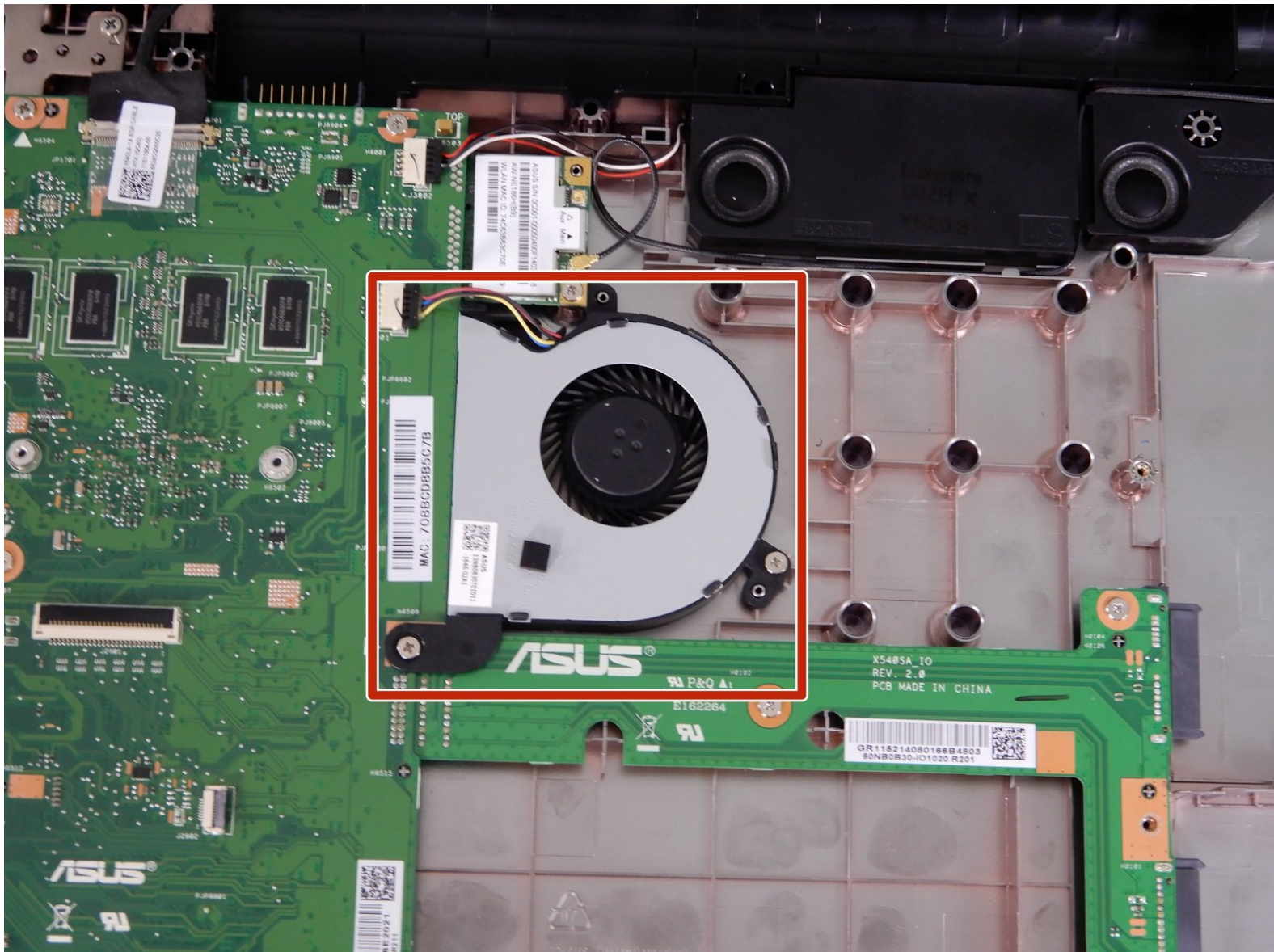




# Asus VivoBook X540SA-BPD0602V Fan Disassembly

In this guide you will safely remove and replace your Asus Vivobook X540SA-BPD0602V's fan.

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## INTRODUCTION

In this guide you will learn how to remove and replace your Asus Vivobook X540SA-BPD0602V's fan. If your computer is overheating, and continues to do so after cleaning, the fan has to be replaced. If left as is other components within the device can be damaged due to heat exposure.



### TOOLS:

- [Phillips #1 Screwdriver](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [JIS #00 Screwdriver](#) (1)
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## Step 1 — Keyboard



- Power down the laptop using the device's power button in top right corner of the keyboard. Ensure that the device's power cord is disconnected.

## Step 2



- Flip the laptop over so the back panel is displayed.

## Step 3



- Using a Phillips #1 screwdriver, remove the ten screws from the back panel.
- Remove the two battery screws (15.6 mm)
- Two top corner screws (12.5 mm)
- Six case screws (9.7mm)

## Step 4



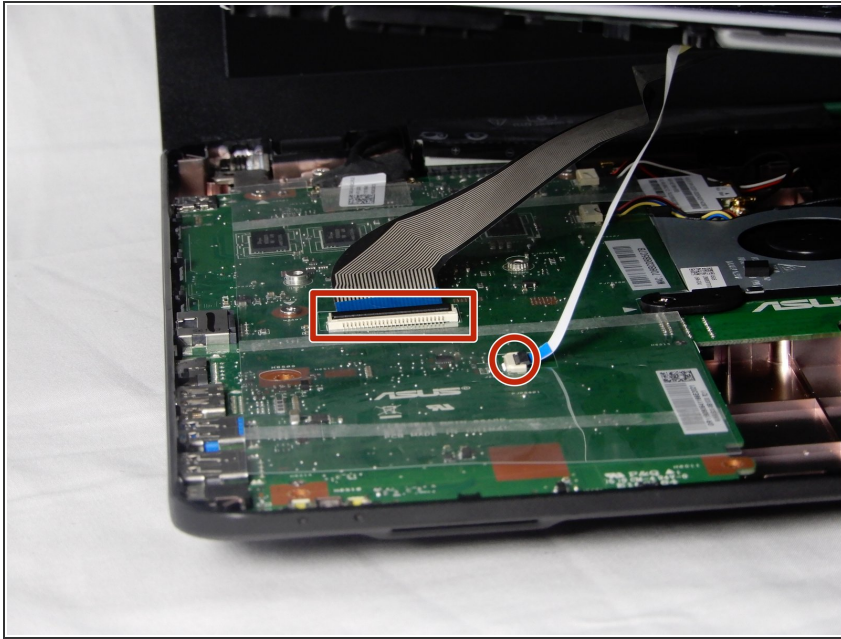
- Flip the laptop back over and open it, revealing the screen and keyboard.

## Step 5



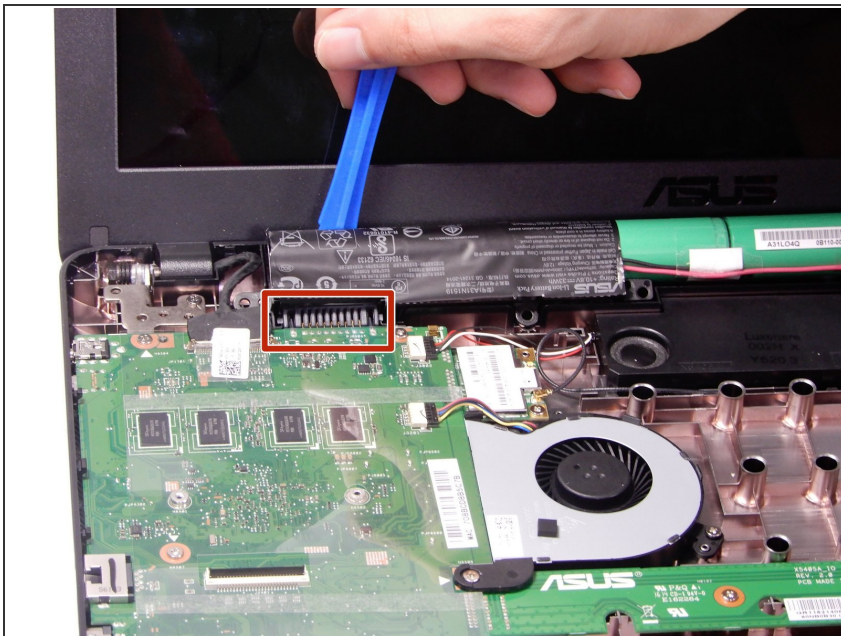
- Using the blue plastic opening tool, wedge and loosen the seal all the way around the edges. Carefully lift up the keyboard panel.
- ⚠ When lifting the keyboard panel, do not lift it all the way as the two connection ribbons to the motherboard must be disconnected.
- ℹ It is recommended to break the seal of the case starting at the upper corners closest to the display monitor .

## Step 6



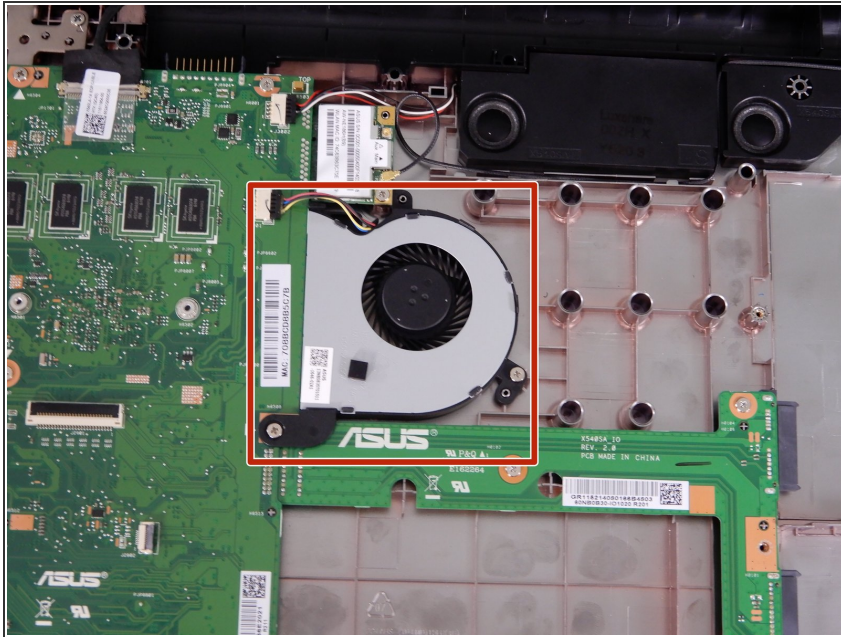
- Observe where the ribbons connect to the motherboard, there are two connections. Each connection has a black clamp. To remove the ribbon, lift the black clamp up to disconnect it.

## Step 7 — Battery



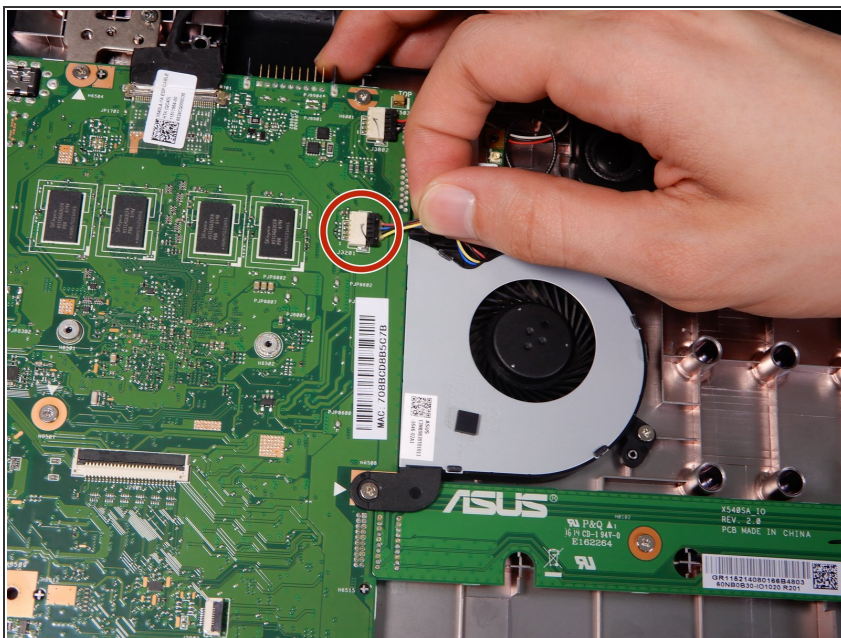
- Very carefully, remove the batteries with the blue plastic iFixit opening tool. Focus removing the battery near the highlighted area.
- ⓘ The batteries should all be connected to one another and come out of the device as a single unit.
- ⚠ Be careful not to rip any of the black plastic covering the batteries. Exposed battery parts can lead to explosions. If the case is ripped, re-wrap them, or properly dispose of them. Do not reuse them.

## Step 8 — Fan



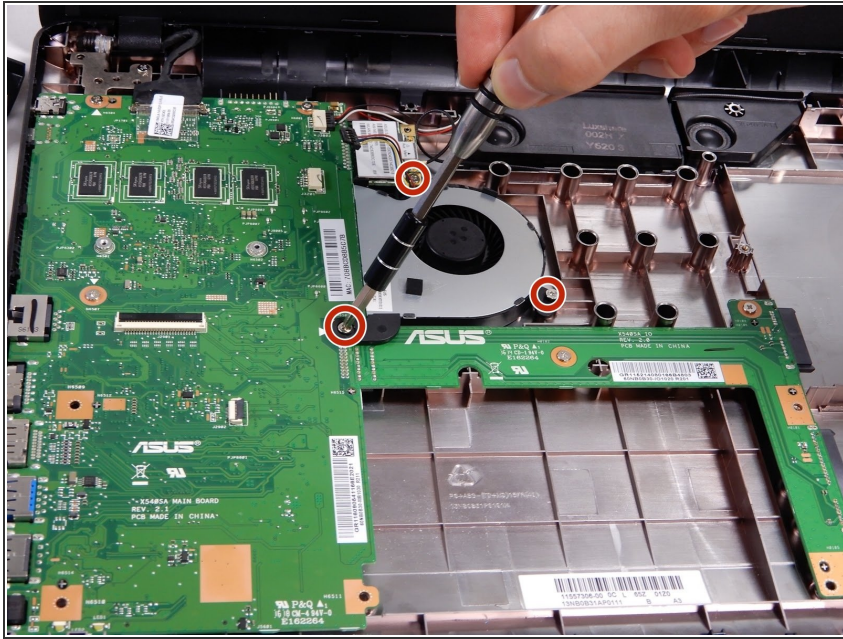
- The fan is located near the upper left hand corner of the device, connected to the motherboard and right beneath the wireless card.

## Step 9



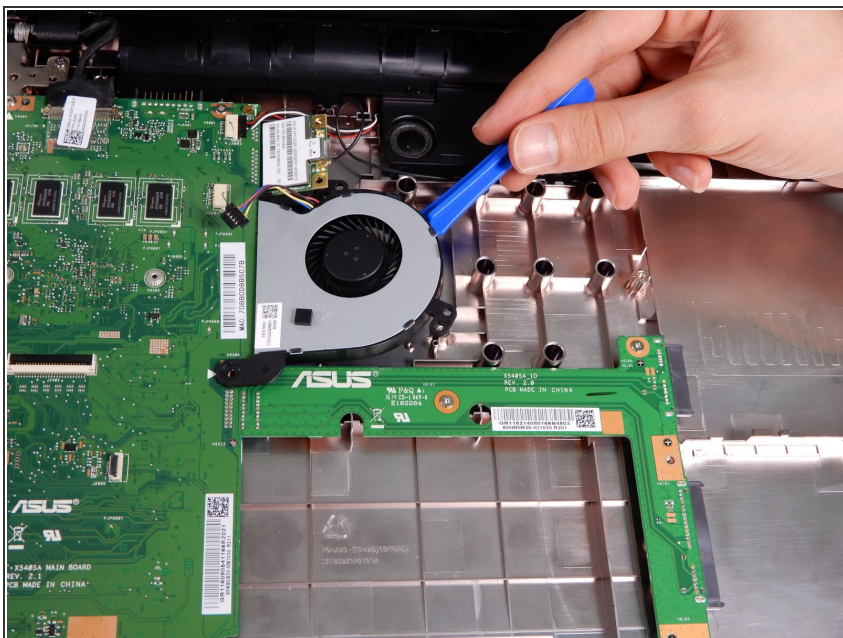
- There is a bundle of wires connecting the fan to the motherboard. Disconnect them.

## Step 10



- Using the J00 screw bit in the iFixit tool kit, remove the three screws securing the fan to the case. One screw connected to the bottom case (4cm), one connected to the motherboard (4cm), and one screw connected to the Wireless Card (5cm).

## Step 11



- Carefully remove the fan from the case using the blue iFixit opening tool.

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