Fujitsu Lifebook S6120 Fan Replacement

Use this guide to replace the fan in your Fujitsu Lifebook S6120.

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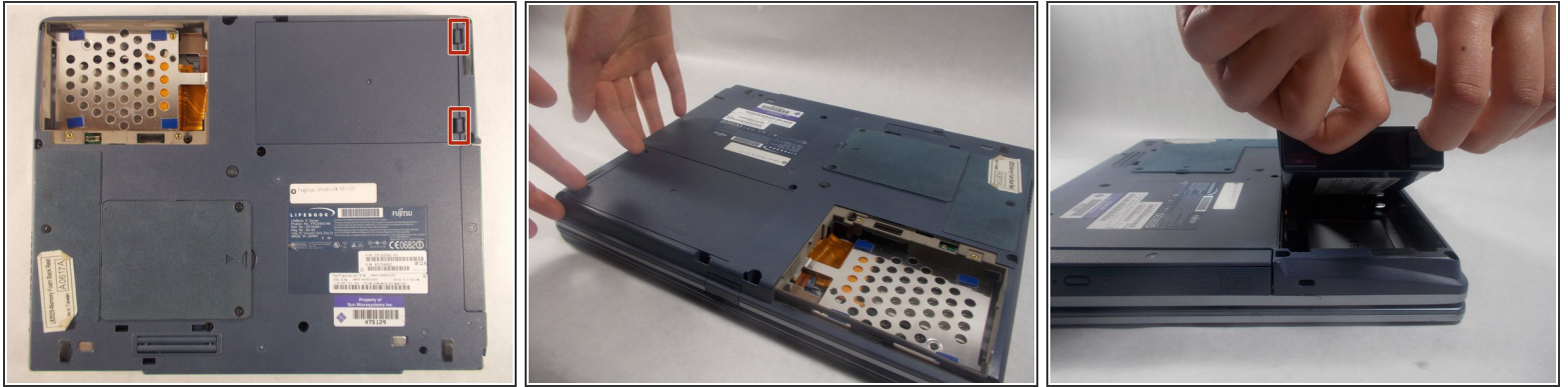
INTRODUCTION

If the laptop tends to overheat then the laptop fan may need to be replaced, this guide will show you how to remove the fan from the Fujitsu Lifebook S6120.

🔧 TOOLS:

- Tweezers (1)
- iFixit Opening Tools (1)

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Step 1 — Battery

⚠️ To prevent injury, make sure the laptop is unplugged and turned off before removing the battery.

● Push the two tabs in towards the laptop.

● Lift the battery up and out from the frame of the laptop.

Step 2 — Hinge Cover

● Use a plastic opening tool to lift the back of the hinge cover on the left and right sides of the computer.

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Step 3

- Lift the hinge cover.

- ⚠ The hinge cover is connected to the motherboard by a ribbon cable. To prevent damage, lift hinge cover slowly.

Step 4

- Use the tweezers to disconnect the ribbon cable from the motherboard.

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Step 5

- With the tweezers detach hinge cover cables from the motherboard.

- Remove hinge cover.

Step 6 — Keyboard

- Lift keyboard enough to show the ribbon cable.

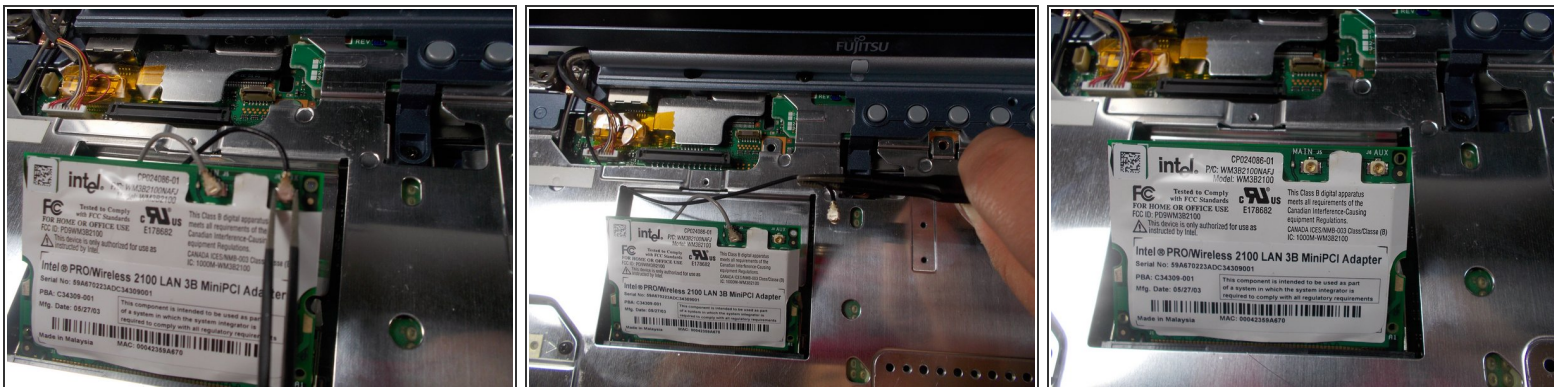⚠ The keyboard has a ribbon cable attached to the motherboard. Lift keyboard carefully to prevent damage.

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Step 7

- Use a plastic opening tool to release the ribbon cable from the motherboard.

Step 8 — PCI Adapter

- Push the secure clips outward.

- The Adapter should pop up.

Step 9

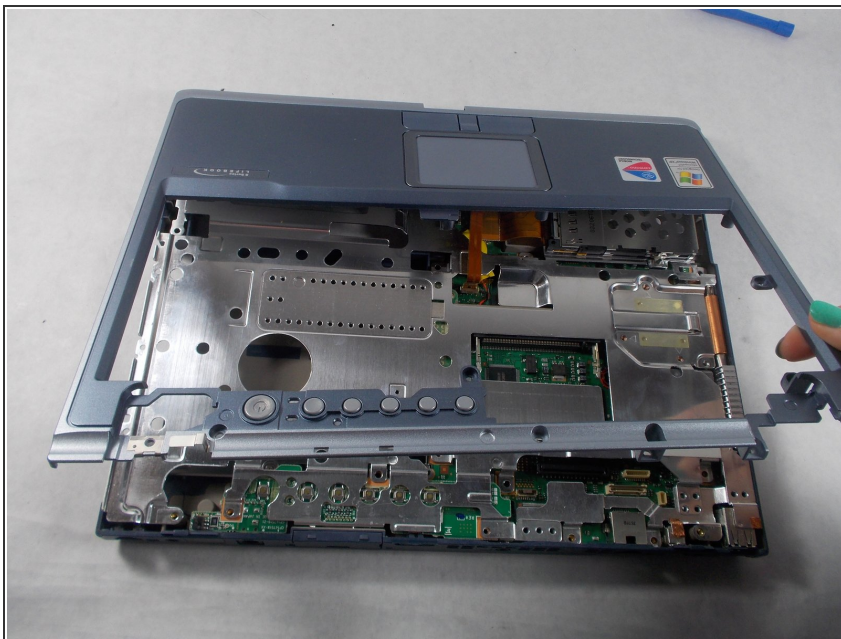- Use tweezers to remove the wires from the Adapter.

Step 10
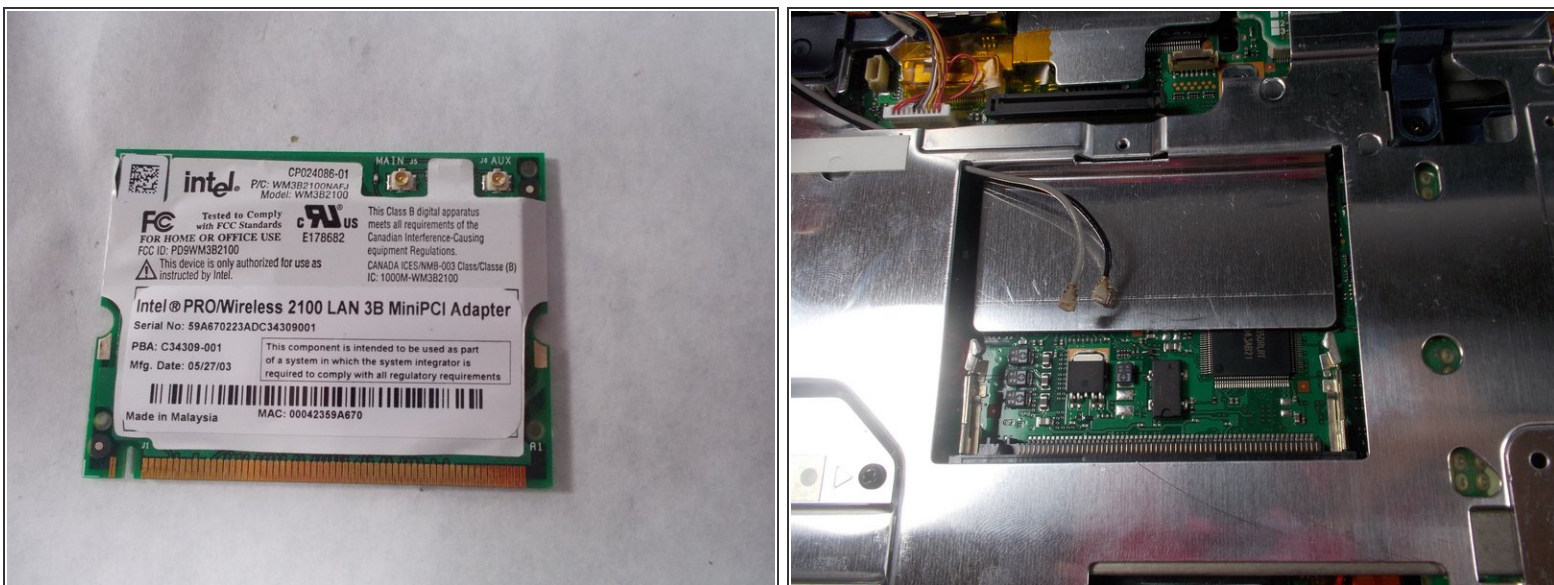
- Take out the Adapter and carefully pull the wires out from the metal casing.
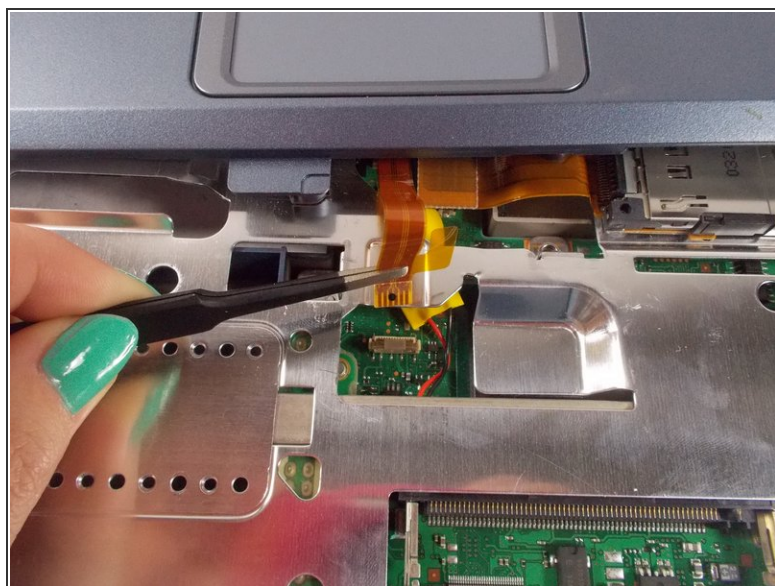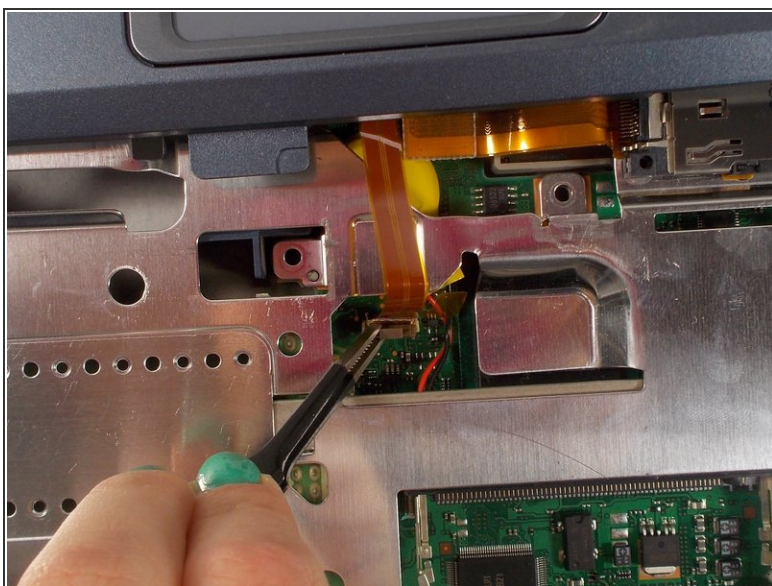
Step 11 — Motherboard
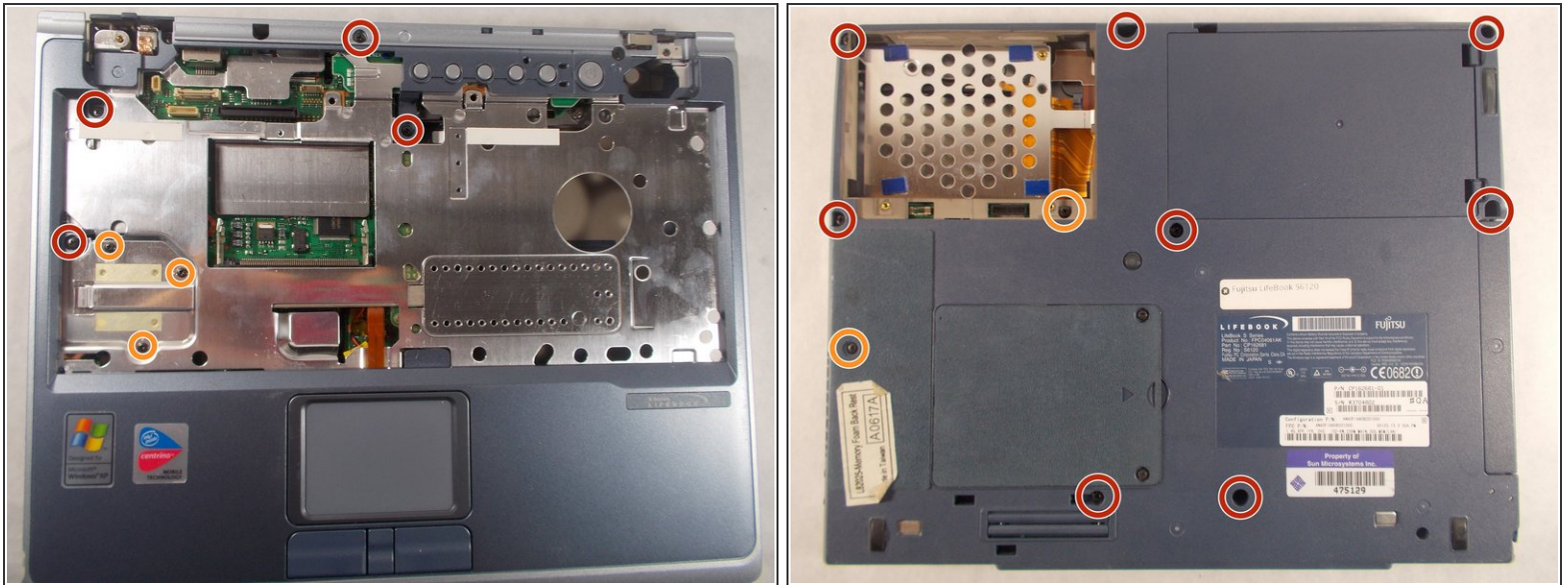
- Use a Philips head #0 to remove the 5mm screws.

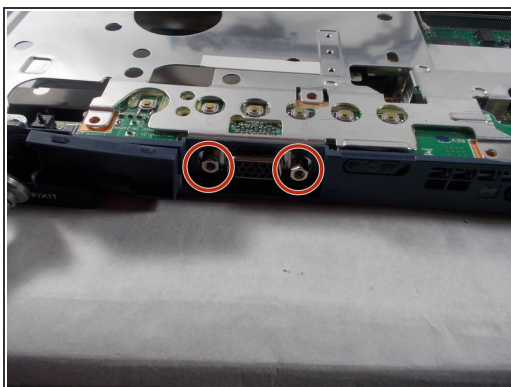- Use a Philips head #00 to remove the 4mm screws.

Step 12

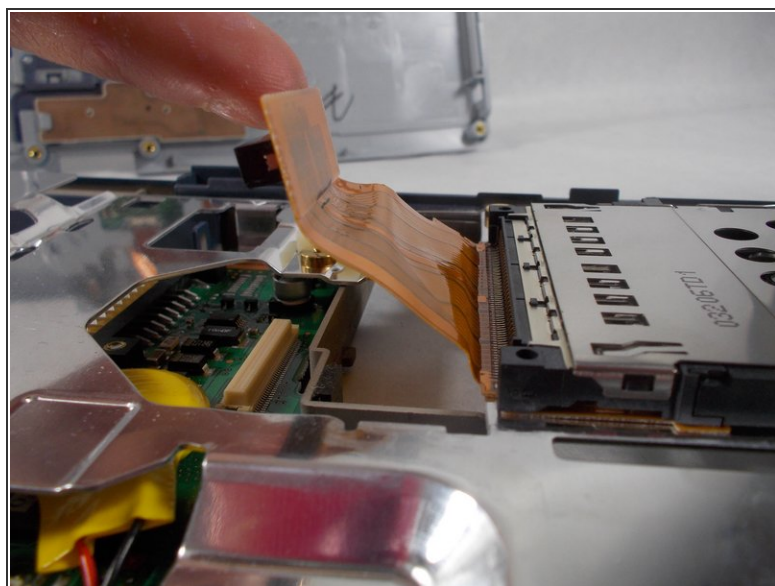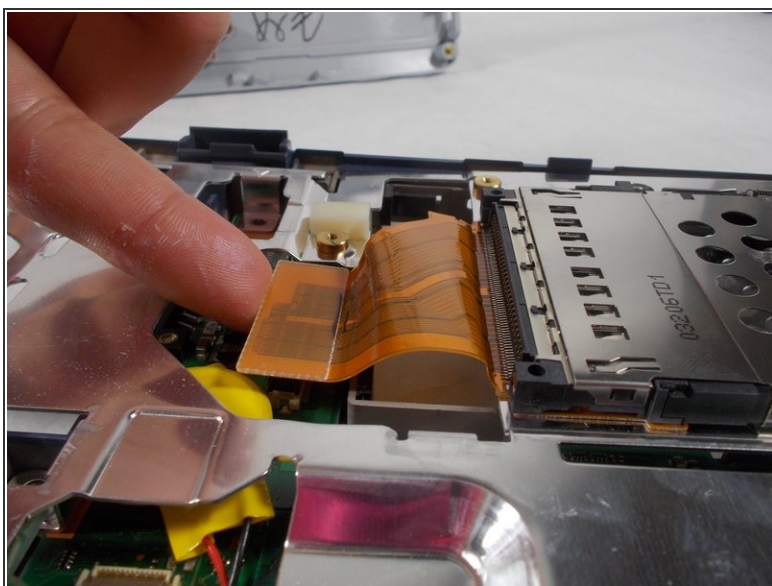- Lift up the plastic frame from the base to expose the ribbon attached to the motherboard.

Step 13

- Remove the ribbon from the motherboard with a pair of tweezers.

Step 14

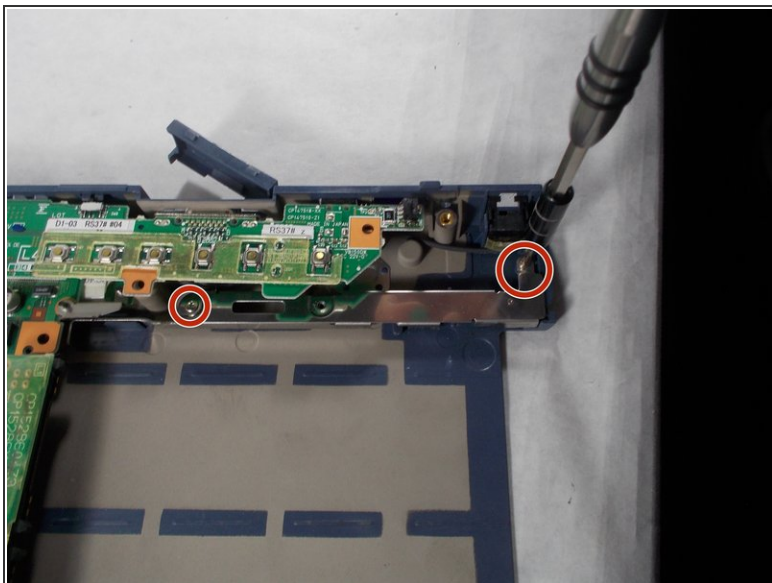- Use a 5mm nut driver to unscrew the nuts.

Step 15

- Pull the ribbon tab up and off the motherboard.
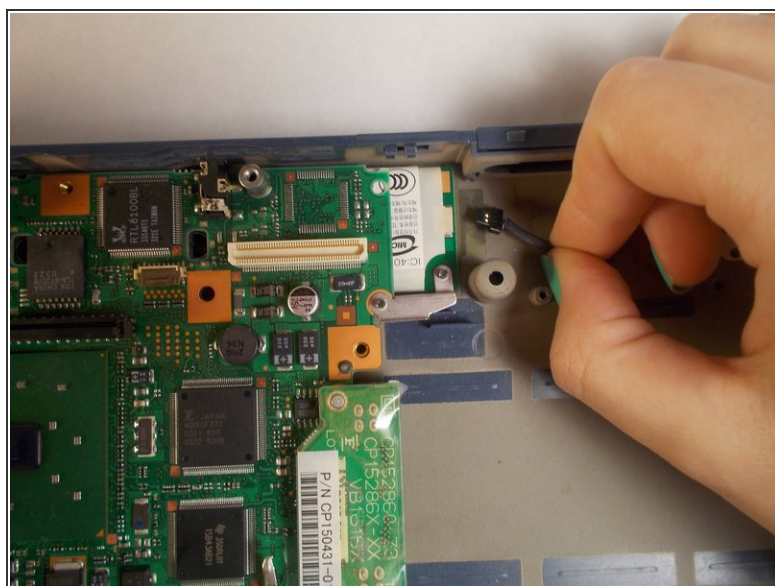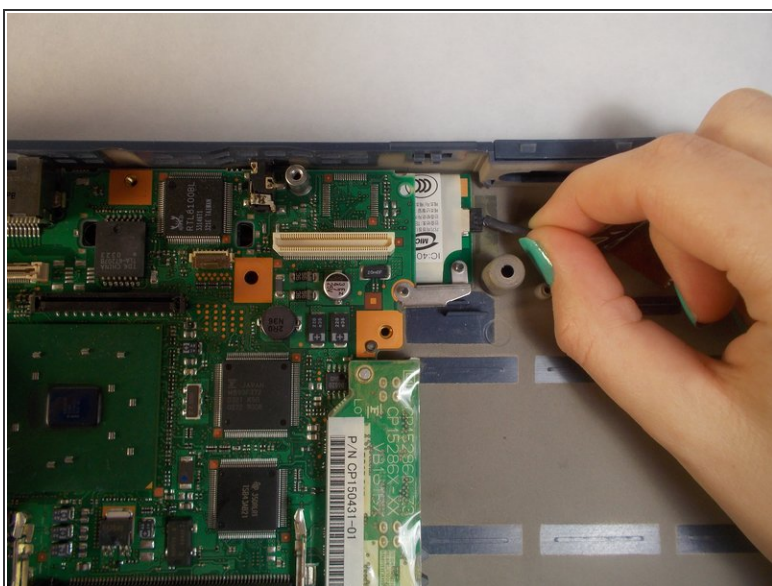
Step 16

- Remove the metal plate covering the motherboard.

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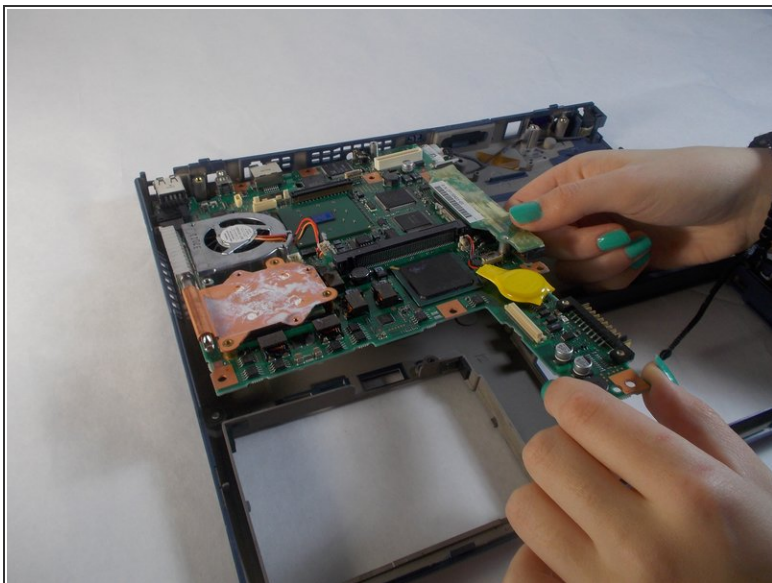
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Step 17

- Remove the 3.5mm screws with a Philips head #0.

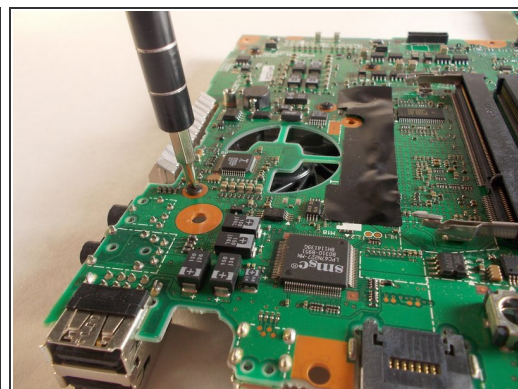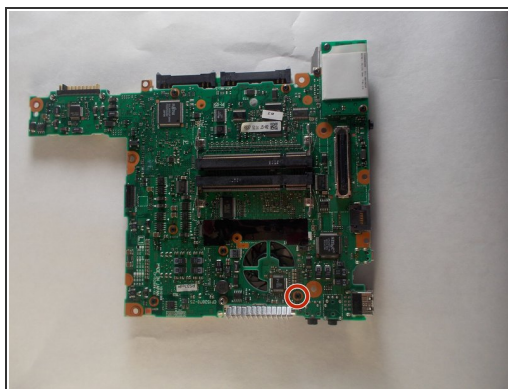- Remove the metal bracket and other pieces that rely on it for structure.

Step 18

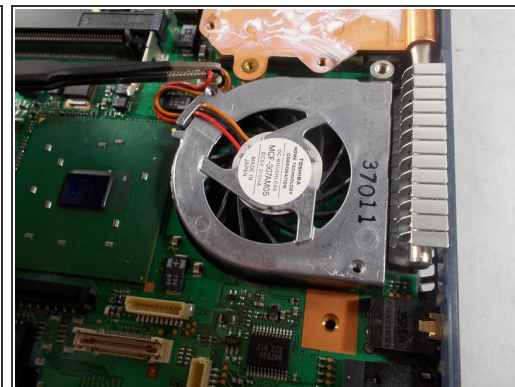- Pinch your fingers around the base of the connector and pull it out.

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Step 19

- Lift the motherboard off the plastic base.
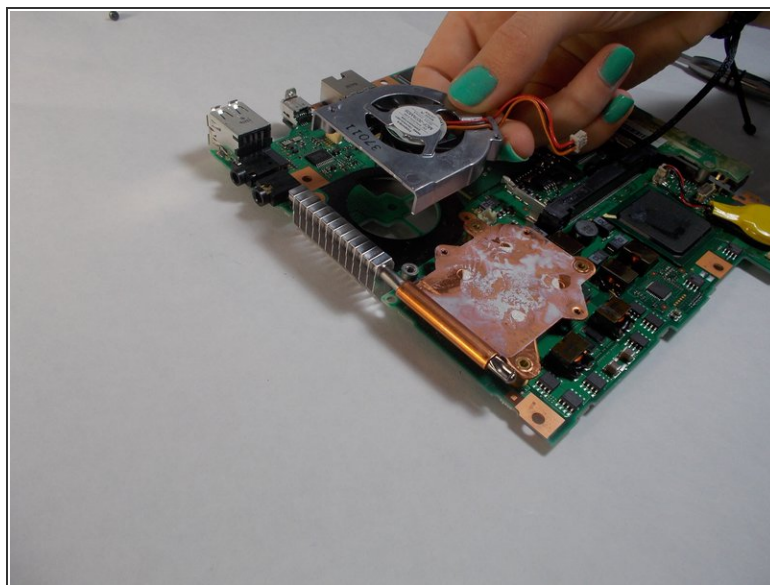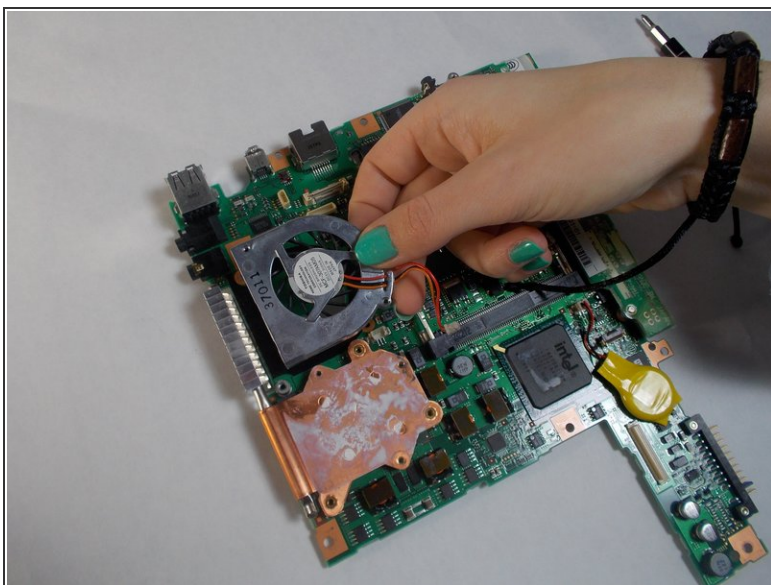
Step 20 — Fan

- Using a Philips head size #0 remove the 3mm screw on the back of the motherboard.

Step 21

- Using tweezers detach the cable from the motherboard.

Step 22

- The fan can now be removed from the motherboard.

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