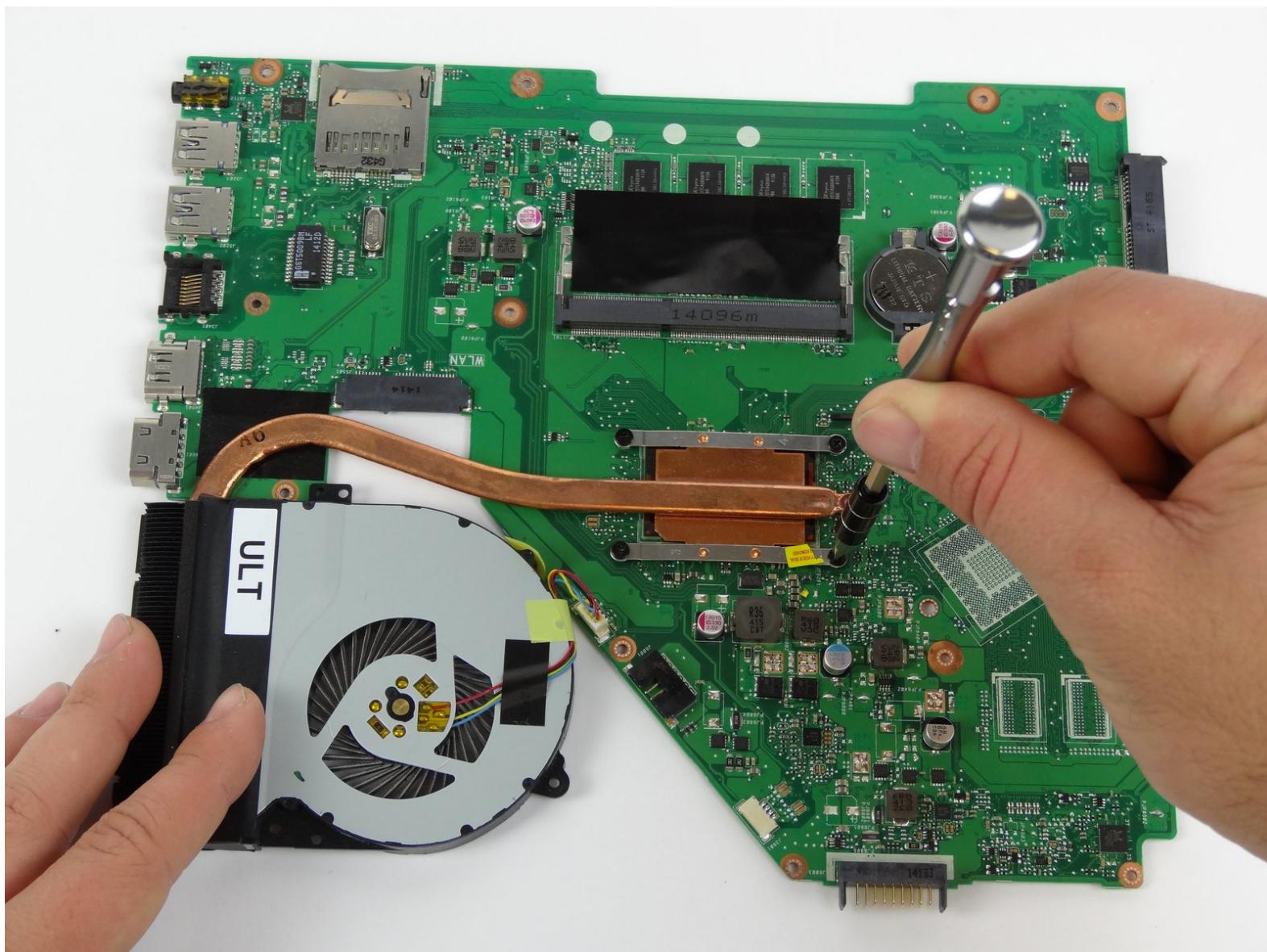




# ASUS X552LAV-BBI5N08 Fan Replacement

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

Written By: Jason Vo



## 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)

## 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.

## 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



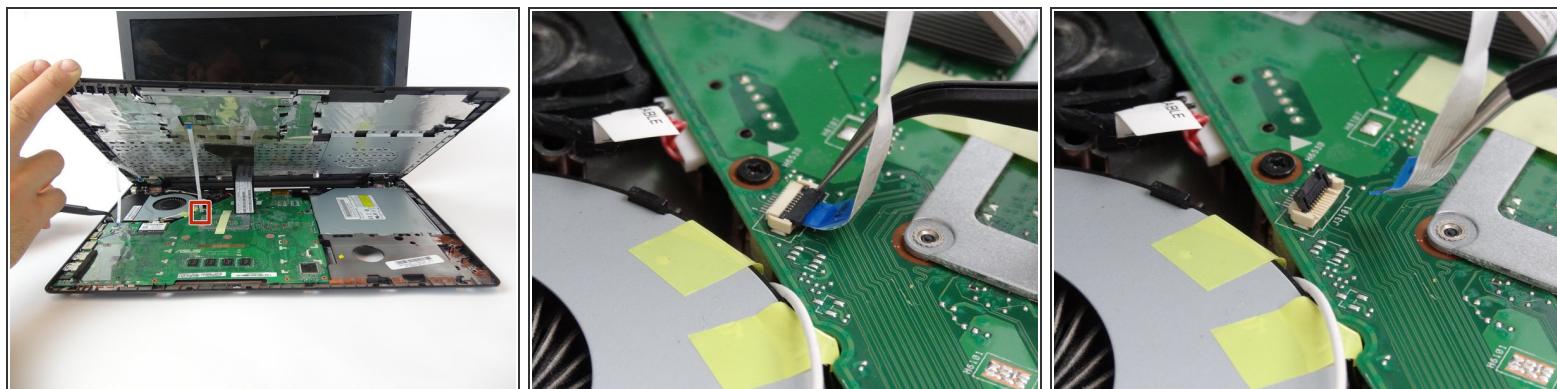
- Use opening tool to split keyboard from base of the laptop.
- Make sure to start from one end and go around the edges.
- Use Tri-wing Y1 screwdriver to remove two 12mm screws from battery area.

## Step 7



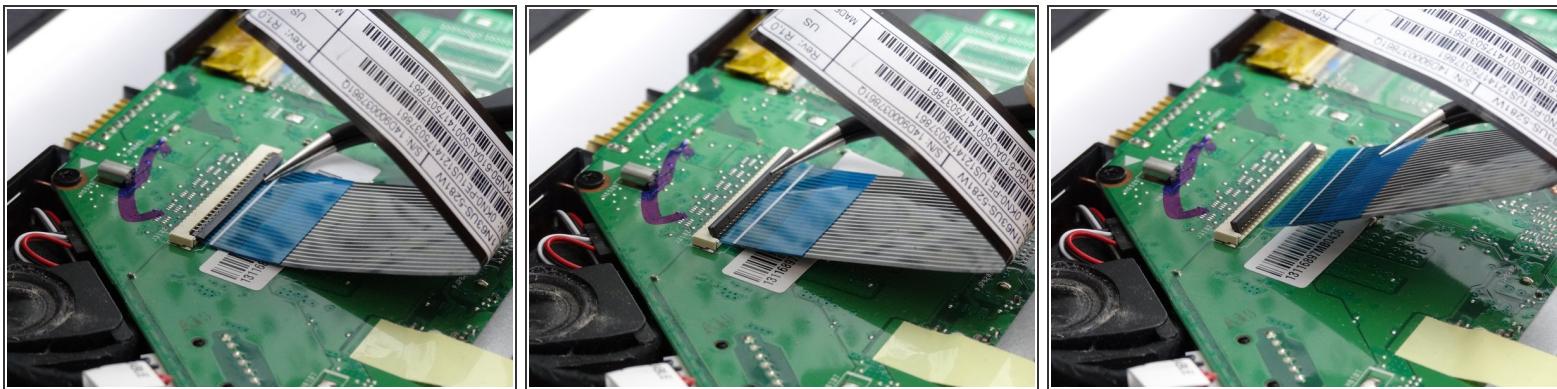
- Flip laptop to sit on its bottom.
- Lift keyboard up by the front edge

## Step 8



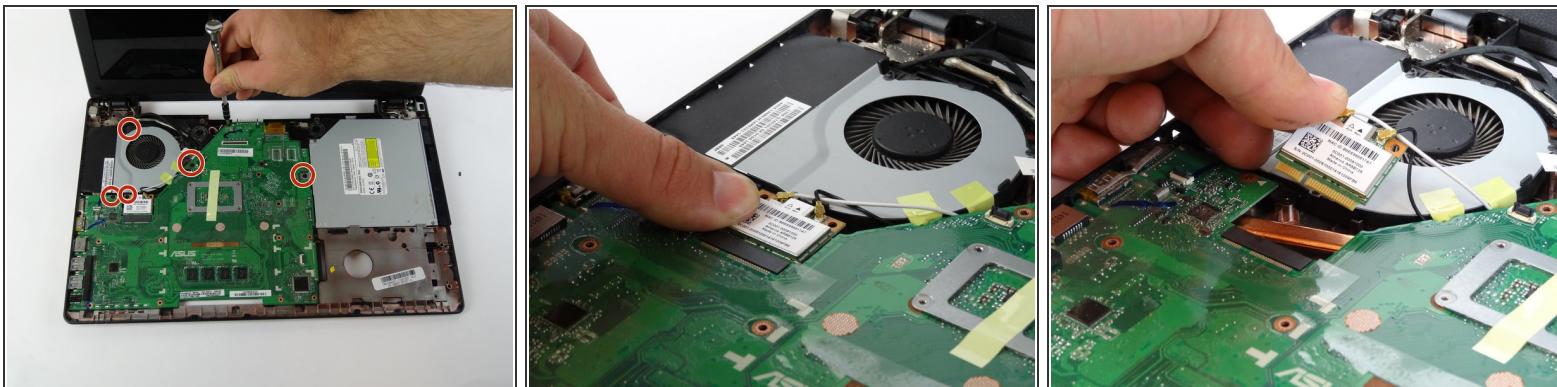
- Flip up the small locking flap for the two ZIF connectors.
- Unplug connectors that are keeping keyboard connected

## Step 9



- Flip up the locking flap for the ZIF connector.
- Unplug the connector that is keeping the keyboard connected.

## Step 10



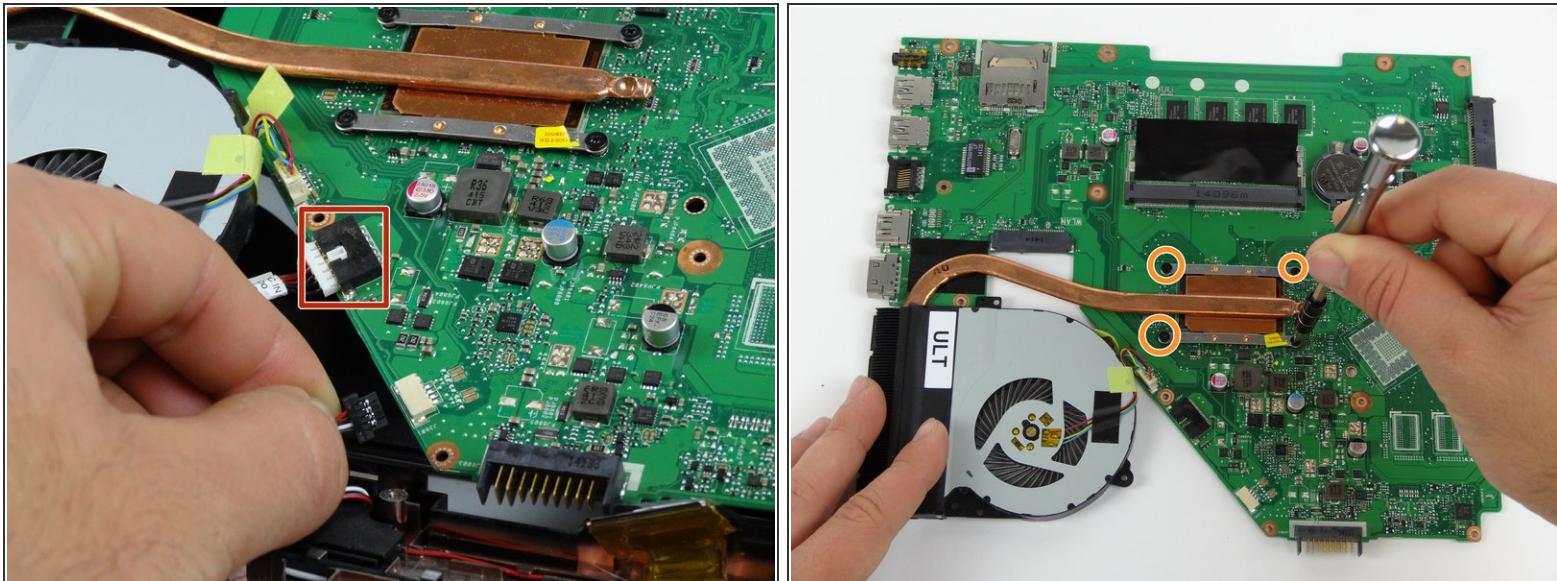
- Remove keyboard from laptop.
- Remove the five 4mm screws (with a Tri-wing Y1 screwdriver) that are both connecting the fan and motherboard.
- Pull out WiFi from below the cooling fan by lifting the edge nearest to the fan and sliding it towards the fan.

## Step 11



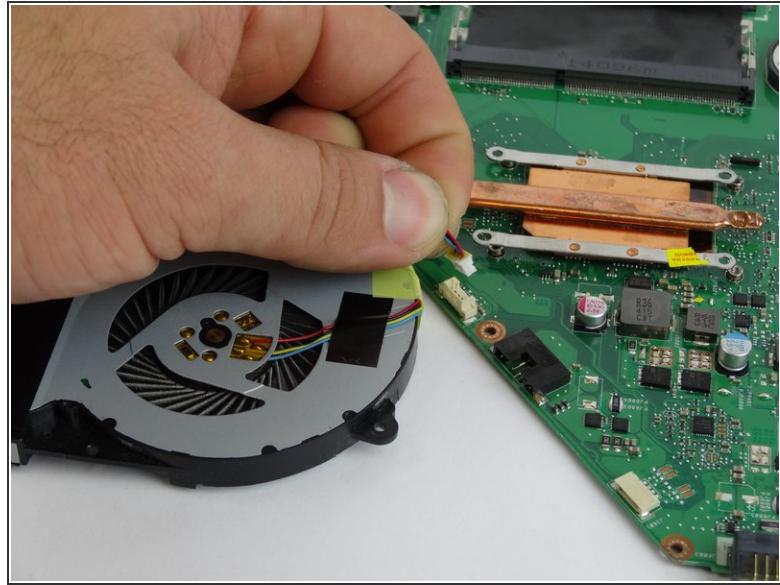
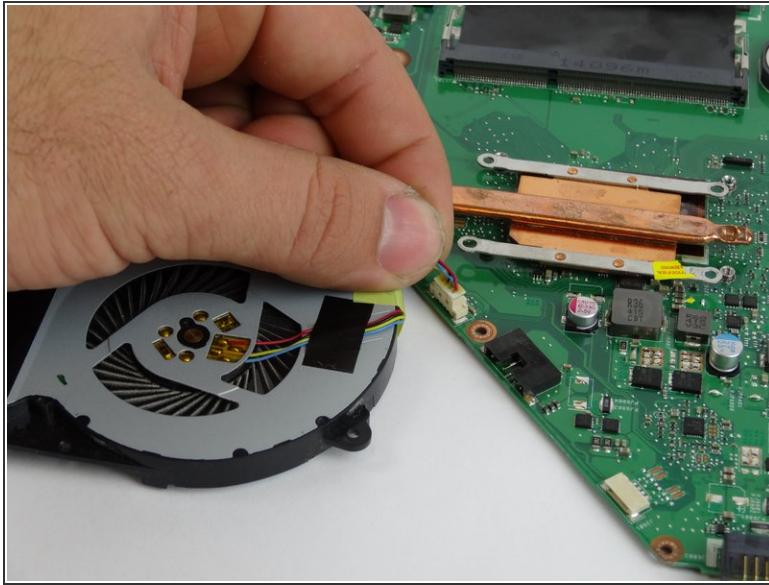
- Lift yellow ZIF connector from the top of the motherboard to remove the connector.
- Lift up motherboard from bottom edge towards the screen.

## Step 12



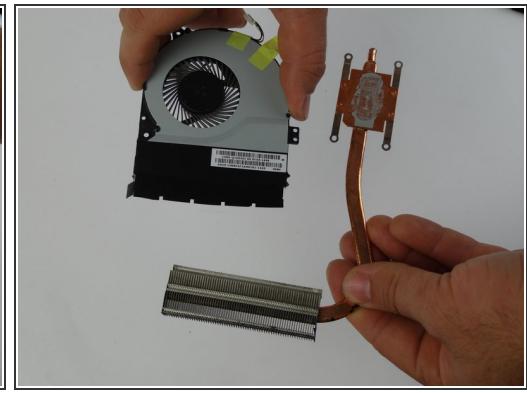
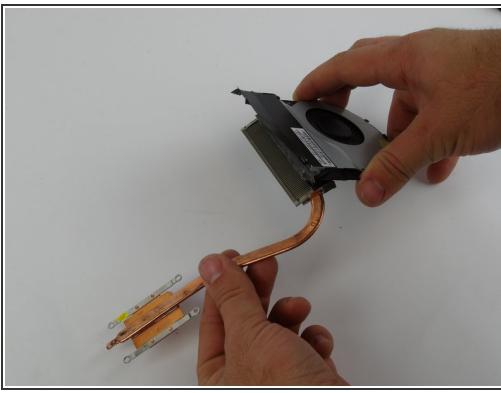
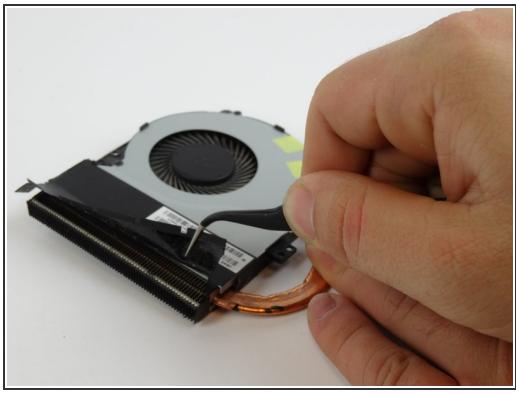
- Unplug the two bundled cable connector from pin sockets below the fan.
- Remove the motherboard and place on a flat surface.
- Remove four 4mm screws with a Tri-wing Y1 screwdriver from the CPU.

## 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.