



System76 Serval WS Cooling Fan Replacement

This guide shows how to access and replace the 2 cooling fans within the System76 Serval WS.

Written By: Oliver Anderson



INTRODUCTION

This guide will show how to replace the two cooling fans inside the Sytem76 Serval WS. It will show step by step how to remove the old fans and safely install new fans. You will need to replace the fans if they stop working or if the device begins to consistently overheat.



TOOLS:

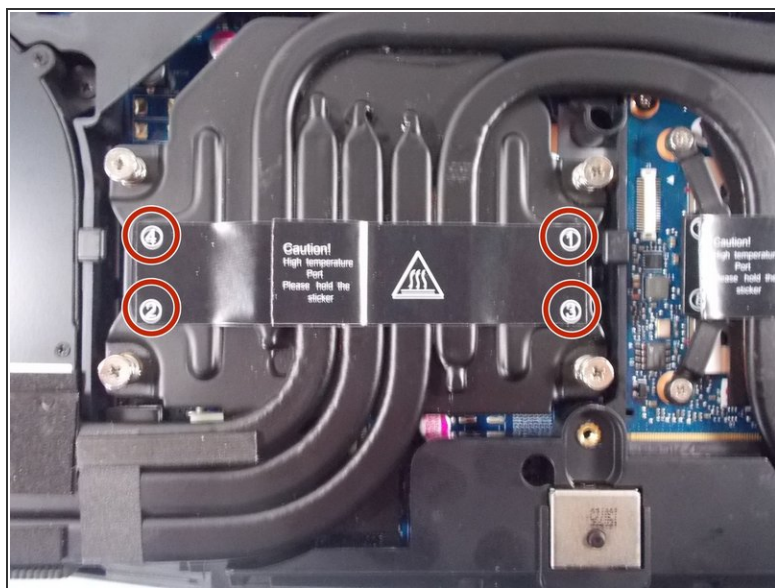
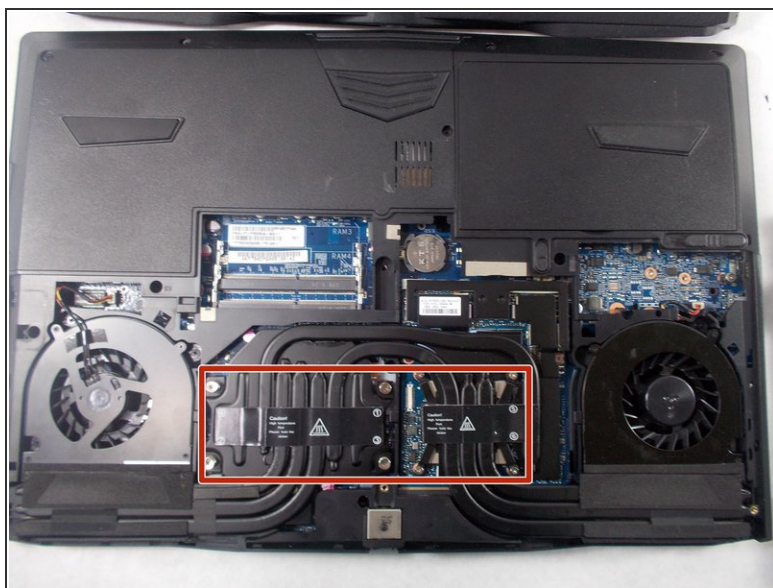
- [Pro Tech Toolkit](#) (1)
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Step 1 — Cooling Fan



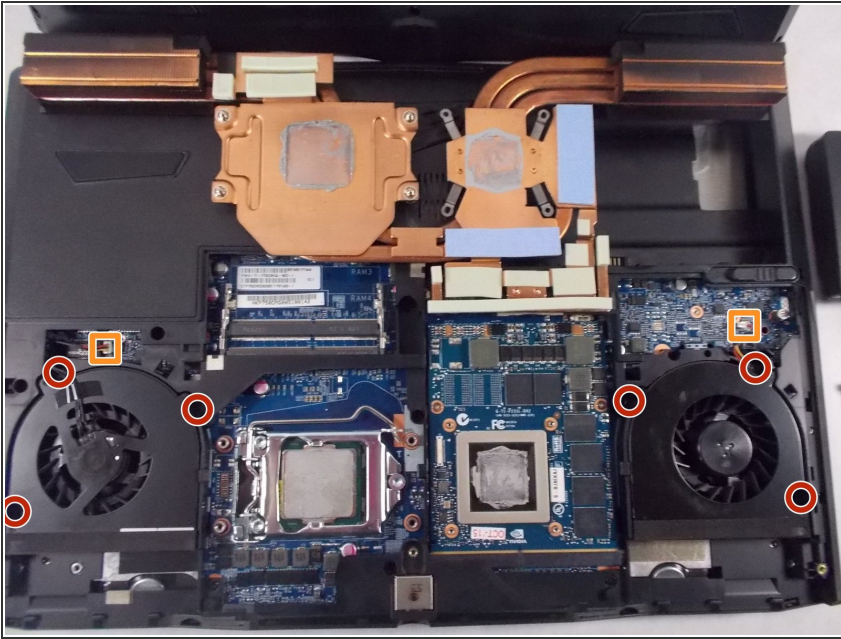
- Unscrew and remove the 4 screws circled in red. Then remove the plastic bottom panel.

Step 2



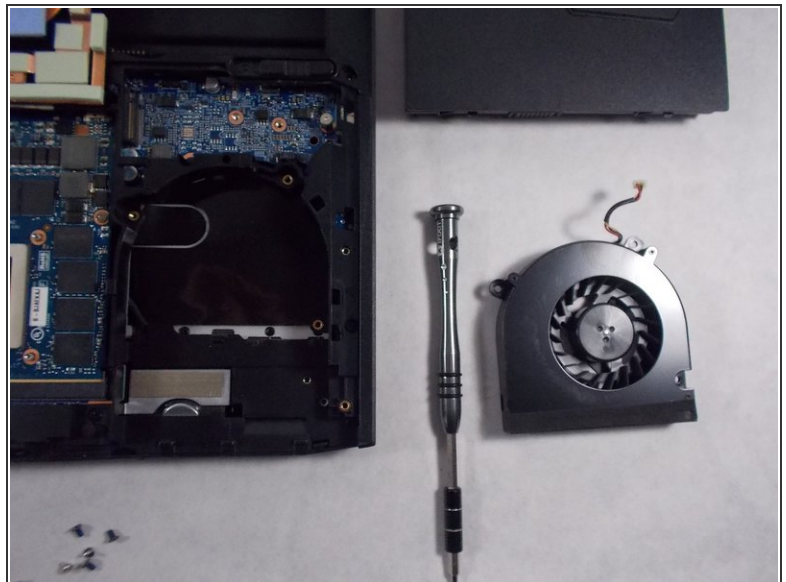
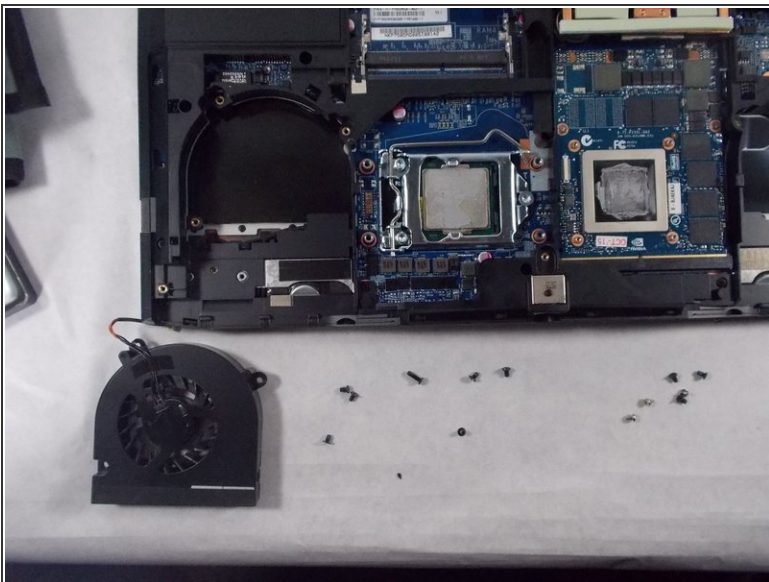
- Remove the numbered screws in order to safely remove the processor
- Remove the processor to access the cooling fans.

Step 3



- Unscrew and remove the screws circled in red, 3 screws per fan.
- Next unplug the 4-pin power connectors, marked in orange squares.
- Remove the cooling fans by lifting them up and out of the casing.

Step 4



- Plug in the 4-pin power connectors of the new fans.
- Insert and tighten 3 screws per fan.

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