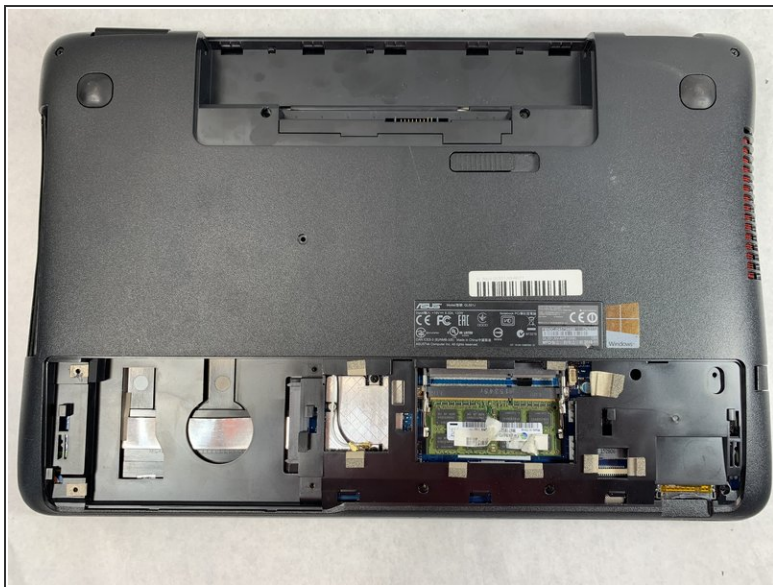
- Gently grasp the optical drive assembly and slide it out of the laptop body.

## Step 7 — Upper Assembly



- Using a Phillips #000 screwdriver, remove the two 11mm screws that hold the access panel in place.

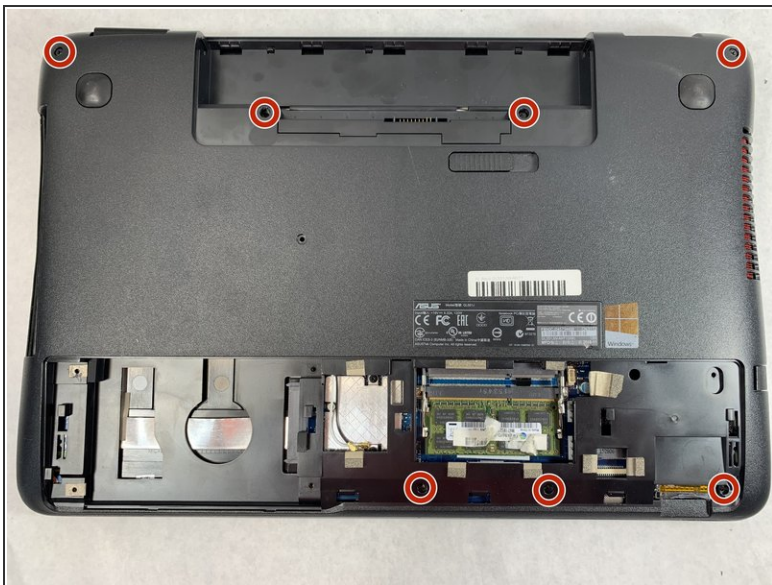
## Step 8



- Carefully remove the access panel.



## Step 9



- Using a Phillips #000 screwdriver, remove the seven 11mm screws holding lower case to the laptop.

## Step 10




- Turn the laptop over and open the screen.

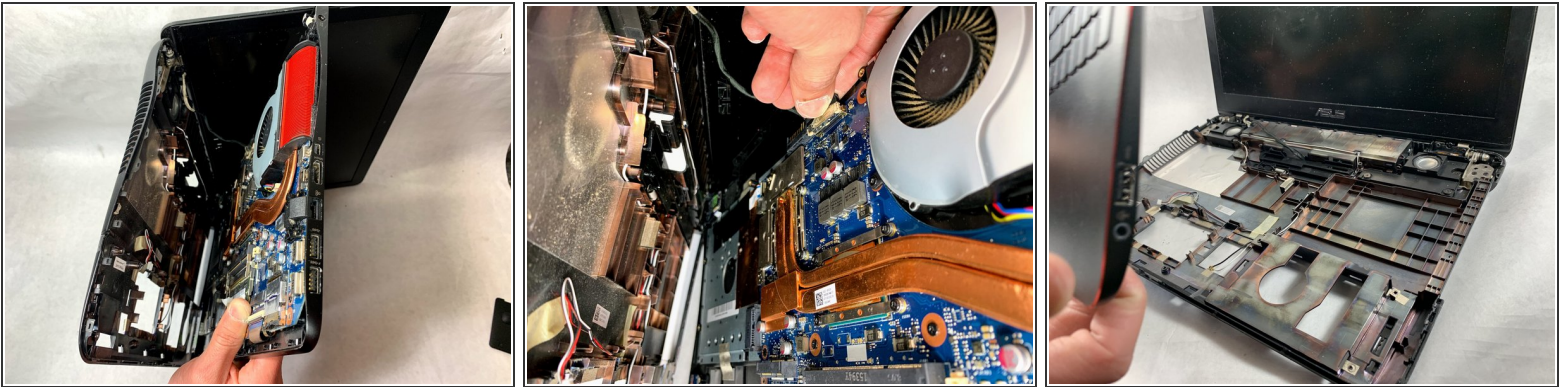
## Step 11



- Gently pry open the case with an iFixit opening tool.

 The upper and lower assembly are connected with a display cable that will be removed in the next step. Do not pull the parts apart more than a few inches.

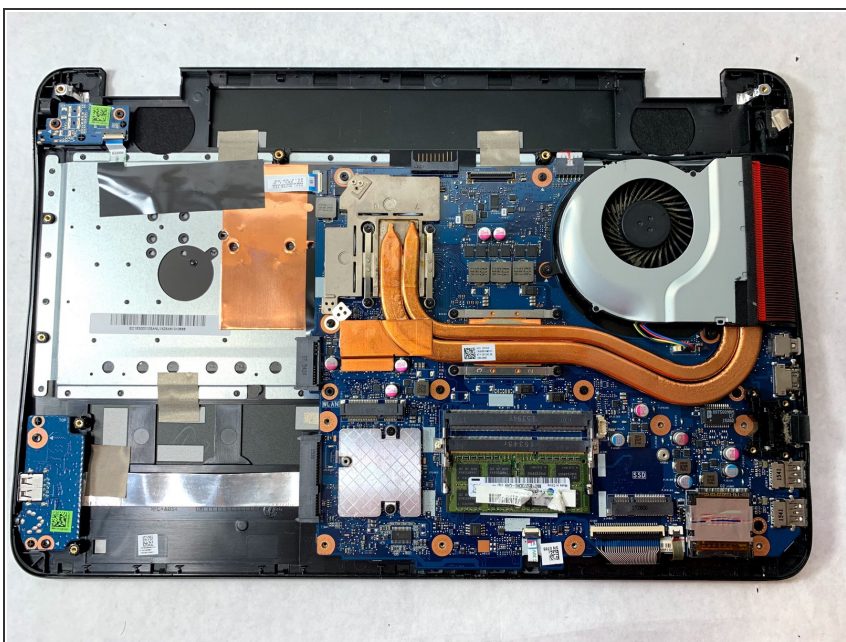
## Step 12



- Flip the laptop on the right side while still holding the upper and lower assemblies close together.
- Unplug the display connector from the motherboard.
- Remove the upper assembly.

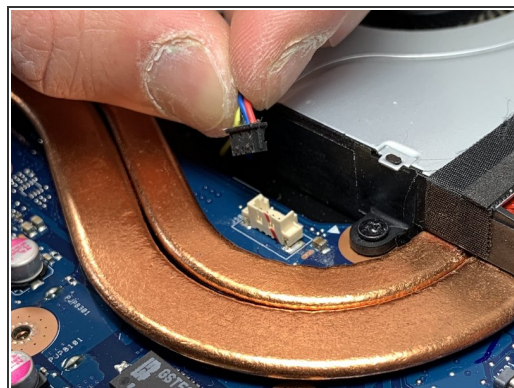
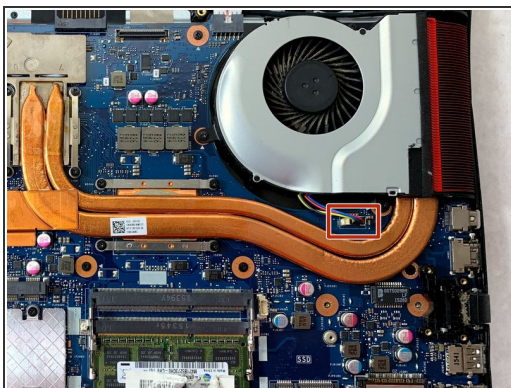


## Step 13 — Fan



- Place the separated motherboard keyboard side down.

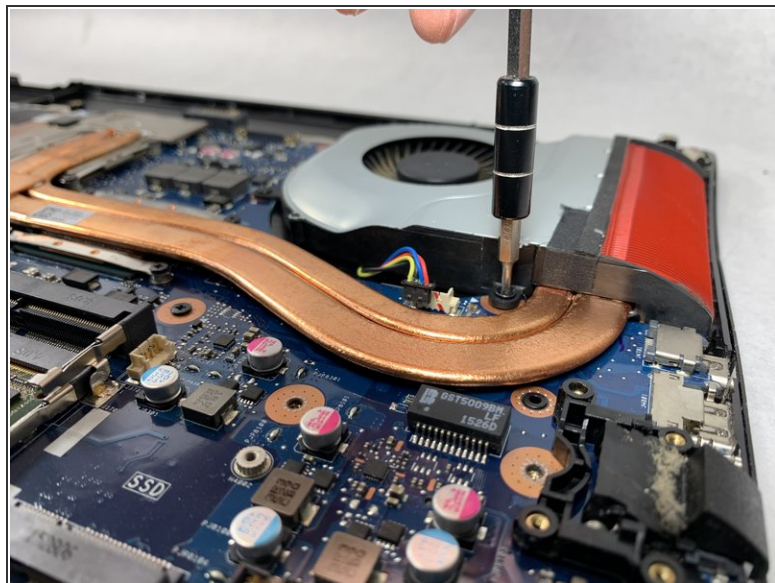
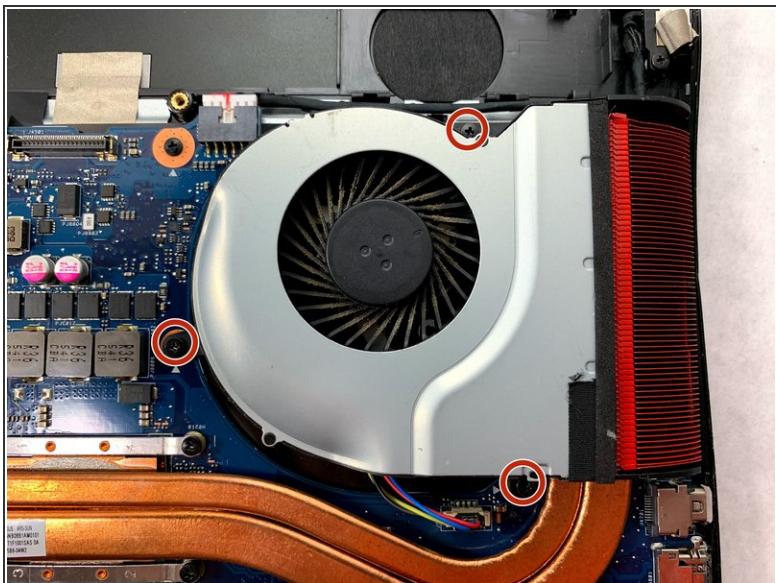
## Step 14



- Unplug the fan connector cable from the motherboard with an iFixit opening tool.

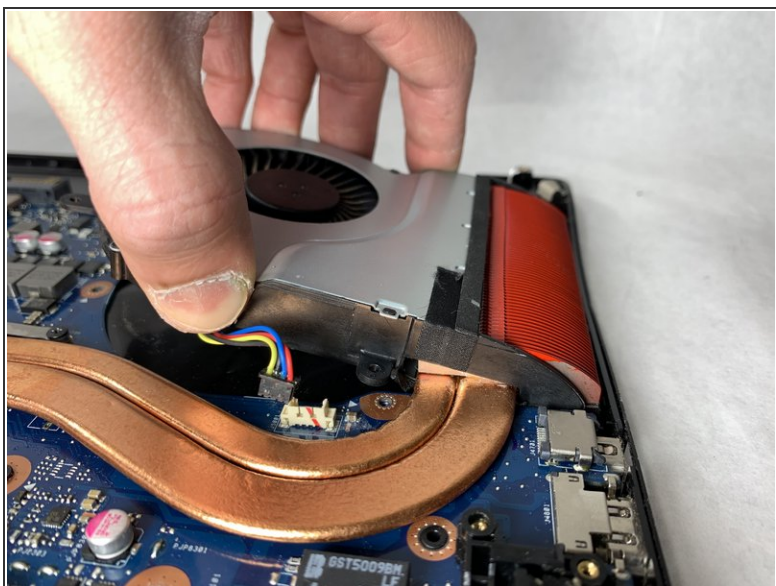


## Step 15



- With a Phillips #00 screwdriver, remove the three 5mm screws that hold the fan in place.

## Step 16



- Gently remove the fan from the motherboard.

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