



# Lenovo IdeaPad 330S Fan and Thermal Unit

Sometimes the cooling solution of a laptop is...

Written By: Ilia Tocheny



# INTRODUCTION

Sometimes the cooling solution of a laptop is not working properly due to a faulty fan, a clogged thermal unit or dried thermal paste this guide will show you how to remove the fan, thermal unit so you can get 100% efficient cooling system

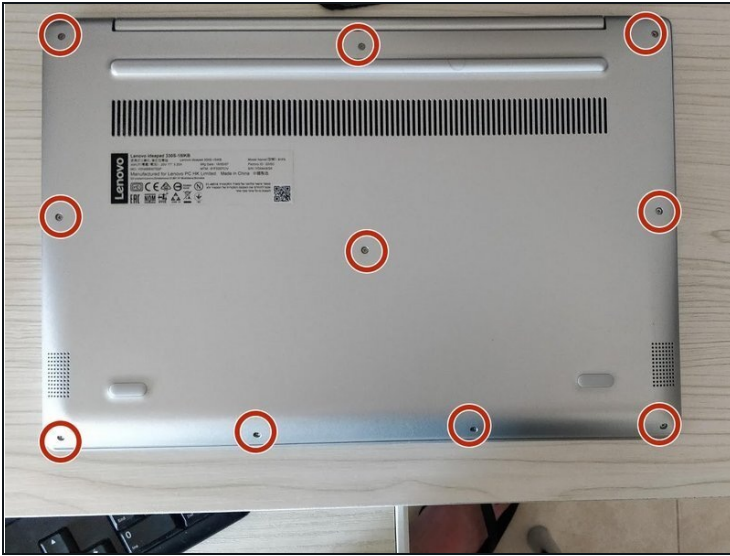
## 🔧 TOOLS:

Spudger (1)  
Phillips #00 Screwdriver (1)  
Phillips PH000 Screwdriver (1)  
Anti-Static Wrist Strap (1)

## ⚙️ PARTS:

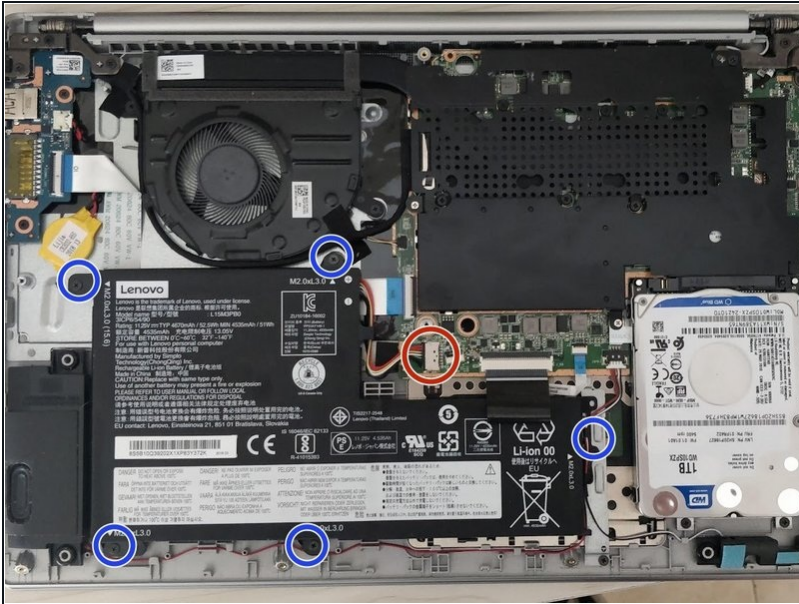
Lenovo IdeaPad 330S-15 Heat Sink (1)  
Thermal Paste (1)  
Thermal Pads (assorted sizes: .5,mm  
1.0mm & 1.5mm ) (1)  
Lenovo IdeaPad 330S Fan (1)

## Step 1 — Removing bottom case



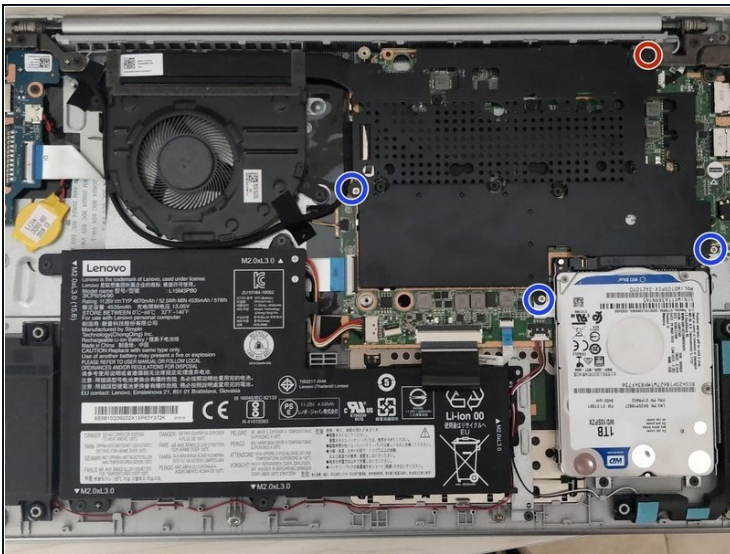
- Turn off the device and disconnect from the power.
- Remove the 10 screws as shown in picture.
- Using a plastic pry tool remove the bottom case (gently).

## Step 2 — Disconnecting Battery



- Using a spudger gently push the black connector to the left (red circle).
- If you want to remove the battery by removing the five screws labeled in blue.

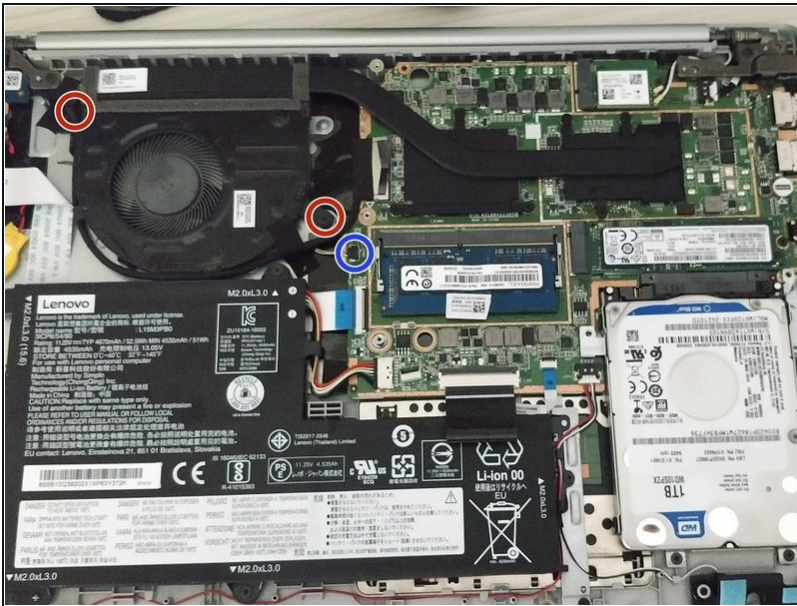
## Step 3 — Removing guard shield



- Remove the 3 screws that are circled in blue. Then remove the red one.
- The red circle is a M2.5 and the blue circle are M2.0 those are different screws!
- Remove the black shield

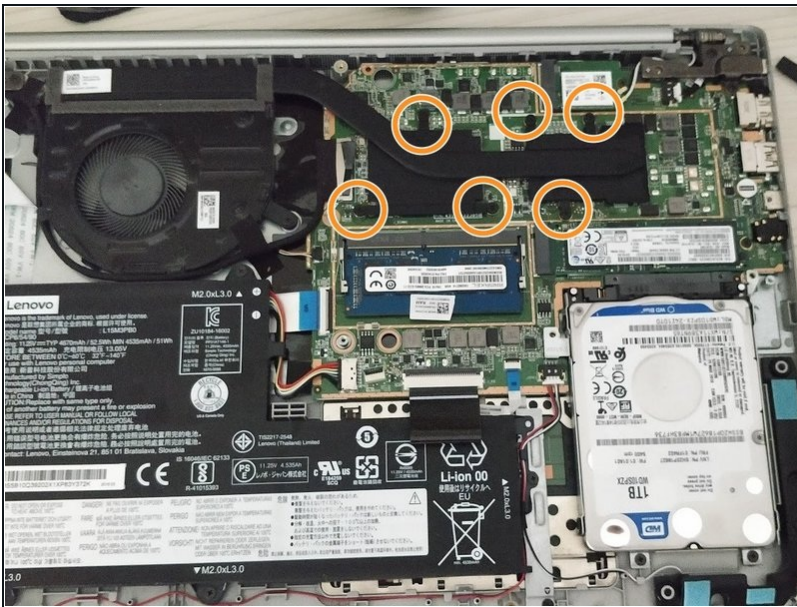


## Step 4 — Removing Cooling Fan



- Remove the two black screws that are marked in red
- Disconnect the fan (blue marker) from MB by pushing gently to the left using a spudger.

## Step 5 — Removing the Thermal unit



- Remove the 6 screws in reverse of the number stated on screws.
- Replace the thermal paste with a fresh one
- Removing the fan is not needed but will help with easier disassembly of thermal unit

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