HP Spectre x360 13-ac023dx Motherboard Replacement

How to replace the motherboard in a HP Spectre x360 13-ac023dx.

Written By: Jonathan

This document was generated on 2020-04-06 06:21:44 AM (MST).

INTRODUCTION

If your HP Spectre x360 13-ac023dx laptop will not boot up after troubleshooting possibles errors, use this motherboard replacement guide.
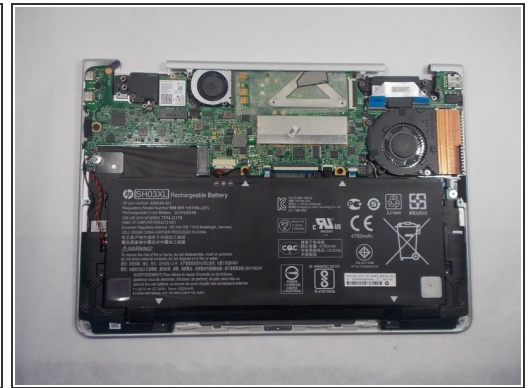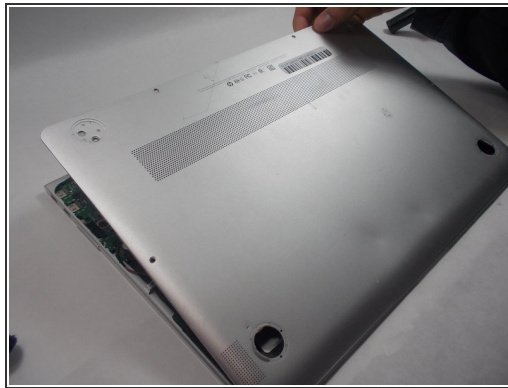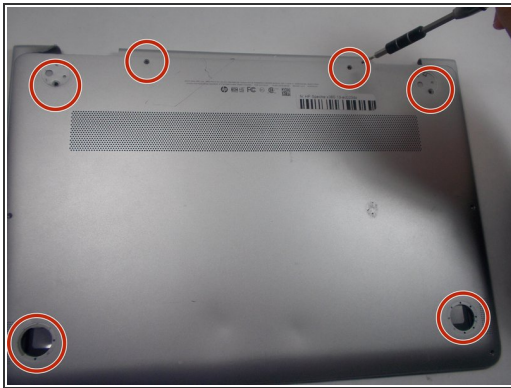
TOOLS:

- Phillips #000 Screwdriver (1)
- iFixit Opening Tools (1)
- T5 Torx Screwdriver (1)
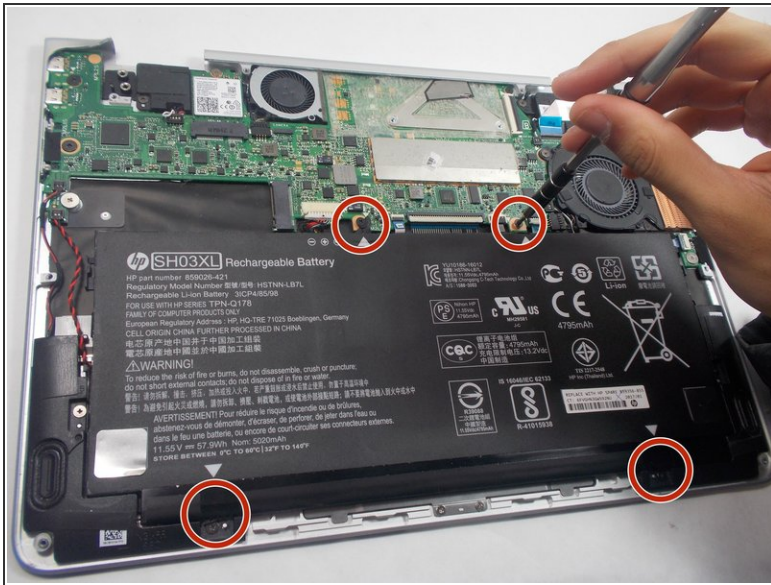
Step 1 — Battery

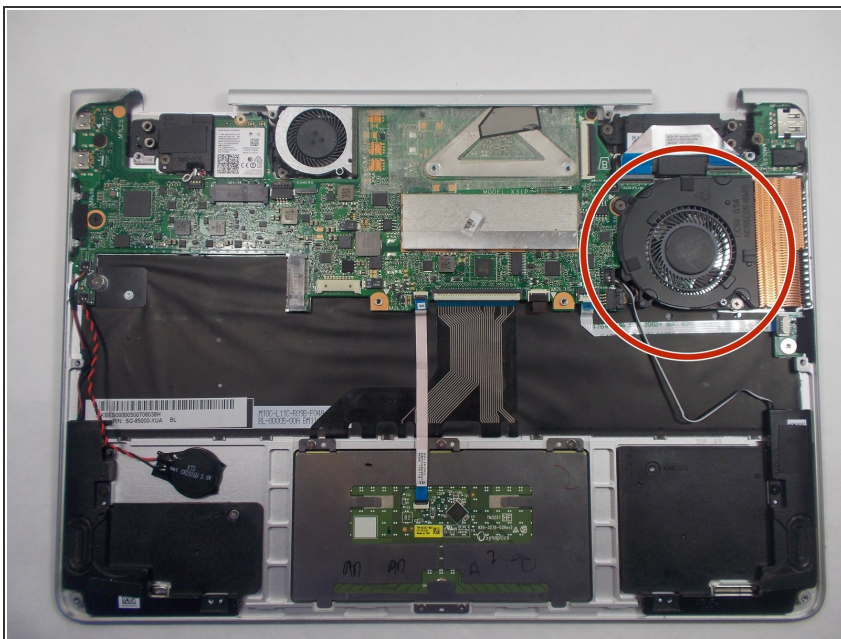- Flip the laptop over so the model sticker faces the ceiling.

Step 2

- Use a Torx #5 screwdriver to remove the six 3.5 mm screws holding the back cover to the laptop.
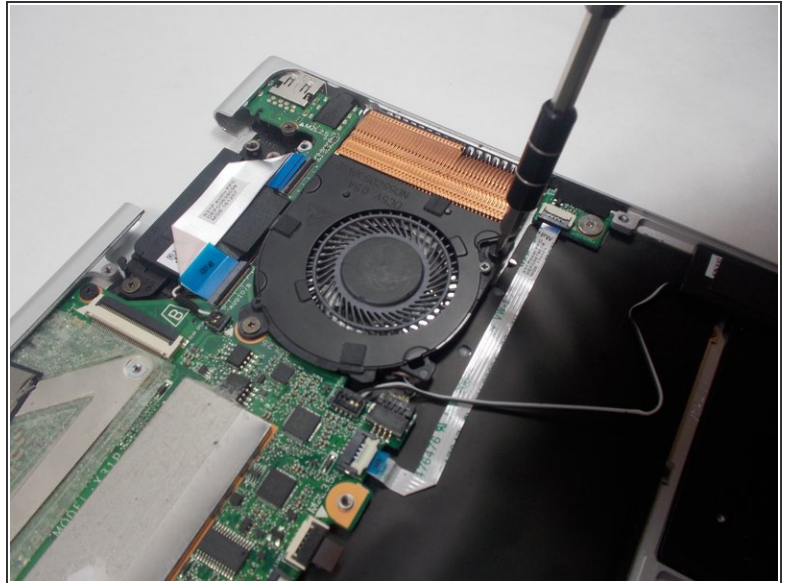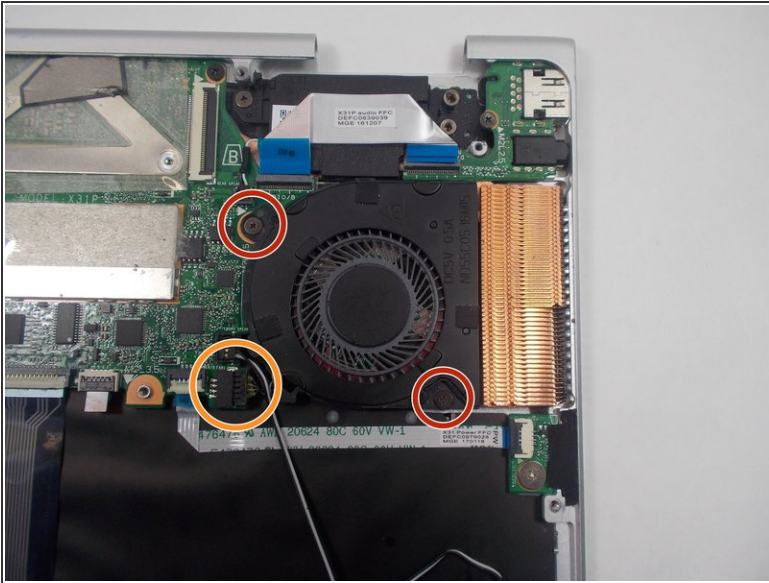
Step 3

- Use the Phillips #000 screwdriver to remove the four 3.5 mm screws holding the battery.

- After removing the screws, detach the battery wire from the mother board with the iFixit opening tool.

- Then, carefully lift the battery off with the iFixit opening tool.
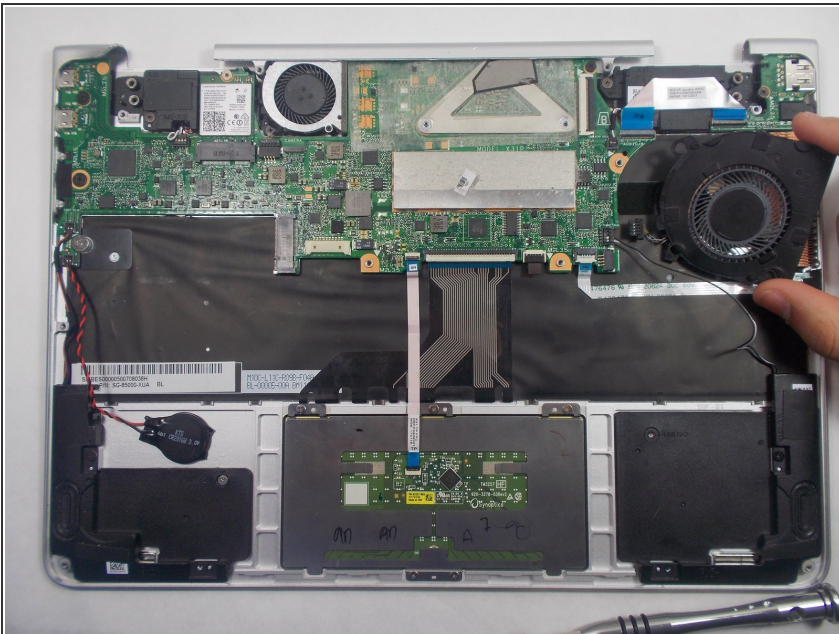
Step 4 — Fan

- Locate the Cooling Fan in the device.

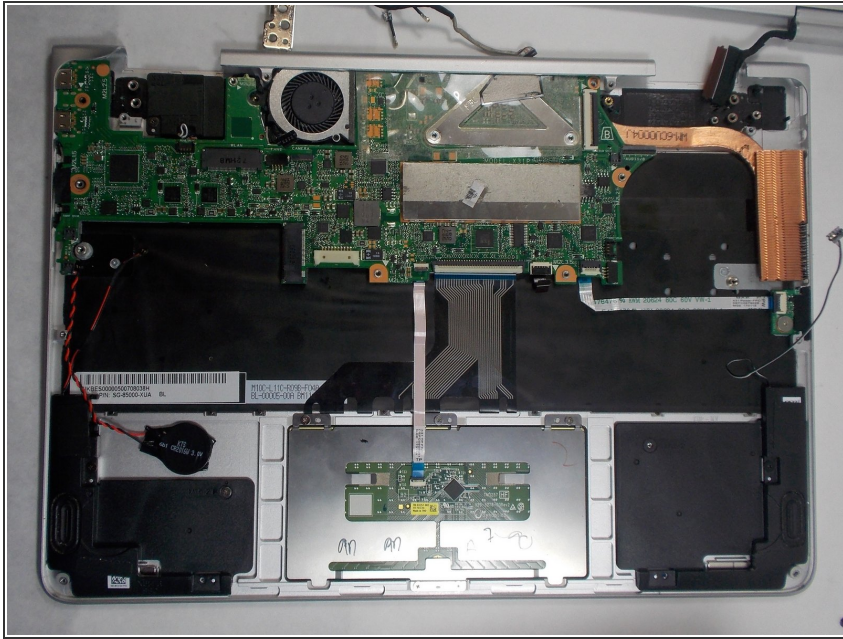This document was generated on 2020-04-06 06:21:44 AM (MST).

Step 5

- Use the Phillips #000 screwdriver to remove the 3mm screws holding the fan in place.

- Remove the wires connecting to the motherboard, using the iFixit opening tool.
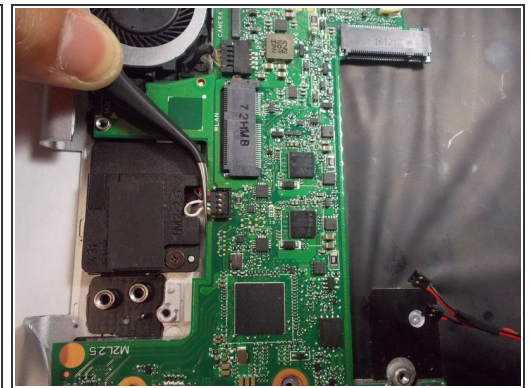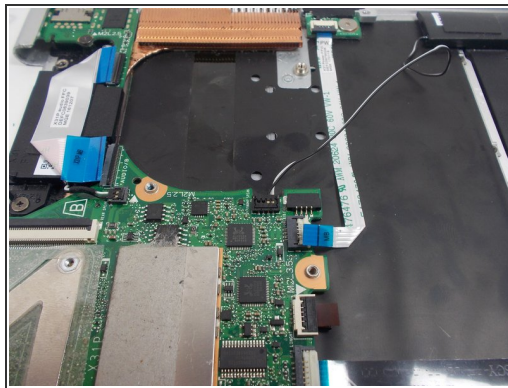 - ⓘ The iFixit Opening Tool is not required, but recommended
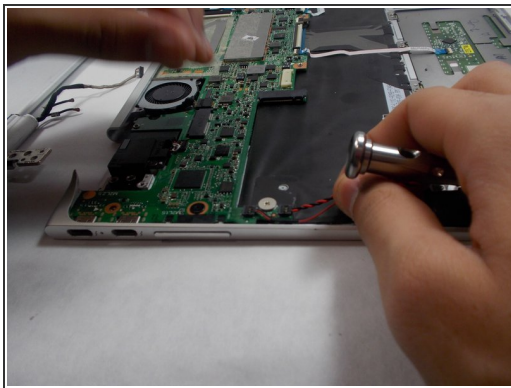
Step 6

- Remove the Cooling Fan.

This document was generated on 2020-04-06 06:21:44 AM (MST).
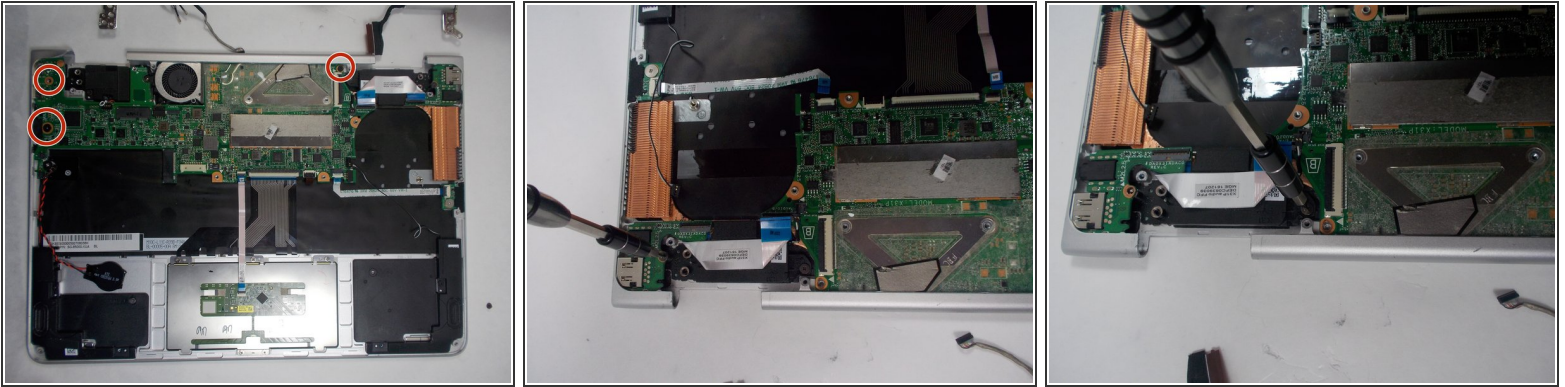
Step 7 — Motherboard

- Ensure that all other components which were previously removed are not longer attached.

Step 8

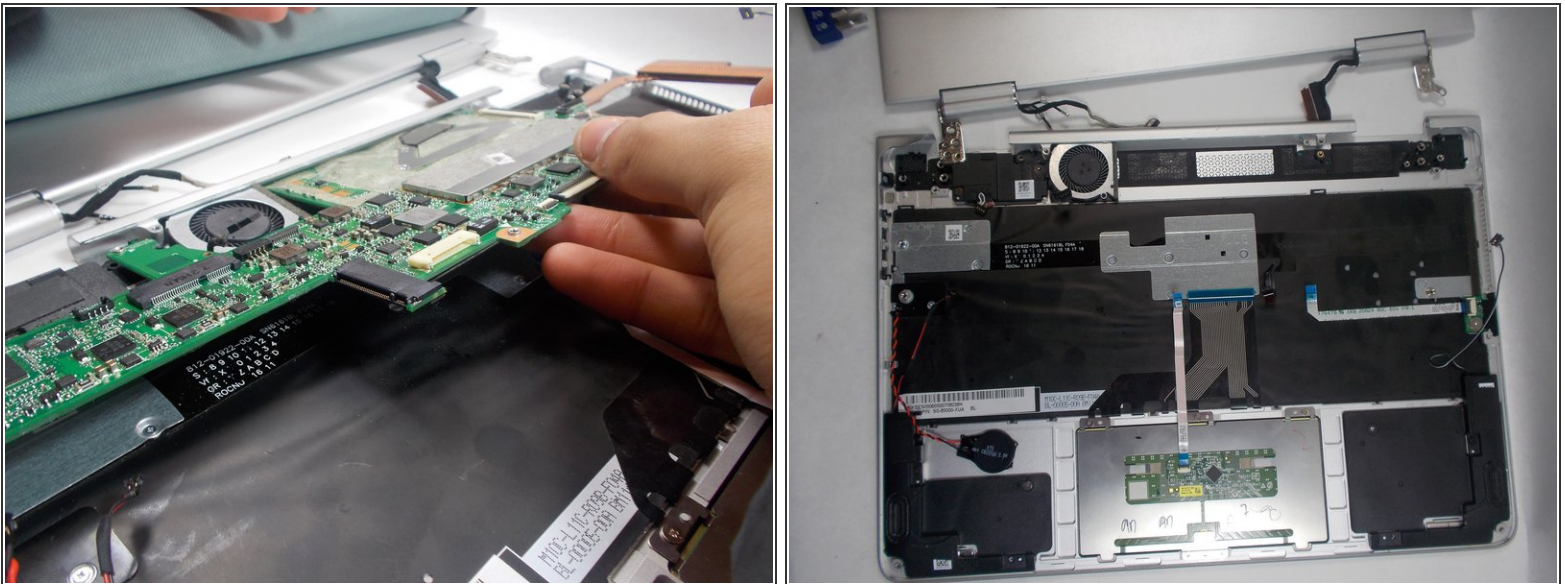

- Disconnect the wires which connect the motherboard to the rest of the components.

- ⓘ The black and red wire can be removed by pulling the wire upwards.

Step 9

- Use the Phillips #000 screwdriver to remove the three 3.5 mm screws which keep the motherboard in place.

Step 10

- Carefully lift and remove the motherboard.

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

This document was generated on 2020-04-06 06:21:44 AM (MST).