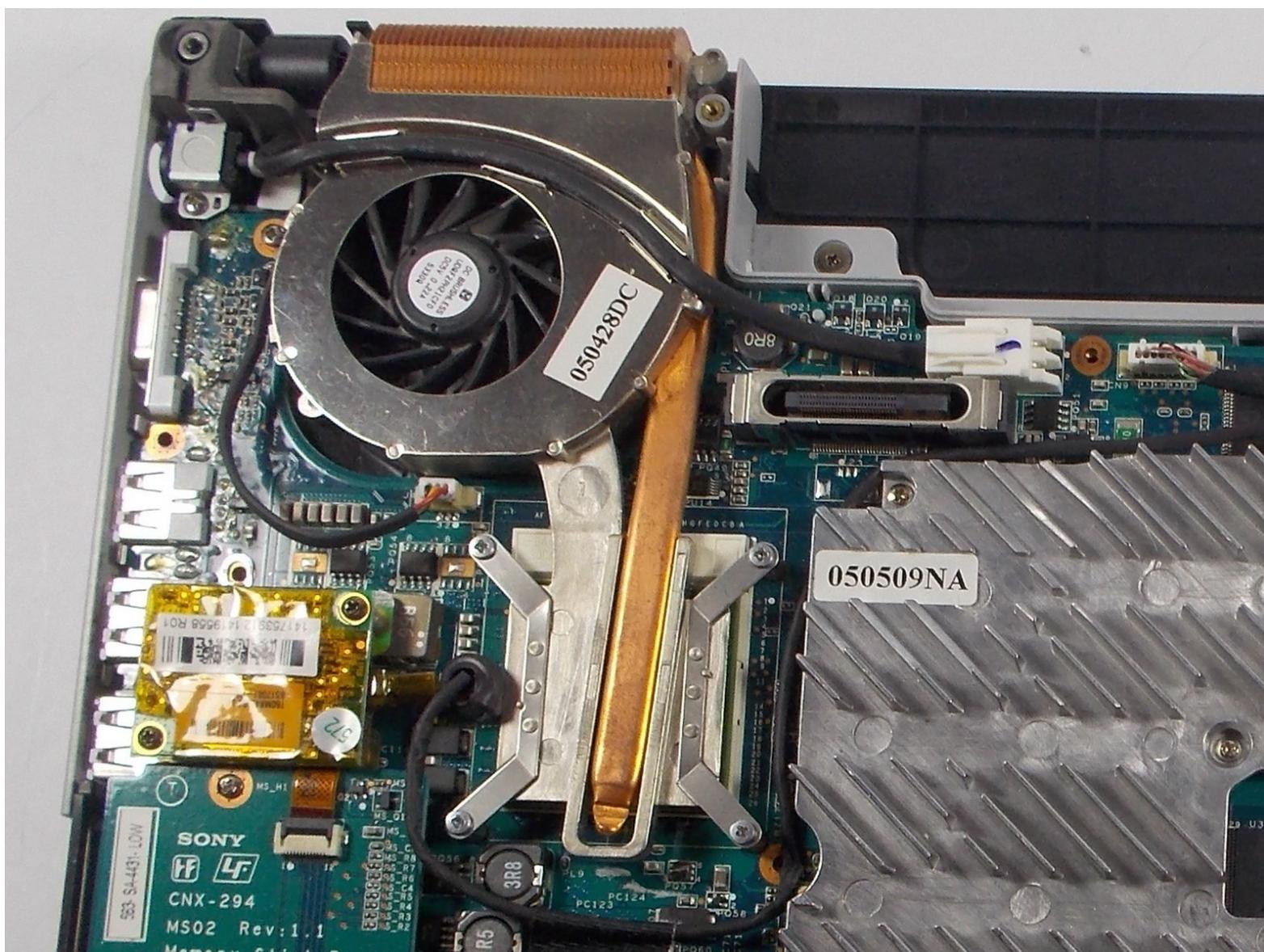




Vaio FS series VGRFS640 Fan Replacement

The fan allows the laptop to cool itself and keep from overheating, however when it gets dusty, it can be loud and obnoxious. Cleaning it will help to make your laptop quieter, and cooler.

Written By: Geoffrey



INTRODUCTION

This guide will teach the user how to replace the fan.



TOOLS:

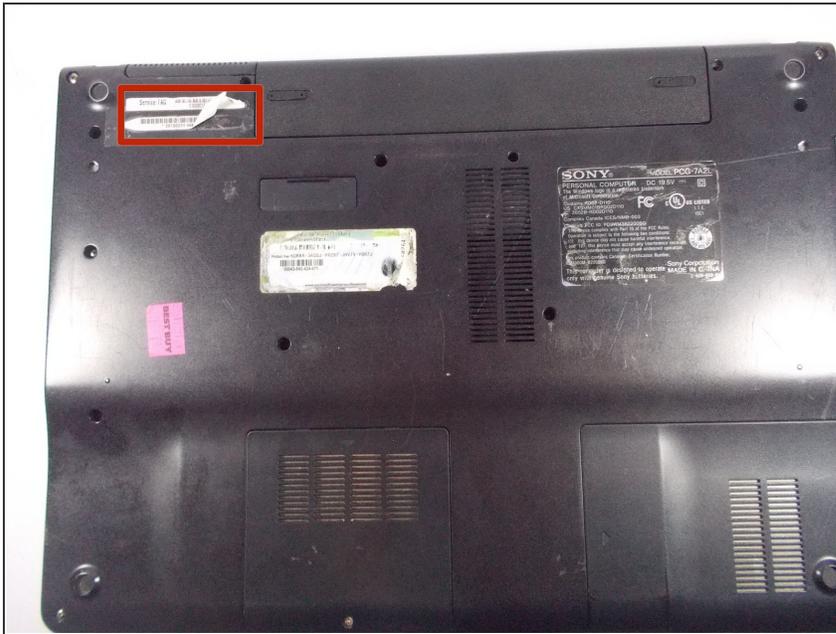
- [Phillips #0 Screwdriver](#) (1)



PARTS:

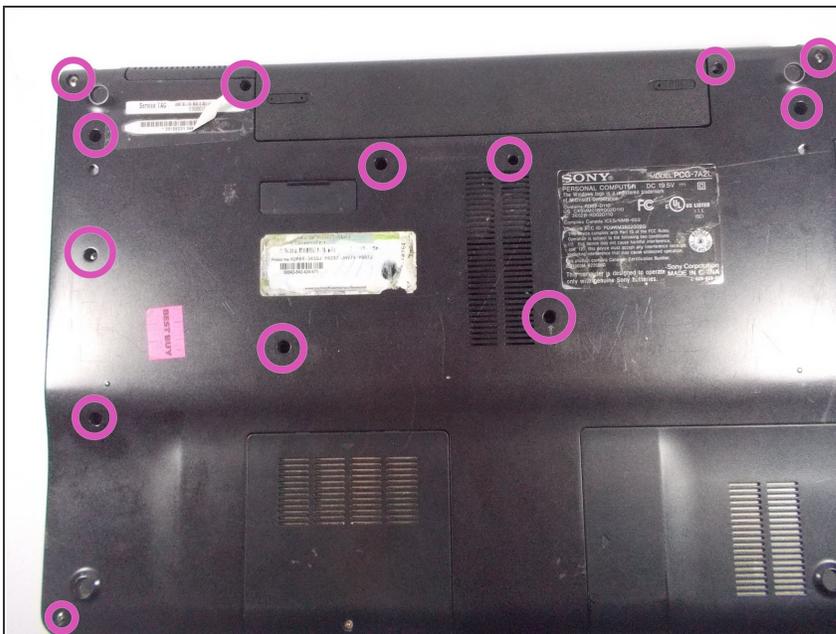
- [Laptop Fan](#) (1)

Step 1 — BackPlate



- Flip laptop over so that "Service TAG" is shown at the top left corner.

Step 2



- Remove highlighted screws from back of laptop.

Step 3



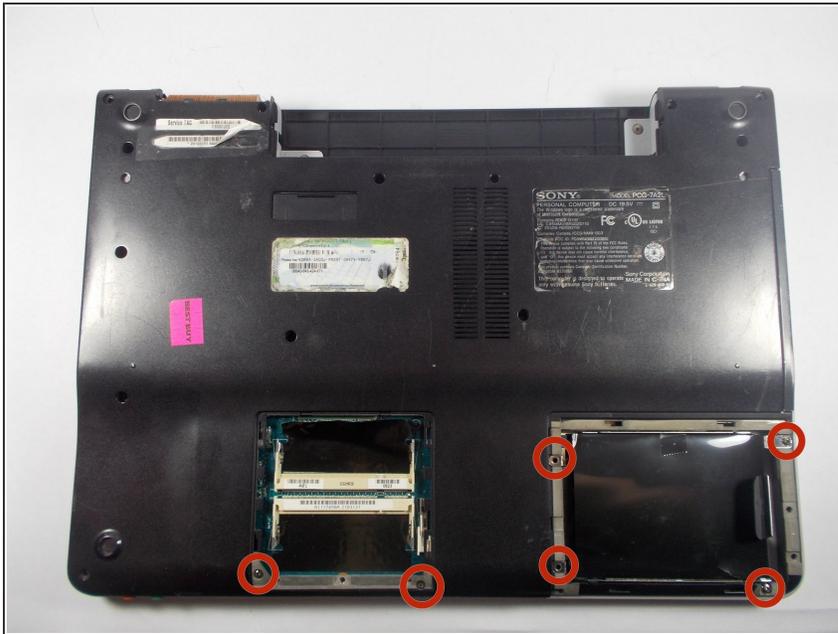
- Remove screws from panels at bottom right hand side.

Step 4



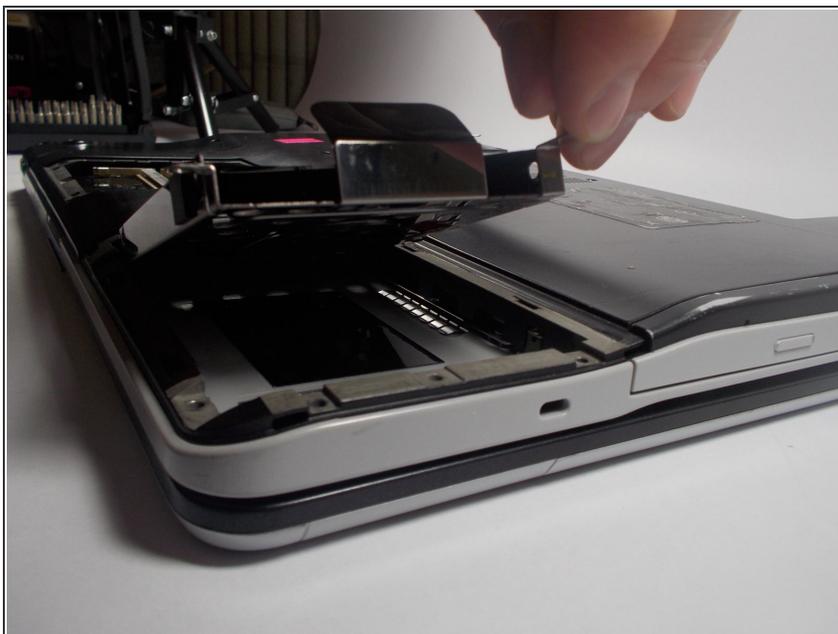
- Remove two panels at bottom right hand corner by sliding in direction of arrows shown

Step 5



- Remove screws underneath removed panels.

Step 6



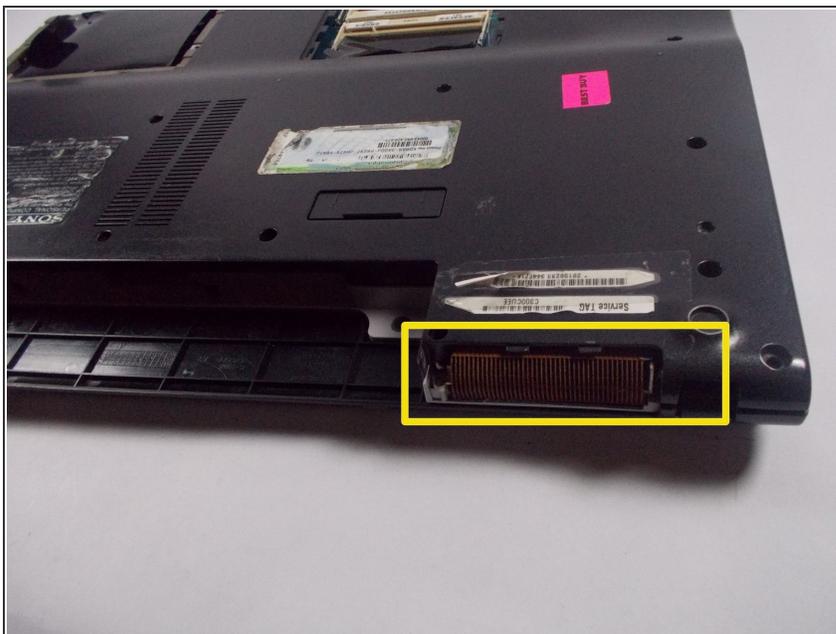
- Remove Hard drive from computer.

Step 7



- Remove battery by pressing inwards on both tabs.

Step 8



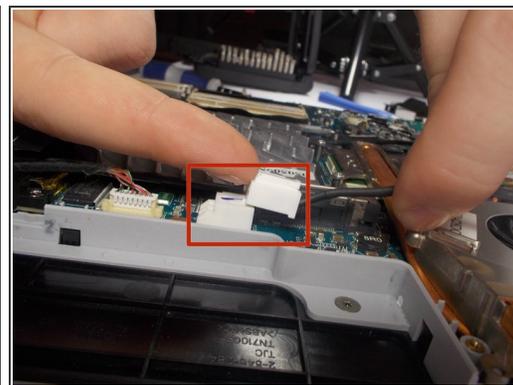
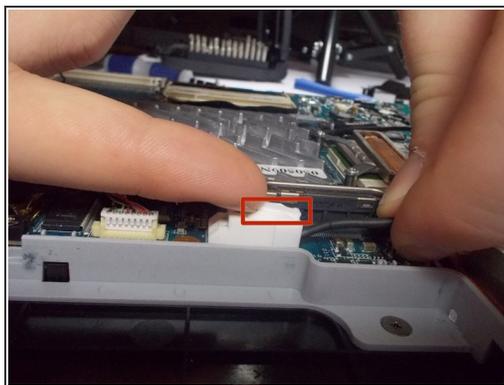
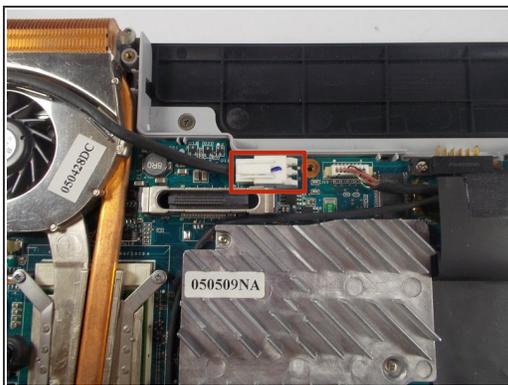
- Remove cover at top left of laptop by pulling outwards.

Step 9



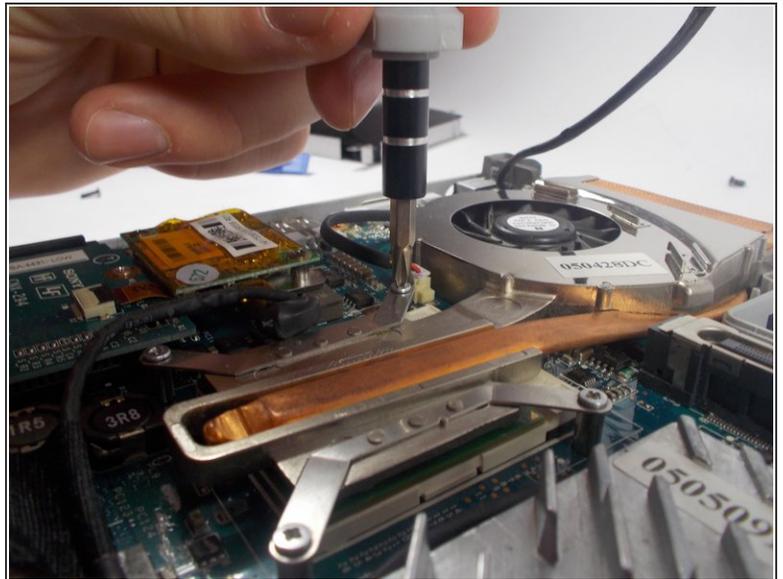
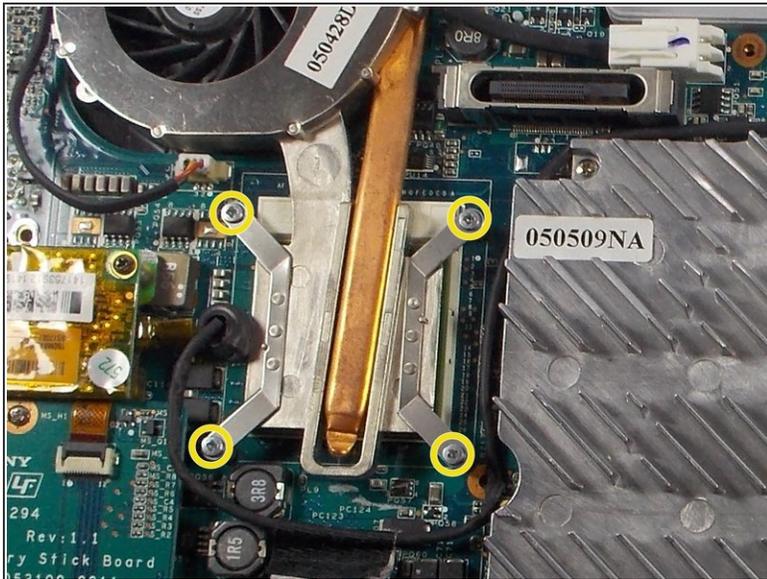
- Remove backplate of laptop by pulling outward.

Step 10 — Fan



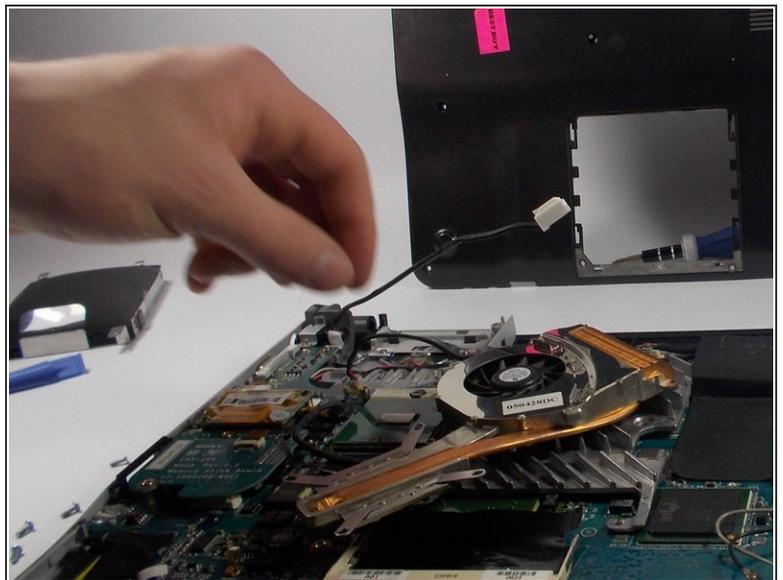
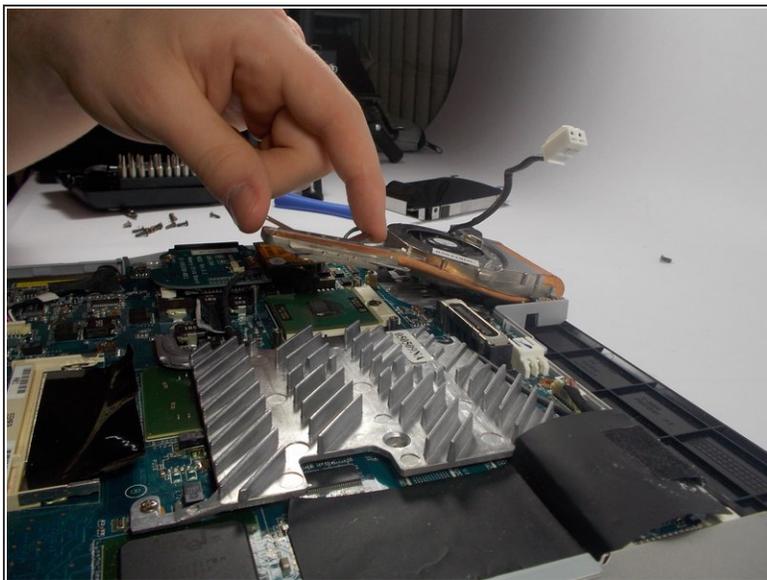
- Gently remove the connector for the wire running over the fan by lifting the tab on top up with your fingernail and sliding it out.

Step 11



- Unscrew the four screws which hold in the fan.

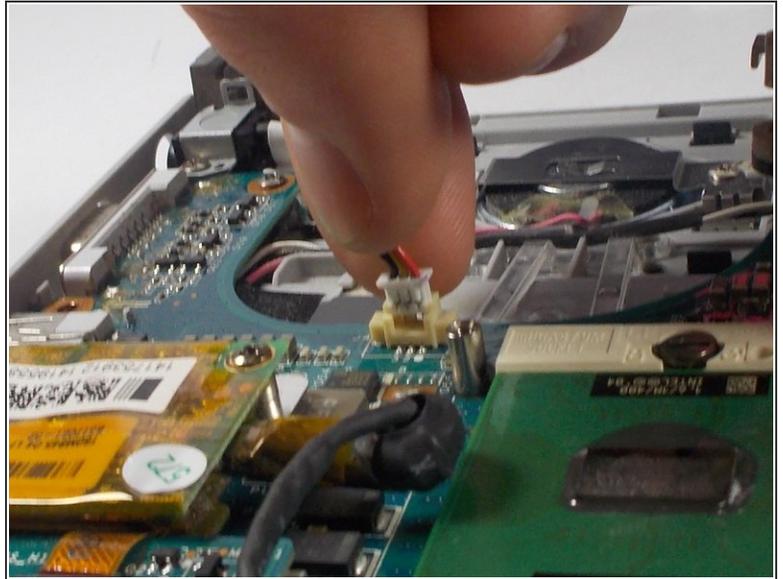
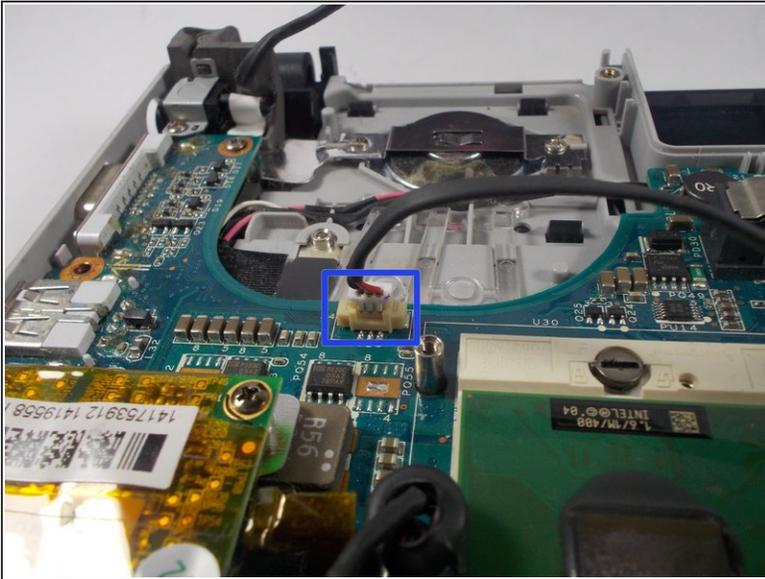
Step 12



- Lift out the fan and place it to the side.

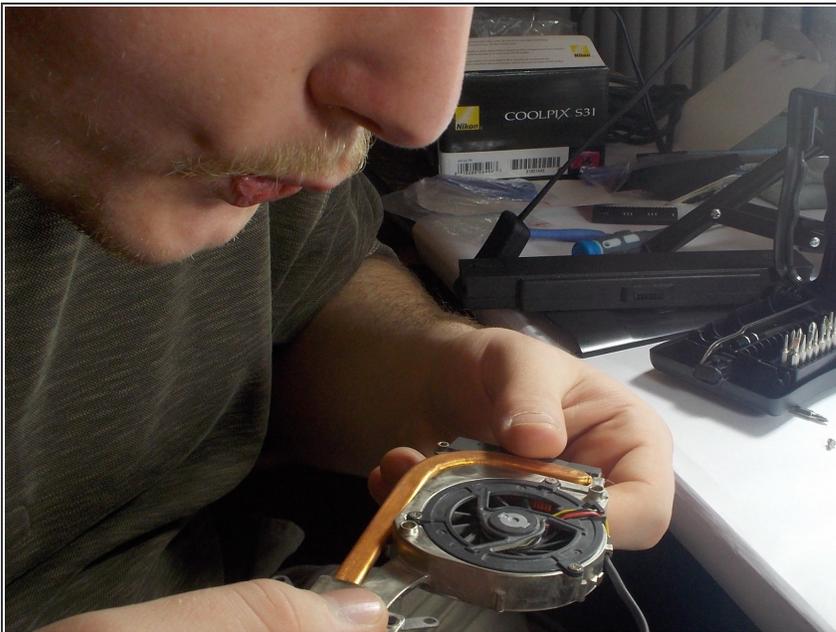
⚠ DO NOT FORCEFULLY PULL THE FAN AWAY there is still a wire attaching it to the circuit board and you don't want to damage the circuit board.

Step 13



- Remove the connection by gently pull the remaining connection up from where it is attached.

Step 14



- Replace the old fan with the new one.
- ⚠ Make sure that fan being used to replace is compatible with computer.
- ⚠ Sony no-longer has a list of compatible fans, so this may be difficult if not impossible.
- Another option to making it quieter it is to blow off the accumulated dust either by blowing on it, or more effectively by using an air hose.

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