Dell XPS 12 9Q23 Fan Replacement

Written By: DJ Jackson

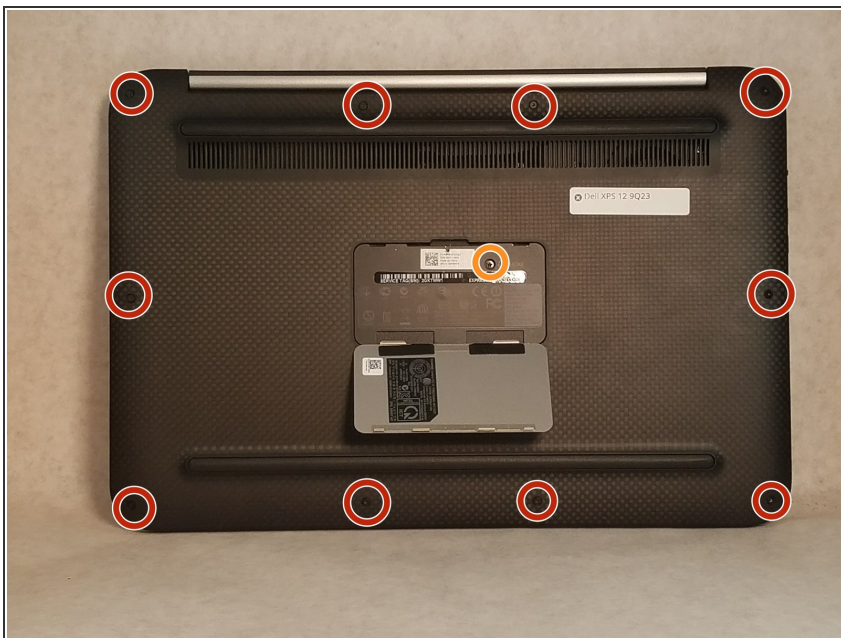## 🔧 TOOLS:

- [T5 Torx Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Thermal Paste](#) (1)

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Step 1 — Fan

- Close the laptop, flip the laptop over, and pop off the back panel with a flathead screwdriver. The panel will be hanging by the hinges once open.
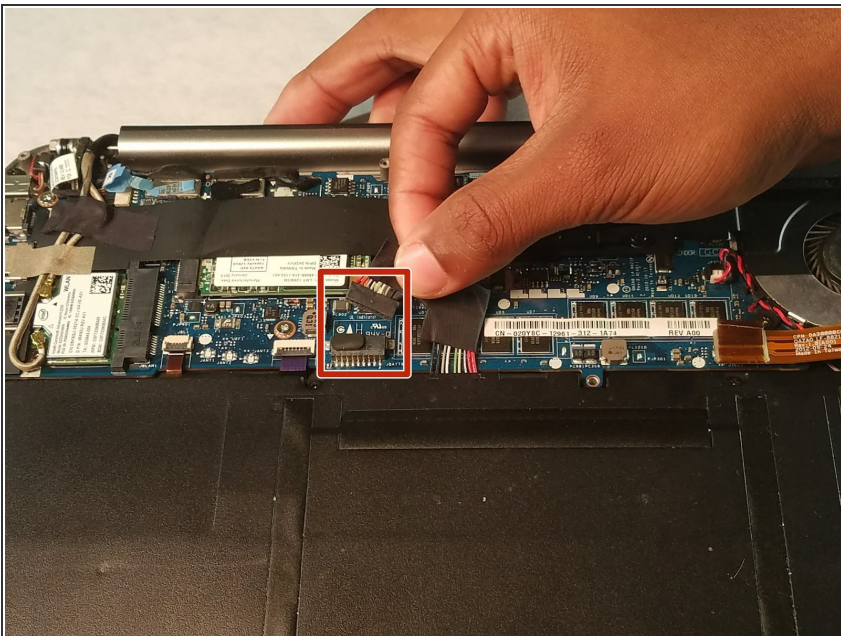
Step 2

- Use a T5 Torx screwdriver to remove the screws along the edge of the bottom cover.
  - ⓘ Use a magnetic board if possible to keep track of screws
- Open the center cover and use a Phillips #00 screwdriver to remove single screw.
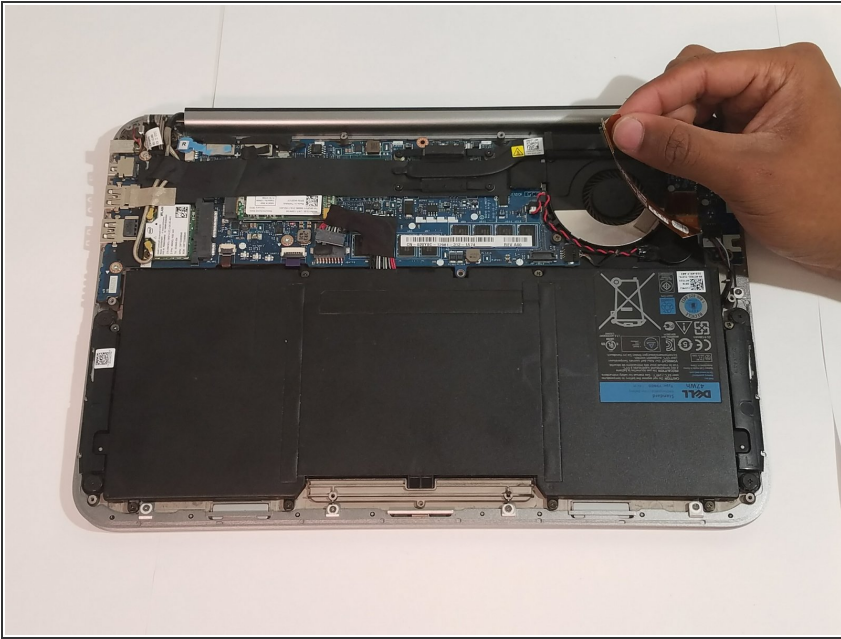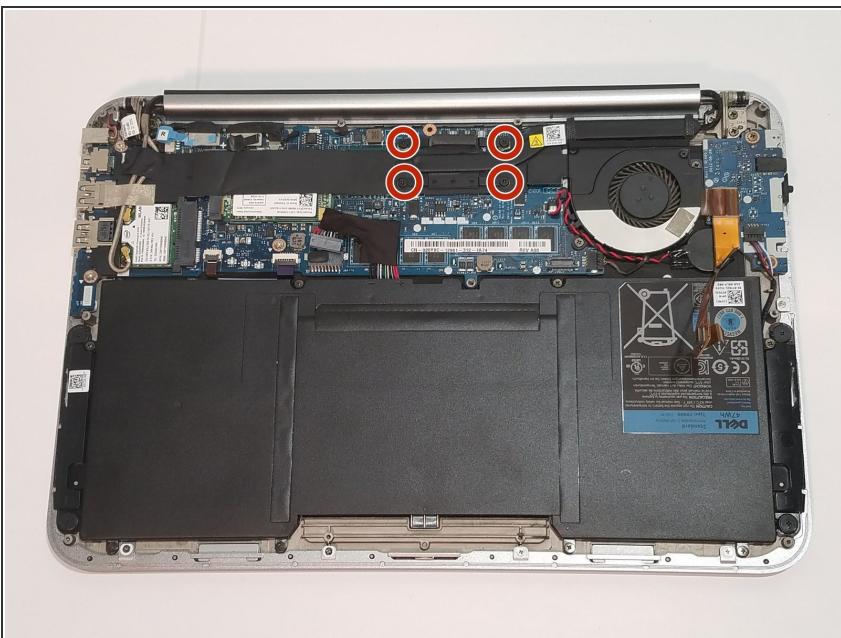
Step 3

- Carefully remove back cover

Step 4

- Disconnect the battery to prevent electrical shock.
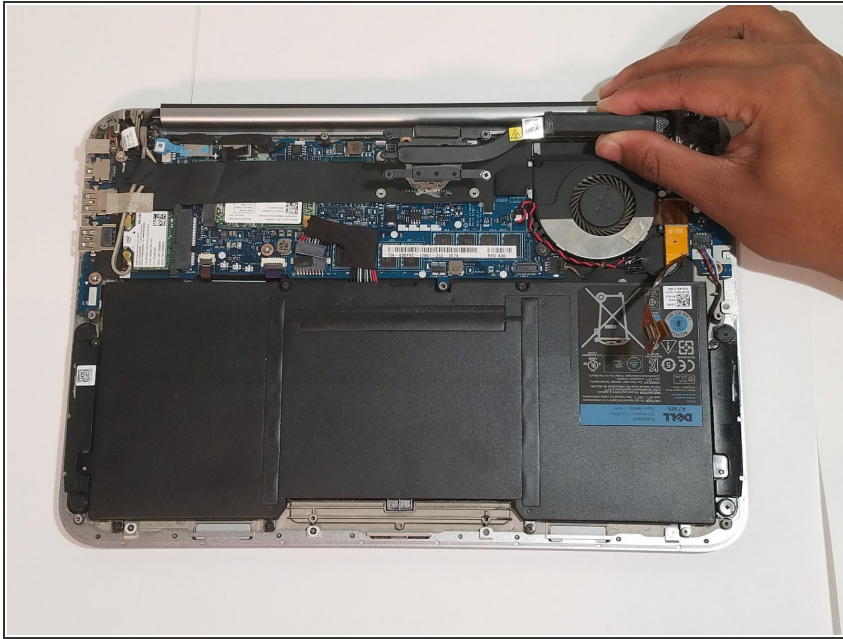
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Step 5

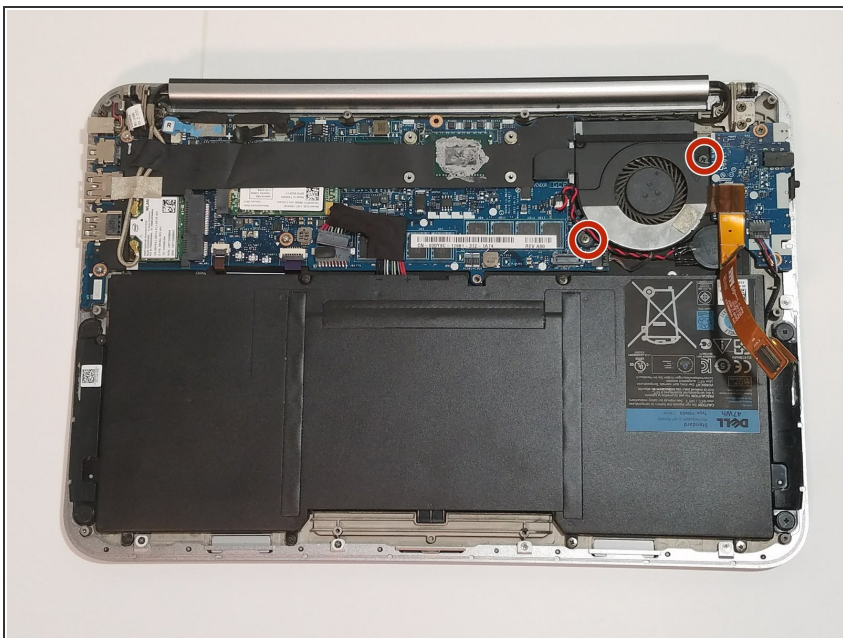- Disconnect amber-colored daughter cable.

Step 6

- Use a Phillips #00 screwdriver to loosen the screws that secure the heatsink.
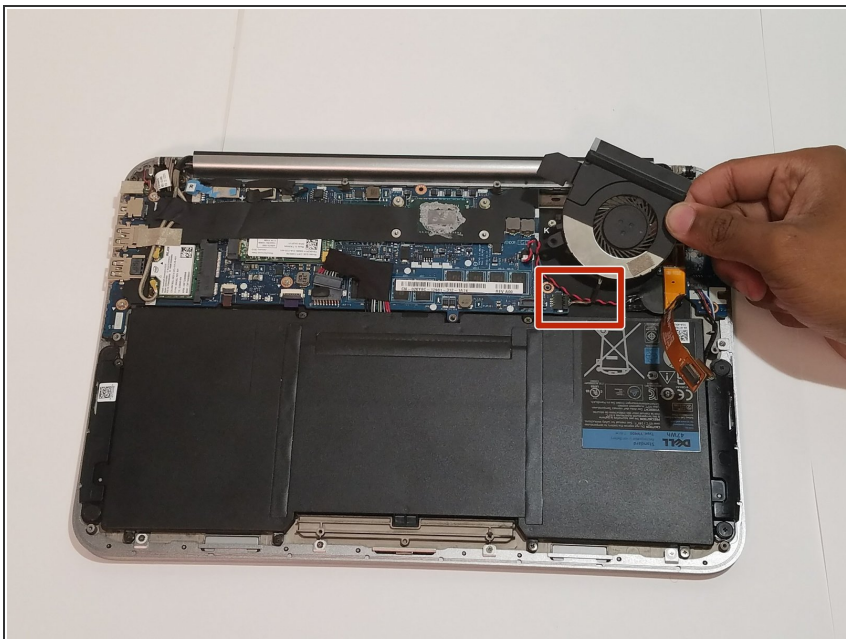 - (i) Screws cannot be fully removed from heatsink.

Step 7

- Remove the heatsink.
  - (i) Heatsink is a device used for absorbing heat and necessary to remove to reach the fan.
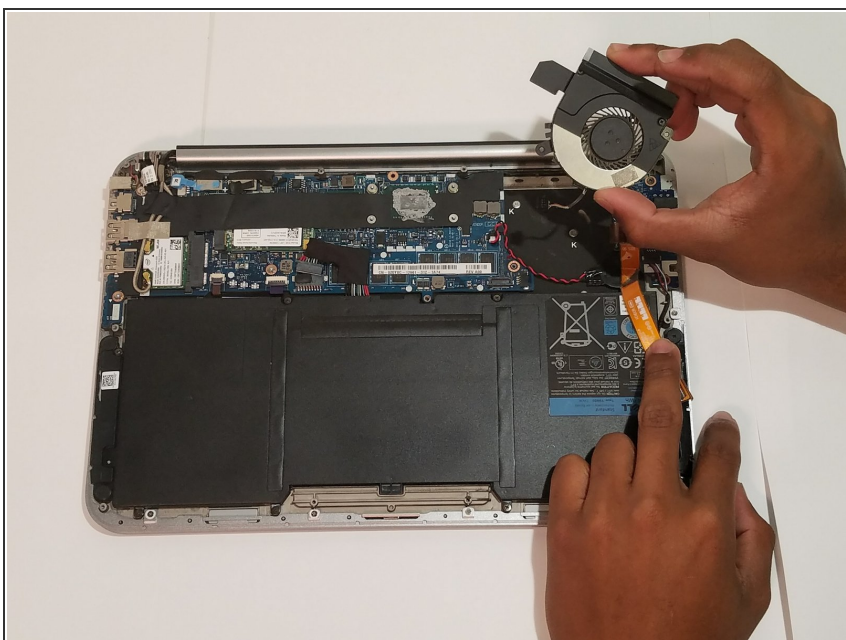
Step 8

- Use Phillips screwdriver to remove cooling fan screws.

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Step 9

- Unplug fan cable.

Step 10

- Fan can now be removed and a new one can be installed.

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

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