



Gateway KAV60 LT2016U Netbook Cooling Fan Replacement

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INTRODUCTION

This is a repair guide on how to remove the cooling fan. Reasons to replace this part are it is making a lot of noise, it is damaged, it may have melted from overuse of the laptop, or the software the computer is running is too powerful.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
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Step 1 — Battery



- Unlock the button in the top left on the back of the laptop (So the red is showing).

Step 2



- The battery should be able to be removed easily now.

Step 3 — Cooling Fan



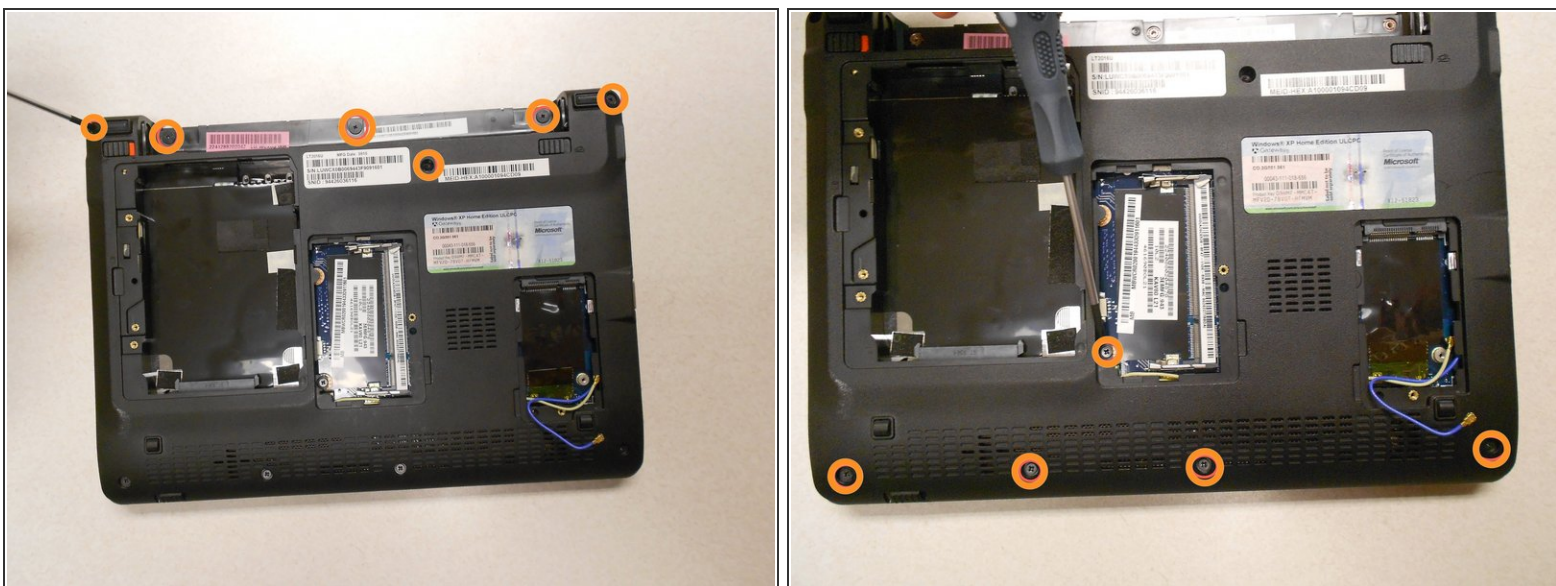
- Start by first removing the battery of the device.

Step 4



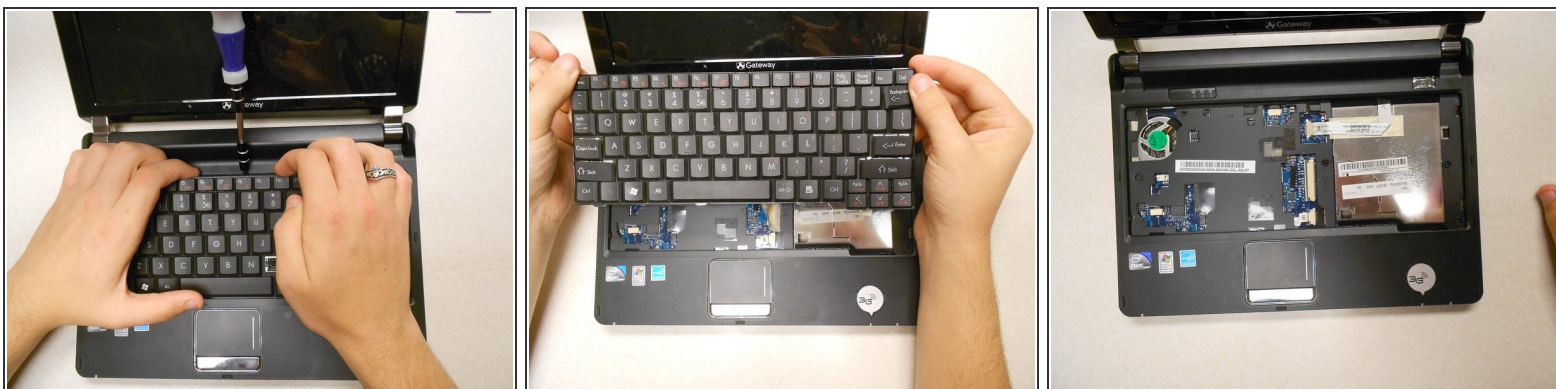
- Next remove the RAM, hard drive, and wifi card before continuing so they aren't damaged.

Step 5



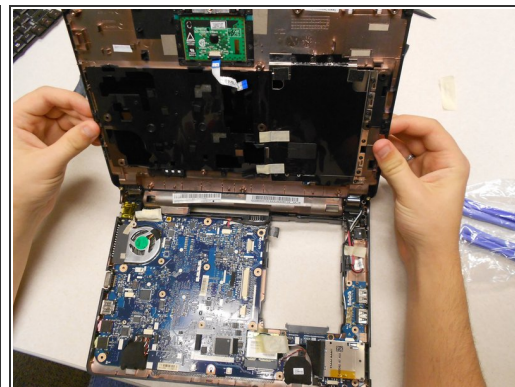
- Remove all 11 of the screw shown on the bottom of the lap top using the specified screw driver.

Step 6



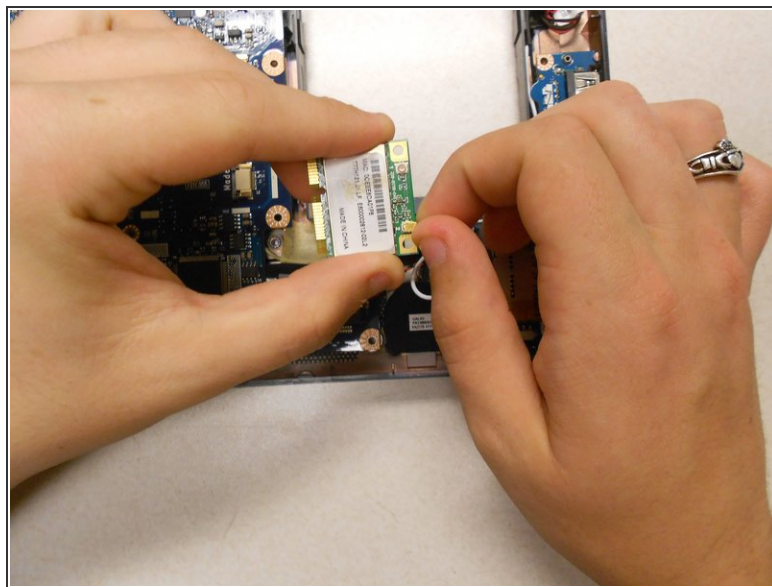
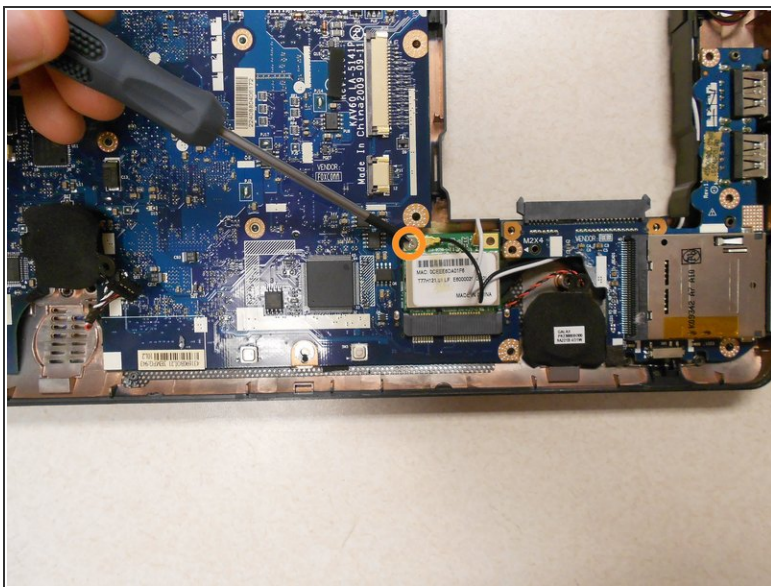
- Lift off the keyboard by doing exactly what is shown in the first picture. Get the head of the plastic opening tool under and then wedge it out.

Step 7



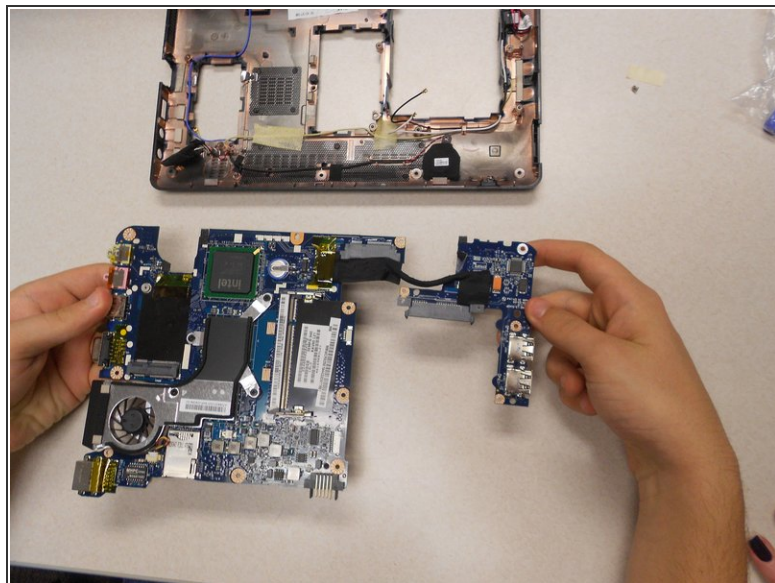
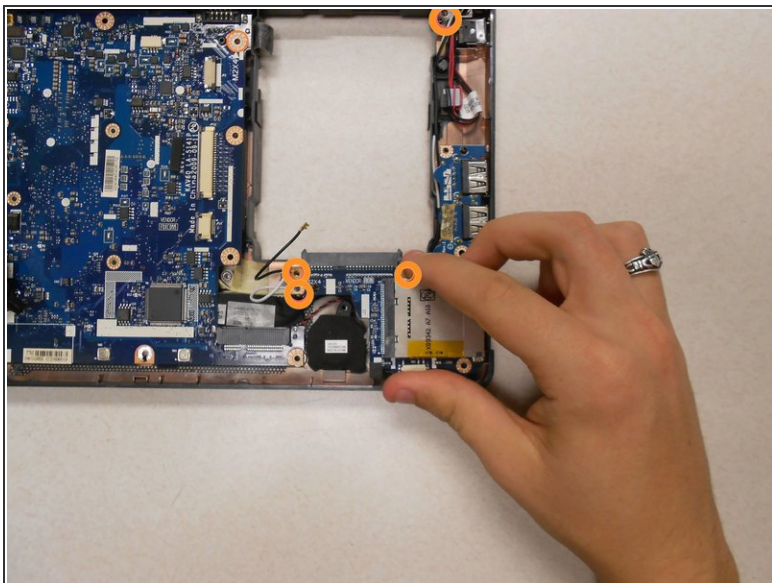
- Remove the 5 circled screws with the Phillips #0 screw driver.
- Carefully separate the back cover from the front either using your hands or a plastic opening tool.

Step 8



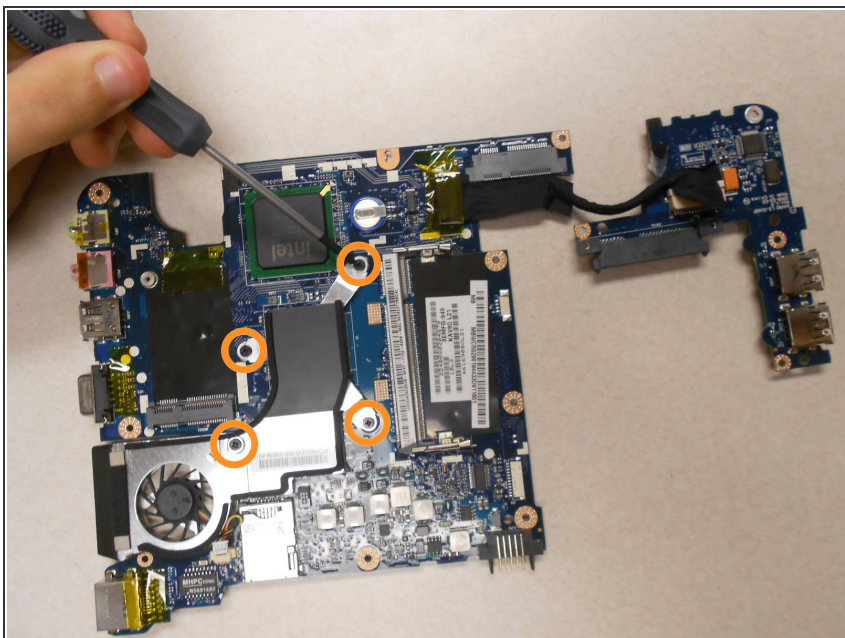
- Unscrew this 1 screw to remove the wifi card.
- Then unplug the wires it is attached to and take it out.

Step 9



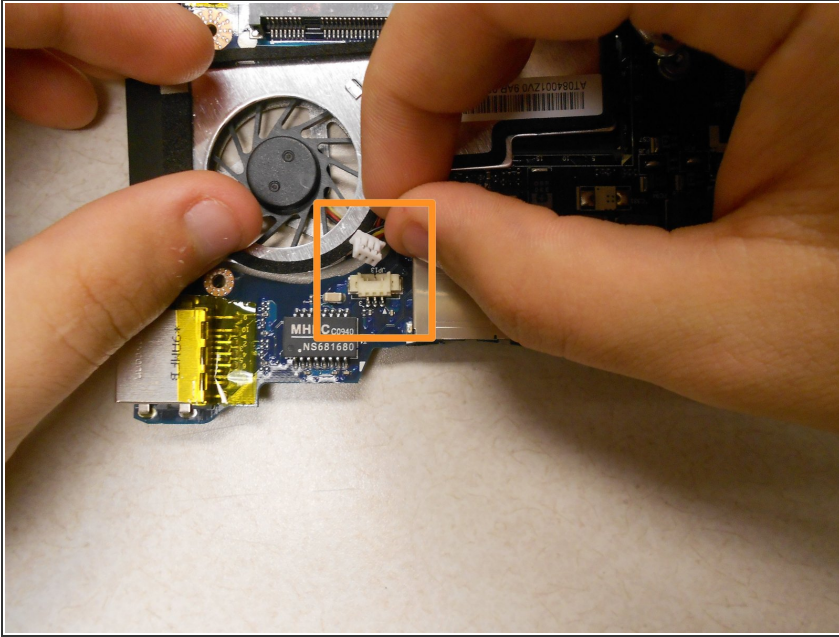
- Use the phillips #00 screw driver to remove these 3 small screws so the motherboard can be removed.
- Then remove it from the base of th computer.

Step 10



- Use the Phillips #00 screw driver to remove the 4 circled screws.

Step 11



- Disconnect the wires from the motherboard.
- The fan should now be fully disconnected and ready to replace.

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