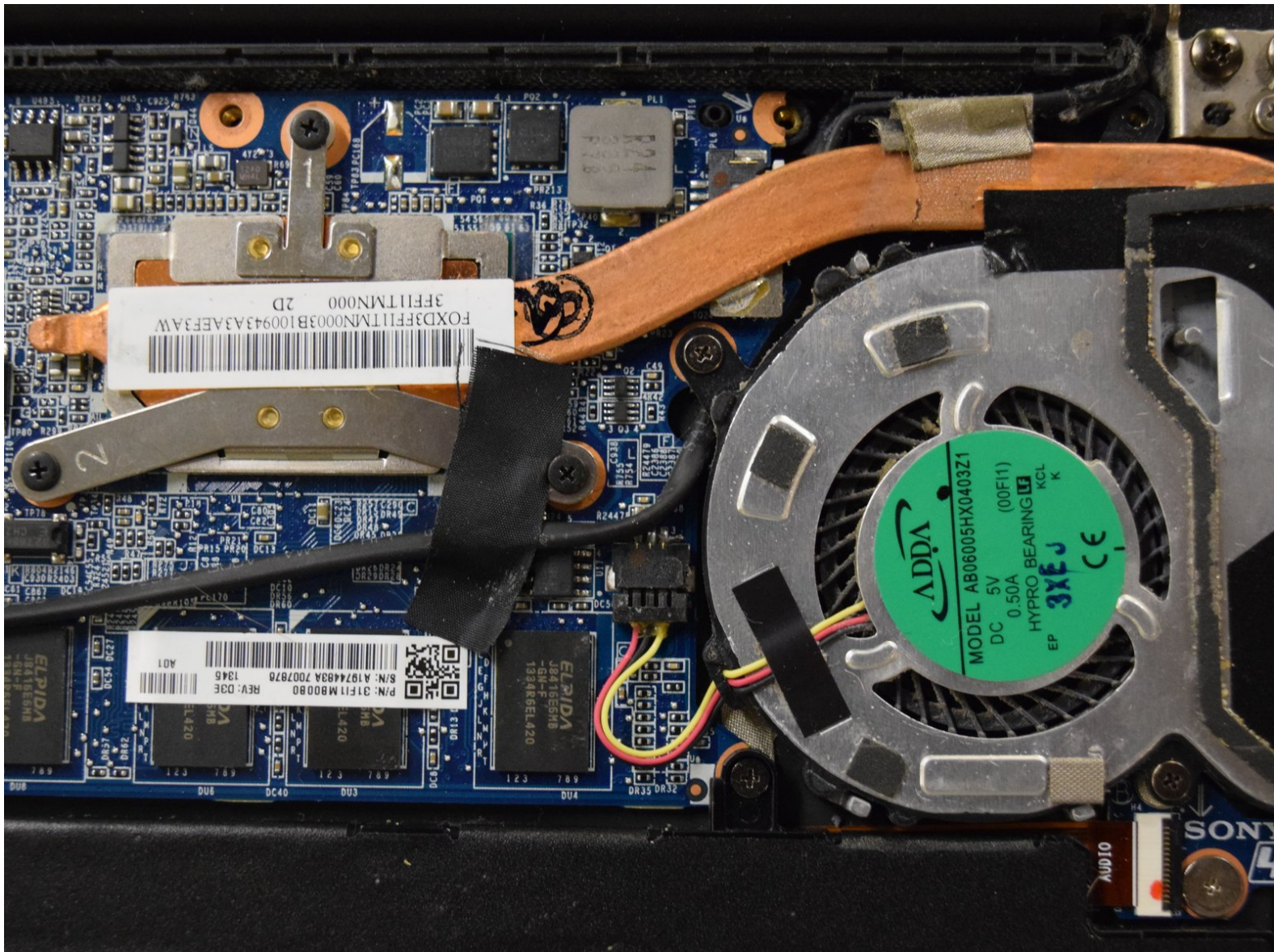# Sony Vaio Fit 13A SVF13NA1EL Fan Replacement

Before deciding your fan needs to be replaced, check the fan and vents for dust. If cleaning them was not successful, replacement may be necessary.

Written By: Olivia

INTRODUCTION

Laptop overheating? Fan making a lot of noise ? A fan replacement may be what you need.

🔧 **TOOLS:**

- Microfiber Cleaning Cloths (1)
- iFixit Opening Tools (1)
- JIS #1 (1)
- JIS #0 Screwdriver (1)
- Isopropyl Alcohol (1)

⚙ **PARTS:**

- Sony vaio fan with heatsink (1)

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Step 1 — Fan

- Begin by turning the laptop top-down on a flat surface.

- JIS #1 screwdriver to remove the 4 screws circled in red from the back cover

- Use a JIS #0 screwdriver to remove the 8 screws circled in orange

- (i) Many of these screws are located underneath the rubber pads on the device.

- ⚠ Keep track of the locations of the screws removed for ease of reassembly.
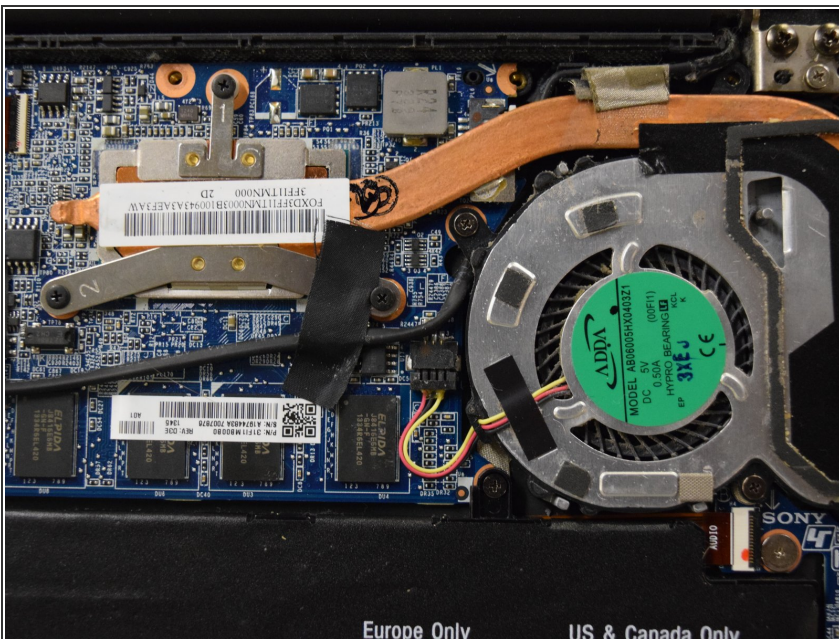
Step 2

- Use a spudger to help carefully remove the back cover from the laptop.

- ⚠ Be careful when around the ports and headphone jack to avoid causing damage to these components.

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Step 3

- Lift up back cover to access internal components of the laptop
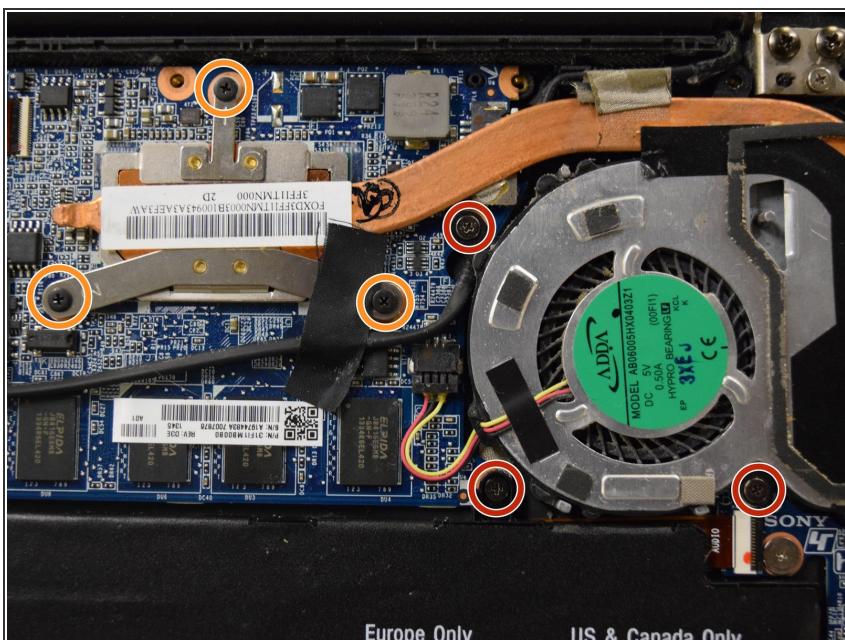
Step 4

- Gently dab isopropyl alcohol on a microfiber cloth and gently clean the fan blades before deciding it needs to be replaced.

- Follow the previous steps in reverse order to reassemble and test if the problem is solved.

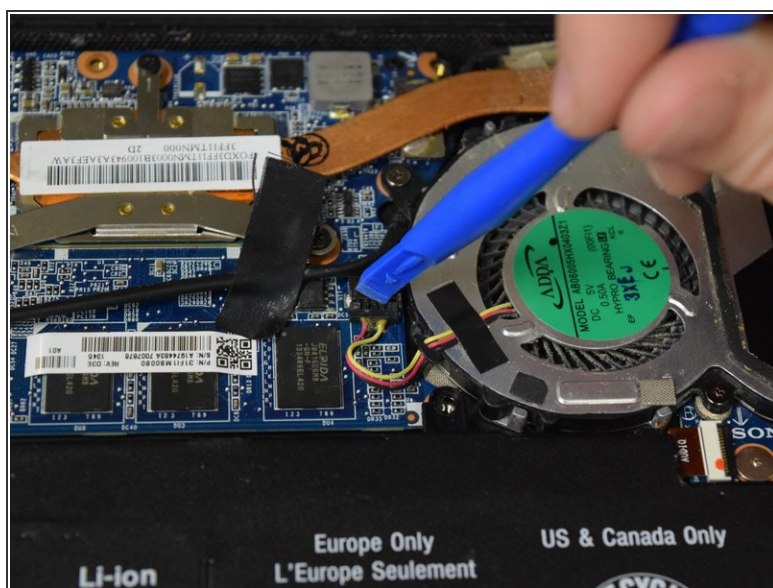This document was generated on 2020-03-26 07:33:02 PM (MST).

Step 5

- If cleaning the fan does not work follow steps 1-3 to remove the back cover of the laptop.

- Pull back the pieces of tape, and remove the 3 screws around the fan (red)

- Remove the 3 screws surrounding the attached heat sink (orange) with the screwdriver.

Step 6

- With the aid of a a spudger, carefully unplug the fan connector

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

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