



Gateway MA6 Laptop Cooling Assembly Replacement

Access the cooling assembly on your laptop to prevent overheating due to a dirty or faulty fan.

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INTRODUCTION

The cooling assembly is made up of a cooling fan and a large piece of copper to help dissipate heat out of the bottom of your laptop. Over time, the fan can wear out and it will need to be replaced.

TOOLS:

- Phillips #0 Screwdriver (1)

Step 1 — Cooling Assembly



- Loosen the seven 6 mm Phillips #0 screws on the back of the case.
- *(i)* Leave all the screws in the back plate and so you don't lose them.

Step 2



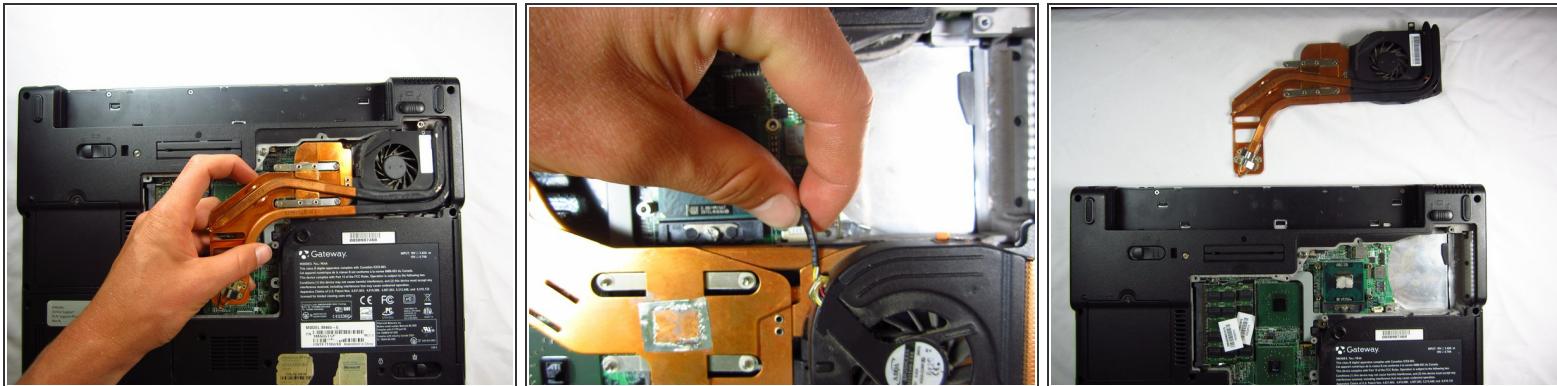
- Pull upwards on the top of the back cover to remove it.

Step 3



- Remove the four 9 mm Phillips #0 screws from the cooling assembly.

Step 4



! Gently and carefully remove the cooling assembly to avoid ripping the wire attaching it to the computer.

- Gently flip the cooling fan assembly upside-down on the computer surface.
- Carefully grab the wire attached to the computer and pull away from the port.

i The cooling fan is now safe for removal.

Step 5



- When reinstalling heat sink and fans clean off the old thermal paste from both the heat sink and the CPU and then add new paste to CPU

i If you are unfamiliar with applying thermal paste [How to Apply Thermal Paste](#)

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