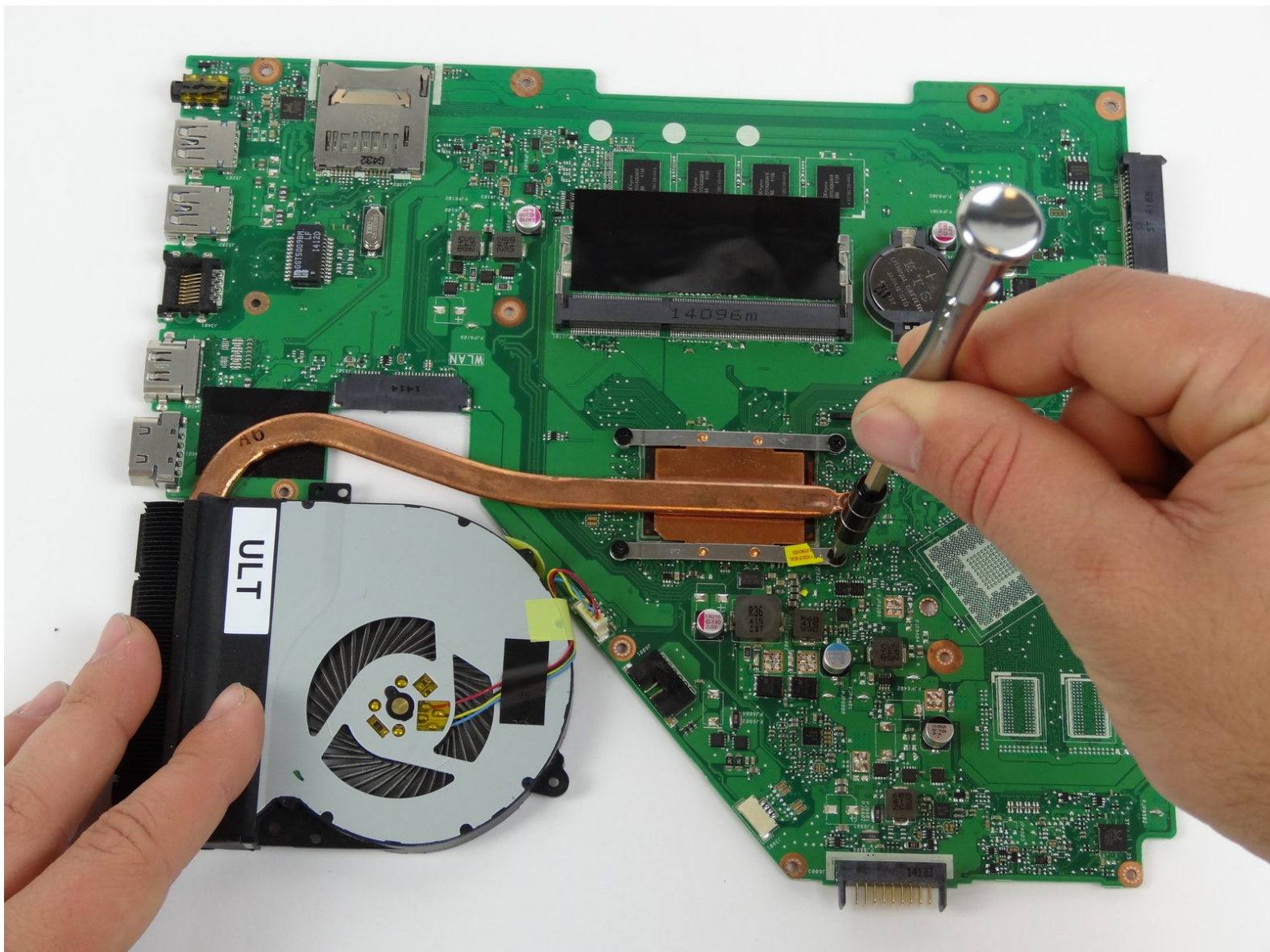# ASUS X552LAV-BBI5N08 Fan Replacement

This is a guide that shows you how to replace the fan for a ASUS X552LAV-BBI5N08 laptop.

Written By: Jason Vo

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INTRODUCTION

This is a guide that shows you how to replace the fan for a ASUS X552LAV-BBI5N08 laptop.

🔧 TOOLS:

- Y1 Tri-point Screwdriver (1)
- iFixit Opening Tools (1)
- Tweezers (1)

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Step 1 — Battery

(i) **Battery is not showed in pictures.**

- Flip the laptop face down.

Step 2

- Slide the right button to the left.

- Hold the left button to the right.

- While you hold the left button in position, slide the battery out by pushing it away from you.

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Step 3 — Fan

- Locate the bottom panel. It is at the opposite end of the battery.

- Remove the two 12mm screws at the bottom panel with a Tri-wing Y1 screwdriver.

Step 4

- Remove bottom panel by lifting it up.

Step 5

- Remove the four 5.5mm screws located on the hard drive case using a Tri-wing Y1 screwdriver.

- Slide the hard drive out to the left.

Step 6

- Use opening tool to split keyboard from base of the laptop.

- Make sure to start from one end and go around the edges.

- Use Tri-wing Y1 screwdriver to remove two 12mm screws from battery area.

Step 7

- Flip laptop to sit on its bottom.

- Lift keyboard up by the front edge

Step 8

- Flip up the small locking flap for the two ZIF connectors.

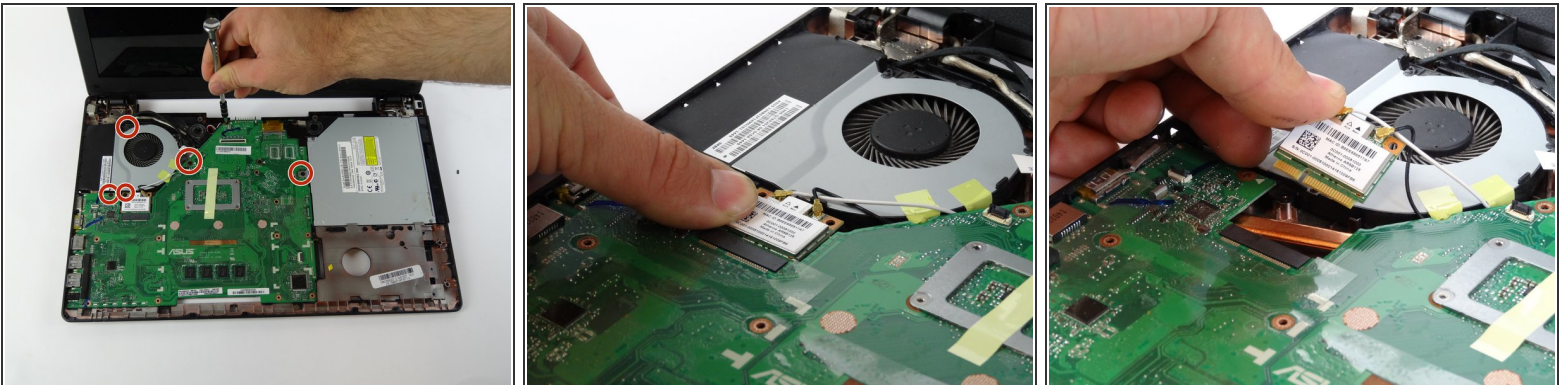- Unplug connectors that are keeping keyboard connected

Step 9

- Flip up the locking flap for the ZIF connector.

- Unplug the connector that is keeping the keyboard connected.
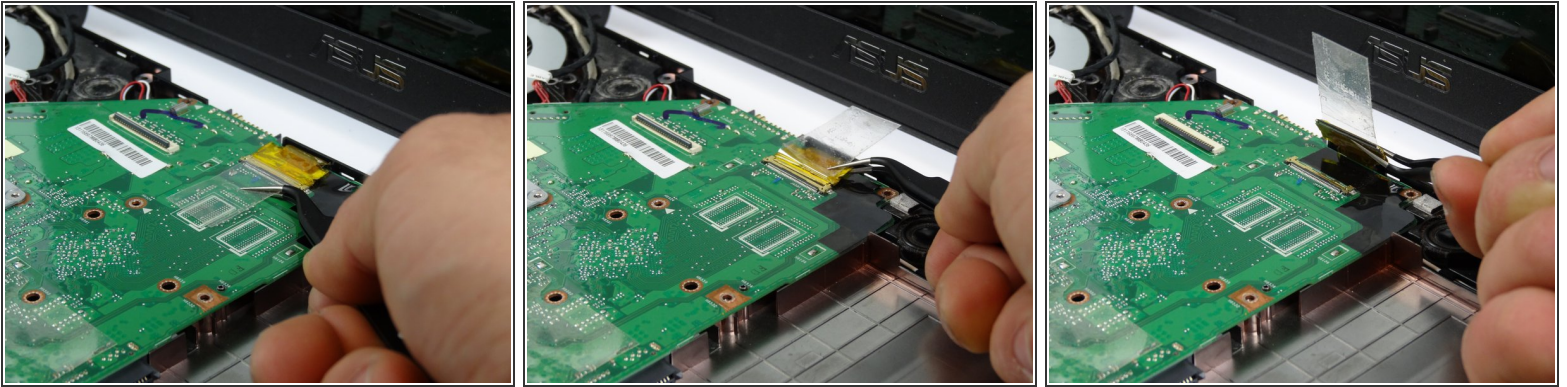
Step 10

- Remove keyboard from laptop.

- Remove the five 4mm screws (with a Tri-wing Y1 screwdriver) that are both connecting the fan and motherboard.

- Pull out WiFi from below the cooling fan by lifting the edge nearest to the fan and sliding it towards the fan.
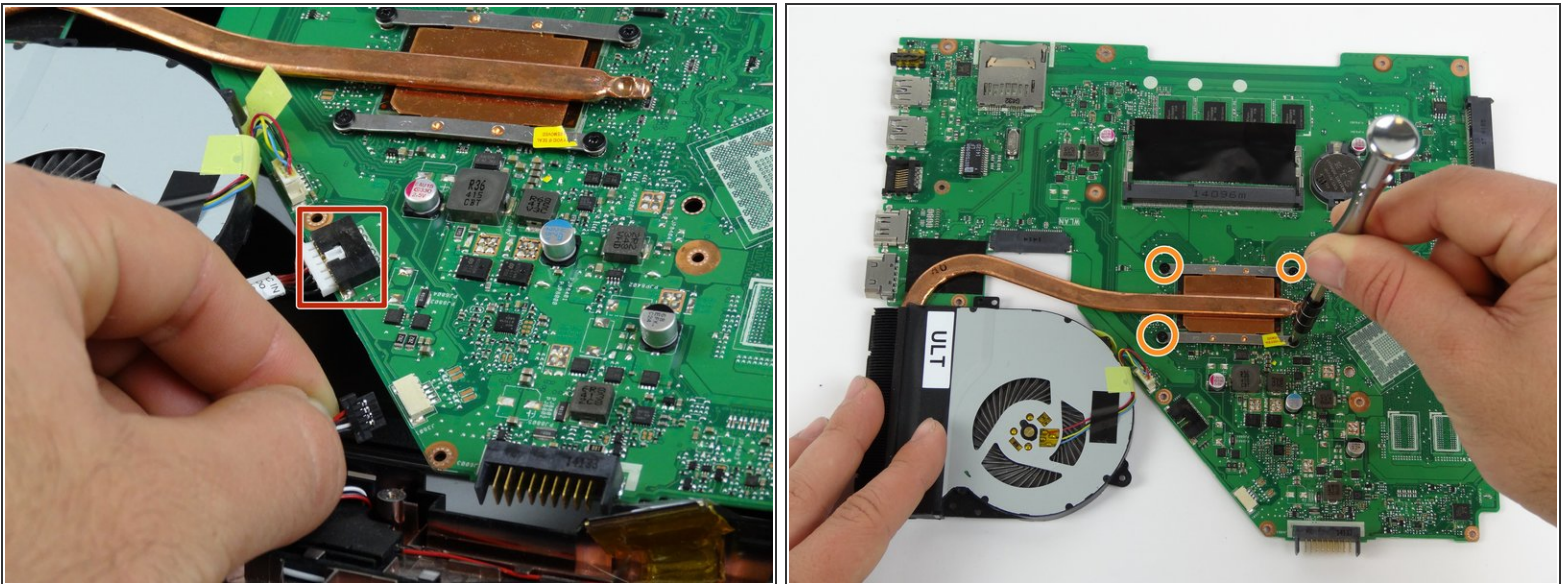
Step 11

- Lift yellow ZIF connector from the top of the motherboard to remove the connector.

- Lift up motherboard from bottom edge towards the screen.

Step 12

- Unplug the two bundled cable connector from pin sockets below the fan.

- Remove the motherboard and place on a flat surface.

- Remove four 4mm screws with a Tri-wing Y1 screwdriver from the CPU.
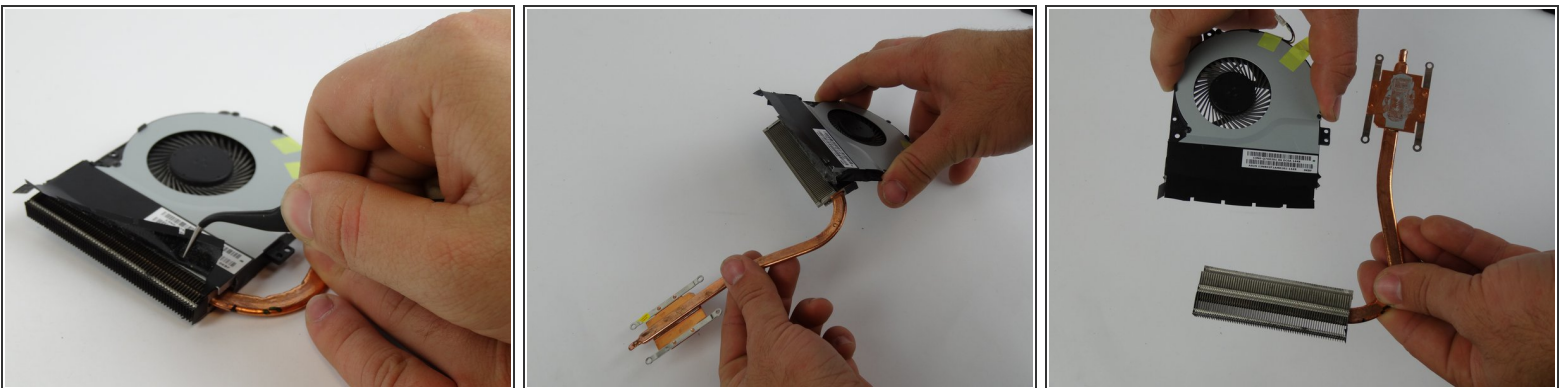
Step 13

- Disconnect bundled cable connector from the motherboard

- Remove fan part from the motherboard.

Step 14

- Remove the black tape from the top of the fan radiator.

- Remove radiator by tilting it down and pulling it out from the fan.

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

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