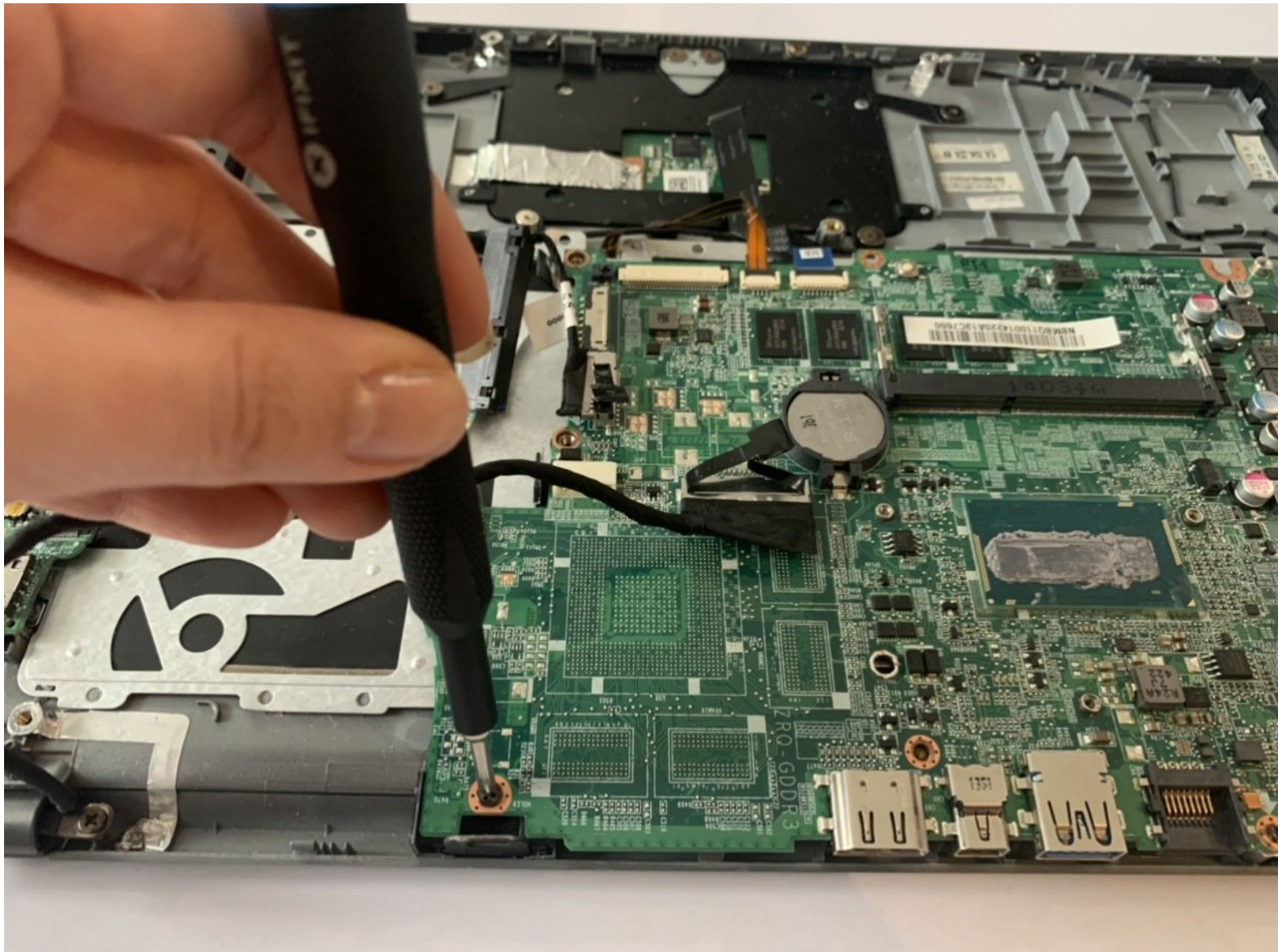# Acer Aspire V5-473P-5602 Motherboard Replacement

How to replace a faulty motherboard in your...

Written By: Kristen Gismondi

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INTRODUCTION

How to replace a faulty motherboard in your Acer Aspire V5-473P-5602

The motherboard is the brain of the computer, and a faulty motherboard is a brain-dead system. Fans and drives may work if the motherboard is dead, but most of the time, nothing happens when you turn on the power. A number of things can cause the problem such as a burnt-out graphic chip or a damaged power jack. Check the power supply before disassembling your motherboard. It may be as simple as a bad power connection. If it does not work after using another power source, the motherboard is more than likely faulty.

- Keep yourself grounded to avoid shocking your components by using an anti-static mat OR an anti-static wristband.
- Carpet creates static, so if you do NOT have an anti-static mat or wristband, wear rubber sole shoes while standing on a hard surface floor.
- All computer components should remain in the anti-static bags they came in until ready for installation.
- Complete all 14 steps in order.
- Taking photos as you complete each step will help you keep track of where each component should be.
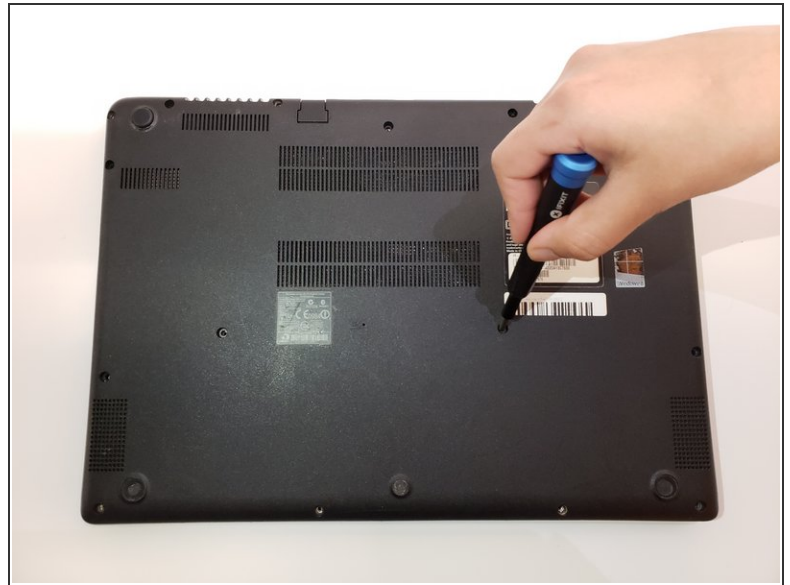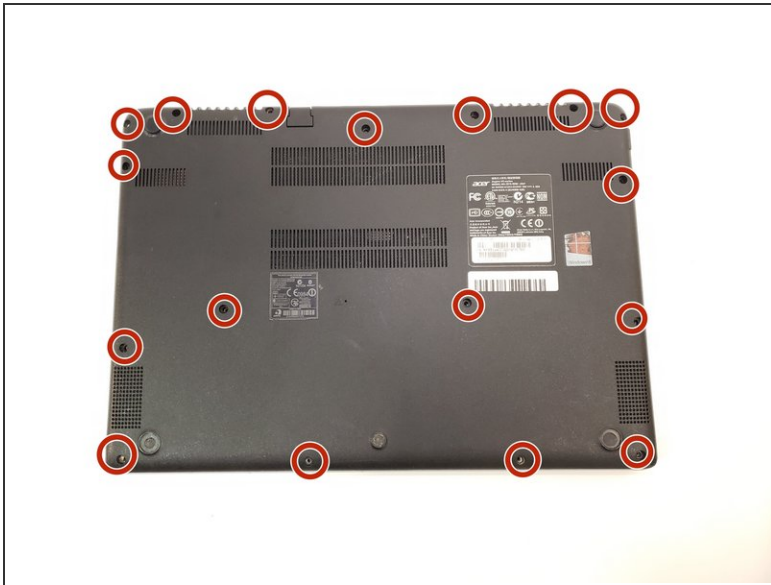
TOOLS:
- iFixit Opening Tool (1)
- Phillips #0 Screwdriver (1)

PARTS:
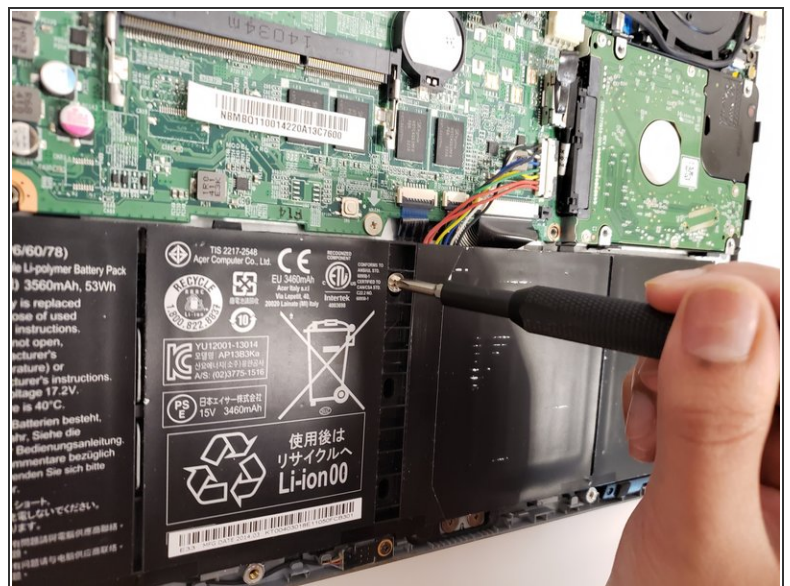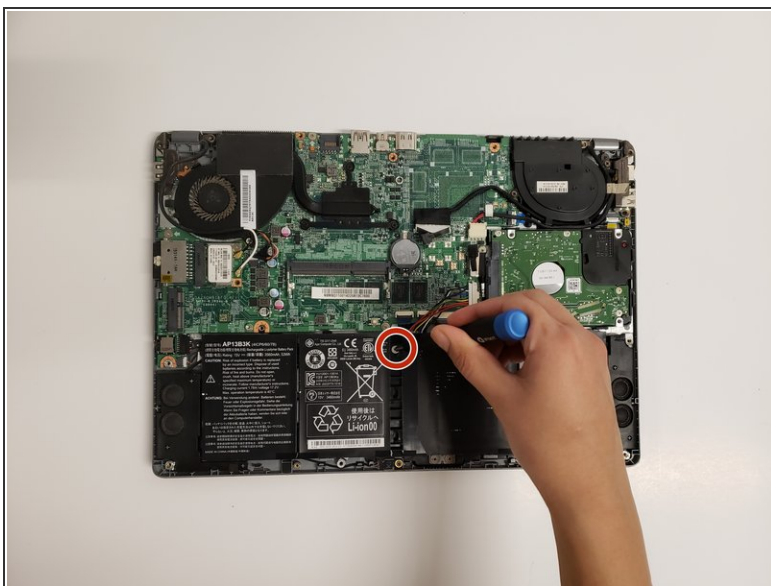- Acer AP13B3K and AP13B8K Replacement Laptop Battery (1)

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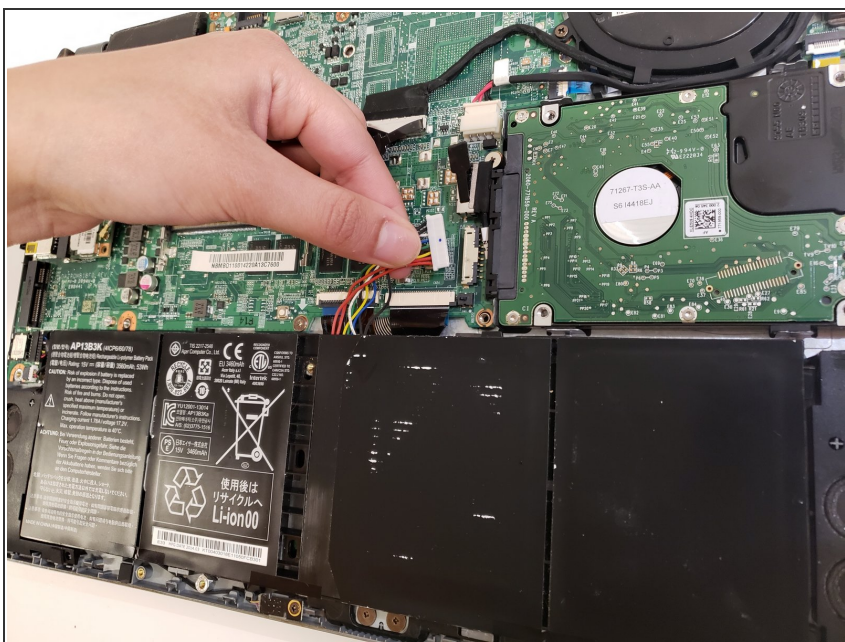
Step 1 — Back Panel

- Flip the laptop over so the back panel is facing upwards.

- Use the Phillips #0 screwdriver to remove seventeen 2.5mm screws.

- Remove the back panel from the laptop using an iFixit opening tool.
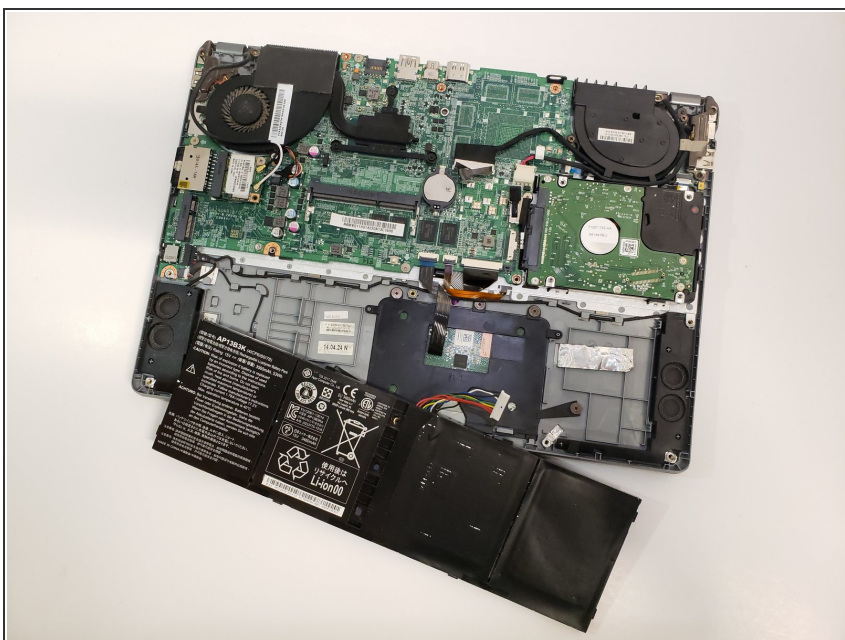
Step 2 — Battery

- Remove the Phillips #0 screw from the middle of the battery.

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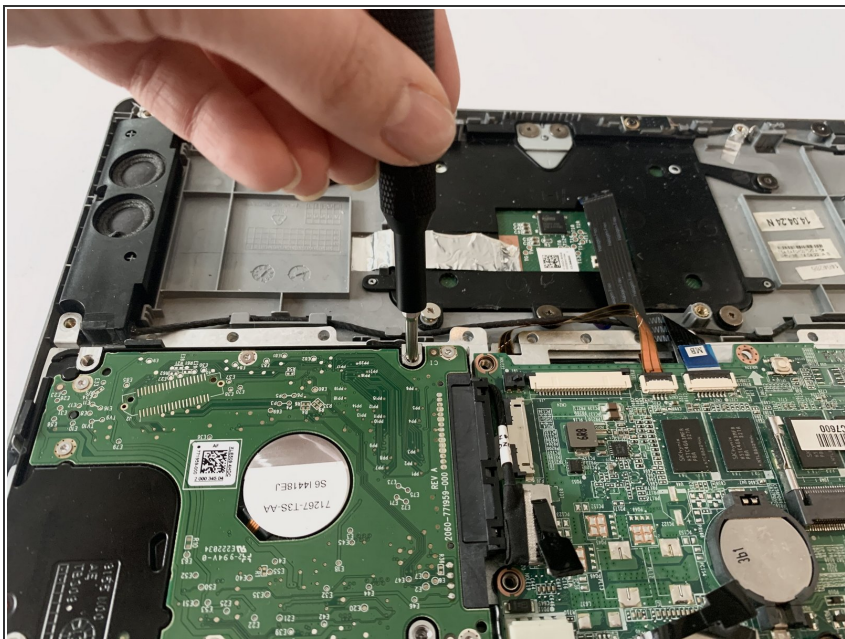
Step 3

- Unplug the battery from the motherboard.

Step 4

- Carefully take the battery out of the device.

Step 5 — Hard Drive

- Remove the four Phillips #0 screws from the hard drive.
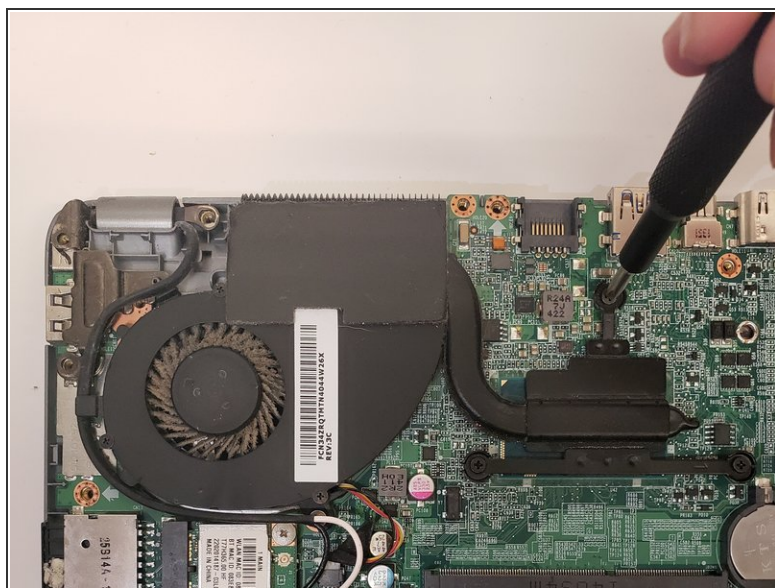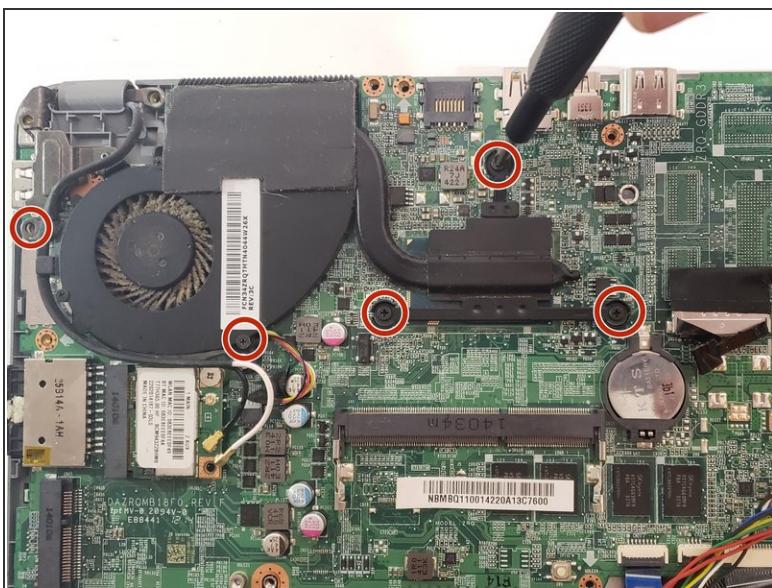
Step 6

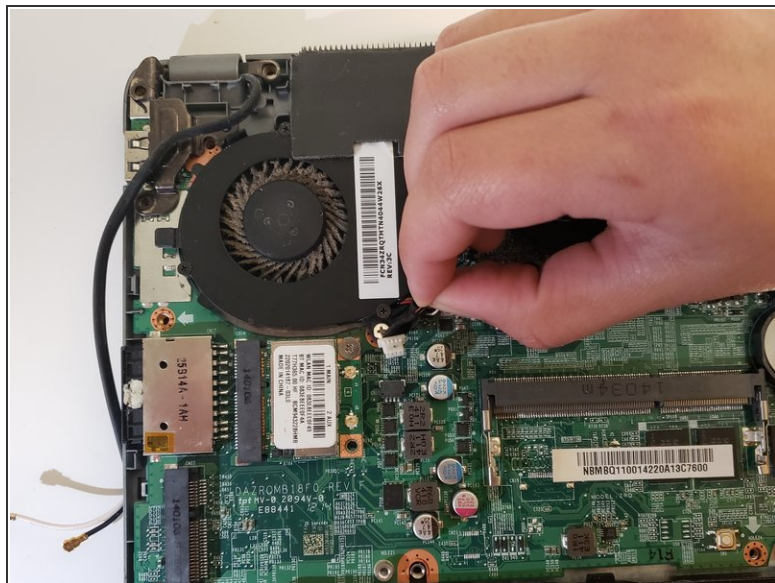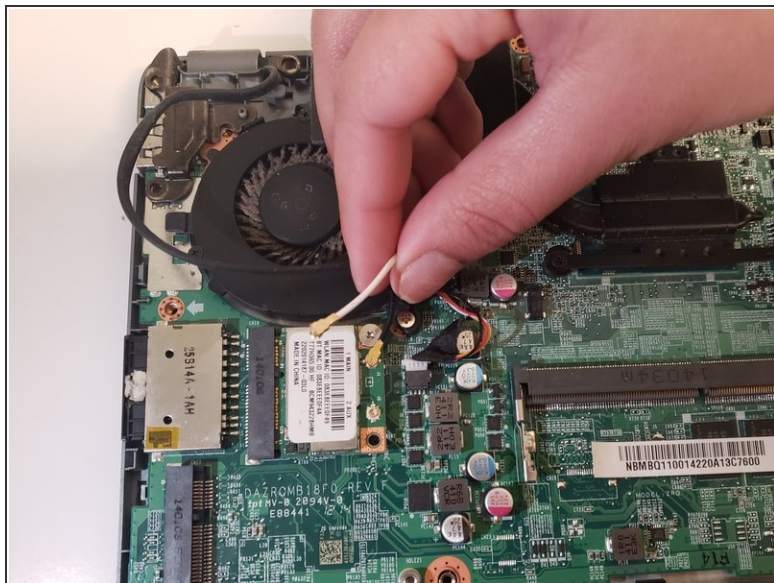- Gently unplug the hard drive connector.

Step 7

- Remove the hard drive from the laptop.

Step 8 — Fan

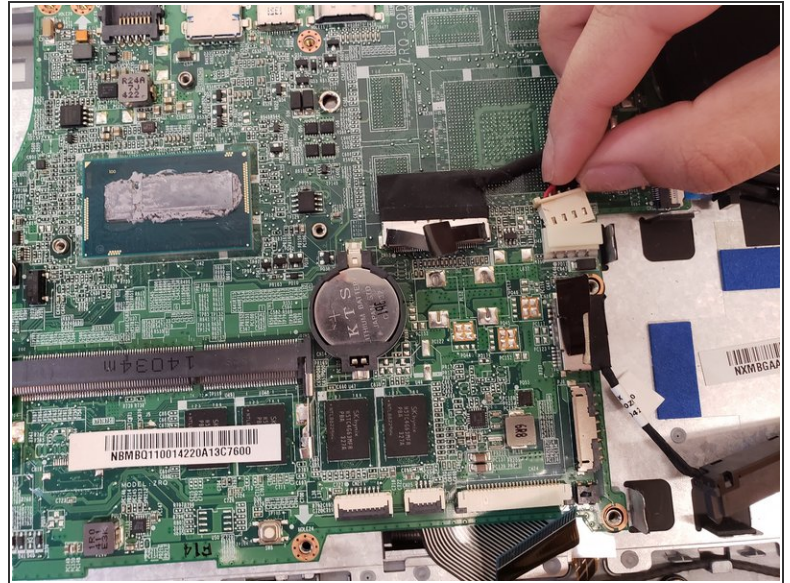- Remove the five Phillips #0 screws that are holding the fan down to the base.

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Step 9

- Gently unplug the cables from the Wi-Fi card.
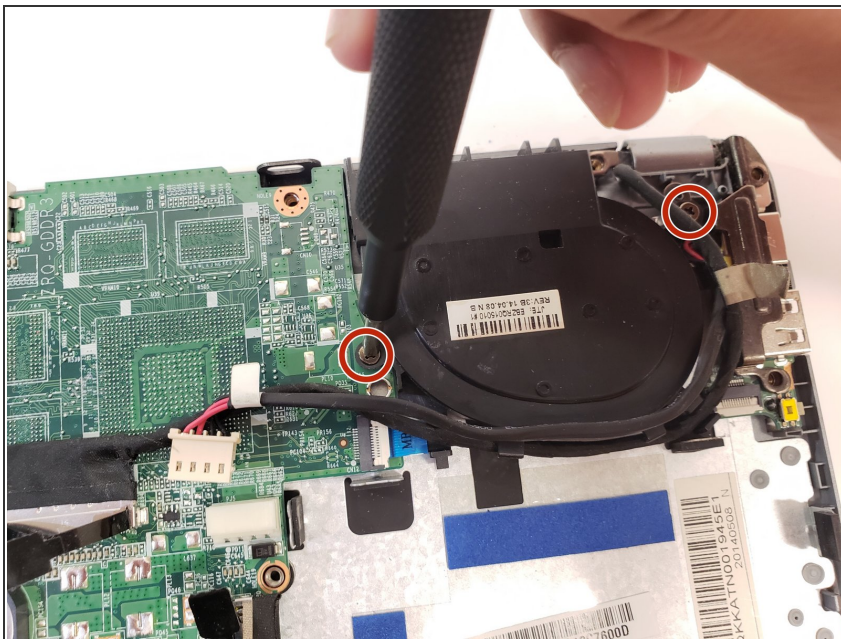
Step 10

- Remove the fan from the laptop.

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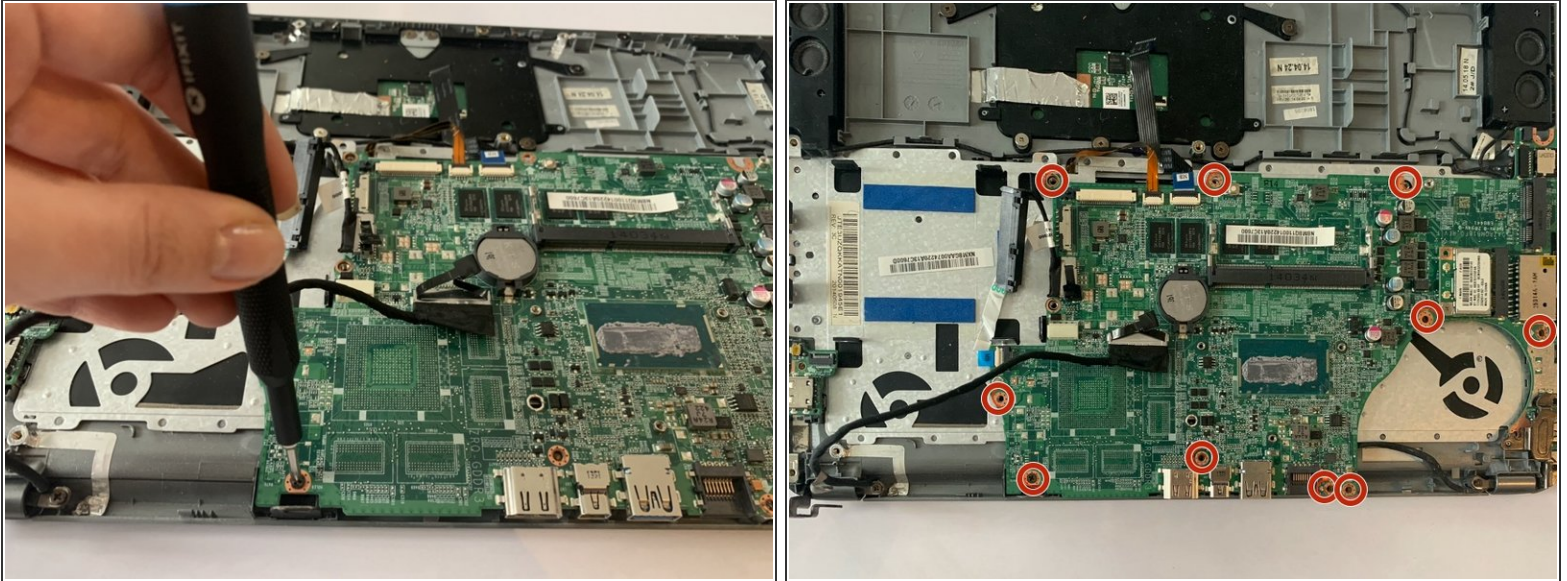
Step 11 — Secondary Cooling Fan

- Unplug the cable that connects to the fan to motherboard.
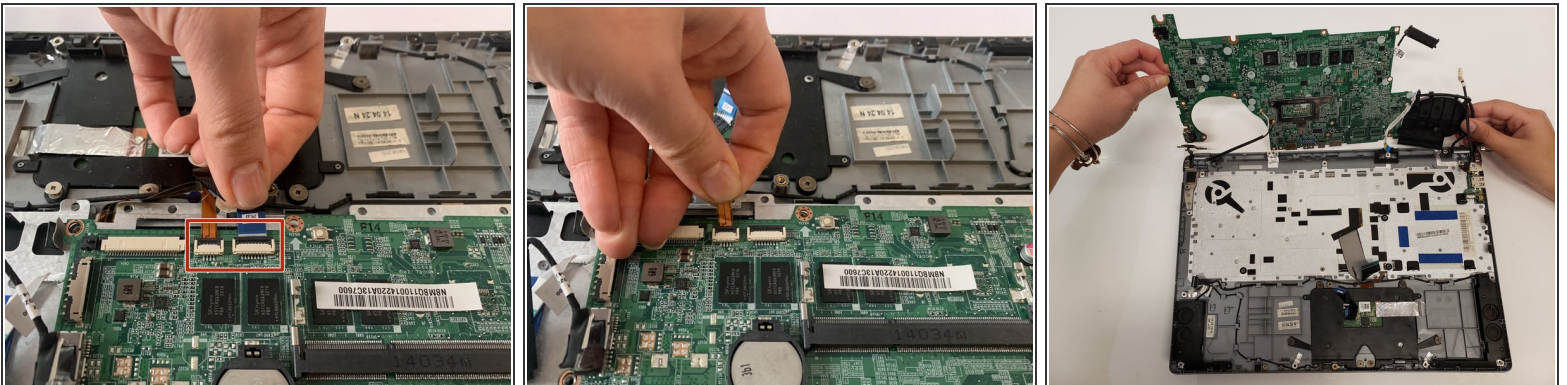
Step 12

- Remove the two Phillips #0 screws that secure the fan to the base.

- Remove the fan from the laptop.

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Page 8 of 9

Step 13 — Motherboard

- Remove the ten Phillips #0 screws that attach the motherboard to the keyboard.

Step 14

- Unplug the two data cables that attach the keyboard to the motherboard.
- Remove the motherboard from the laptop.

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

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