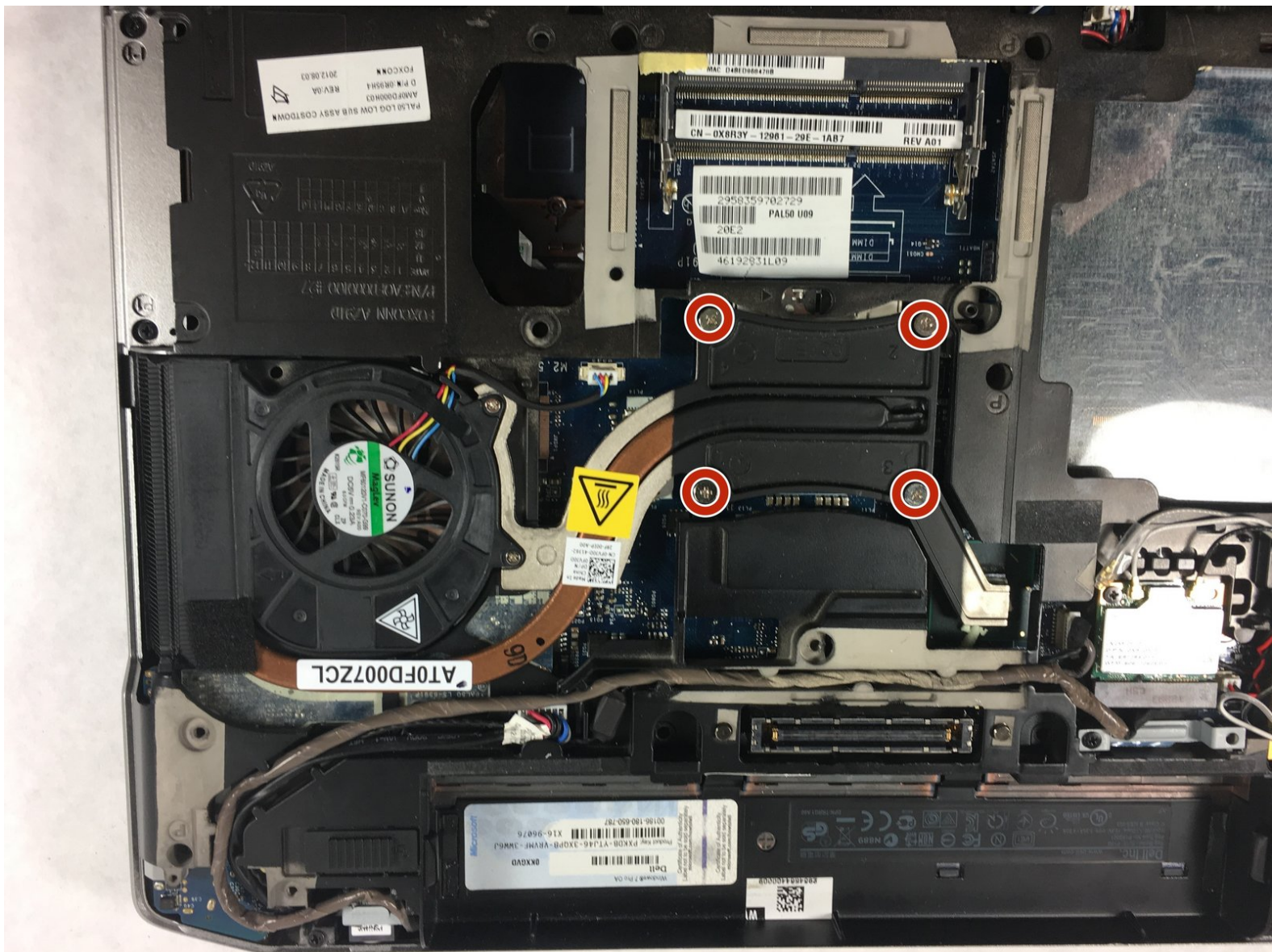




Dell Latitude E6420 Fan Replacement

How to replace a Dell Latitude E6420 fan.

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INTRODUCTION

If the fan isn't working properly, the laptop can overheat. This guide will show users how to replace the fan.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
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Step 1 — Battery



- Push the tabs on the left and right of the battery out towards the edge of the case.

Step 2



- While still pushing in the tabs, using your pinky finger, lift the battery out of the laptop.

Step 3 — CD/DVD Drive




- Push the button in on the CD/DVD drive to eject the drive.

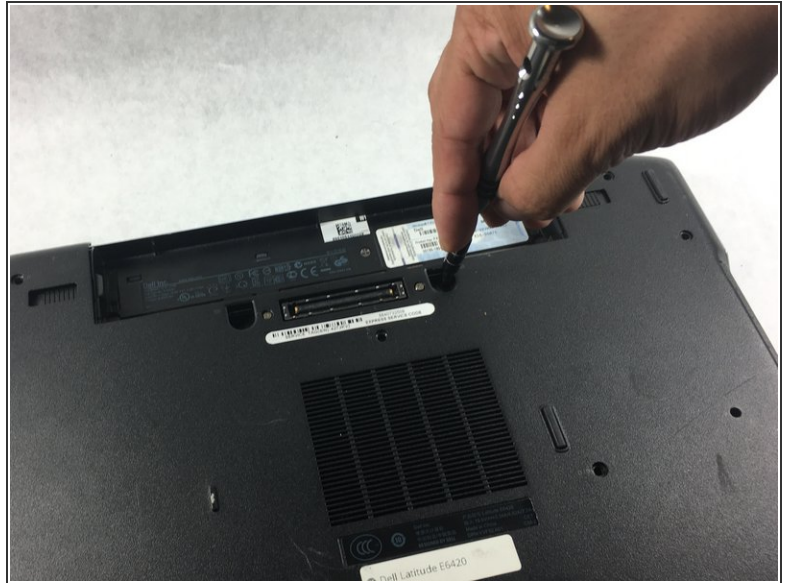
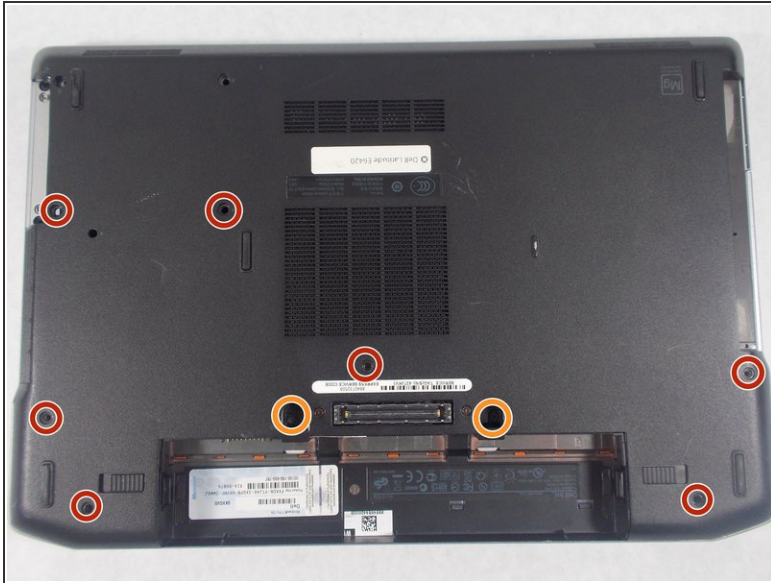
Step 4



- Slide the drive out of the laptop.

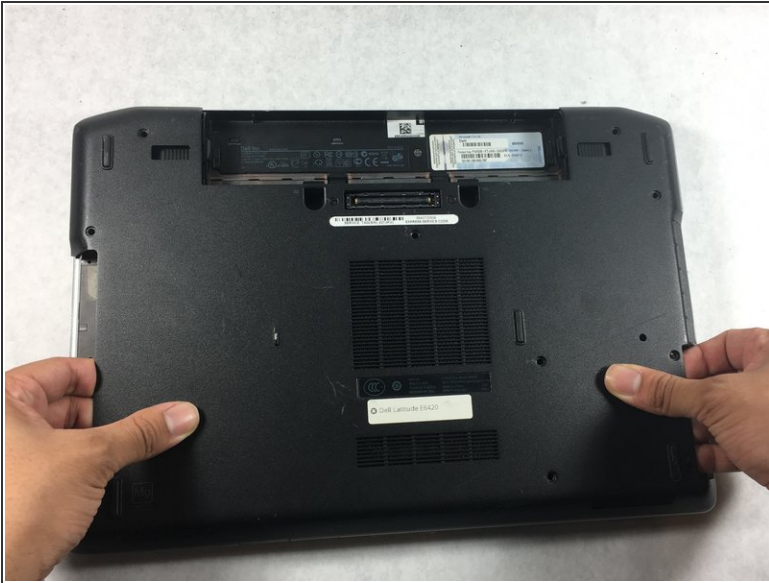
 When removing the drive, keep it flat to prevent damage to anything inside the laptop.

Step 5 — Backplate



- Using the screwdriver, remove seven 4mm Phillips #1 screws from the bottom of the laptop.
- Using the screwdriver, remove two 9mm Phillips #00 screws from the bottom of the laptop.

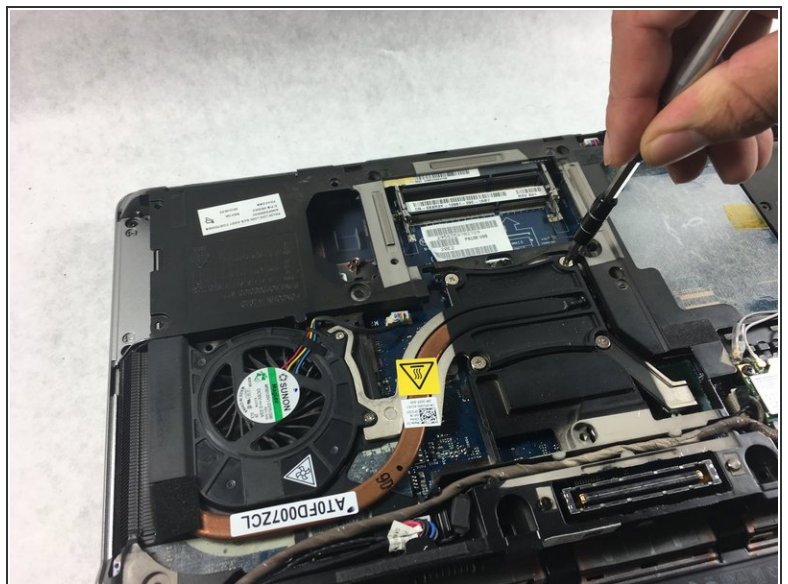
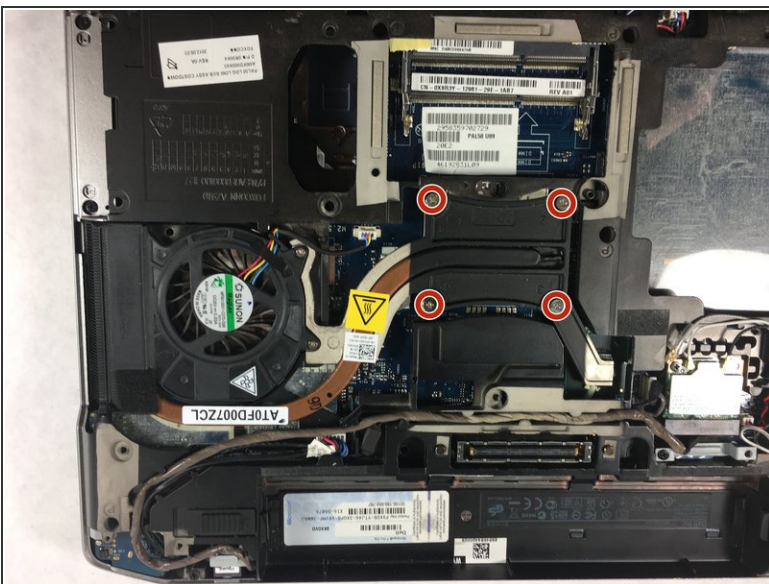
Step 6



- Gently lift the back plate off of the laptop making sure all of the tabs on the inside perimeter of the back plate are unhooked before lifting.

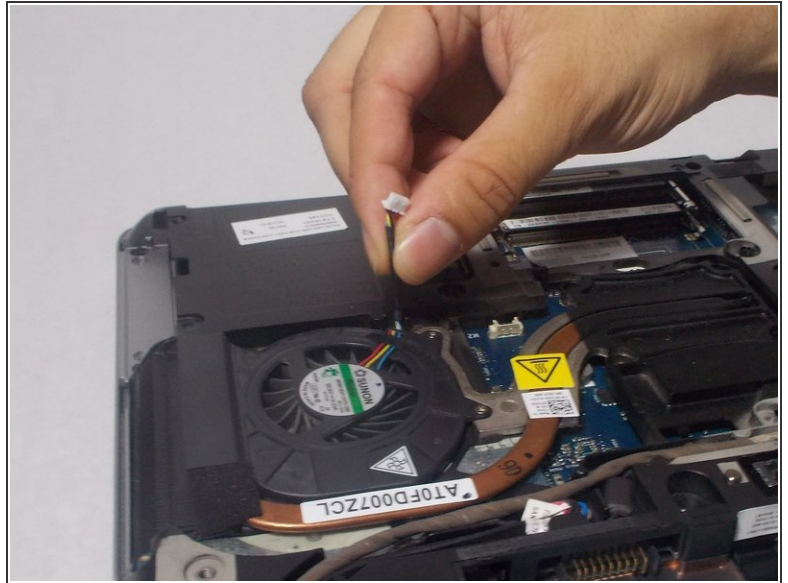
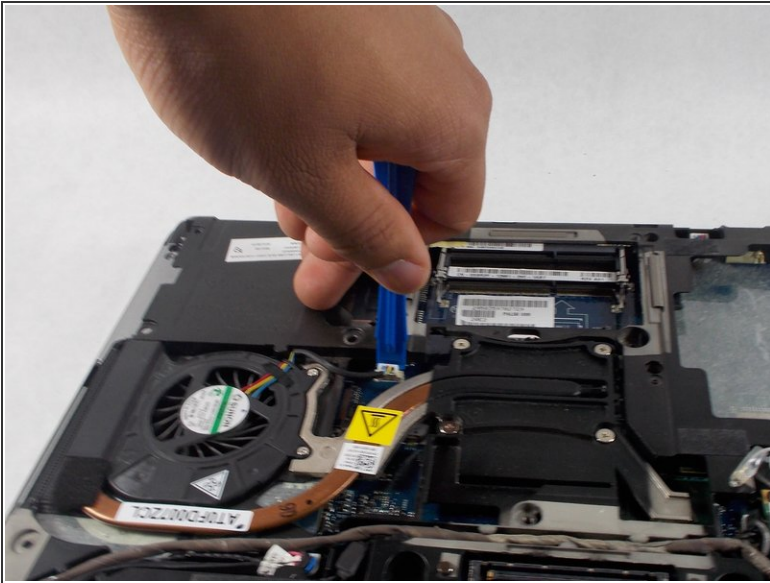
⚠ Be careful when removing the backplate. Lifting the backplate while the tabs are still hooked in will result in broken tabs.

Step 7 — Fan



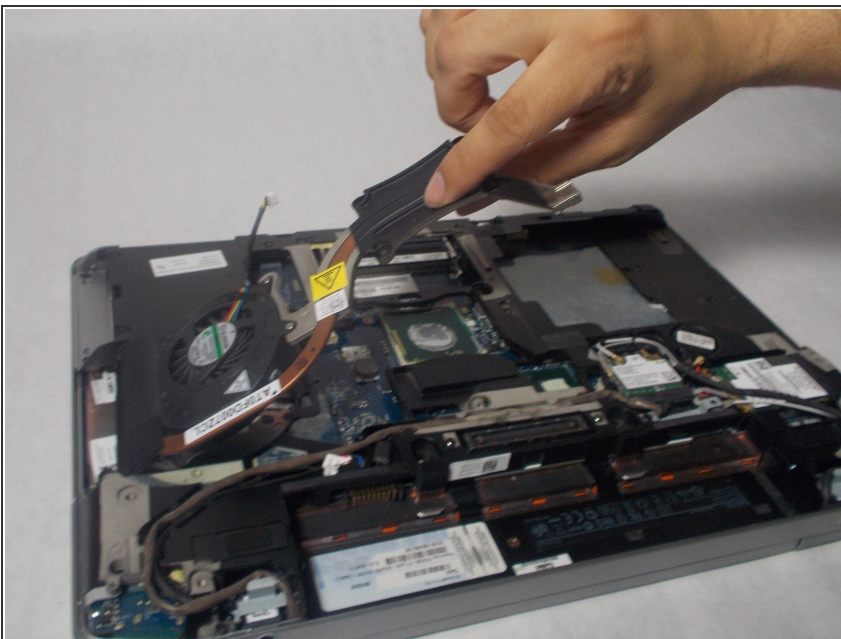
- Using the screwdriver, remove four 10mm Phillips #0 spring screws from the fan assembly.

Step 8



- Use the plastic opening tool to unclip the connector.

Step 9



- Lift the fan out of the laptop.

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