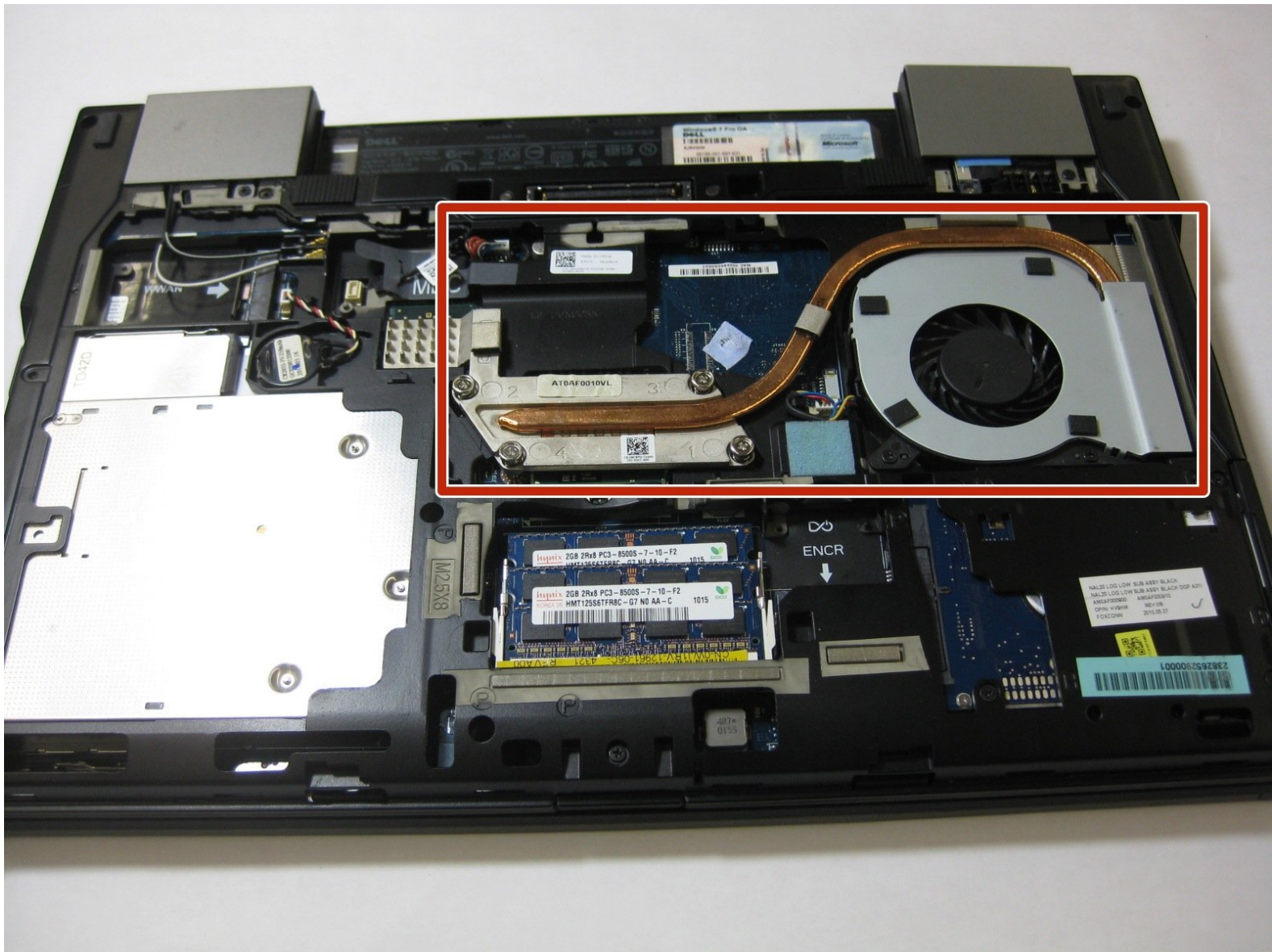




# Dell Latitude E6510 Heat Sink Replacement

Use this guide to help you replace the heat sink system in your Latitude E6510.

Written By: Noah



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## INTRODUCTION

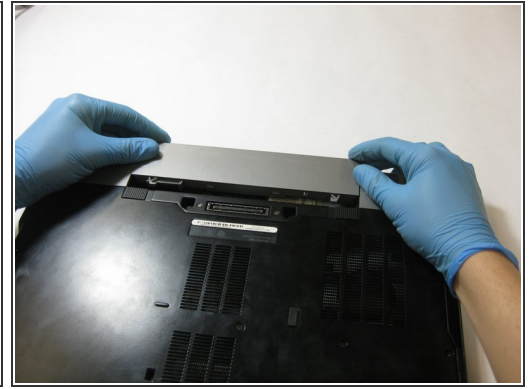
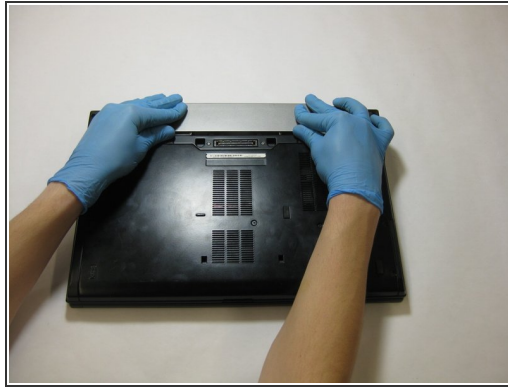
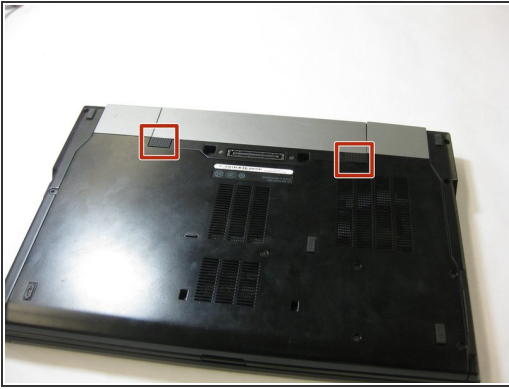
This guide will show you the process of removing and replacing the heat sink system in your Latitude E6510.



### TOOLS:

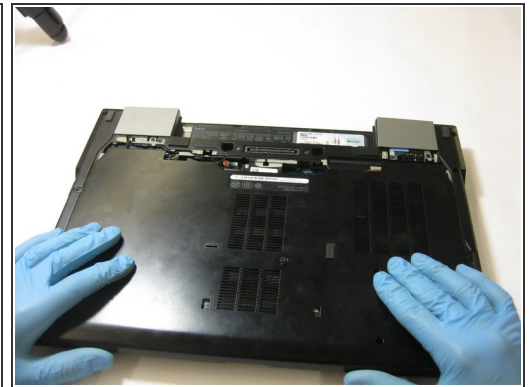
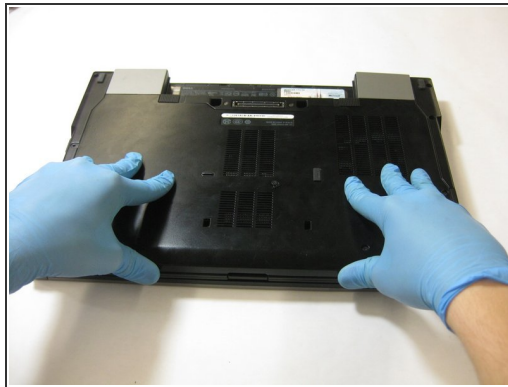
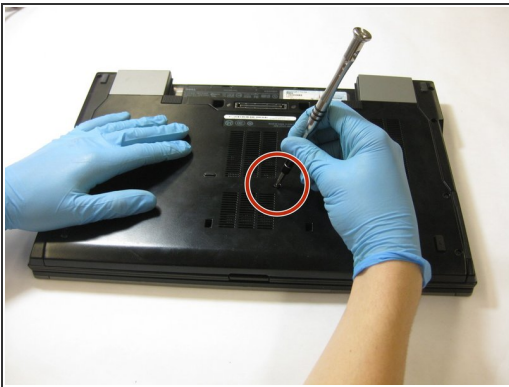
- [Phillips #1 Screwdriver](#) (1)
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## Step 1 — Heat Sink



- Locate the tabs that lock the battery in place.
- Push tabs towards each other while simultaneously pushing the battery away from the device.

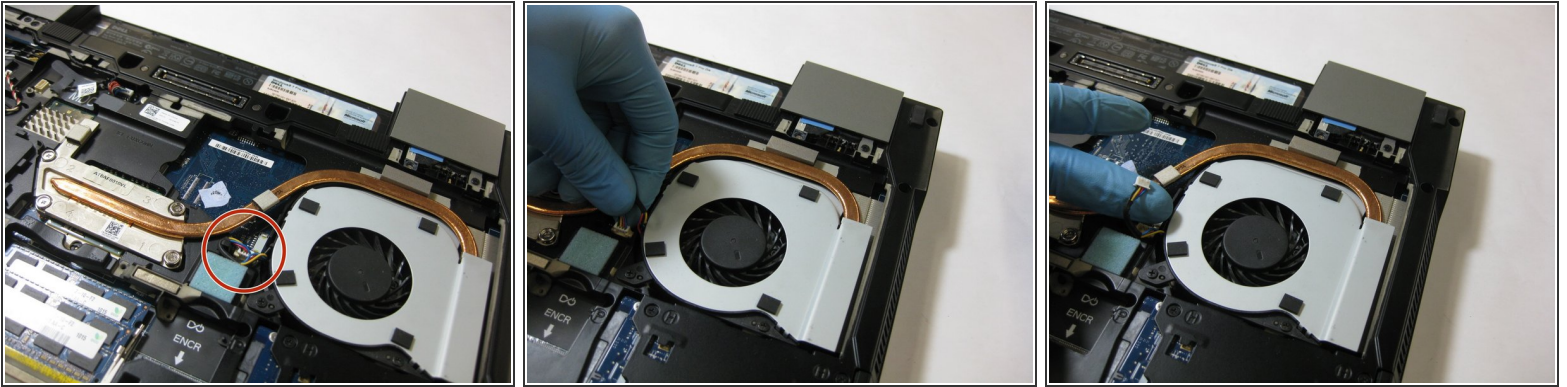
## Step 2



- Unscrew the screw located in the center of the back panel. Do not completely remove the screw, a spring will keep it in place when it has been loosened.
- Slide the panel back until it unlocks.



## Step 3



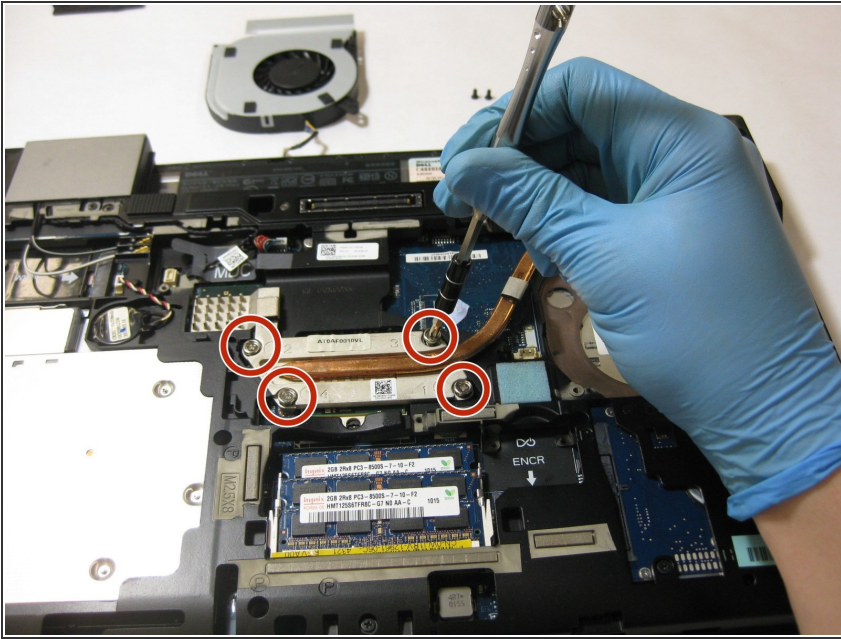
- Locate the fan plug.
- Pull up until it is unplugged from the receiver.
- ⚠ Take caution when unplugging the fan plug from the receiver.

## Step 4



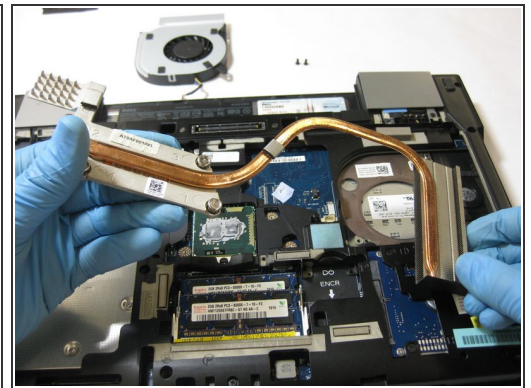
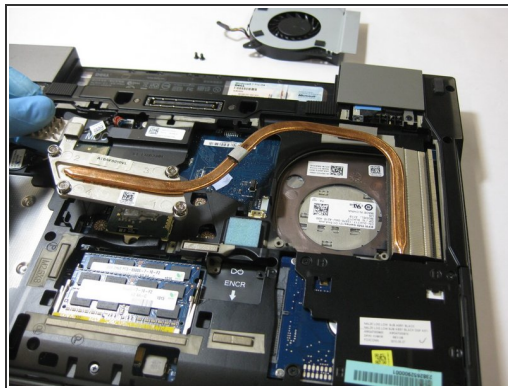
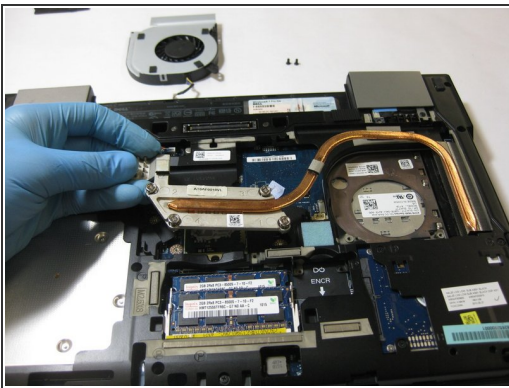
- Unscrew the two 5.5 mm screws securing the fan.
- Lift the end of the fan opposite the copper wire up.
- Pull the fan away from the device.

## Step 5



- Locate and loosen the four silver screws holding down the heat redistribute component.
- Do not completely remove the screws as springs keep the screws attached to the metal plate after you loosen them.

## Step 6



- Lift the metal plate up on the end closest to the screws.
- Slide the whole assembly away from where you removed the fan.

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