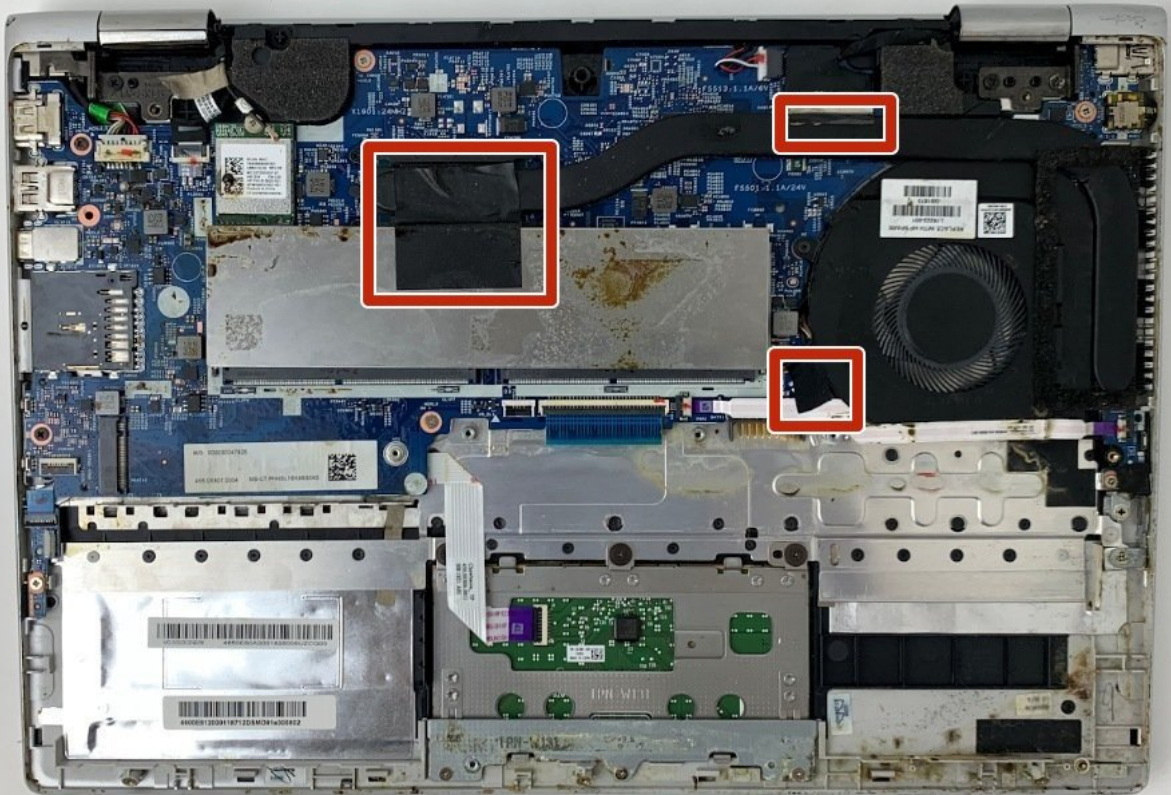# HP Pavilion x360 14m-cd0005dx Heat Sink and Fan Replacement

Use this guide to aid the removal and replacement of the HP Pavilion x360 14m-cd0005dx fan and heat sink.

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INTRODUCTION

Use this guide to aid in the removal and replacement of the fan and heat sink to any HP Pavilion x360 14m-cd0005dx laptop. Replace the fan if the computer cannot stay cool during use. For further information as to whether the fan and heat sink should be replaced, look at this troubleshooting guide.

The fan and heat sink are essential parts of any laptop. After replacing the fan, an increase in computer performance can occur as components that were formerly overheating are now able to run at full capacity. If the fan and heat sink needs to be replaced but are not, further damage to the system can quickly happen. Device components may break down and melt if they are not cooled properly. It is far easier for a laptop to overheat when the fan and heat sink aren't functioning correctly.

🔧 TOOLS:

- Phillips #0 Screwdriver (1)
- iFixit Opening Tools (1)
- Phillips #00 Screwdriver (1)
- Metal Spudger (1)

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Step 1 — Back Cover

- Turn off and shut down the computer.

- Disconnect the power adapter and all external devices connected to the computer.

- ⚠️ Do not work with the device powered on. It may result in bodily harm through electric shock.

Step 2

- Flip the device with the backplate up and with the hinge on the far side.

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Step 3

- Use the opening tool to remove the rubber feet attached to the bottom of the device.
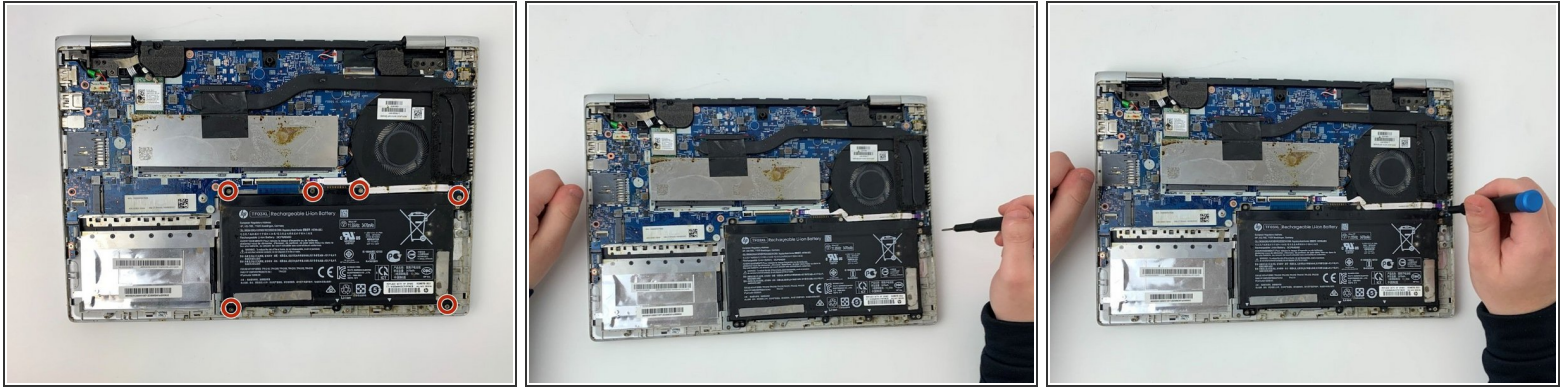
Step 4

- Remove all screws located on the bottom of the device:
  - Two Phillips #0 7.0mm screws
  - Three Phillips #00 4.5mm screws

📌 Make sure to keep track of all screws removed from the device.
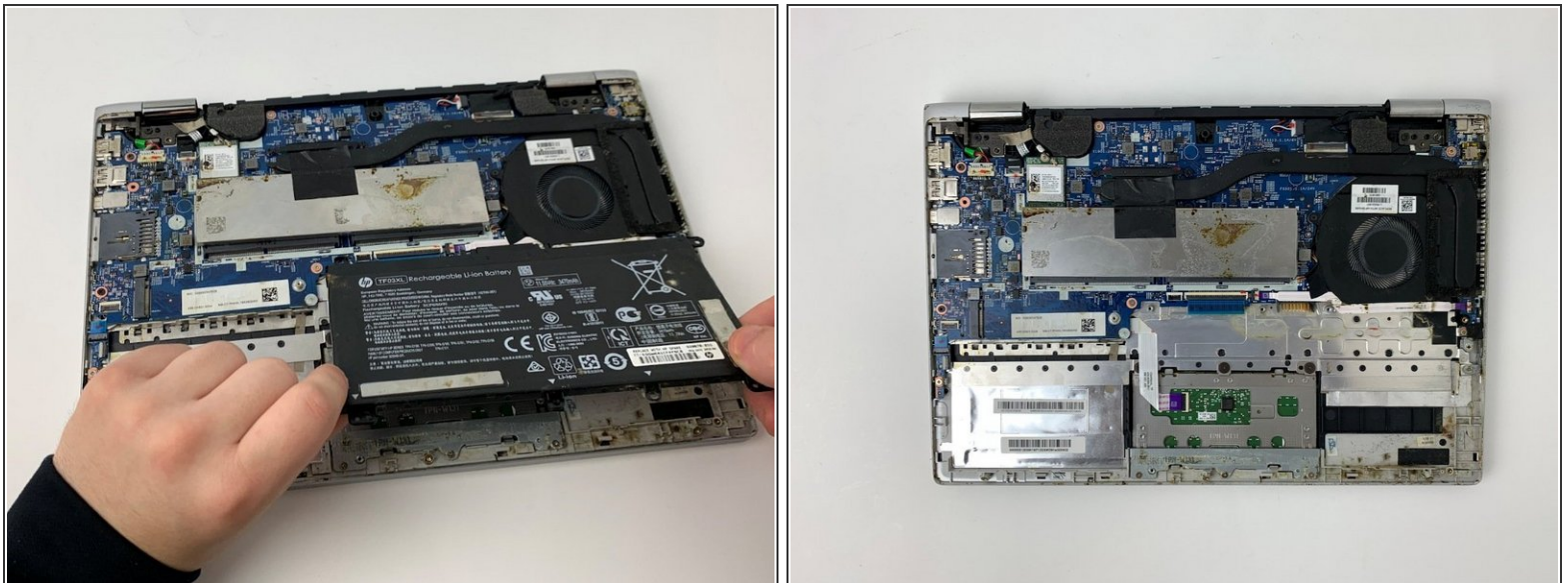
Step 5

- Using the opening tool, carefully remove the bottom cover from the device.
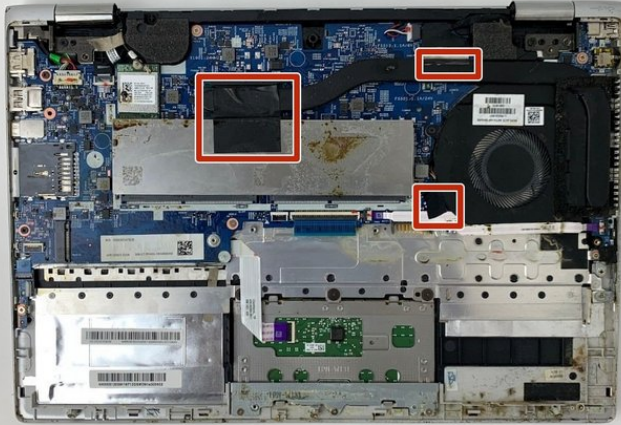
Step 6 — Battery

- Use a #00 Phillips screwdriver to remove:
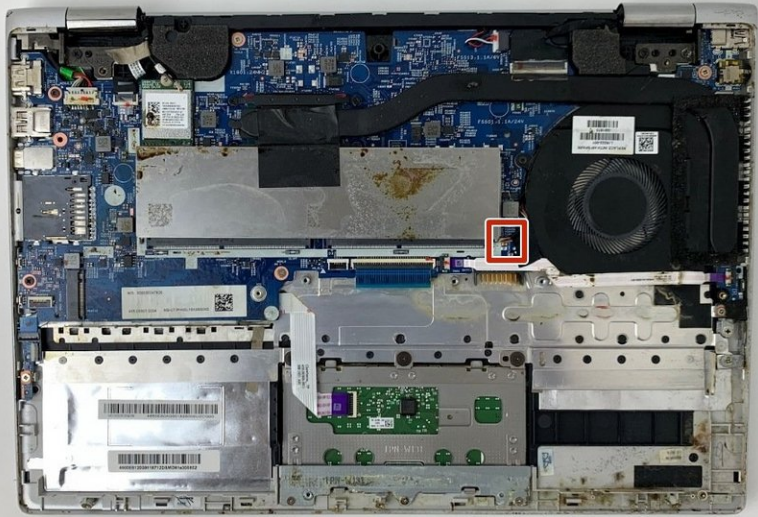 - Six 2.5 mm screws

Step 7

- Carefully lift from the base and remove the battery.
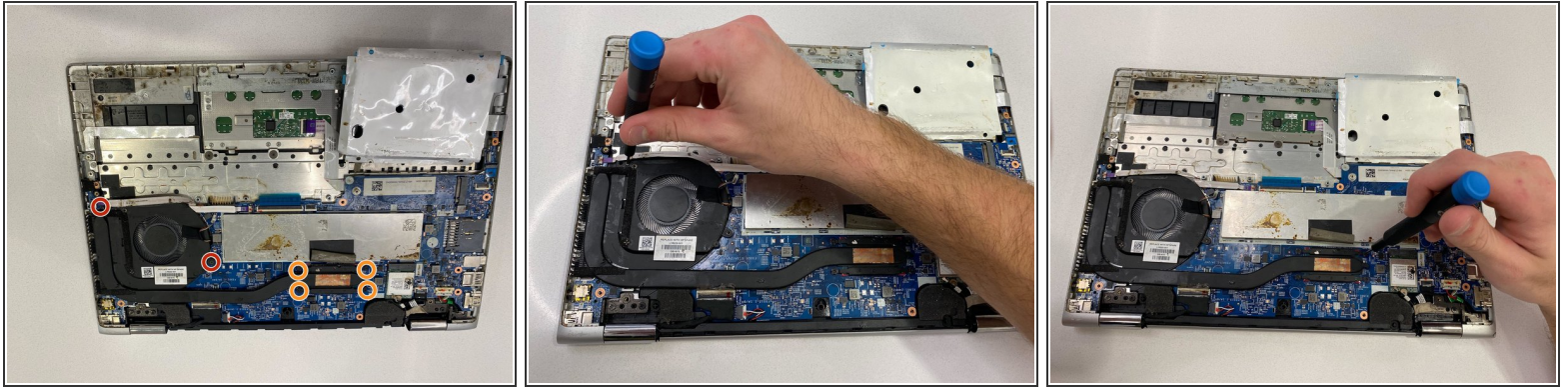
Step 8 — Heat Sink and Fan

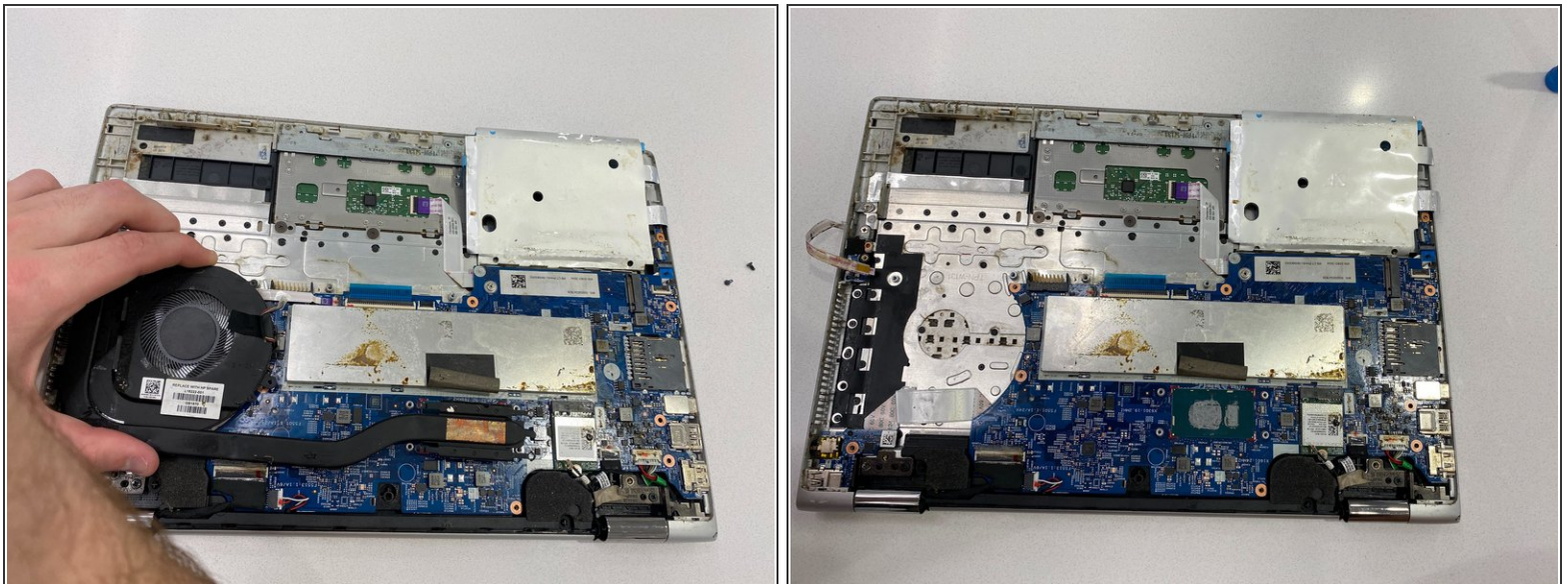- Remove the tape that secures the fan to the computer.

Step 9

- Find the fan cable

- Use the Reverse Tweezers to unplug the fan cable

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Step 10

- Remove all screws securing the fan to the device:
  - Two Phillips #00 4.5mm screws
  - Four Phillips #00 4.5mm screws

Step 11

- Lift and remove the fan and heat sink from the device.

- ⓘ When removing the fan, there will be an adhesive strip attached to the bottom. There may be some resistance as the device is being removed. Use a spudger to hold the adhesive down during removal.

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

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