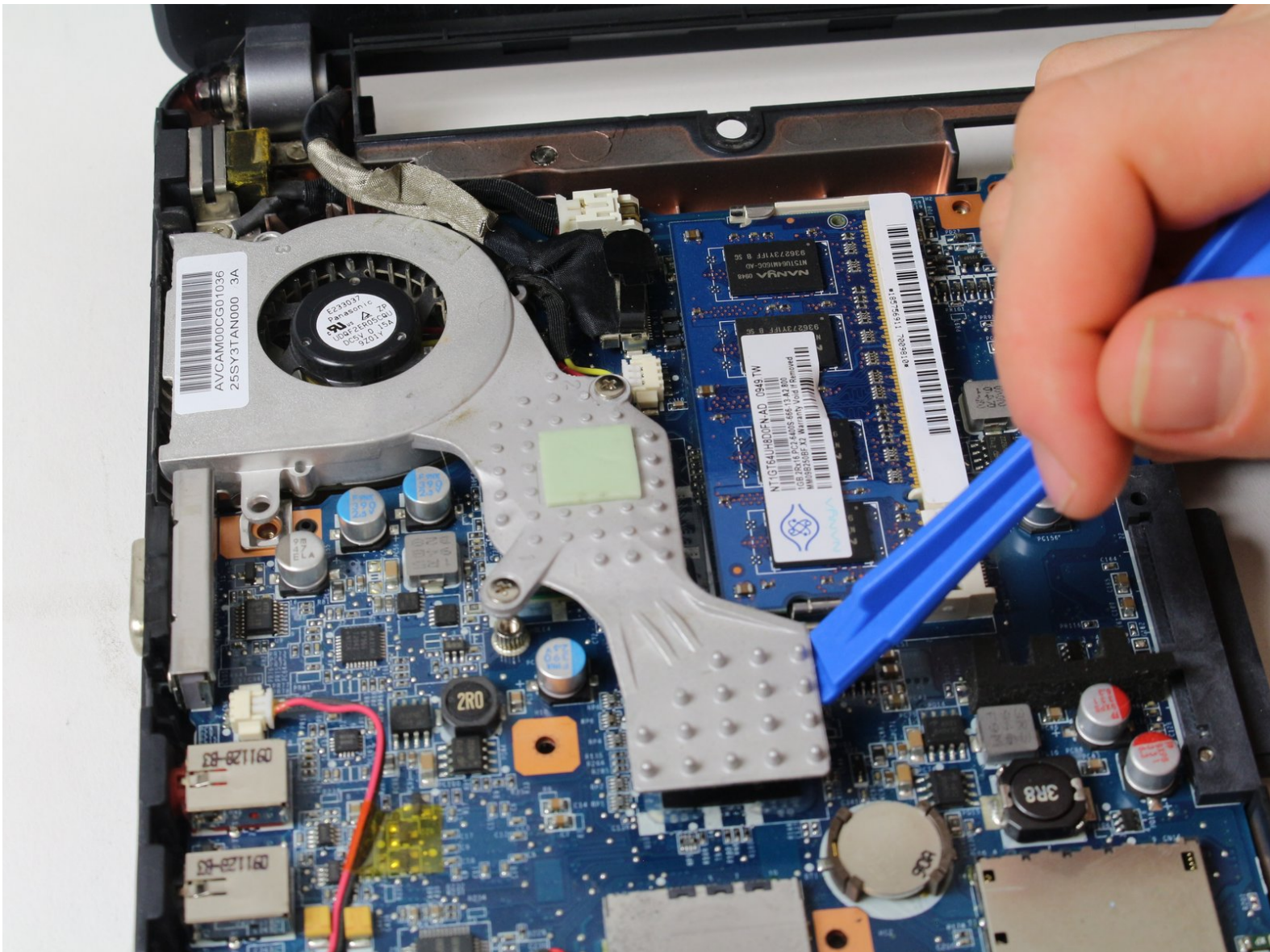




Sony Vaio VPCW211AX Fan Replacement

This guide will show you how to replace the fan in your Sony Vaio computer.

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INTRODUCTION

This guide will show you how to replace the fan in your Sony Vaio computer. You will need to have completed the keyboard replacement guide first.



TOOLS:

- [iFixit Opening Tools](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Metal Spudger](#) (1)



PARTS:

- [Sony Vaio T13 SVT13 Keyboard Black](#) (1)
- [Sony Fan](#) (1)

Step 1 — Keyboard



- Start with the laptop face up on a flat surface.

Step 2



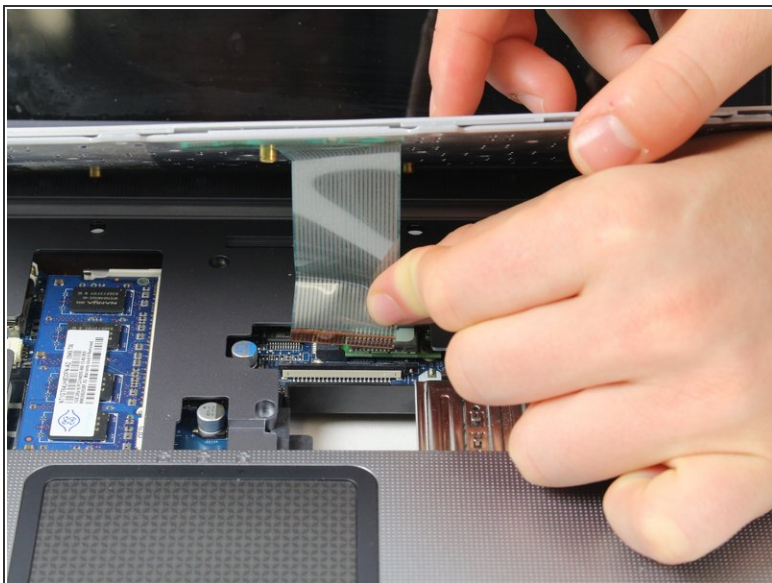
- Open the laptop with the keyboard facing you.

Step 3



- Use a plastic opening tool to pry up the keyboard. Start at the end closest to the screen.
- ⓘ Be careful around the edges; work your way around the keyboard until all of it is detached.
- ⚠ There will be a ribbon cable attached to the bottom of the keyboard. Be sure not to rip the cable when lifting the keyboard from the laptop frame.

Step 4



- Carefully detach the ribbon from the base of the computer with your hands.
- Remove the keyboard.

Step 5 — Fan



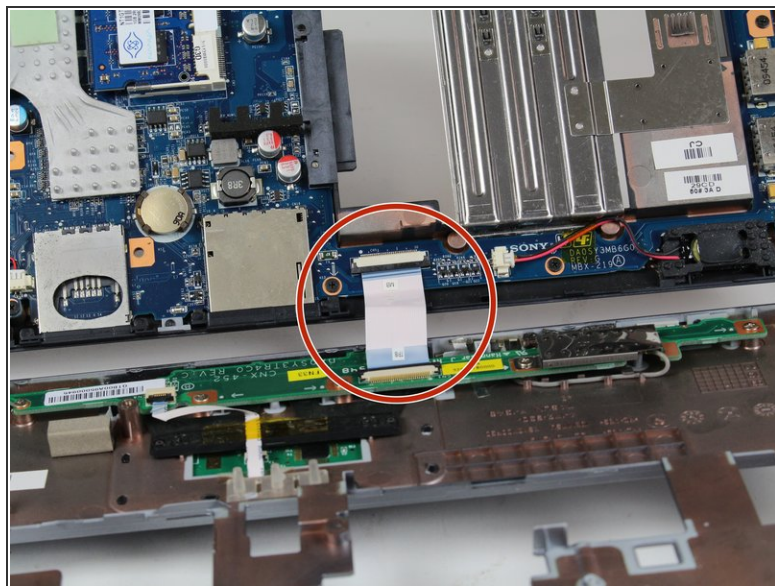
- Use a Philips #0 screwdriver to remove the 7 top case screws.

Step 6




- Using a metal spudger, pry open at the seams.
- Open the gray top of the laptop from the base black portion.
- Slide the spudger along the seam, and then carefully open the top.

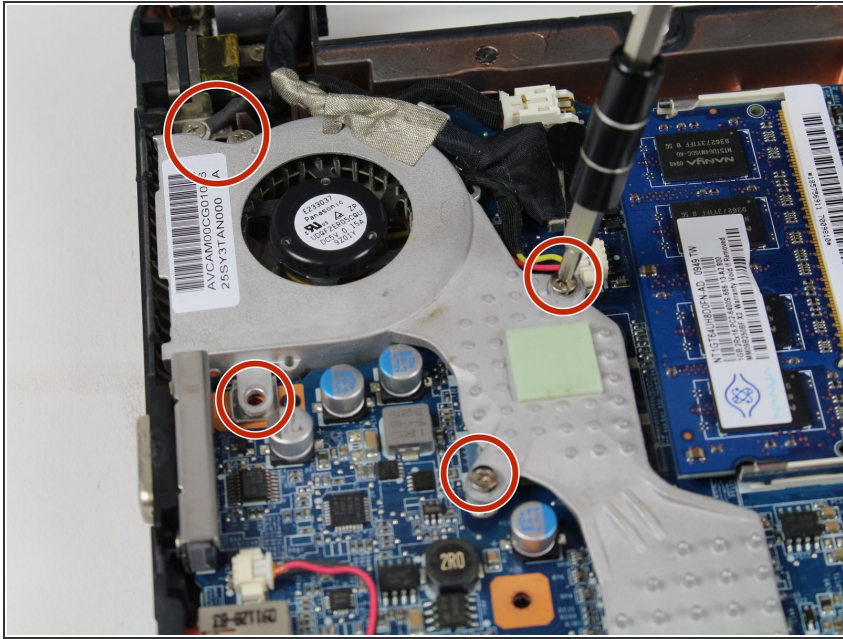
Step 7



- Open the top carefully without disconnecting the two parts.

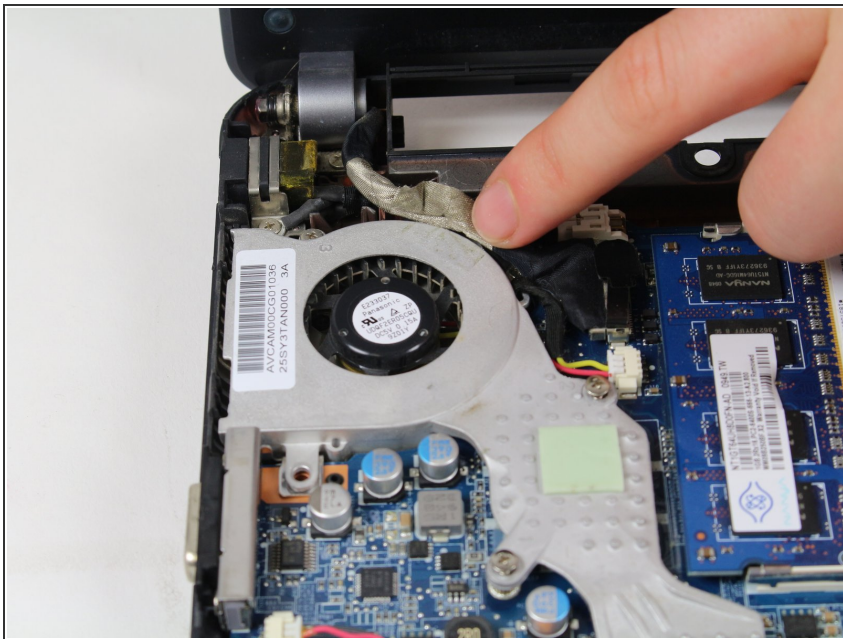
 Be mindful and careful of the ribbon cable attaching the two parts together.

Step 8



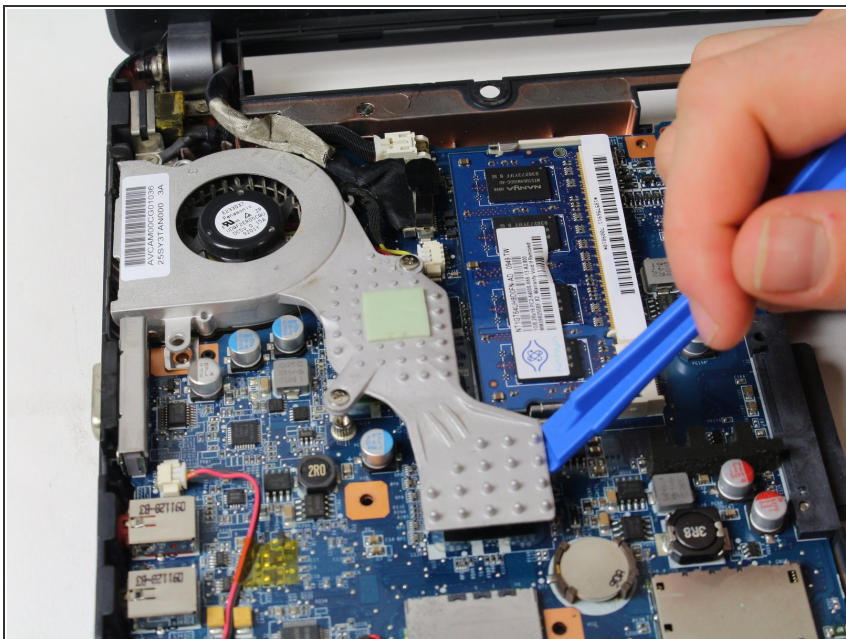
- Use a Philips #0 screwdriver to unscrew the 4 heatsink screws.

Step 9



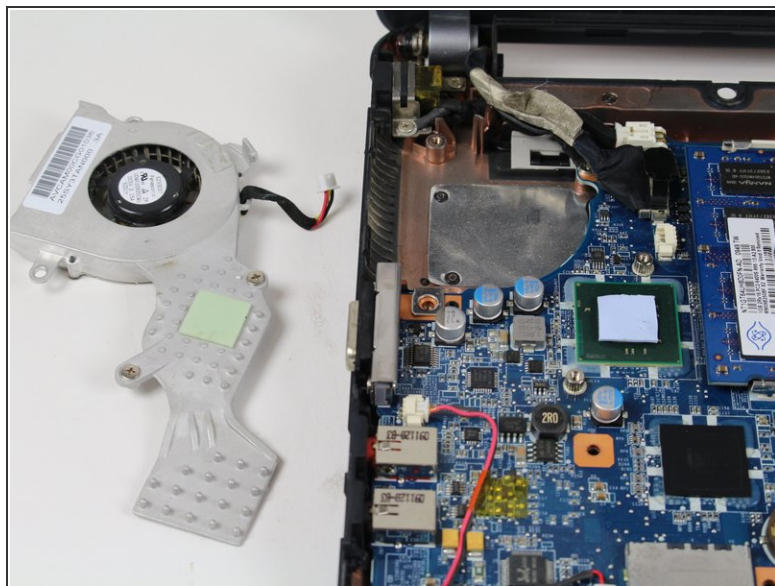
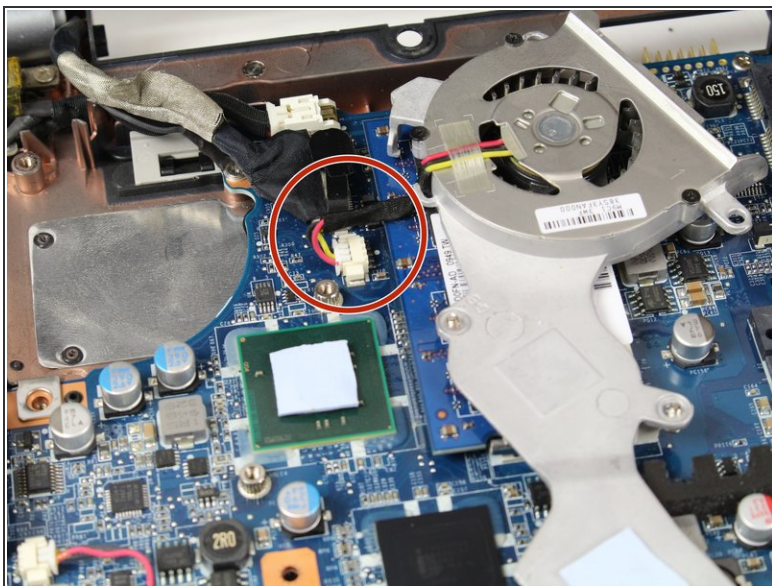
- If there is electrical tape, remove it with your finger.

Step 10



- Using the plastic opening tool, pry up the unscrewed fan.

Step 11



- The fan will still be attached by a small red and yellow wire, with your fingers detach this carefully.
- Remove the fan.

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