



## INTRODUCTION

This guide will show you how to locate and remove the cooling fan, in order to replace the motherboard.

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### TOOLS:

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

### PARTS:

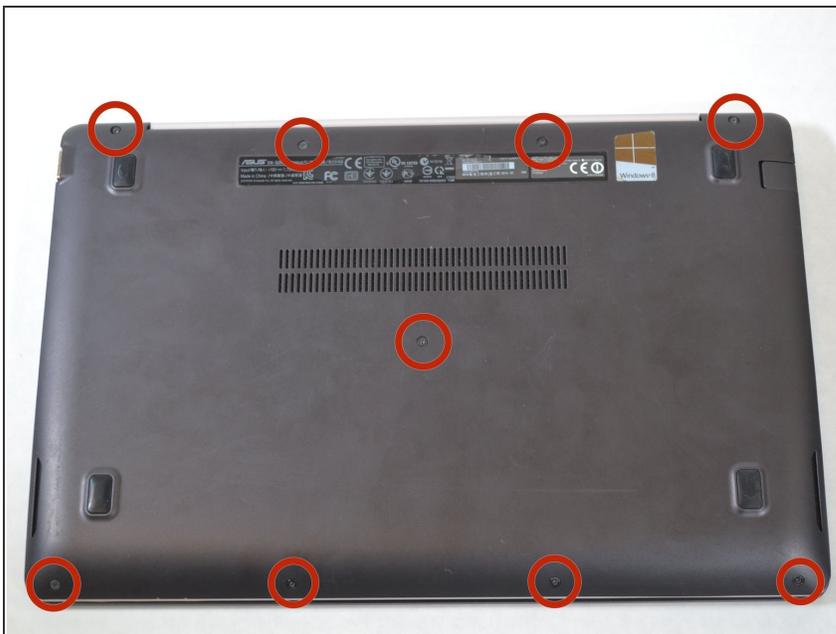
- [ASUS VivoBook Q200E Fan](#) (1)

## Step 1 — Back Panel



- Turn off the computer and unplug the charge cable.
- ⚠ If the computer is on or plugged in, it could cause electric shock.
- Turn the computer upside down.

## Step 2



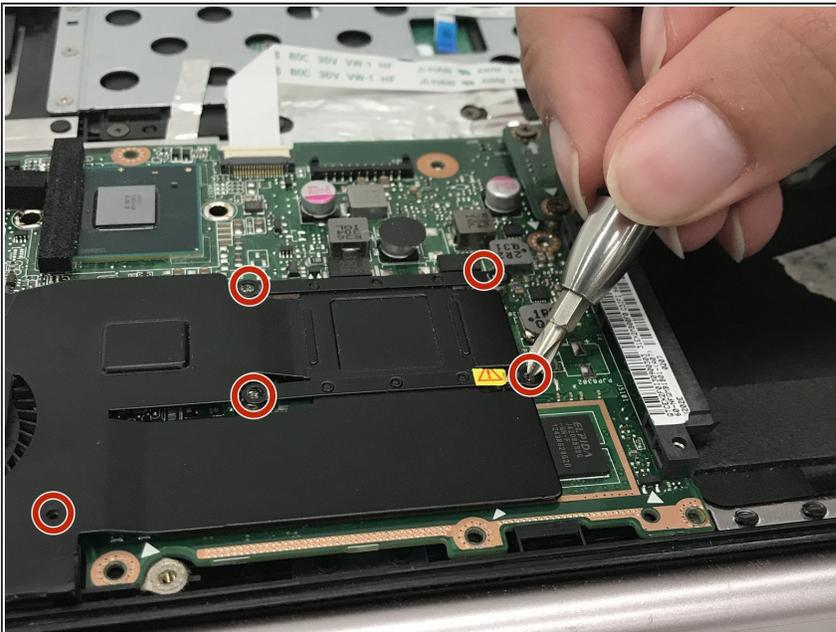
- Remove the nine Philips #00 screws holding the back panel in place (four 5.6mm, four 7.7mm, and one 9.2mm).

### Step 3



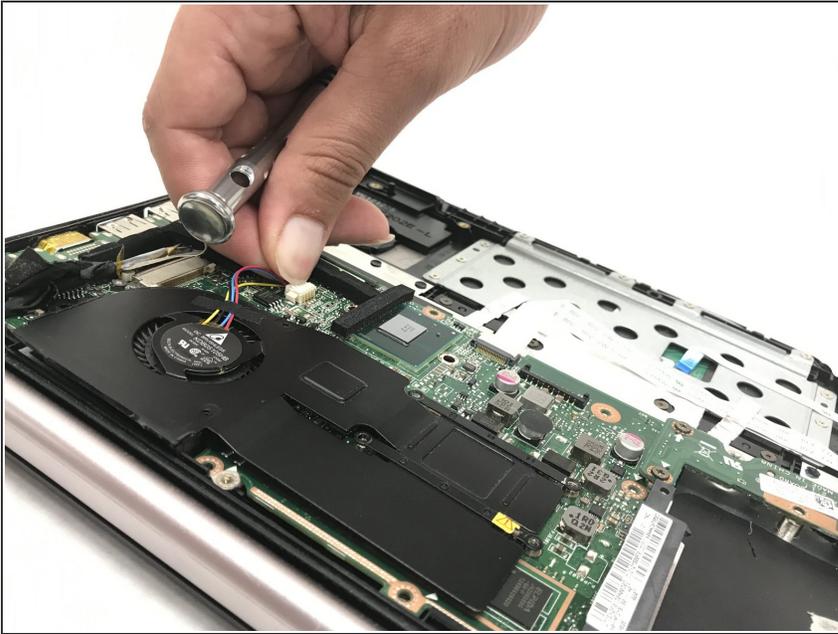
- Use a plastic opening tool to gently remove the back panel.

### Step 4 — Cooling Fan



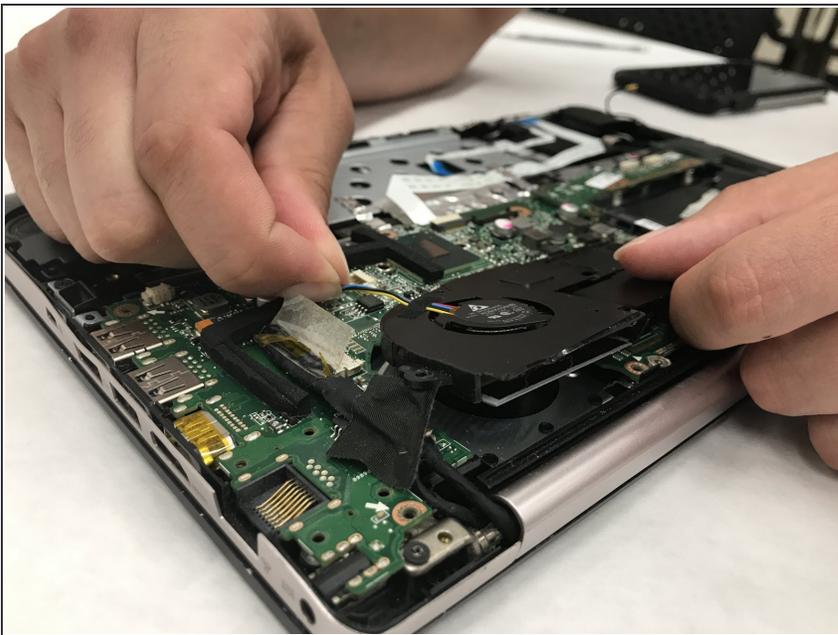
- Unscrew the five 4.9mm screws holding the cooling fan in place using a Phillips #0 screwdriver.

## Step 5



- Unplug the power bus for the fan.

## Step 6



- Lift up and remove the cooling fan from the slot.

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