



Samsung NP-NC10-KA02US Fan Replacement

Replacing the fan of Samsung NP-NC10-KA02US for improvement on overheating malfunction

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INTRODUCTION

Fan will be replaced in order to improve and control overheating that could create malfunctions on the computer system.

TOOLS:

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

Step 1 — Battery



- Locate the external battery on the bottom side of the device.
- Locate the tab on the right side of the battery.
- Shift the tab to the left.

Step 2



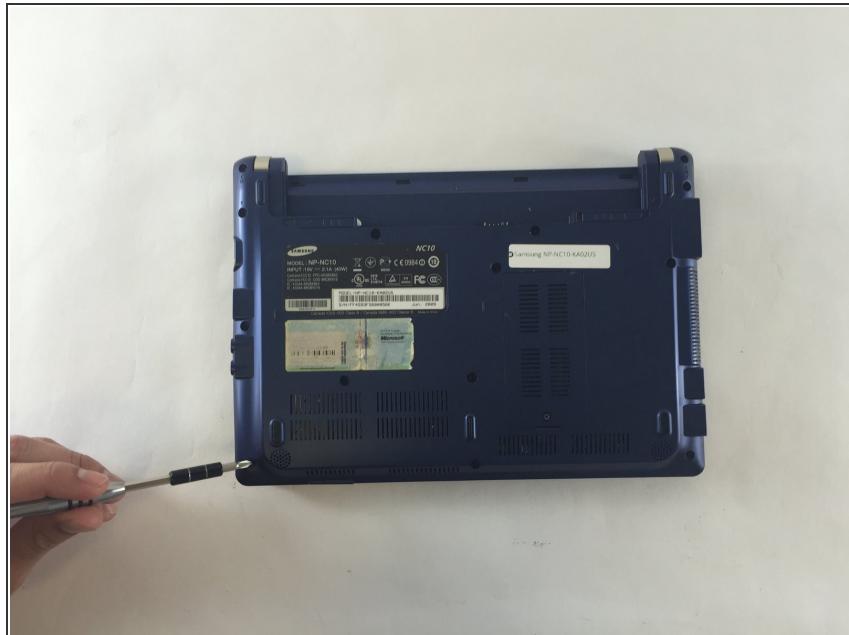
- Locate the tab on the left side of the device's battery.
- Push the left tab to the right.

Step 3



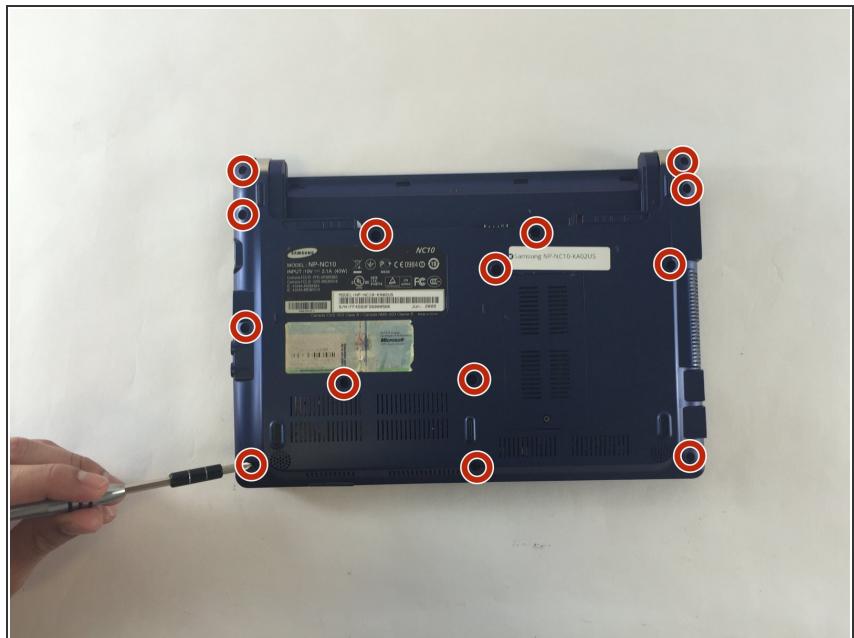
- Pull the battery up from the device.

Step 4 — Back Plate



- Locate the 14, 3.93 mm, screws that need to be removed on the base of the computer.

Step 5



- Remove all 14 of the 3.93 mm screws using a PH1 screw bit.

Step 6



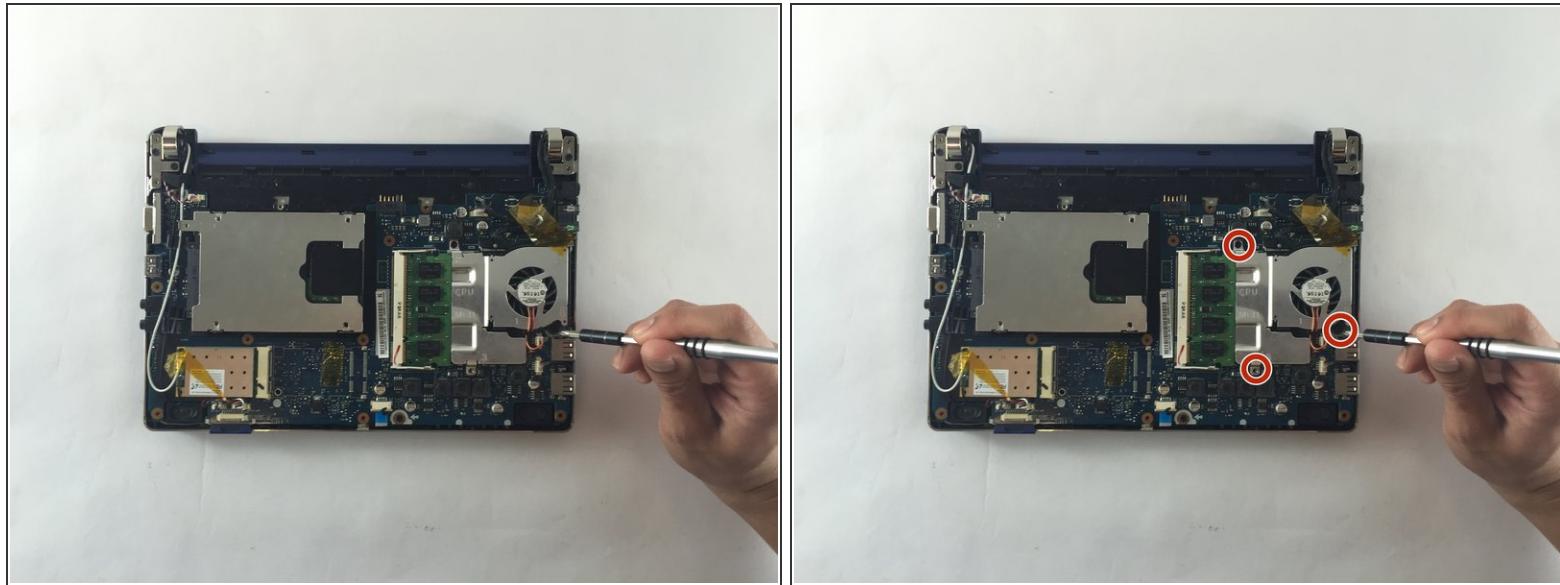
- Using two plastic opening tools remove the back plate.

(i) These plastic opening tools have a flat-head that extends as a wedge which are utilized to separate pressure fit plastic components without causing any damage to them.

- The back plate is now removed exposing all of the hardware components.

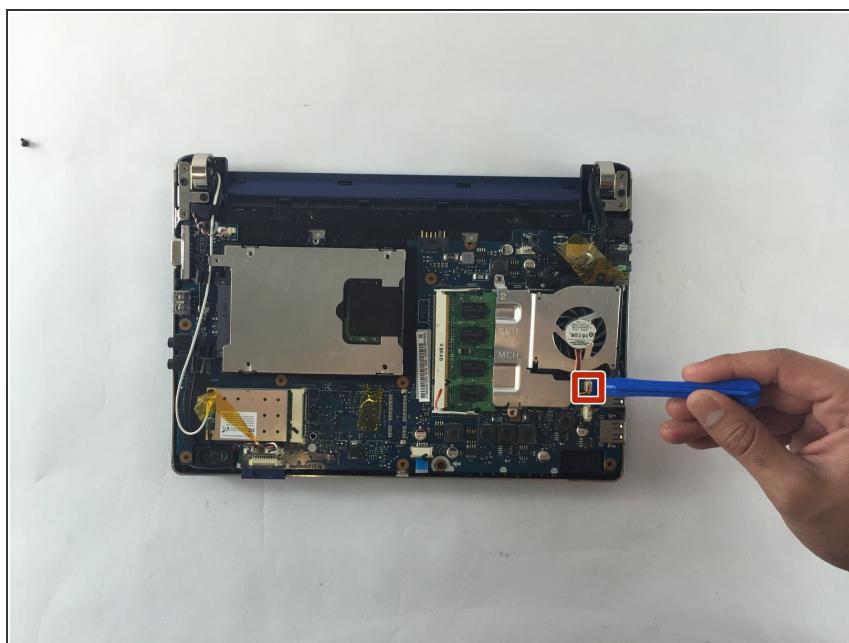
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Step 7 — Fan



- Remove the three screws holding the fan using a 3.9mm screwdriver.
- *i* All three screws need to be removed in order to continue on to next step.

Step 8



- Unplug the wires connected to the fan using a plastic opening tool.

Step 9



- You are now able to carefully detach the fan from the base.

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