



# Lenovo ThinkPad T580 Cooling Fan Replacement

How to replace the cooling fan in the Lenovo Thinkpad T580.

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## INTRODUCTION

Welcome to the cooling fan replacement guide for the Lenovo Thinkpad T580.

This guide will detail the steps necessary to replace the cooling fan.

The most common reasons why this component would need to be replaced is because:

- The computer overheats quickly
- The computer shuts off due to temperature overload
- The cooling fan makes no noise when the computer is on or getting hot

If you are not experiencing these problems with this component consider examining the [troubleshooting page for this device](#).

There are no specialized skills required for replacing the cooling fan.

## TOOLS:

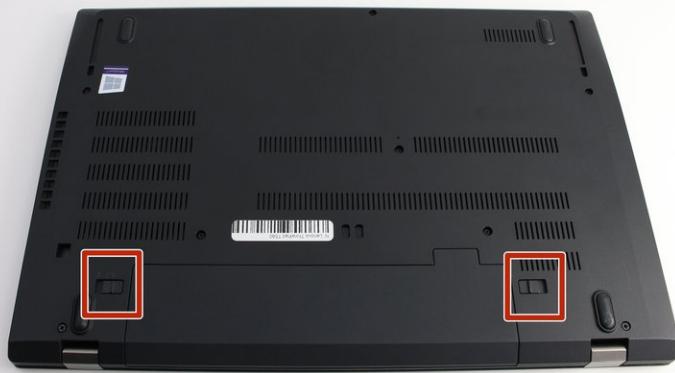
- [Phillips #000 Screwdriver](#) (1)
- [iFixit Opening Picks set of 6](#) (1)

## Step 1 — External Battery



- Arrange the laptop so it is upside-down and the front is facing away from you. This will get the battery directly in front of you.

## Step 2



- Pull the slides away from the center of the laptop to release the battery.

## Step 3



- Pull the battery directly out of the socket.

## Step 4 — Bottom Case



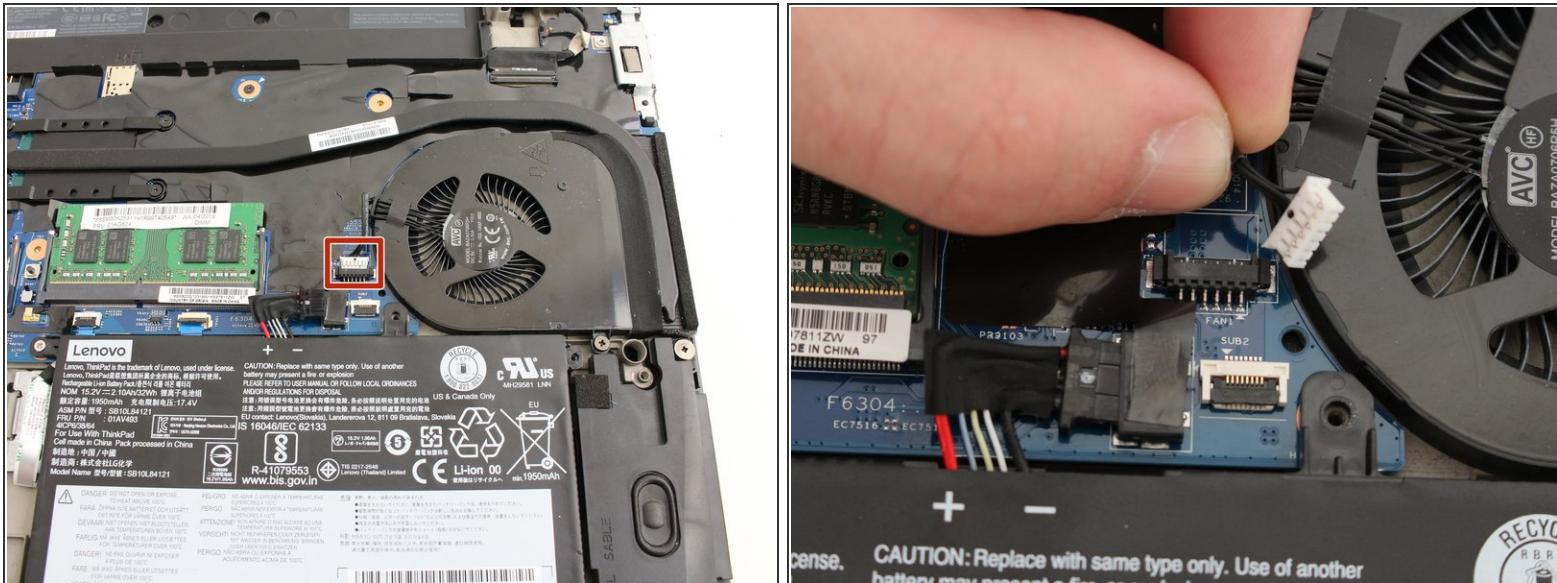
- Using a Phillips #000 screwdriver, unscrew eight 3.3 mm screws on the bottom of the laptop.
- The screws will not come out of the case.

## Step 5



- Run a plastic opening pick along the crease of the computer all the way around.
- Once all the clips are released, remove the bottom cover.

## Step 6 — Cooling Fan



- Unplug the cooling fan's cable from the the motherboard.

## Step 7



- Using a Phillips #000 screwdriver, unscrew five 4.6 mm screws fastening the fan and cooling pipe.
- (i)* The screws are set in the plastic and are not able to be removed from the fan parts.

## Step 8



- Remove the cooling fan directly upwards from the core.

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