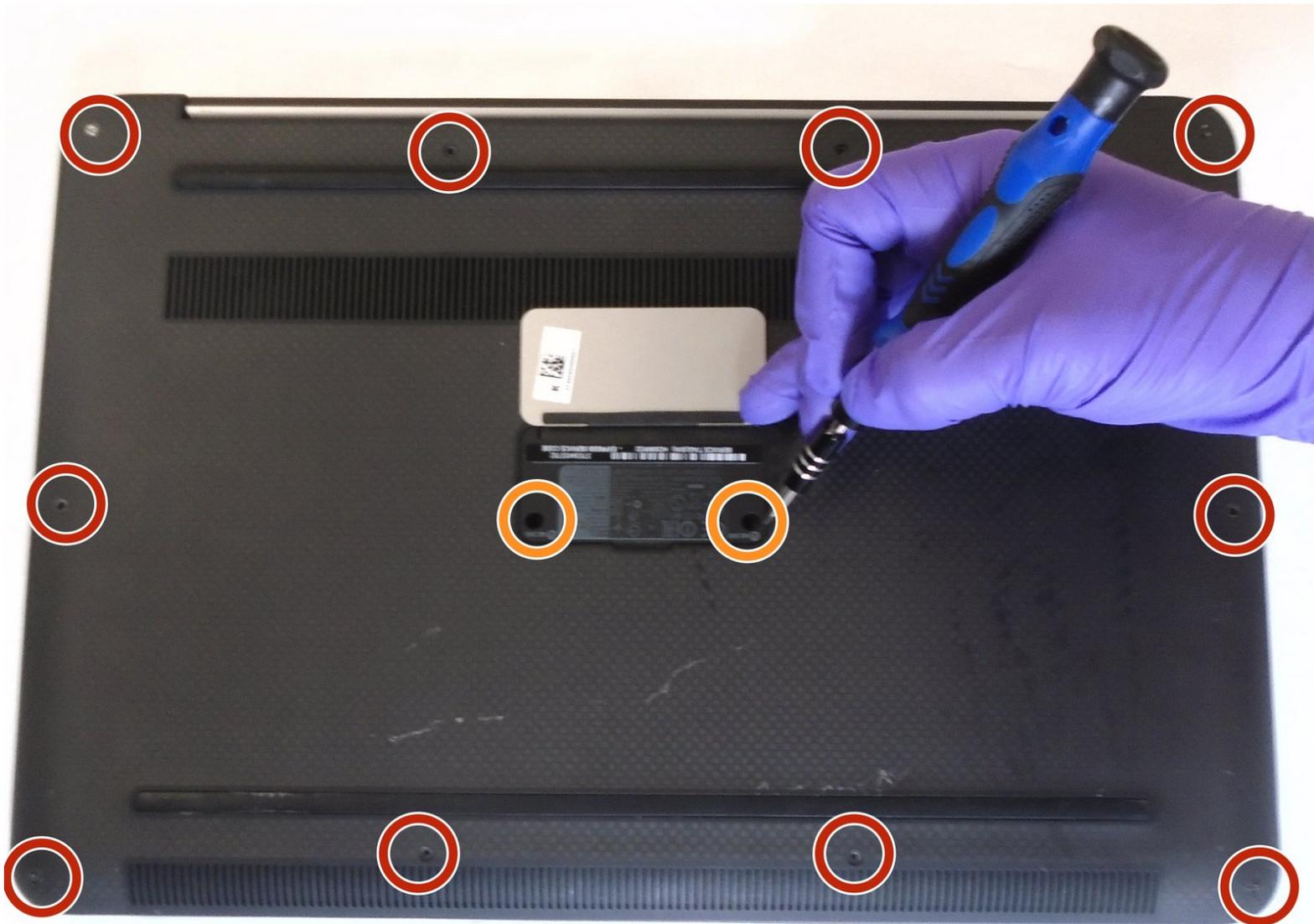




Dell XPS 15 9530 Fan Replacement

This guide walks through a fan replacement for Dell XPS 15 9530 laptop.

Written By: Chien Shih



INTRODUCTION

The Dell XPS 15 9530 touchscreen laptop has an easily accessible fan that is relatively simple to replace. The purpose of the fan is to distribute cool air over the internal components of the laptop and prevent them from overheating. If the laptop is generating excessive noise or heat, the fan should be inspected for dust or blockage. Use a dry microfiber cloth or compressed air to clean the fan. If problems persist, it may be time to replace the fan. Make sure to perform any maintenance on a flat non-carpet surface and use ESD-safe tools to prevent static buildup. Turn off the laptop entirely and back up any crucial data before opening up back panel.

TOOLS:

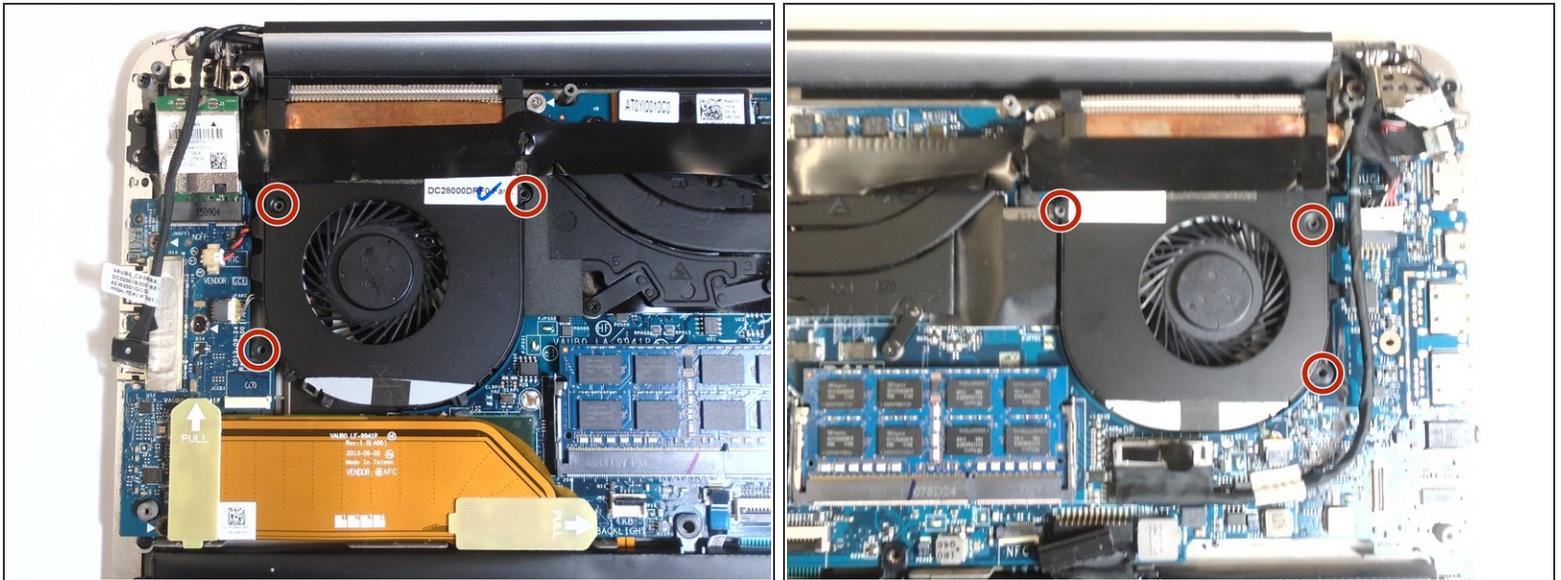
- [T5 Torx Screwdriver](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Metal Spudger](#) (1)
-

Step 1 — Fan



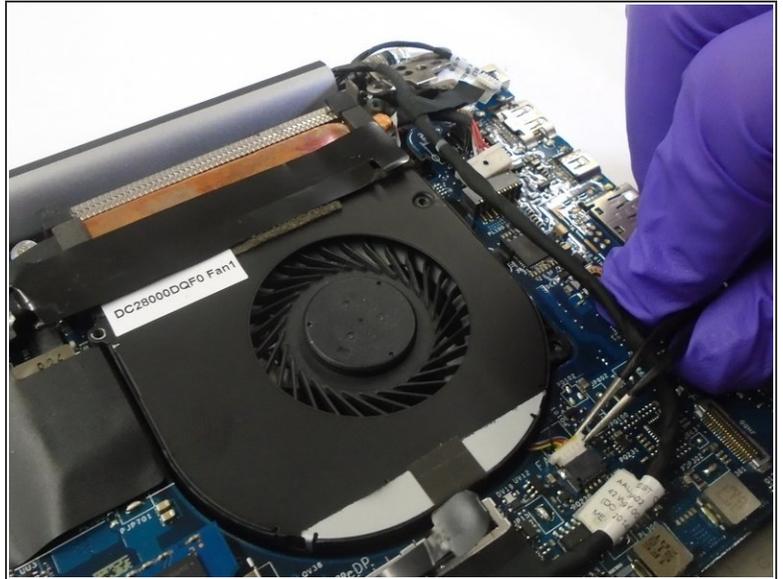
- Turn the laptop upside down.
- Unscrew ten 3 mm screws on the back cover with a Torx T5 screwdriver.
- Remove two more 3 mm screws with a Phillips #0 screwdriver.

Step 2



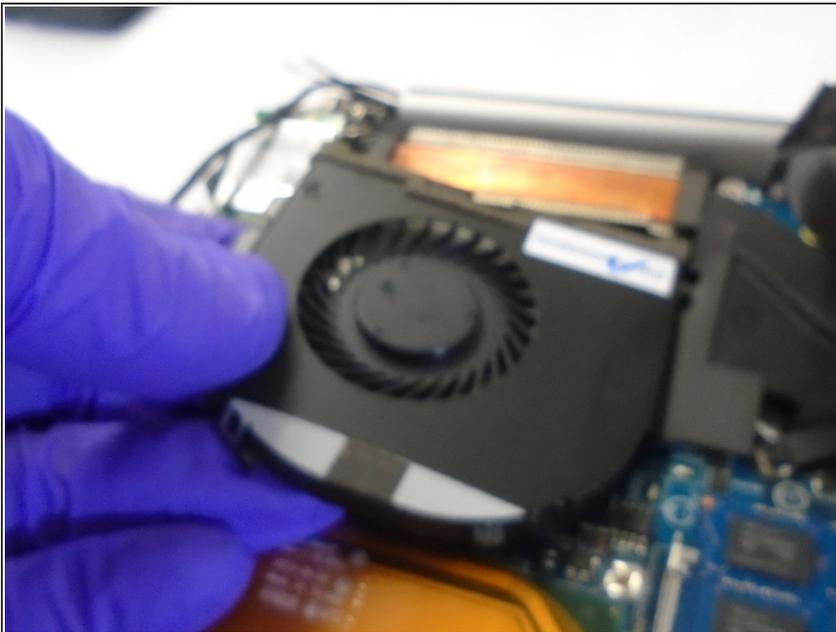
- Use the Phillips #0 screwdriver to unscrew the three screws on each fan.

Step 3



- Use metal tweezers to carefully unplug the fan cables from the motherboard.

Step 4



- Remove the fans by gently lifting up the edges until the fans disconnect from the motherboard completely.

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