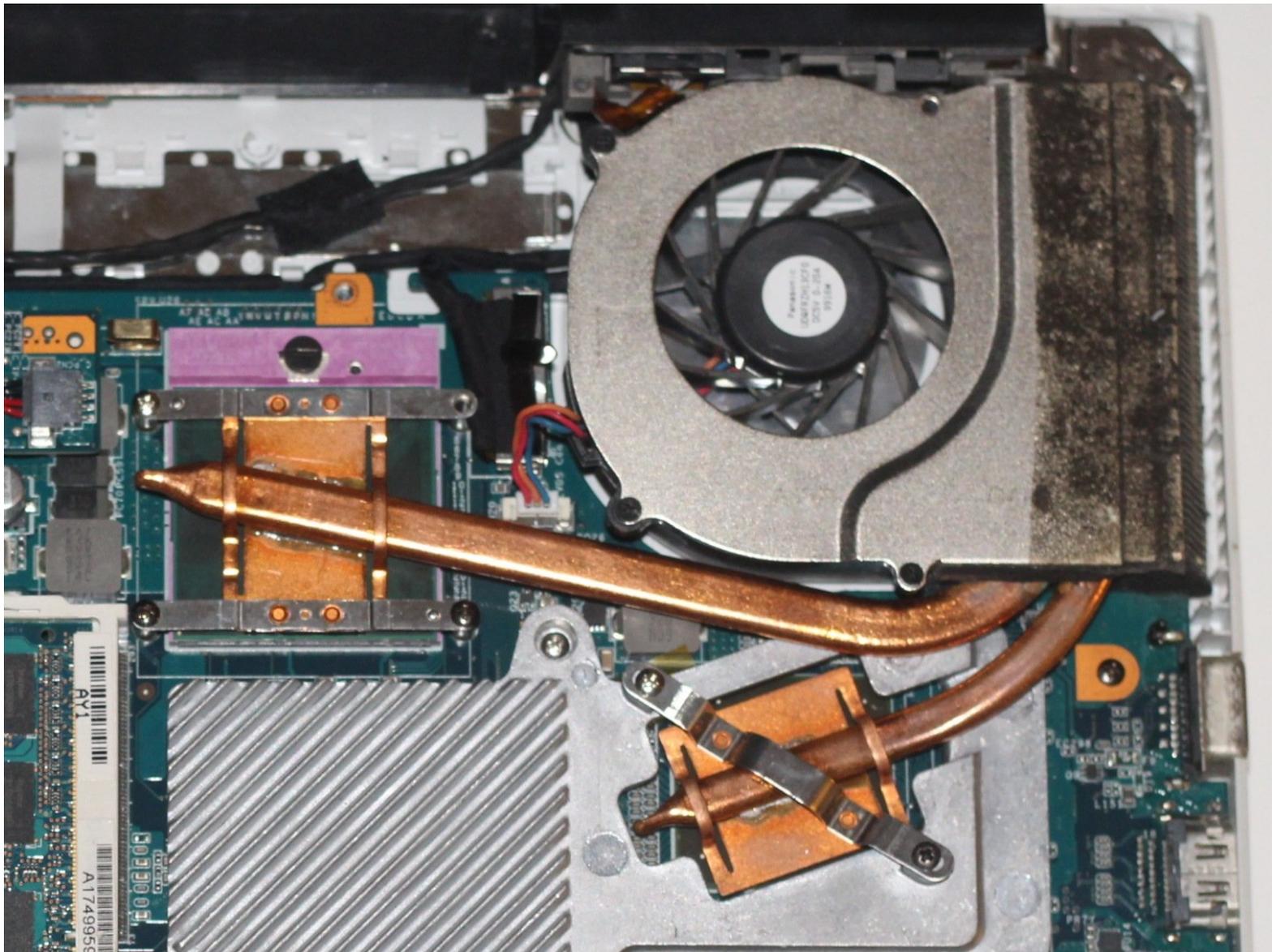




# Sony Vaio VPCCW17FX Fan Replacement

This guide provides users with a step-by-step...

Written By: Ellie DePorter



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## INTRODUCTION

This guide provides users with a step-by-step process for accessing and replacing the fan component. This guide will be helpful to users who need to clean the fan or replace a damaged fan.

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### TOOLS:

- [JIS #00 Screwdriver](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
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## Step 1 — Back case



- Turn the laptop over and orient it as shown.

## Step 2



- Remove the battery by pinching the two lock tabs towards the center.
- Next, lift up on the battery to remove it.

## Step 3



- Using a Phillips #00 screwdriver, remove the twenty-two 5.6 mm screws from the back of the laptop.
- ⓘ Be sure to remove all screws, including those that are typically covered by the battery.

## Step 4



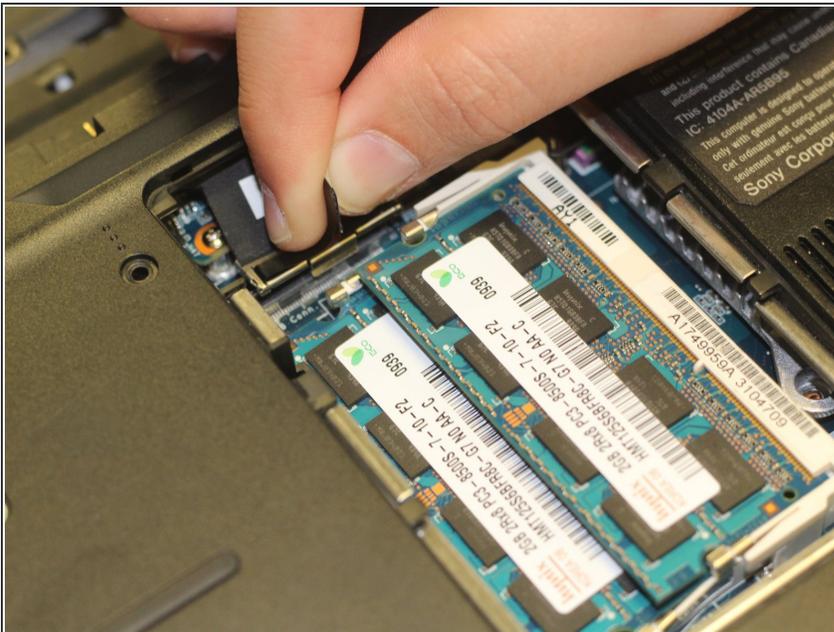
- Now, remove the small covers from the back of the case.
  - Using a Phillips #00 screwdriver, unscrew the three 5.6 mm screws from the covers (one screw on the RAM cover [middle] and two screws on the Hard Drive cover [bottom right]).
  - Then, lift up on and remove these covers as shown in the third image.

## Step 5



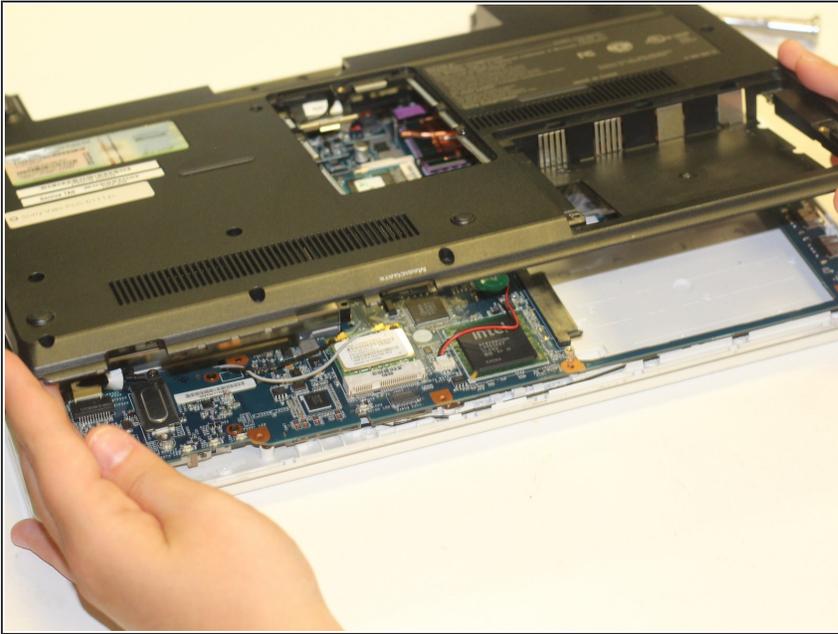
- Remove the hard drive.
  - Using a Phillips #00 screwdriver, unscrew the two remaining 4.9 mm screws holding the hard drive into place.
  - Next, lift up and pull outwards to release the hard drive from its socket.

## Step 6



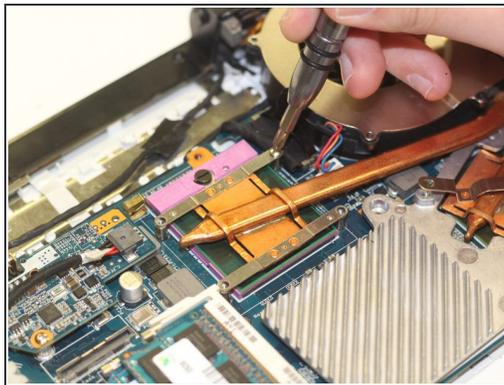
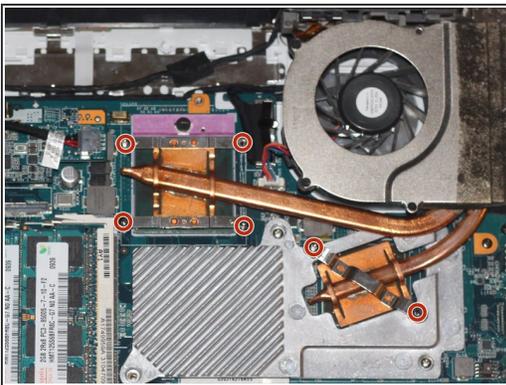
- Using your fingers, grasp the black tab and lightly pull up on the ribbon cable to detach it from the motherboard.

## Step 7



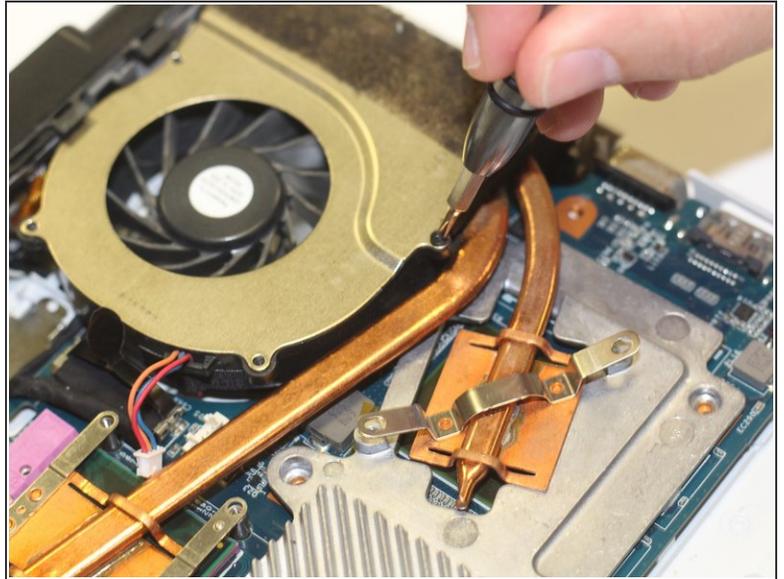
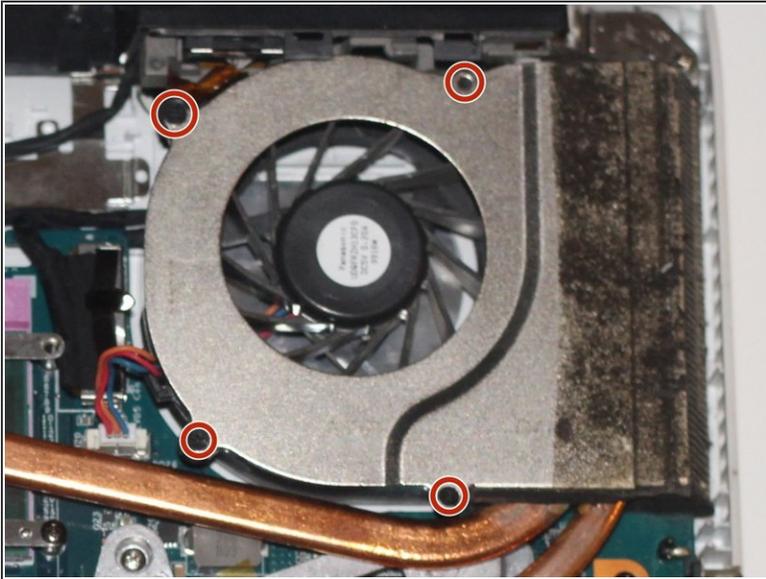
- After proper removal of all necessary screws, gently lift up on the back case to remove it.

## Step 8 — Fan



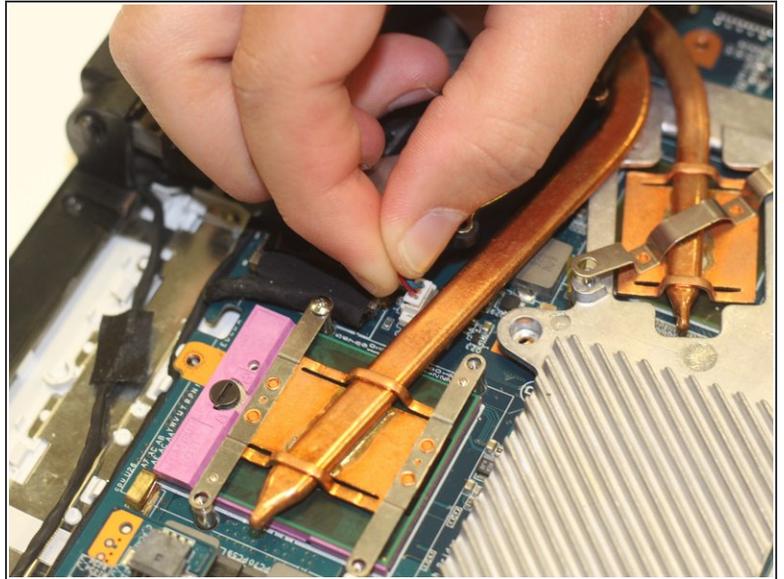
- Locate the fan (top-right corner of the computer).
- Using a Phillips #00 screwdriver, unscrew the six 2.7 mm screws that secure the fan to the motherboard.

## Step 9



- i** This step can be skipped if you are just removing the fan to access another part of the device (such as the motherboard).
- Using a Japanese Industrial Standard #00 screwdriver, unscrew four 3.7 mm screws located on the casing of the fan.

## Step 10



- Using your fingers, grasp the white tab and firmly, yet gently, pull up on the wire to disconnect it from the motherboard.

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