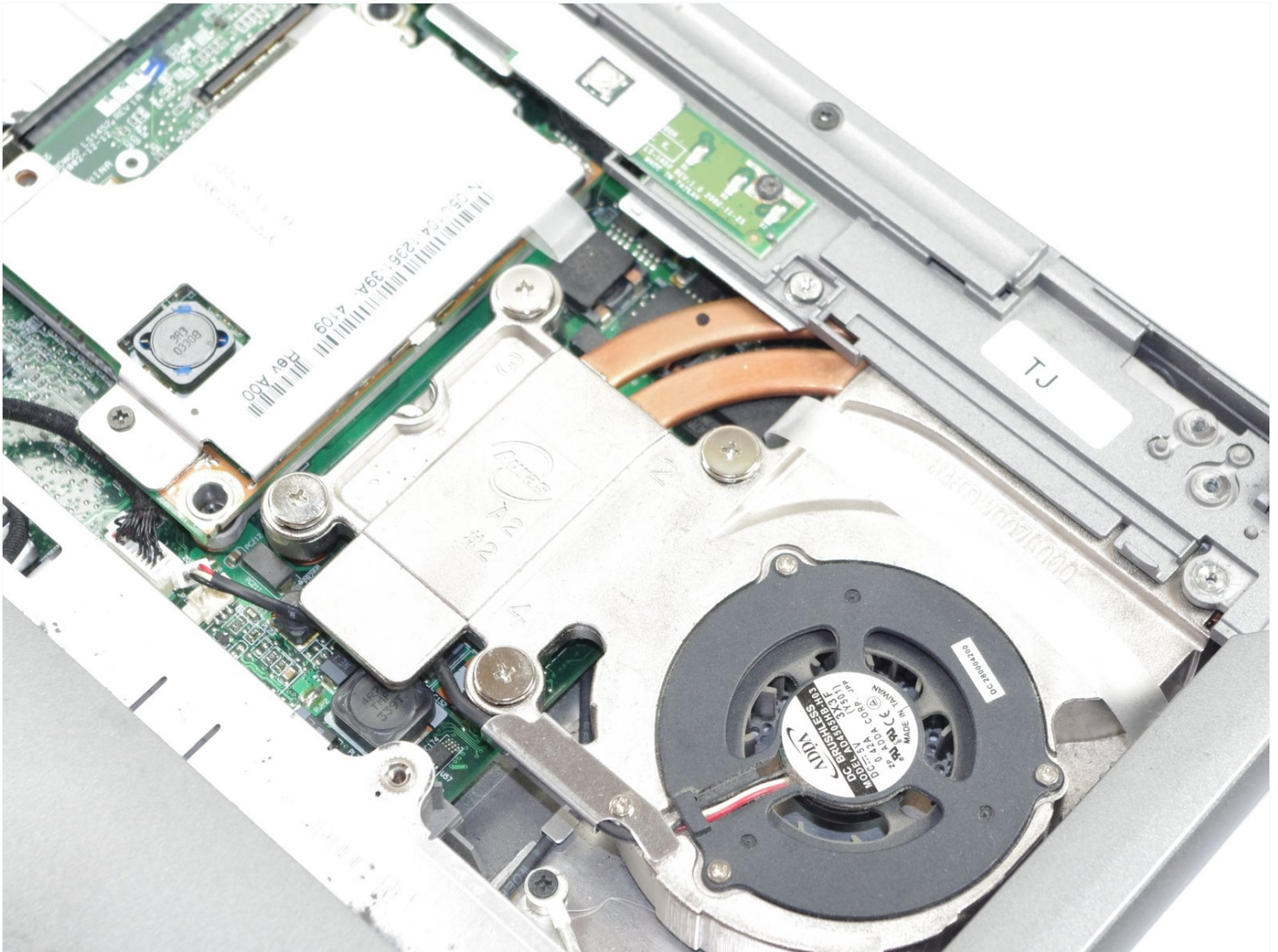




Dell Inspiron 5100 PP07L Heatsink Replacement

You would need to be removing the keyboard to...

Written By: May Chauvin



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



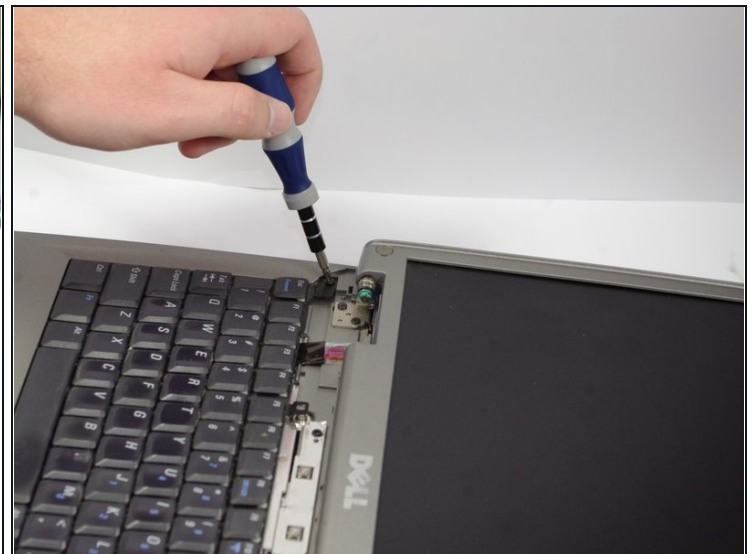
- Remove battery
- Open screen so that it lies flat.

Step 2



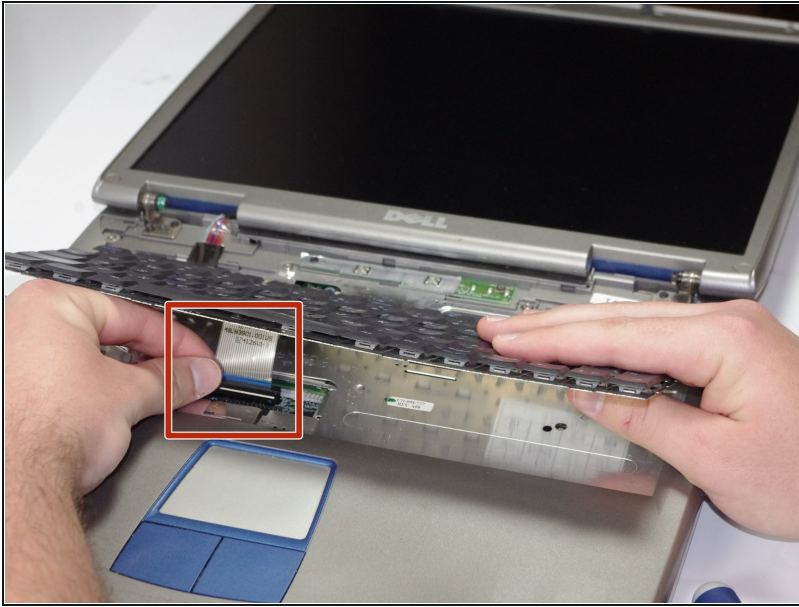
- Starting from the right side of the hinge cover, use the flat end of the spudger to pry up the hinge cover and gently remove it.

Step 3



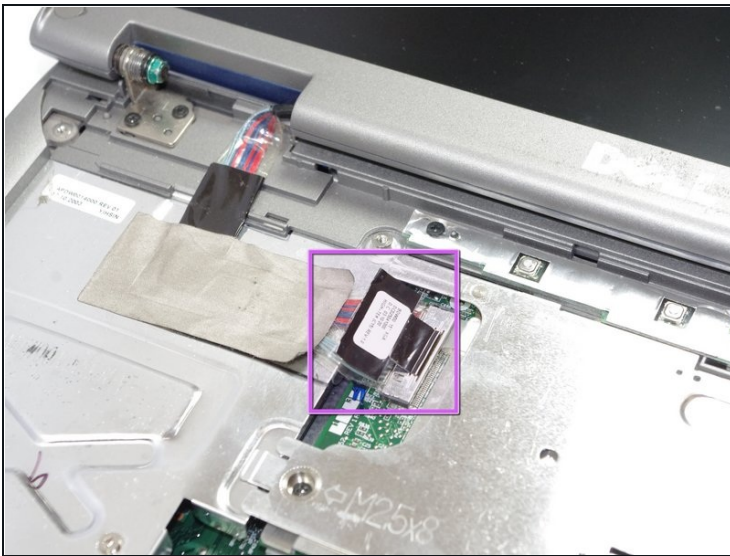
- Using a Phillips screwdriver remove the four M2 x 3-mm screws holding in the keyboard.

Step 4



- Lift keyboard and detach the interface connector.
- ① 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



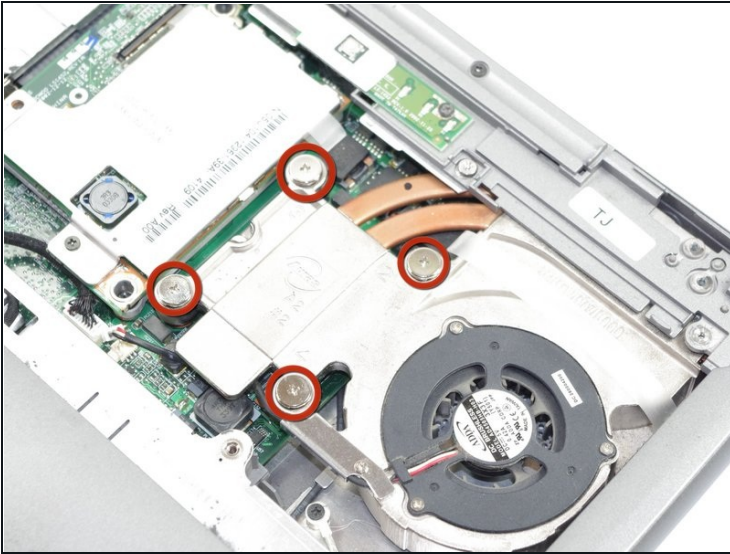
- Remove two screws (5.8mm) located behind the screen.

Step 7



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

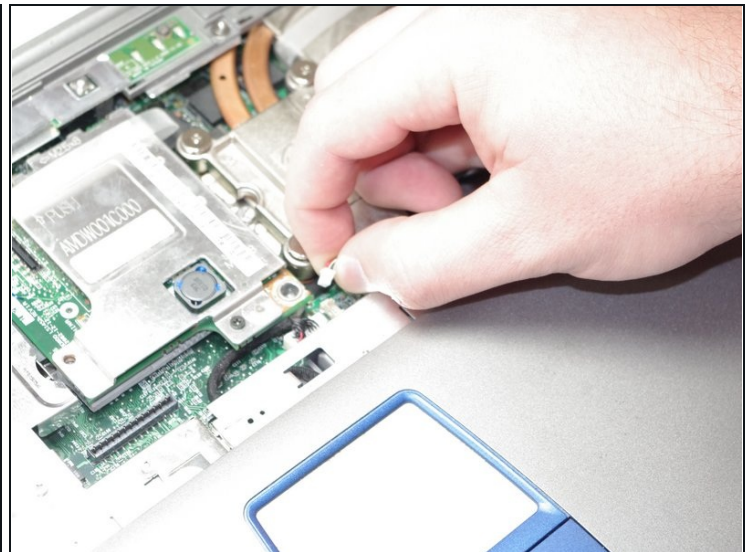
Step 8



- Loosen four screws.

ⓘ 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.