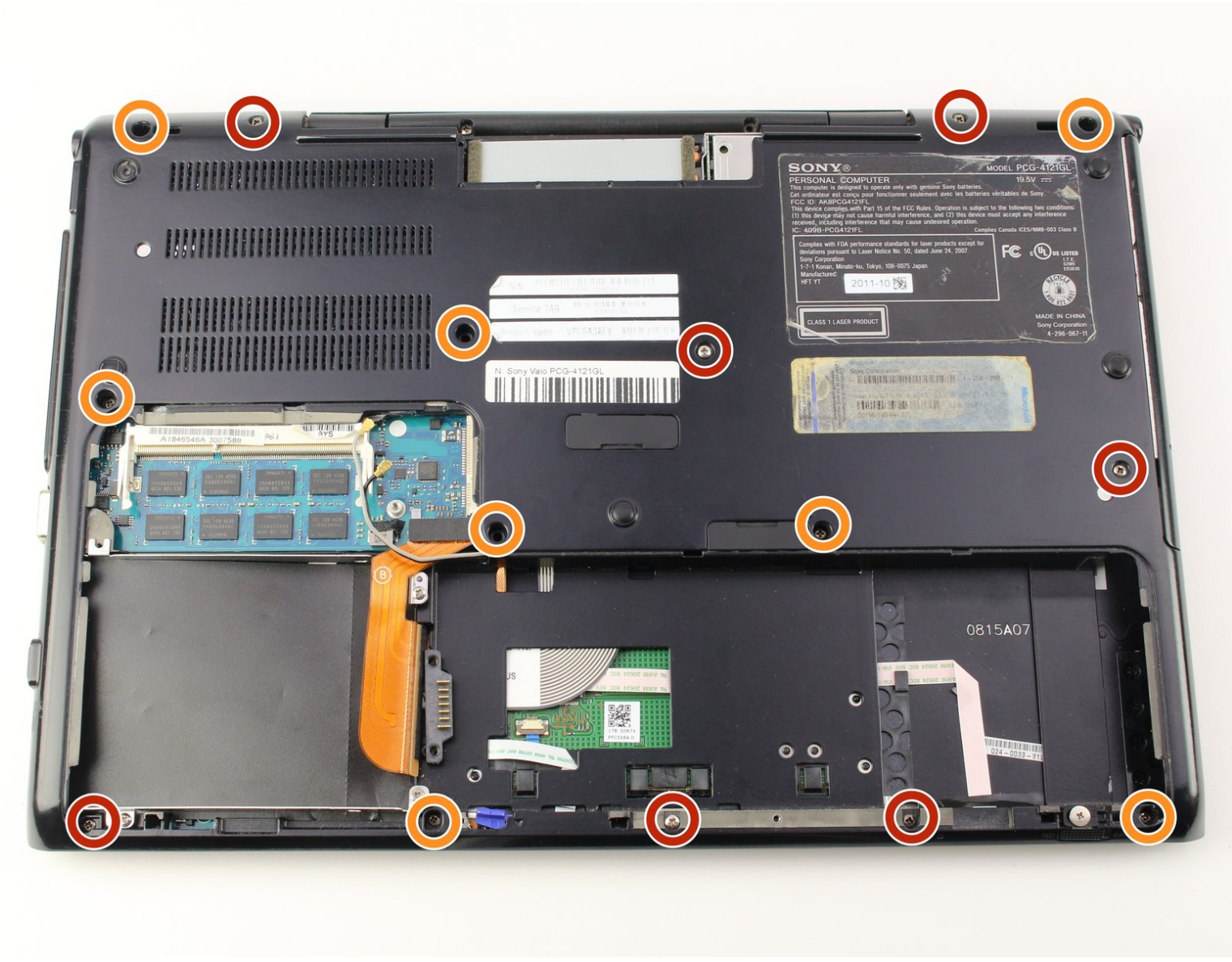
Sony Vaio PCG-4121GL AUX Board Replacement

This guide will provide information on how to replace the AUX Board for the Sony Vaio PCG-4121GL (VPCSA3AFX).

Written By: Miguel Camarena



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INTRODUCTION

If noise sounds distorted or the headphone jack does not pick up your sound device, the AUX Board may need to be replaced. Before starting this guide, try to blow dust out to see if the issue is resolved. Make sure to have a secure place to put the screws after they have been removed.

TOOLS:

- Phillips #0 Screwdriver (1)
- Phillips #00 Screwdriver (1)

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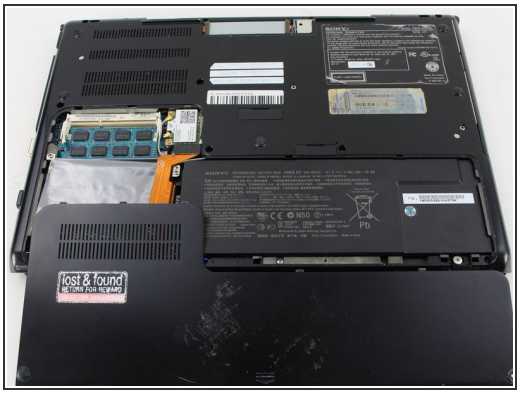
Step 1 — Battery

- Remove the two 3mm Phillips #0 screws on the bottom of the computer that secure the plastic backing.

Step 2



- Pull the bottom plate towards yourself until it unhinges fully.
- Once the plate is free from the backing remove it completely.

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Step 3

- Look for the blue tab that is located to the bottom left of the battery.

Step 4

- Pull the blue tab towards yourself until you hear a click.
- Once the blue tab is released, pull up on the battery.
- Once the battery can move freely, take it out completely.

It may be helpful to have a spudger to make it easier to release the blue tab.

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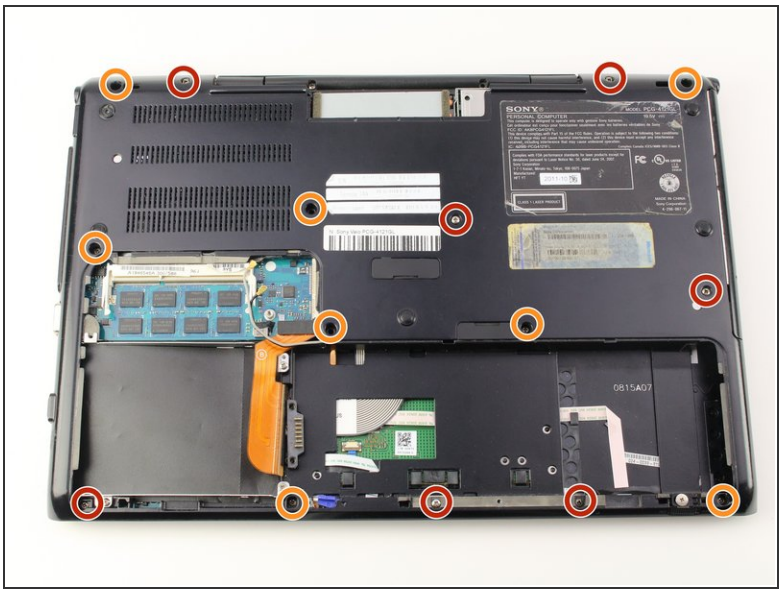
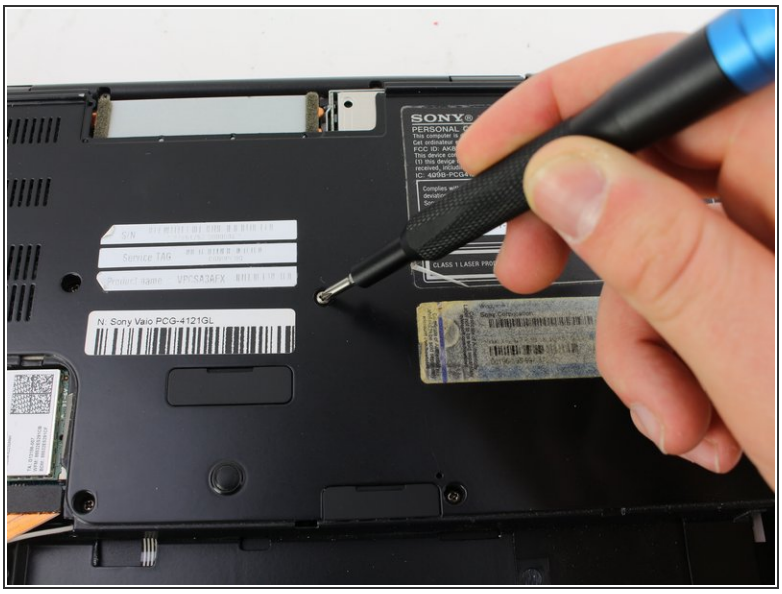
Step 5 — AUX Board





- Remove seven 3mm Phillips #0 screws from the bottom of the computer.
- Remove eight 5mm Phillips #0 screws.

Step 6

- Carefully remove the disk drive from its compartment.

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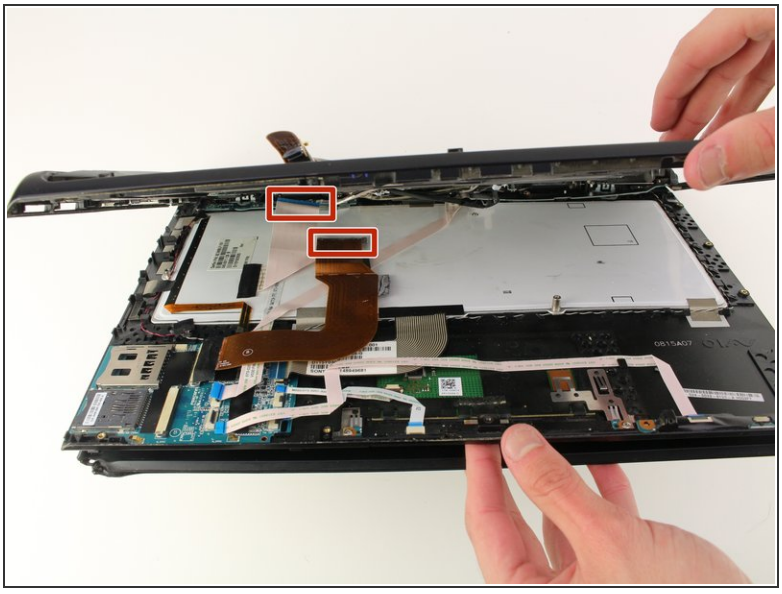
Step 7

- Remove the three 2mm Phillips #00 screws located on the top right edge.

Step 8



- Gently pull apart the top and bottom plastic bodies.
- Carefully remove the cable connectors.
- ⚠ Slowly detach bottom component to avoid tearing wires/connectors.

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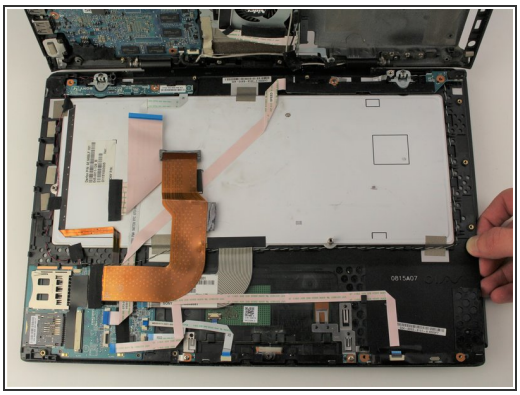
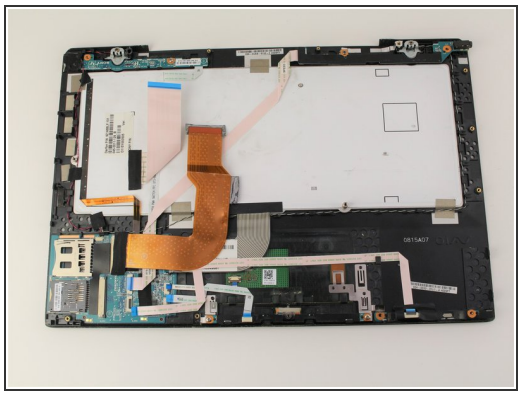
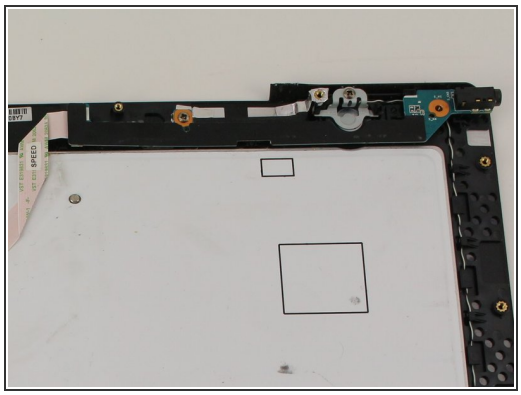
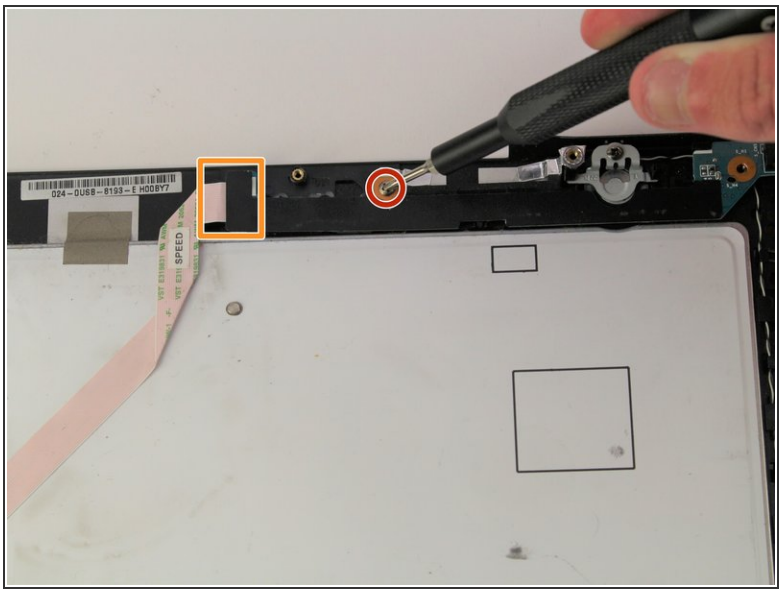
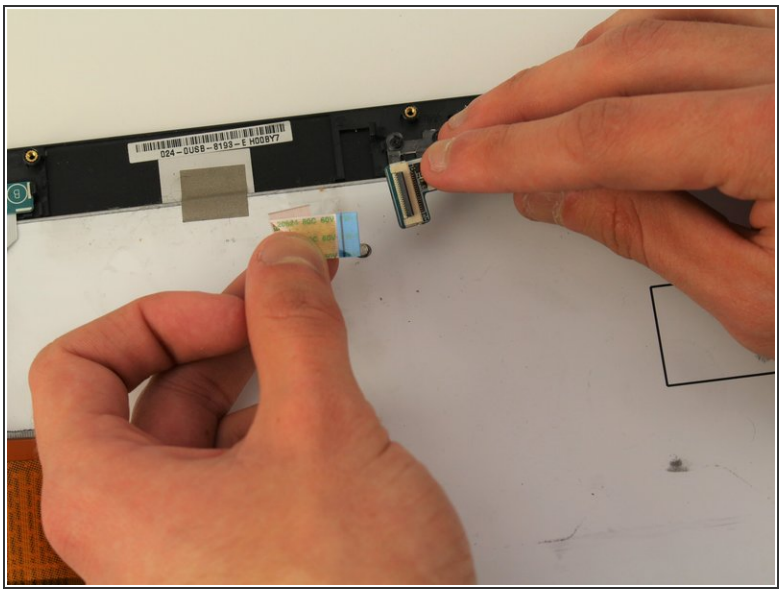
Step 9

- Pull apart your device and set aside the screen of your laptop.
- Locate the AUX Board in the top right of the computer body.

Step 10

- Remove the 2mm Phillips #0 screw.
- Carefully pull the cable connector out to the left.
- Once both are no longer connected remove the AUX Board completely.

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

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