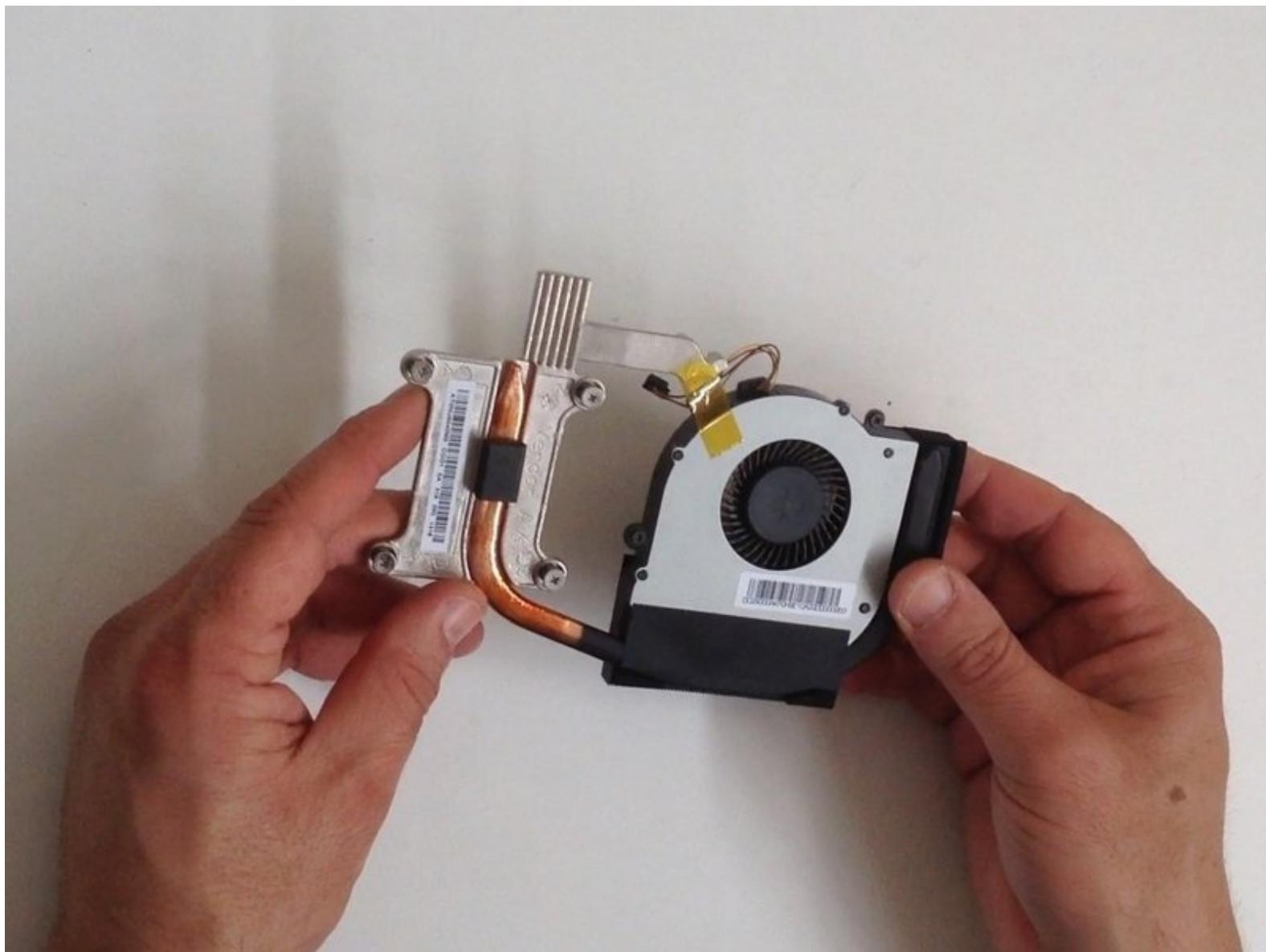




Lenovo ThinkPad Edge E530 Fan / Cooling System Replacement / Cleaning

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Written By: ZFix



INTRODUCTION

Lenovo ThinkPad Edge E530 / E530c - how to change or clean the Fan and the Cooling System.

[video: <http://youtu.be/MM-G4OkeagQ>]

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)
- [Tweezers](#) (1)
- [Arctic Silver Thermal Paste](#) (1)
- [Isopropyl Alcohol](#) (1)

Step 1 — HDD Cover



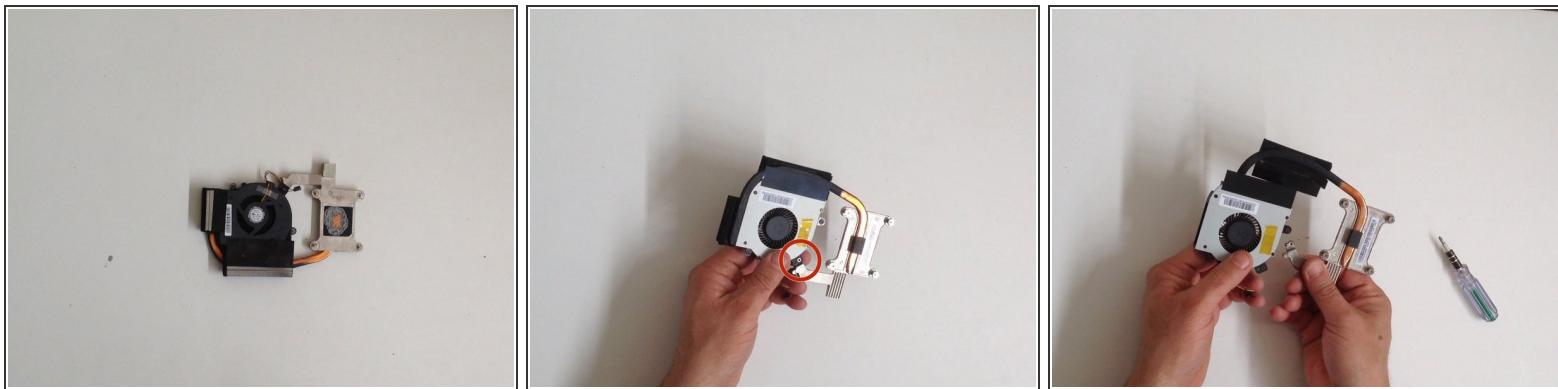
- Switch-off the Laptop and remove the battery.
- The HDD/Memory Cover is held by 3x Phillips screws. Remove them.
- Remove the Cover.

Step 2 — Fan / Cooling System



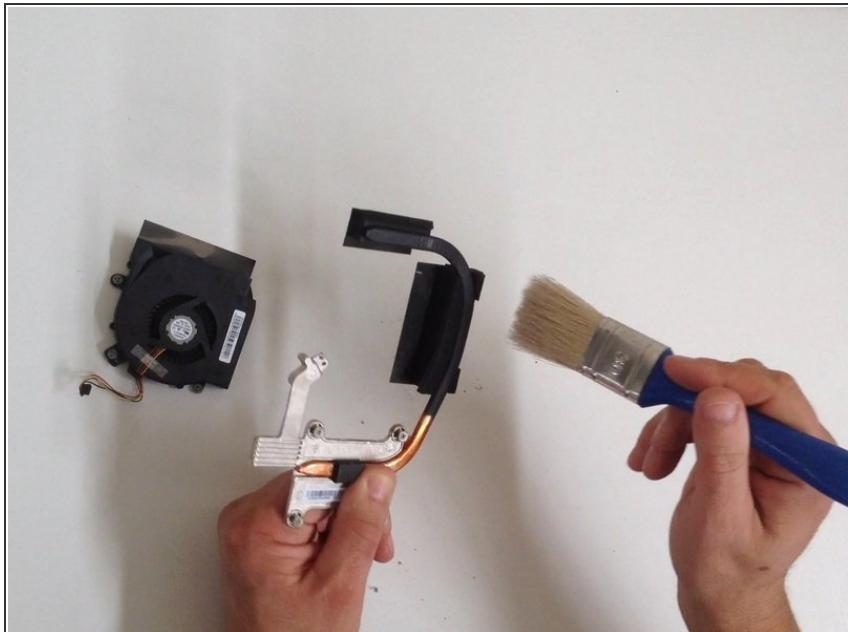
- Disconnect the Fan cable.
- Remove the 2x screws from the Fan module.
- Unscrew 4x screws around the processor.
- Carefully lift the Cooling System.

Step 3



- Use a lint-free cloth and isopropyl alcohol to clean the old thermal compound.
- If the thermal compound is solidified, you can use a flat end of any plastic tool to scrape it off.
- Separate the Fan from the Heat-sink.

Step 4



- Use a soft anti static brush and clean the Heat-sink on the inside.

⚠ Before installing a new Cooling System or reinstalling the old one, you must clean the processor from the old thermal compound and put a new one.

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