



HP Pavilion 17-g192dx Cooling Fan Replacement

How to replace the cooling fan in a HP Pavilion 17-g192dx.

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INTRODUCTION

Due to the unpredictable and limited life of the cooling fan replacement is needed to keep the computer running optimally.

TOOLS:

- [Metal Spudger \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Phillips #00 Screwdriver \(1\)](#)

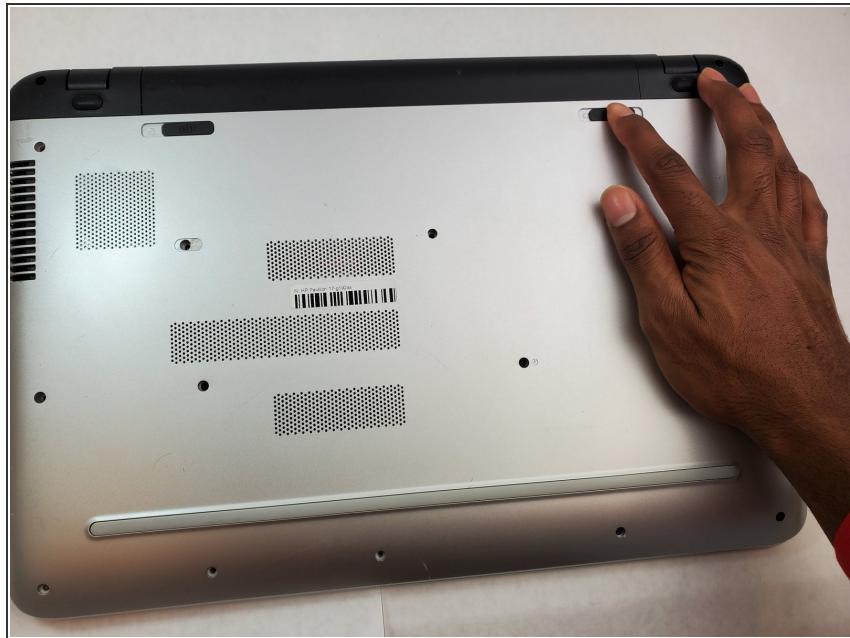
Step 1 — Battery



 Turn off the laptop.

- Slide the battery lock to the right until you see the open lock symbol.

Step 2



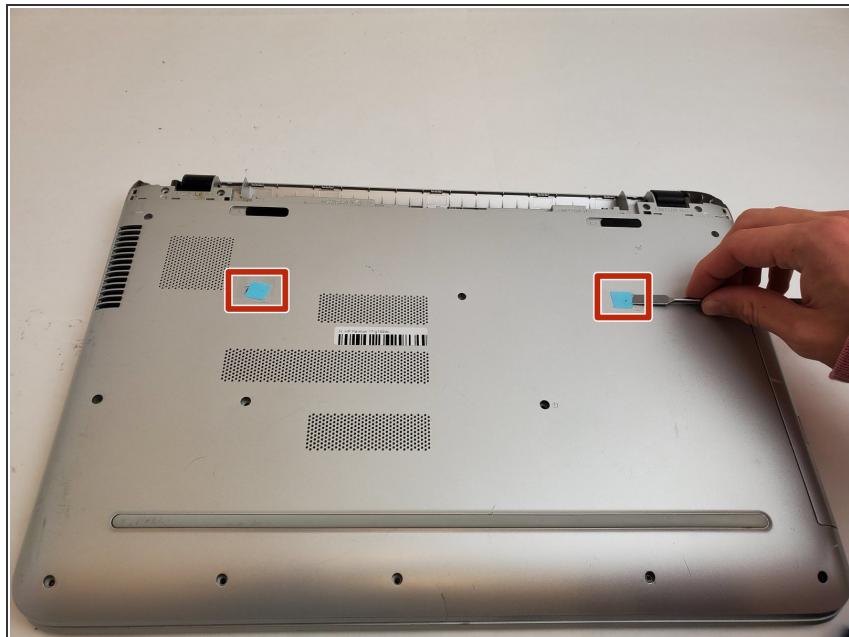
- Slide the battery release to the left until the battery pops up.
-  This may require significant force.

Step 3



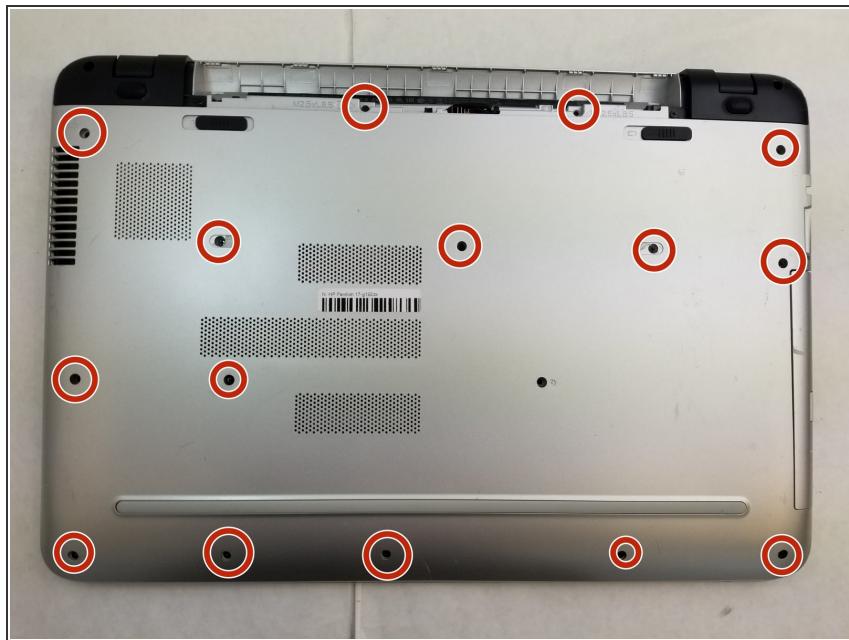
- Lift the battery up.

Step 4 — HP Pavilion 17-g192dx Disassembly



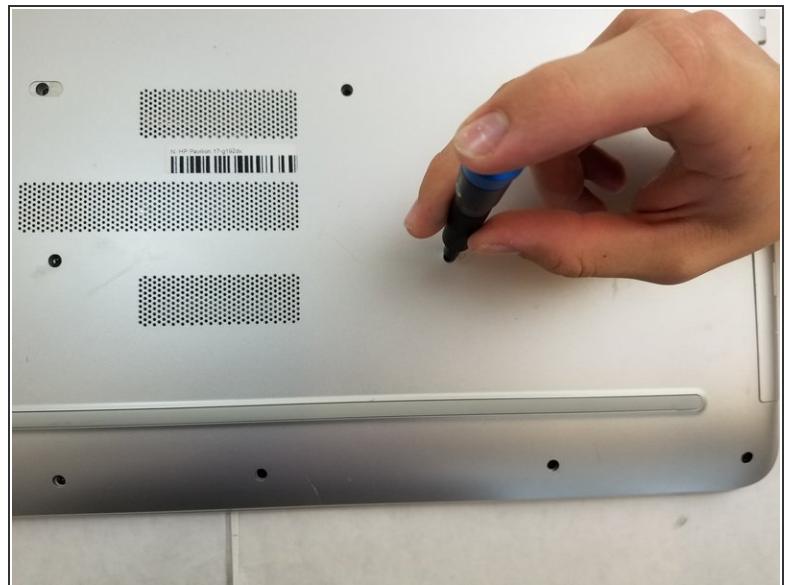
- Using the metal spudger, pry up the screw covers.

Step 5



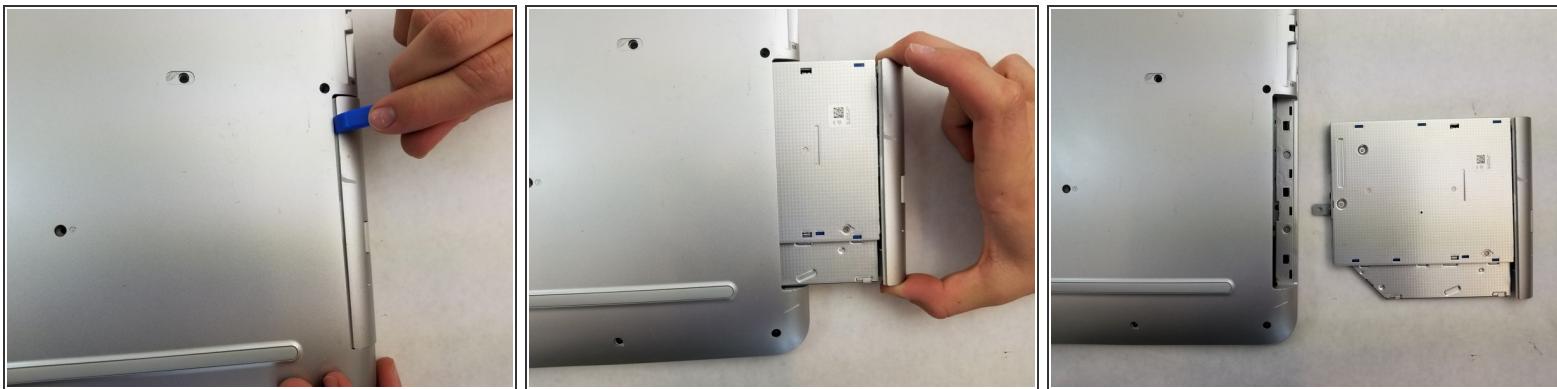
- Remove the fifteen 7mm screws holding the back casing on using the Phillips #00 screwdriver.

Step 6



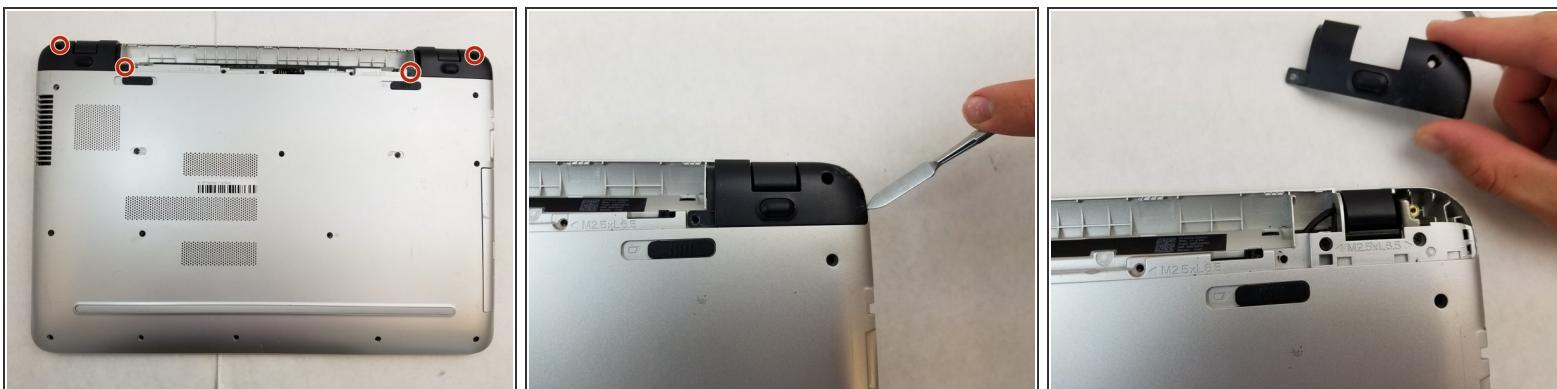
- Remove the 7mm screw holding the disc drive in place using the Phillips #00 head screwdriver.

Step 7



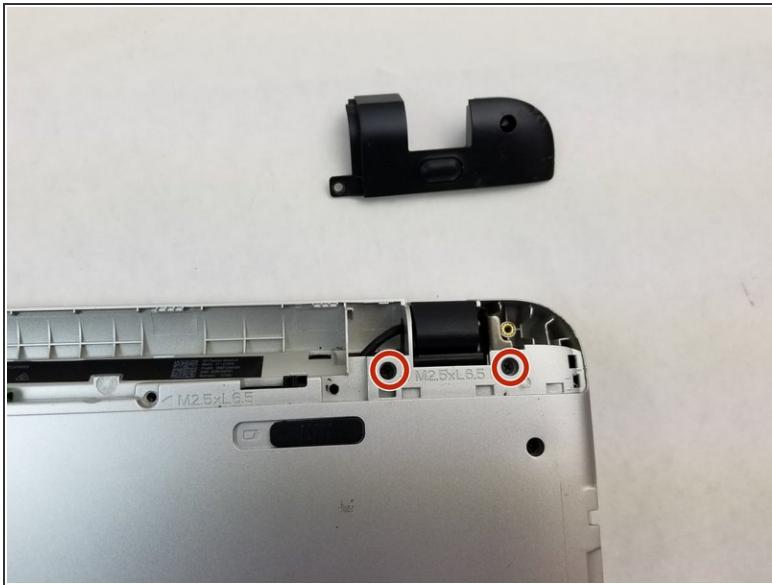
- Using an iFixit opening tool, push the disc drive away from the outer case.
- Once the disk drive is out far enough it easily slides out.

Step 8



- Remove the four 7mm screws holding the back resting plates on using the Phillips #00 screwdriver.
- Using a metal spudger lift up on the back resting plate until it pops off.

Step 9



- Remove the two 7 mm screws behind the plate using a Phillips #00 screwdriver.

Step 10



- Pry up on the case with an iFixit opening tool until you can feel a snap.
- Pry around the remainder until you can separate the case from the keyboard with your hands.
- Gently separate the two.

Step 11 — Cooling Fan

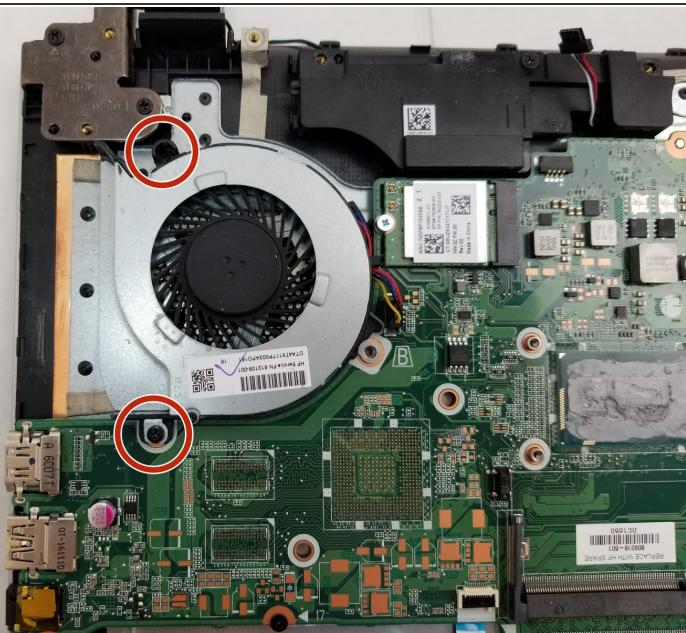


- Remove the four 2mm screws on the heatsink with a Phillips #00 screwdriver.
- Remove the heatsink.

(i) When setting the heatsink down, set it face down to avoid putting the thermal paste on the work surface.

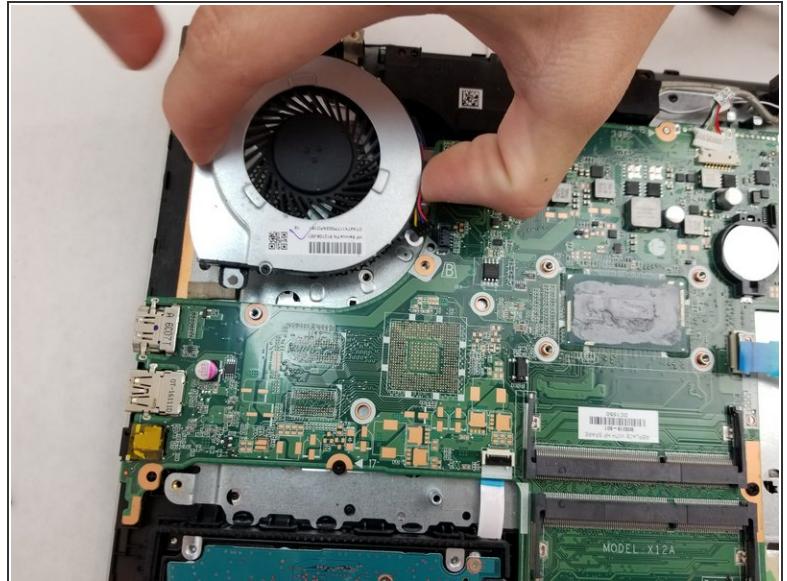
- When reinstalling the heatsink, be sure to clean the contact surfaces and [reapply fresh thermal paste](#).

Step 12



- Remove the two 5mm screws holding the fan in place using the Phillips #00 screwdriver.

Step 13



- Unplug the cooling fan from the motherboard.
- Remove the cooling fan.

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