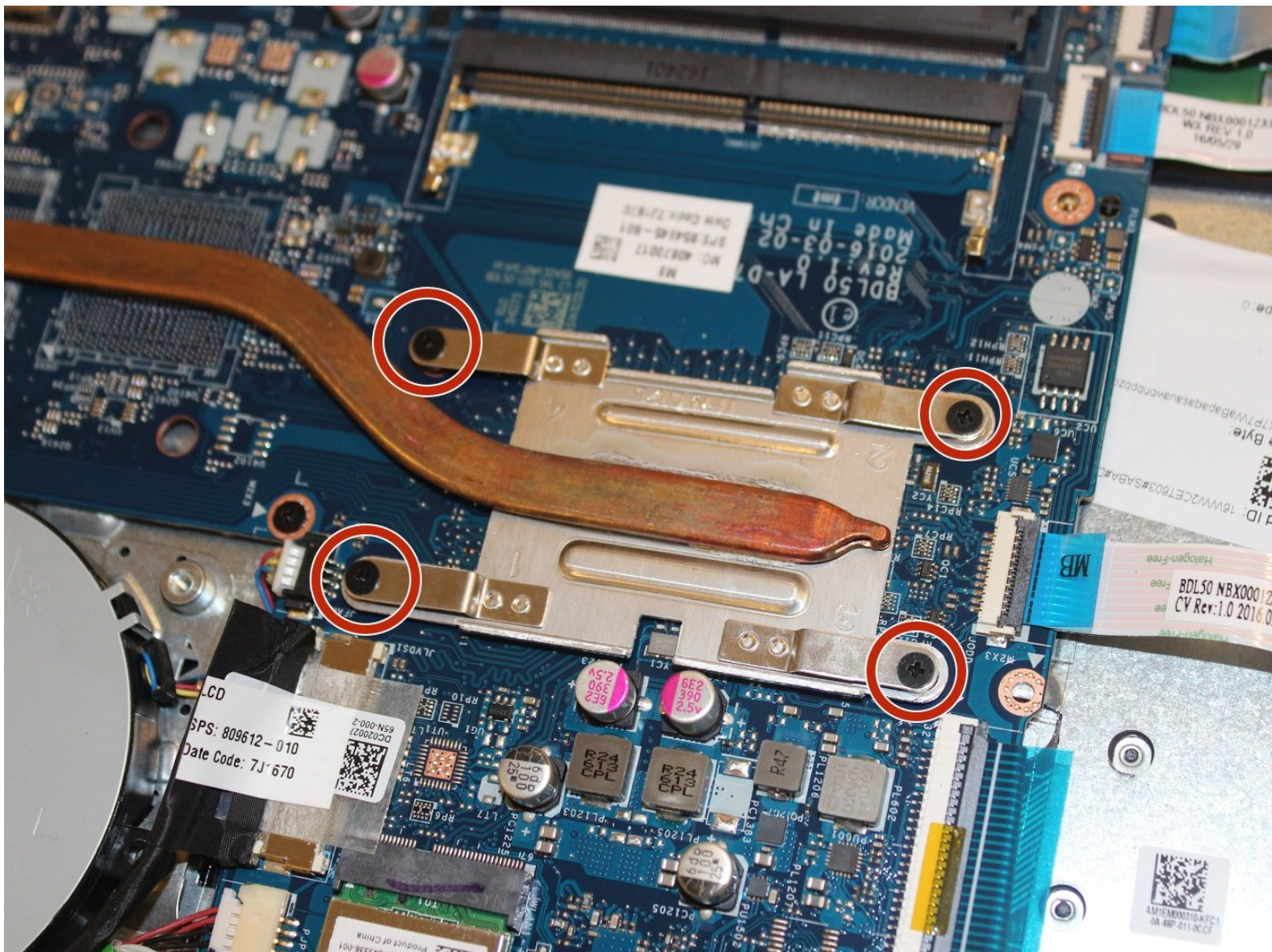# HP 15-ay014dx Heat sink Replacement

Removal and replacement of the heat sink on a HP 15-ay014dx laptop.

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INTRODUCTION

This guide will teach you how to safely remove the heat sink on a HP 15-ay014dx laptop for maintenance or replacement.
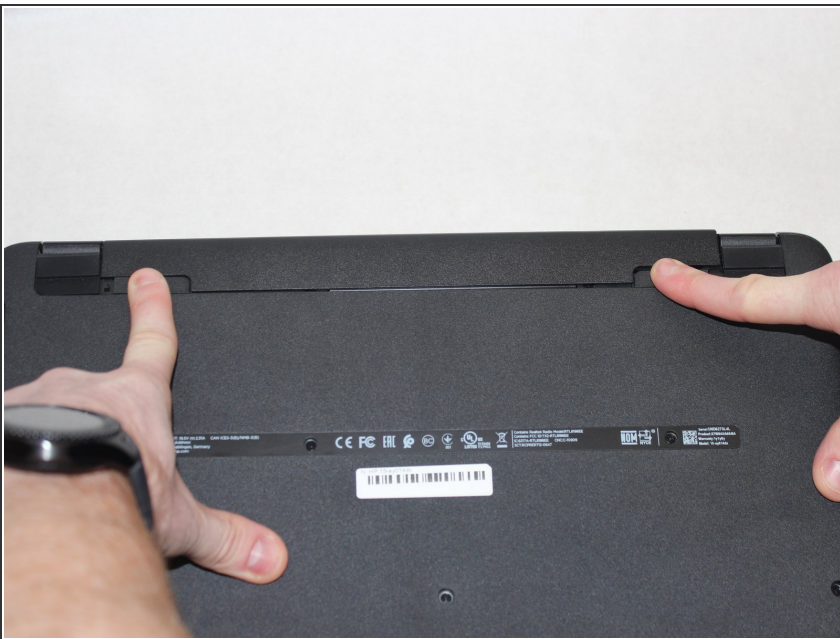

🔧 TOOLS:

- Phillips #00 Screwdriver (1)

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Step 1 — Battery

⚠️ Disconnect device from power source and power down.

Step 2

● With the device turned upside down, use your index fingers to push the battery latches in towards each other.

Step 3

- (i) The latch on your left will stay at the inward position, while the latch on the right will slide back out.

- Gently grasp the battery and pull it back away from the device and yourself.

Step 4 — Optical Drive

- Close the laptop and lay it down with the bottom facing up.

- Using a size #00 Phillips screw drive remove the screw holding in the optical drive.

Step 5

- Grip the optical drive and gently pull it out.
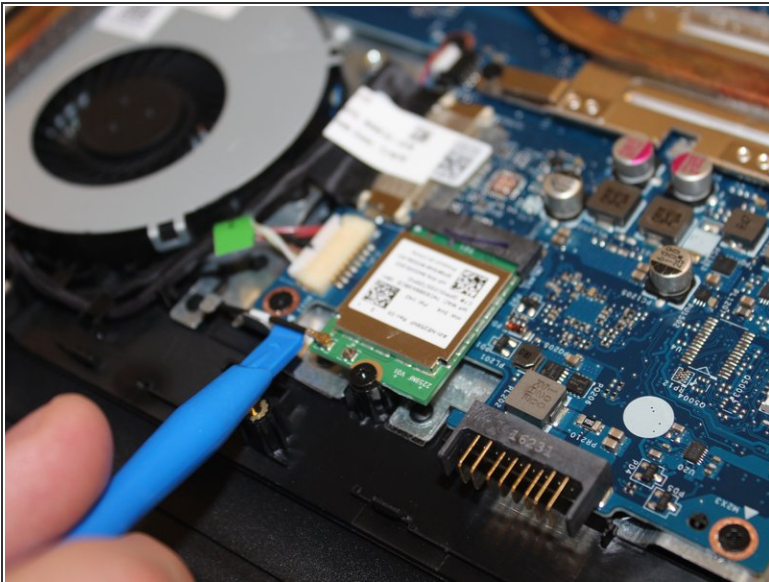
Step 6 — Wireless Card

- Remove the 11 screws holding the body of the laptop together with a size #00 Phillips screwdriver.

Step 7

- Using the spudger, push in the tabs in the back that hold the body together. Carefully pry the body apart by working the spudger around the body.
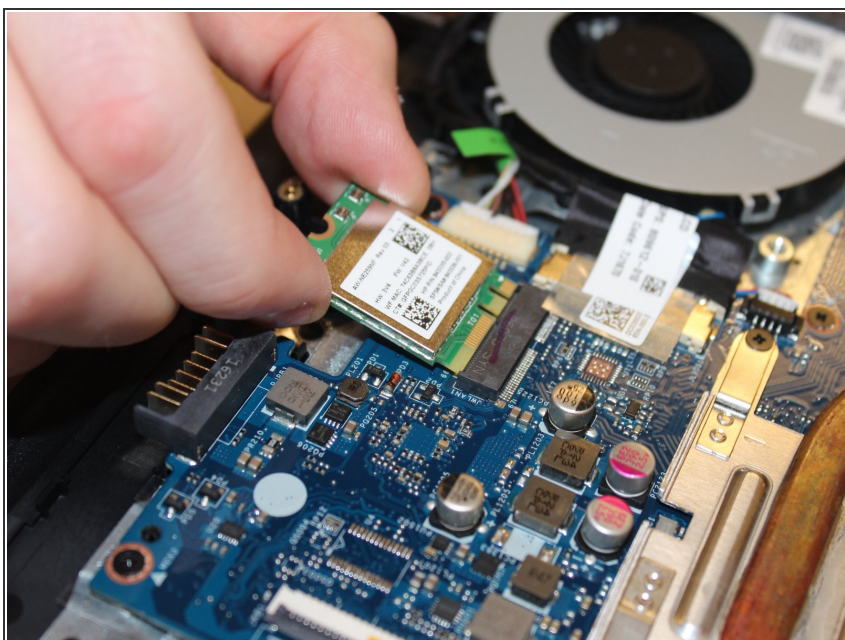
Step 8

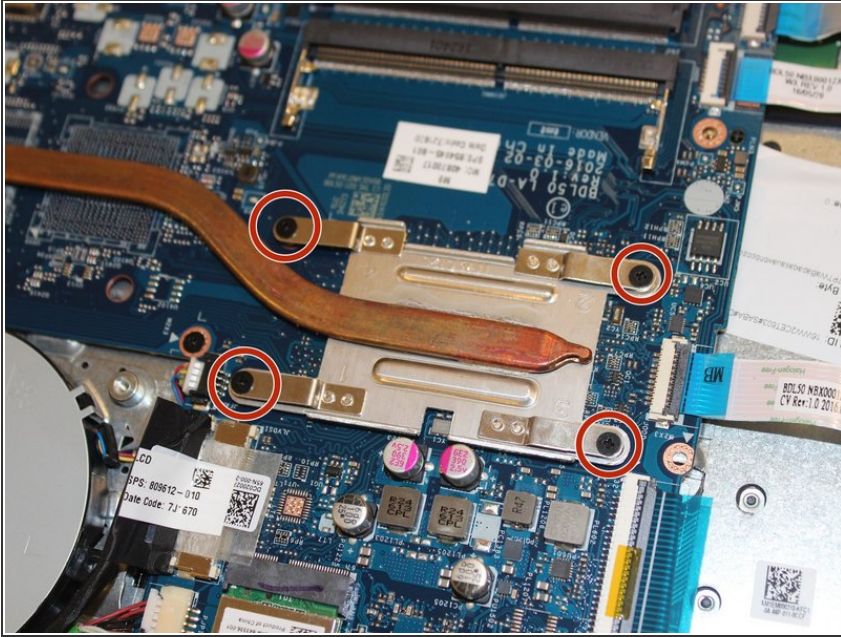- Using the spudger, carefully pry the wire connecting the wireless card to the motherboard off of it.

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Step 9

● Using the size #00 Phillips screwdriver remove the single screw holding it in place.
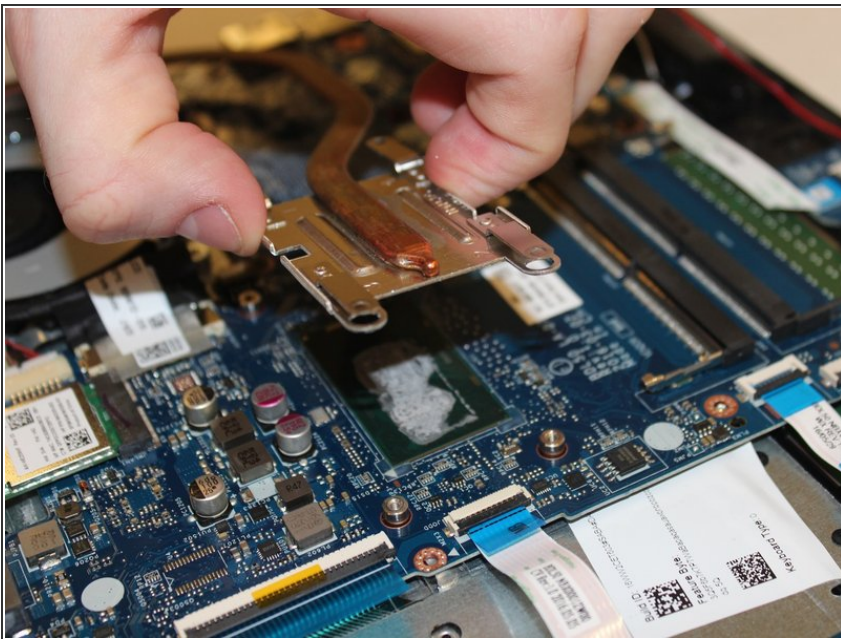
Step 10

● carefully pull the card of its slot.

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Step 11 — Heat sink

- Remove the four screws holding the heatsink on.

Step 12

- Carefully pry the heat sink up and out of position to un-stick it from the thermal paste.

- (i) When reassembling, follow these steps on How to Apply Thermal Paste underneath the heatsink.

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