



Lenovo ThinkPad T460s Heatsink Replacement

Use this guide to replace the CPU radiator in the Lenovo ThinkPad T460s laptop.

Written By: Jingyu Su



INTRODUCTION

If the fan of your Lenovo ThinkPad T460s (all models) keeps running very noisy constantly, probably the heat radiator of CPU is broken, use this guide to replace the CPU radiator module.

The CPU radiator module is used to dissipate the heat from the CPU. A faulty radiator module cannot transfer the heat efficiently and this may cause your computer overheated or even broken.

This guide will guide you through how to replace the CPU radiator. Before using this guide, make sure you have a new CPU radiator to be replaced and the tools we list.

Before beginning, make sure to power off your laptop completely and disconnect from any external power source.

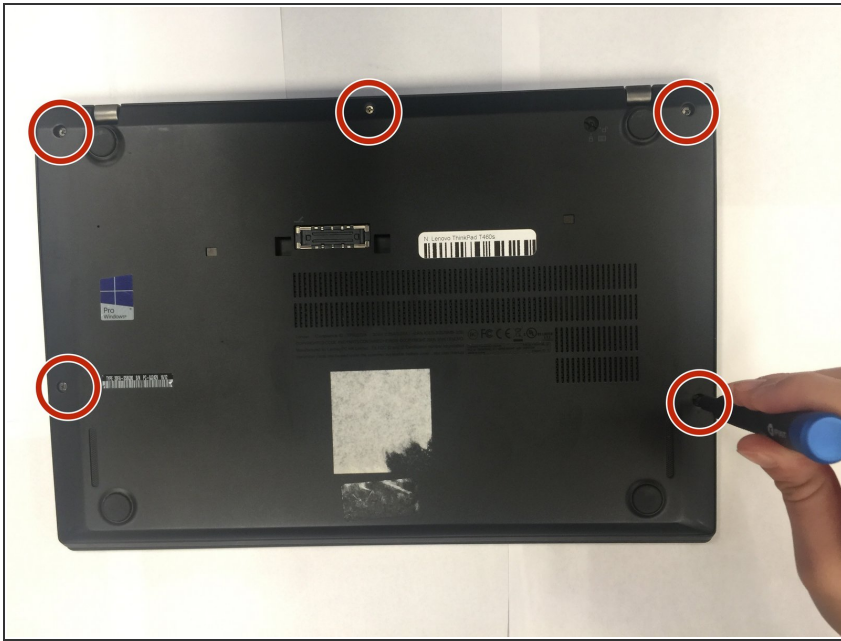
Make sure you have the right-sized the screwdriver, so you will not strip your screw.



TOOLS:

- [Phillips #1 Screwdriver](#) (1)
 - [ESD Safe Tweezers Blunt Nose](#) (1)
-

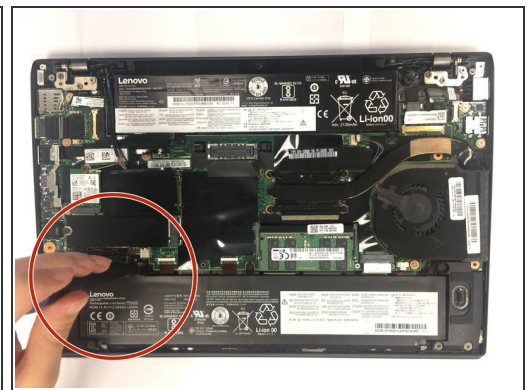
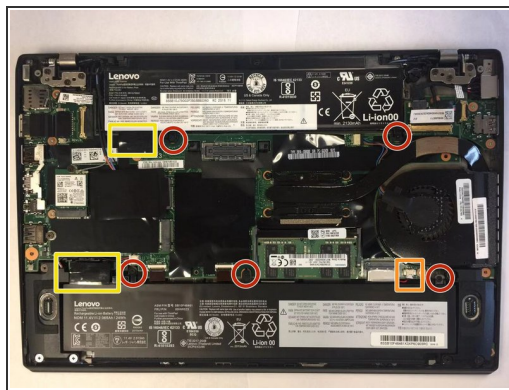
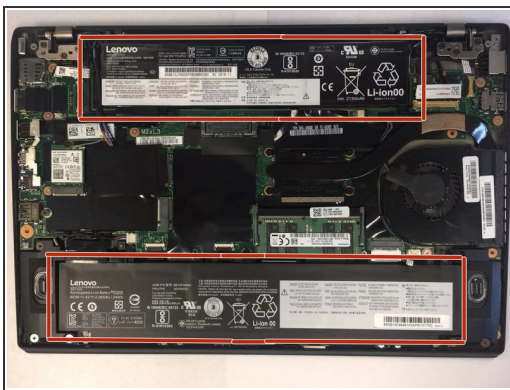
Step 1 — Battery



- Remove all five 5.5mm Phillips #1 screws.

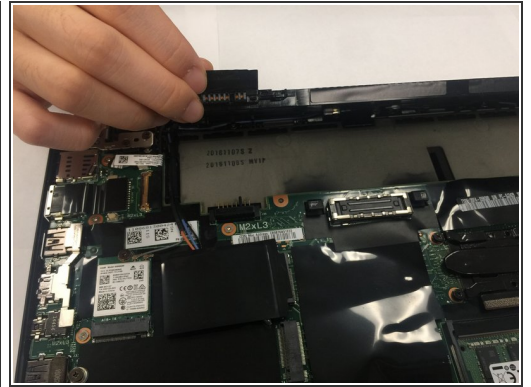
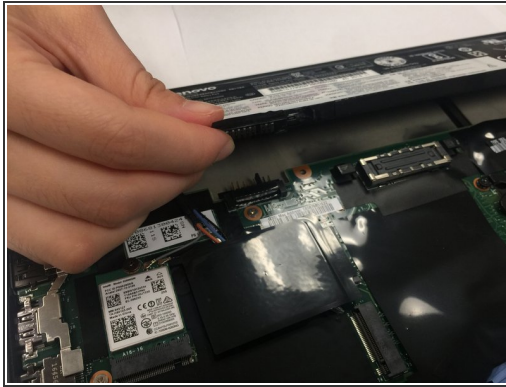
⚠ Note that these screws cannot be removed completely since all the screws have a retainer from the back.

Step 2



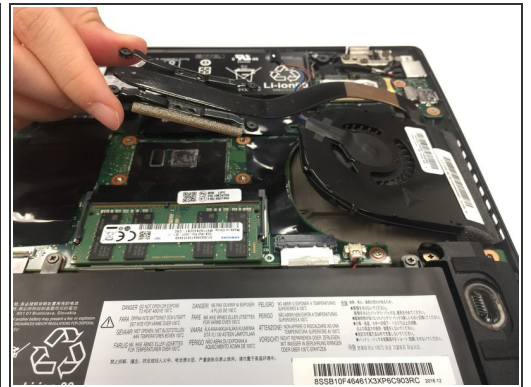
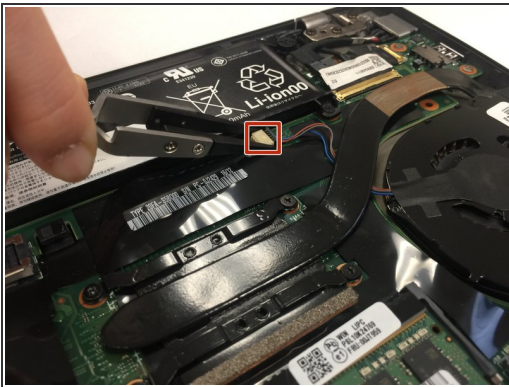
- Remove all five 5.5mm Phillips #1 screws.
- Unplug the battery from the device.
- These tabs are used to remove the battery.

Step 3



- Remove the batteries from the device.

Step 4 — Heatsink



- Remove the fan power cable in red square first.
- Loosen all four 5.5mm Phillips #1 screws marked in red circle to take off the Radiator Assembly.
- ⓘ Those 4 screws can't be removed since all the screws have a retainer from the back

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