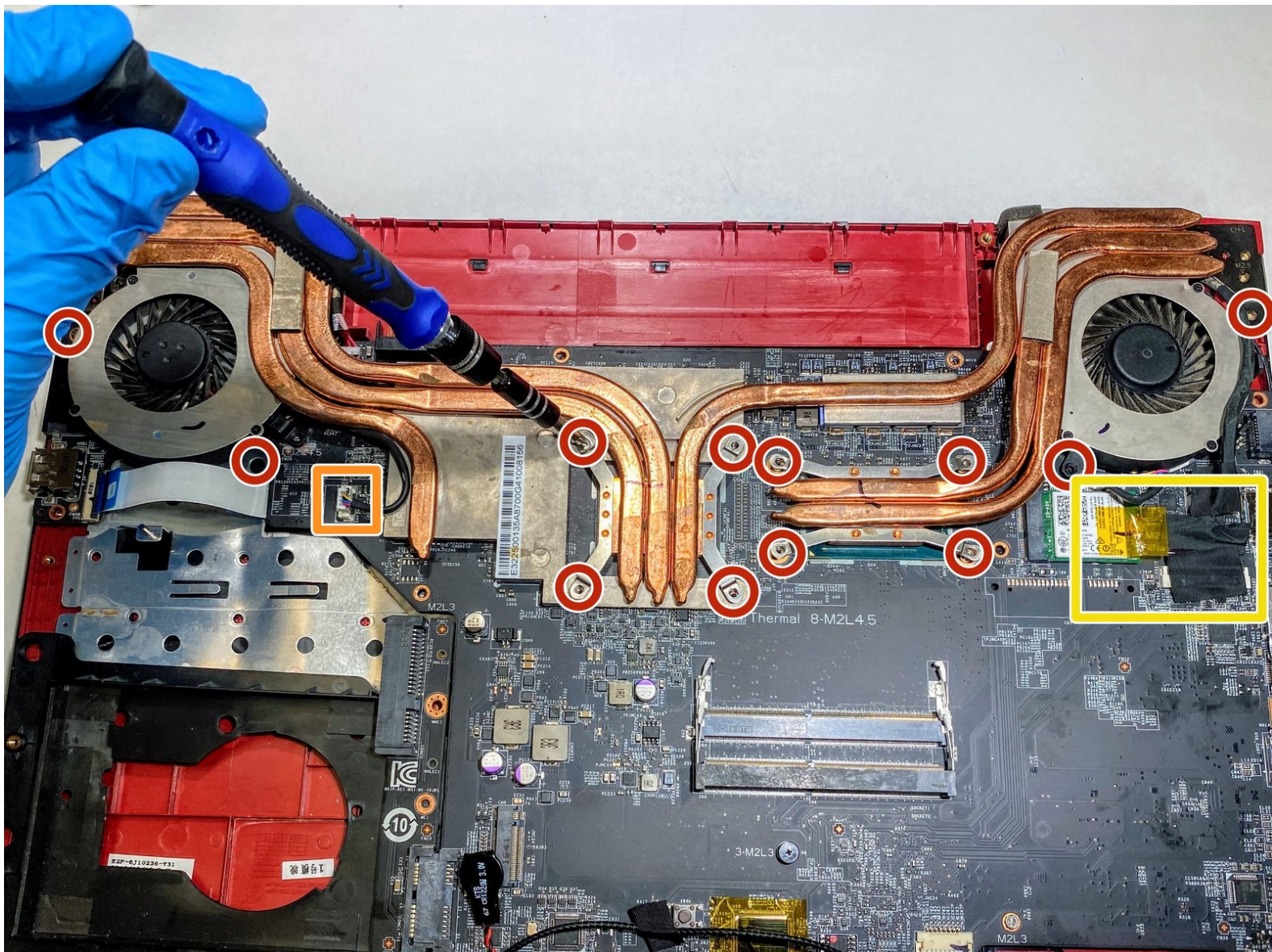




MSI GP62MVR 6RF Leopard Pro Heatsink Replacement

This guide will show you how to replace the heatsink in the MSI GP62MVR 6RF Leopard Pro laptop.

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INTRODUCTION

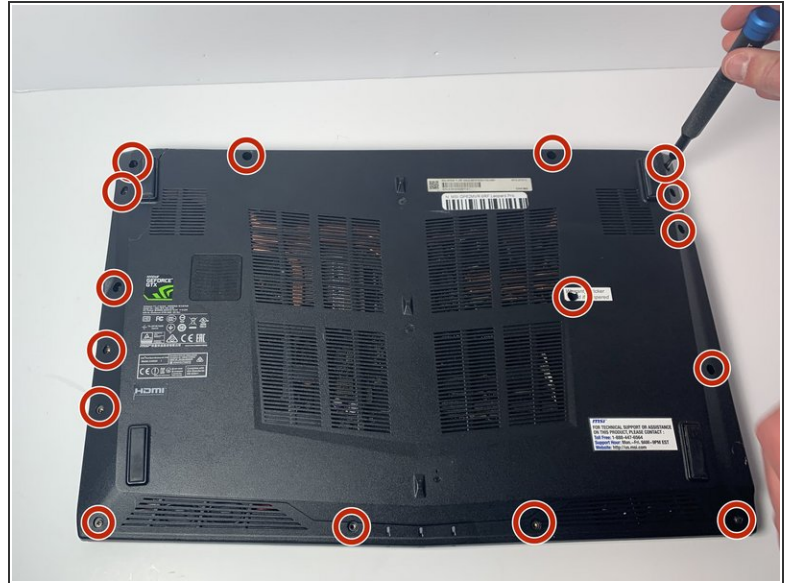
If your laptop is running too hot or isn't properly cooling down, the heatsink may need to be replaced. Follow the instructions in this guide to remove and replace the heatsink in your MSI GP62MVR 6RF Leopard Pro laptop.



TOOLS:

- [Jimmy](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
-

Step 1 — Bottom Cover



- Place the laptop upside down.
- Remove the sixteen 5.5 mm screws with a Phillips #0 screwdriver.

Step 2



- Use the Jimmy tool to evenly pry loose the bottom cover.
- Ensure that all sides are detached from the plastic hinging before attempting to remove the bottom cover.

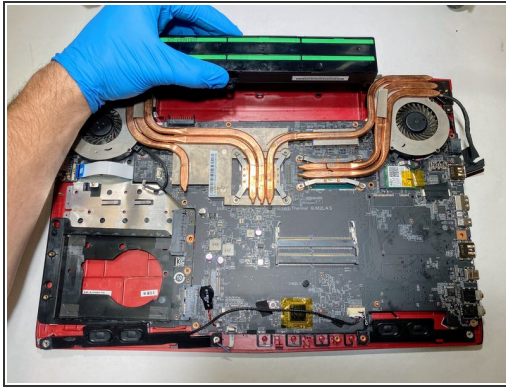
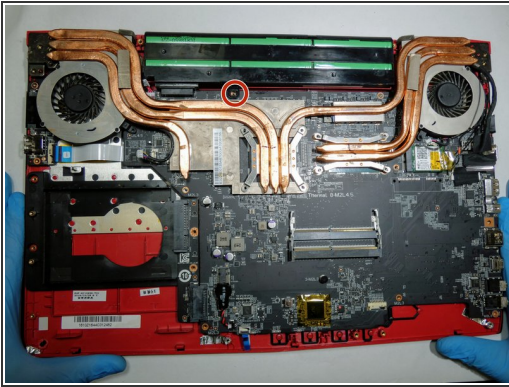
Step 3



- Remove the back cover.

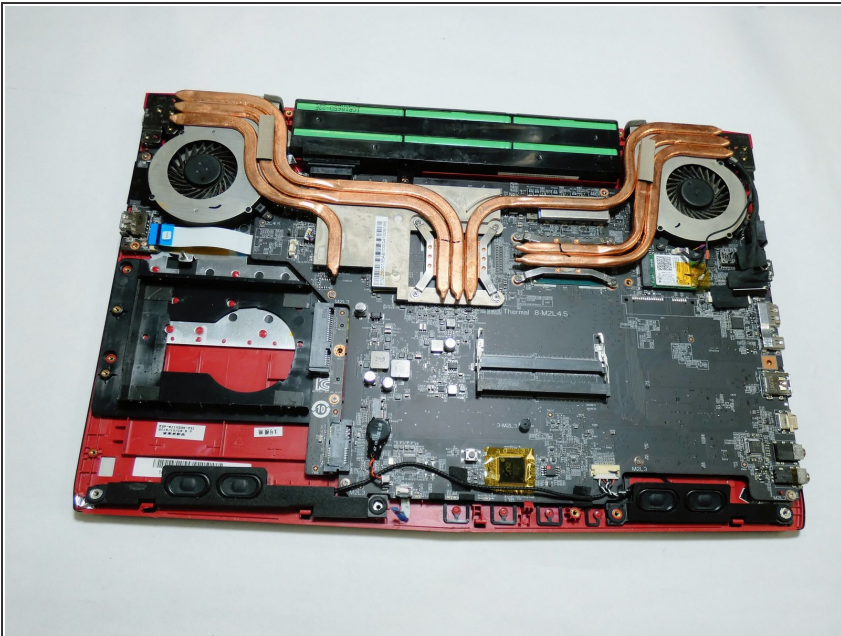
⚠ Touching circuitry could damage components or result in personal shock; it is recommended that you now wear latex gloves to prevent both issues.

Step 4 — Battery



- Using a Phillips #0 Screwdriver, remove the single 5.5 mm screw fastening the battery to the body of the computer.
- Remove the battery from the device.

Step 5 — Speakers



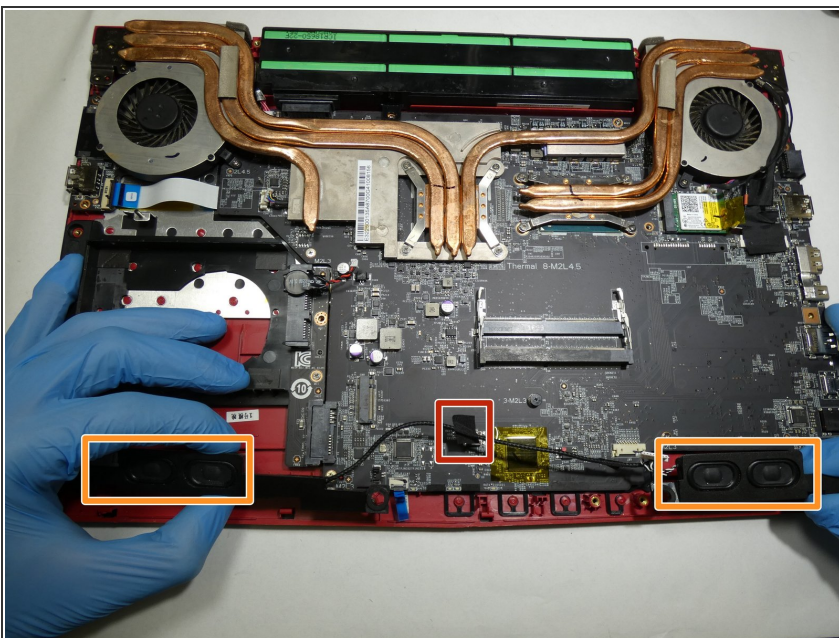
- Reorient the computer, if necessary, with a 180 degree turn so that the speakers face you.

Step 6



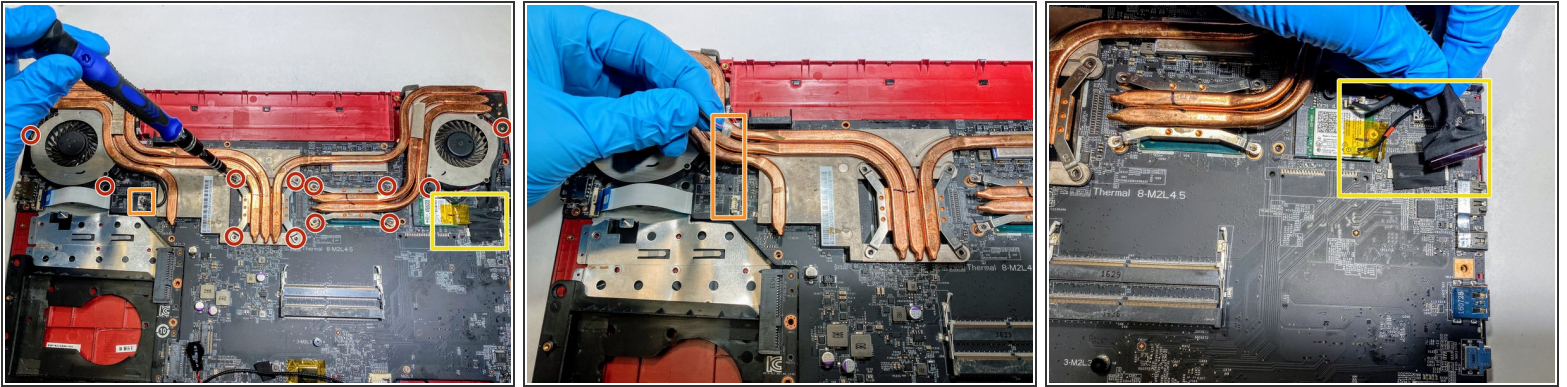
- On the front panel near the right speaker, there is a connection from the motherboard to the speakers.
- Detach the white and black wiring from the clip.

Step 7



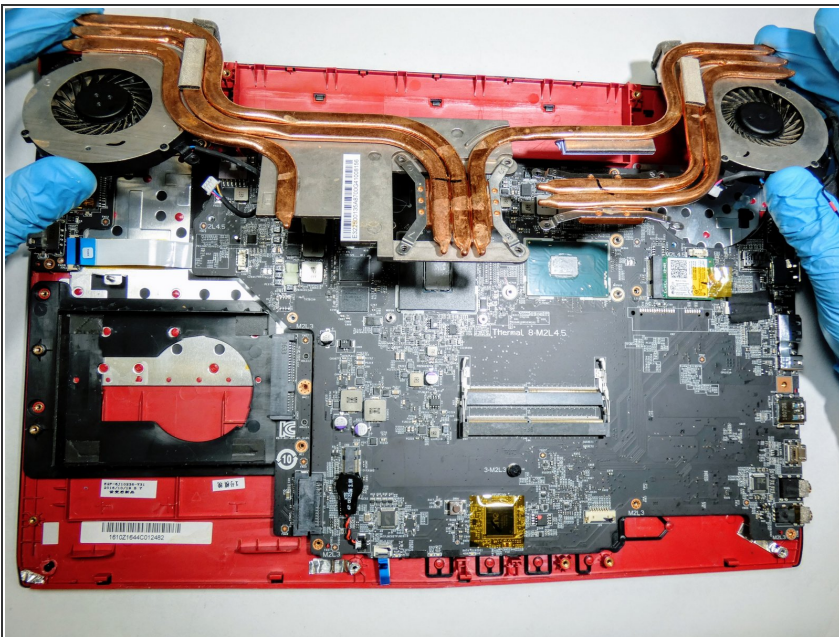
- Peel back the electrical tape holding the speaker wire in place.
 - Remove the speakers from the front panel, pulling upward.
- i** Note that the screws holding the two speakers down were already removed during the bottom cover removal.

Step 8 — Heatsink



- Using a Phillips #0 screwdriver, remove twelve 4.5 mm screws fastening the heat sink to the motherboard.
- Unclip the red, blue, and black intertwined wire gently from the left side of the motherboard.
- Detach the black and red wire from the right side of the motherboard, as well as peel away the black tape connecting the large black wire to the motherboard.

Step 9



- Remove the heatsink from the device.

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

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