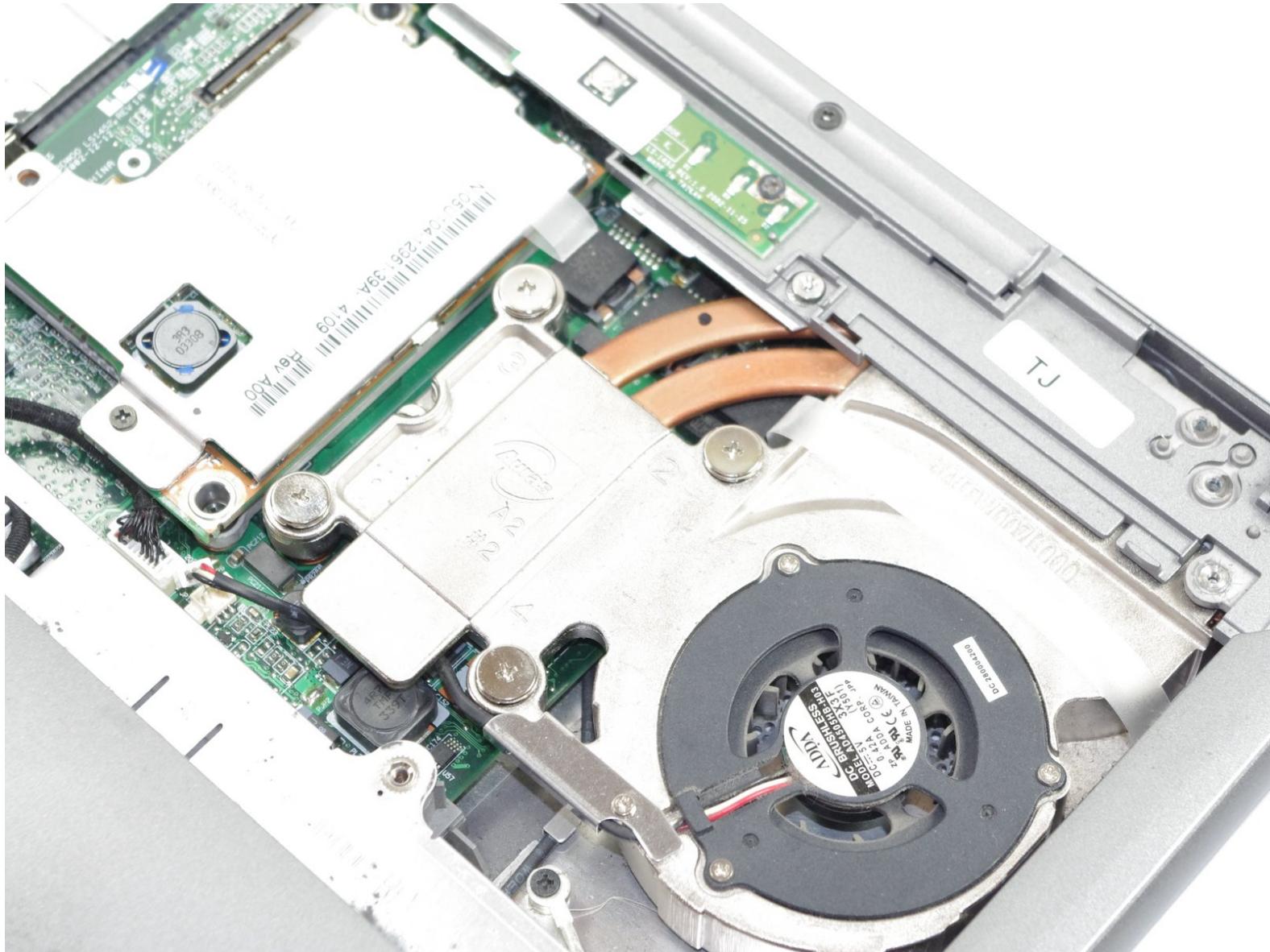




Dell Inspiron 5100 PP07L Heatsink Replacement

If your laptop overheats and turns off automatically, you probably need to check the heatsink if it's damaged or clogged up with dust.

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INTRODUCTION

You would need to be removing the keyboard to access the heatsink and fan. If you need to, add a new layer of [Arctic Silver Thermal Paste](#).

TOOLS:

- [Phillips #1 Screwdriver](#) (1)
- [Spudger](#) (1)

Step 1 — Keyboard



- Remove battery
- Open screen so that it lies flat.

Step 2



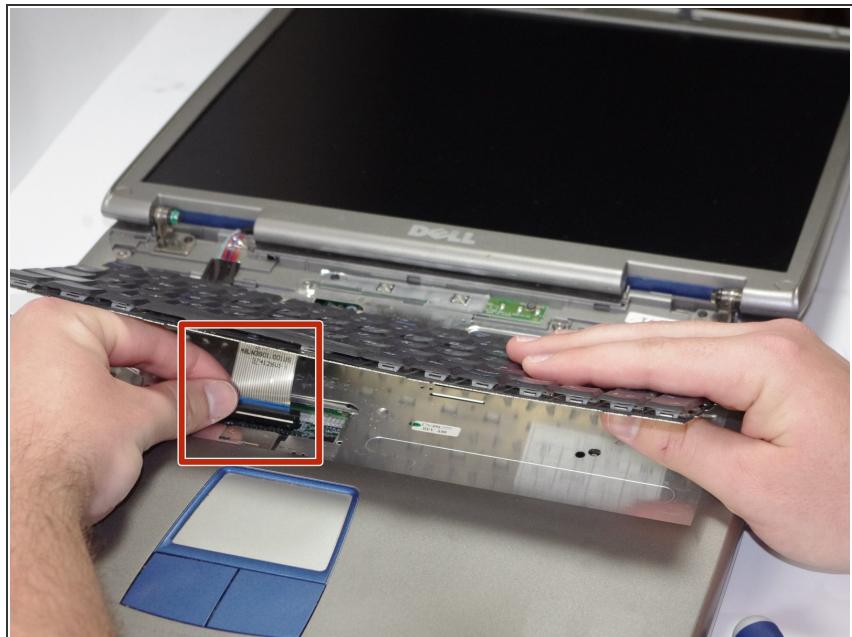
- Starting from the right side of the hinge cover, use the flat end of the spudger to pry up the hinge cover and gently remove it.

Step 3



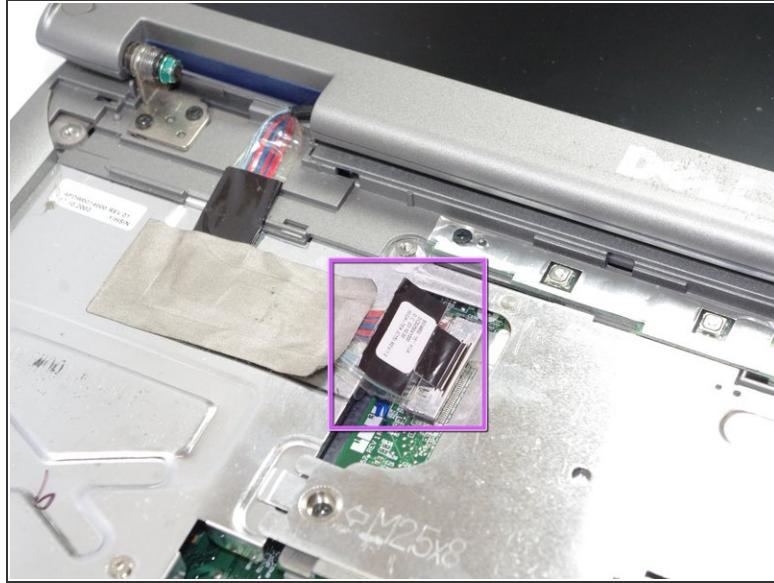
- Using a Phillips screwdriver remove the four M2 x 3-mm screws holding in the keyboard.

Step 4



- Lift keyboard and detach the interface connector.
- Take extra care when removing and handling the keyboard. The key caps on the keyboard are fragile and easily come off.*

Step 5 — Heatsink



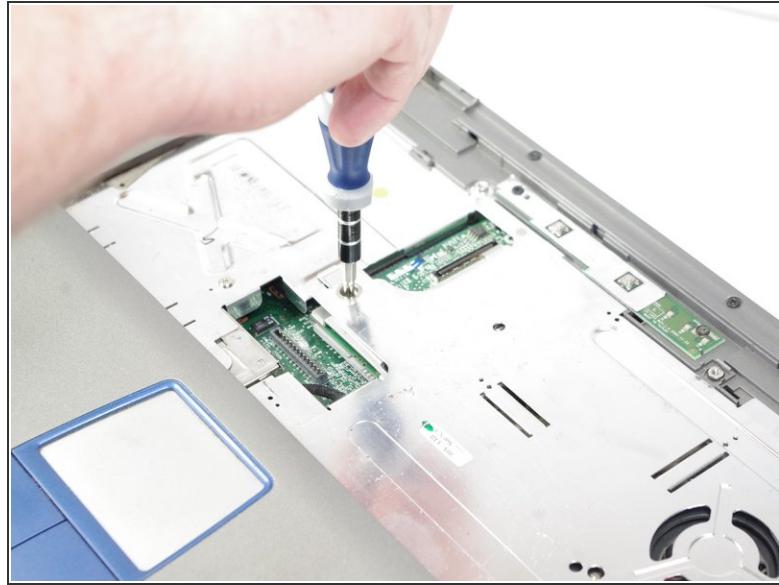
- Detach screen connector

Step 6



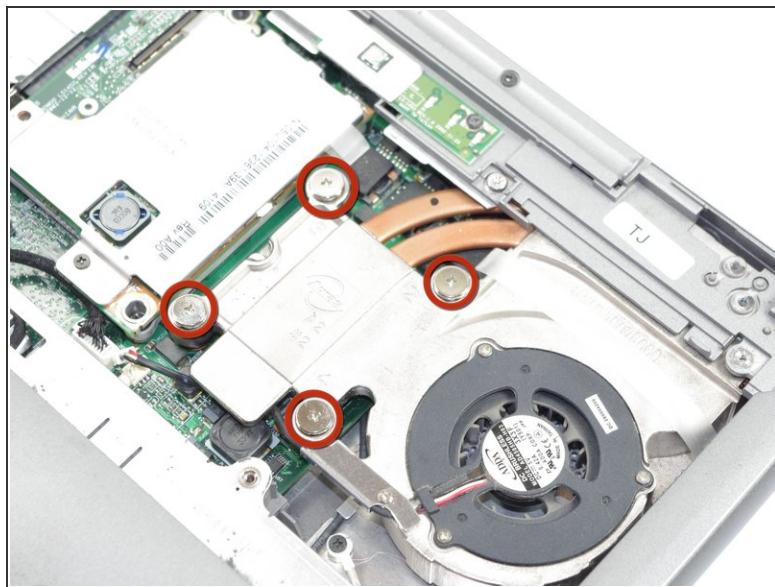
- Remove two screws (5.8mm) located behind the screen.

Step 7



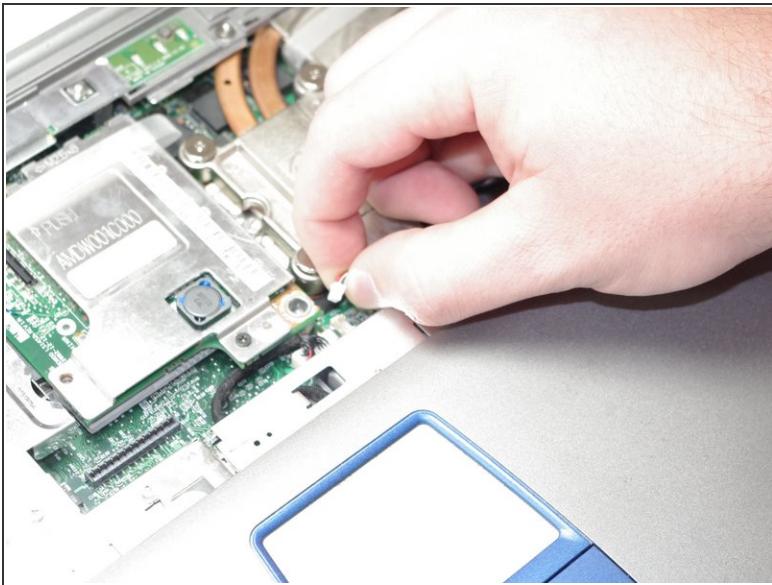
- Remove one screw (8.6 mm) on metal plating.
- Remove the metal plating

Step 8



- Loosen four screws.
- *(i)* These screws are attached to the heat sink and cannot be completely removed.

Step 9



- Disconnect the wire connecting the heatsink to the motherboard.

Step 10



- Slide the heatsink away from the screen and lift.

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