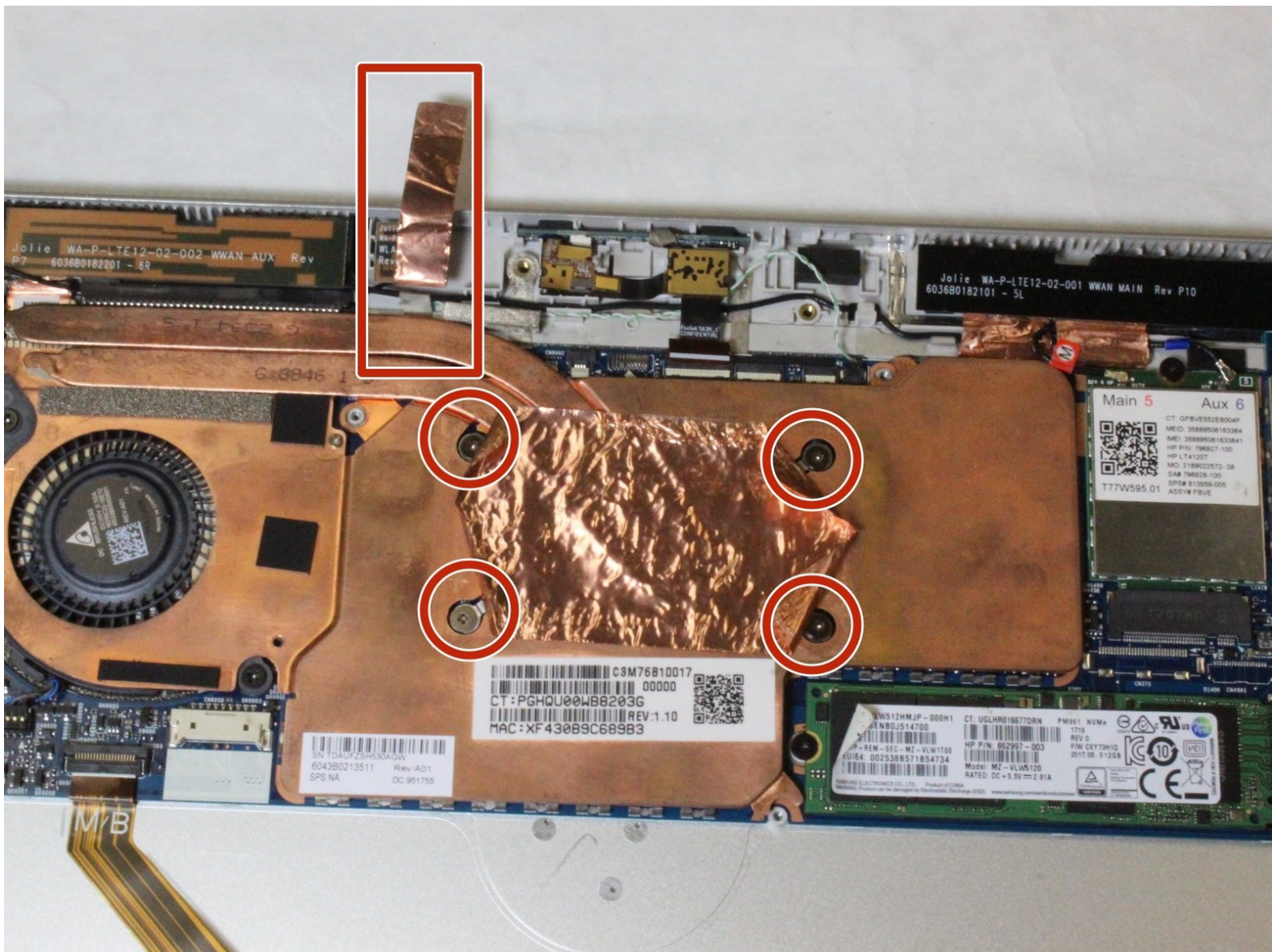




HP Elite x2 1012 G2 Cooling Fan Replacement

A guide to replace the cooling fan from a HP Elite x2 1020.

Written By: WesleyEagleson





TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [Suction Handle](#) (1)

Step 1 — Screen



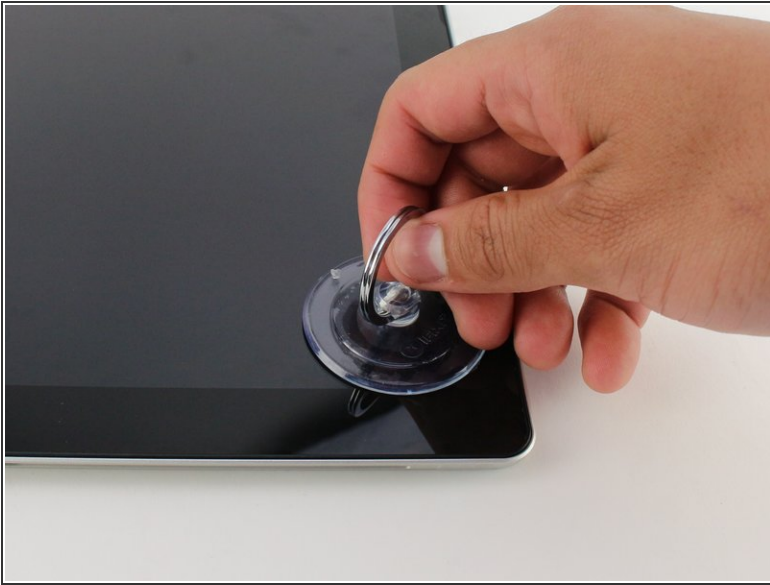
- ❗ Make sure the device is turned off before starting.
- Orient the device so the back is facing you, with the kickstand up.

Step 2



- Remove the six 3mm Torx T5 screws underneath the kickstand.

Step 3



- Turn the device over so the screen is facing you.
- Place a suction cup firmly onto a corner of the screen.
- Lift up gently until you see the screen separate from the casing.
- Repeat this process for all four corners.

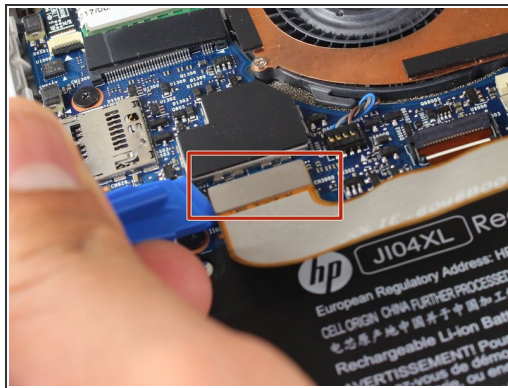
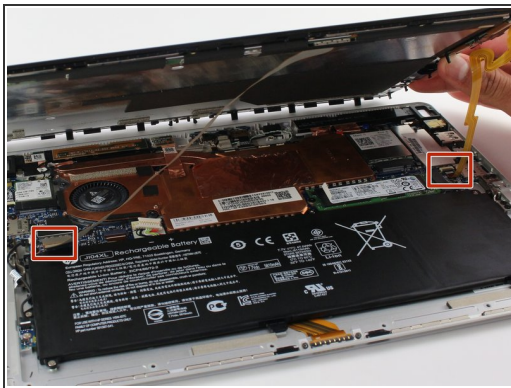
Step 4



- Lift the screen up and off of the device.

⚠ Pry each corner up first, otherwise you may damage or crack the screen.

Step 5



- Remove the two connectors on the back of the screen by lifting the connector tabs on the motherboard with a plastic opening tool and pulling gently.

Step 6



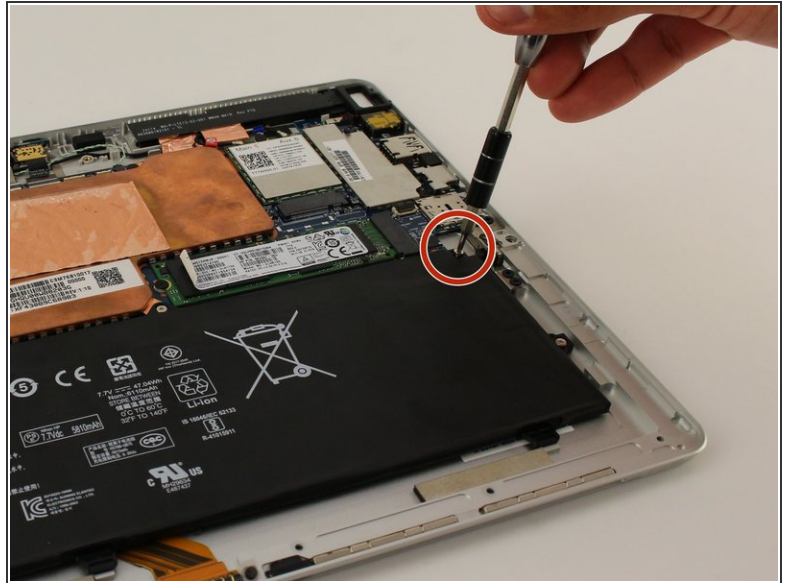
- Remove the screen by gently lifting it off of the device.

Step 7 — Battery



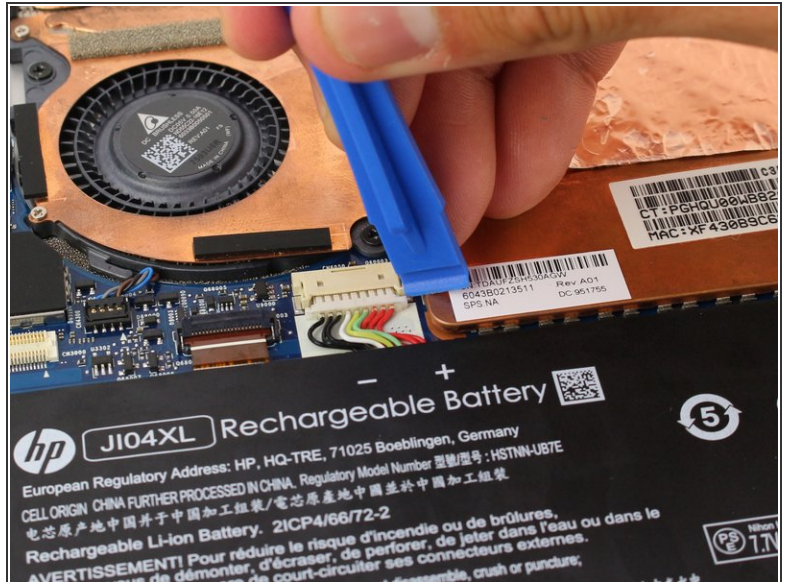
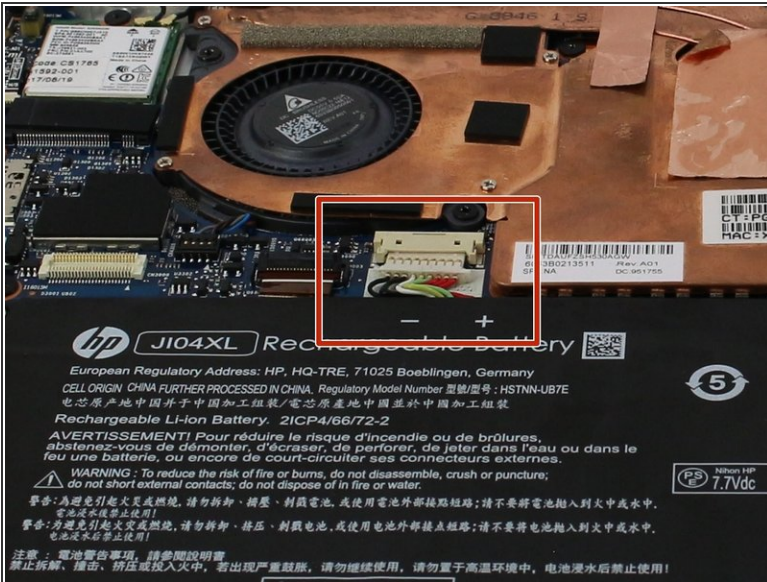
- Orient the device so that the battery is closest to you.
- ⓘ The battery is the large, black rectangle at the bottom of the device.

Step 8



- Remove all six Phillips 3 mm screws around the battery by rotating in the counterclockwise direction with a Phillips screwdriver.

Step 9



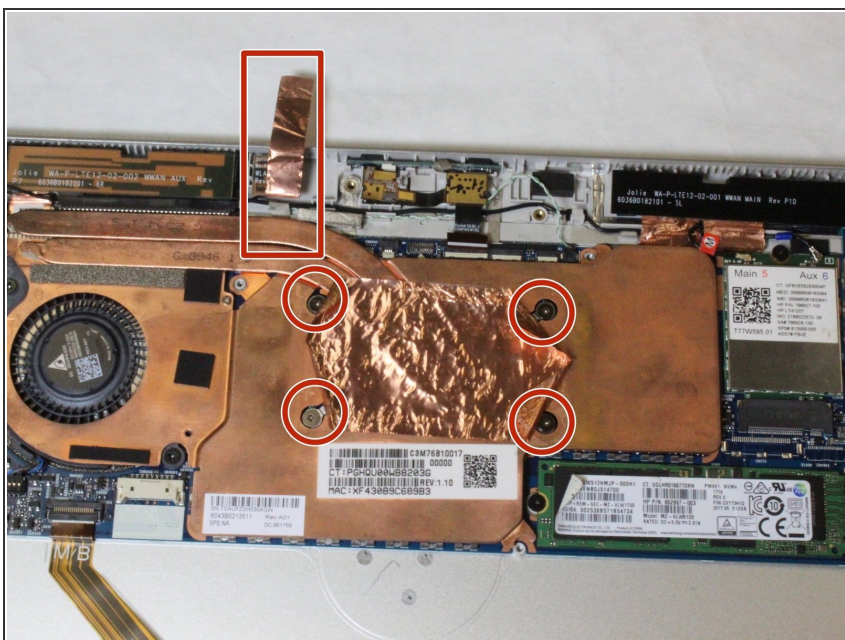
- Remove the battery's connector by pushing both sides of the tab towards yourself with a plastic opening tool.

Step 10



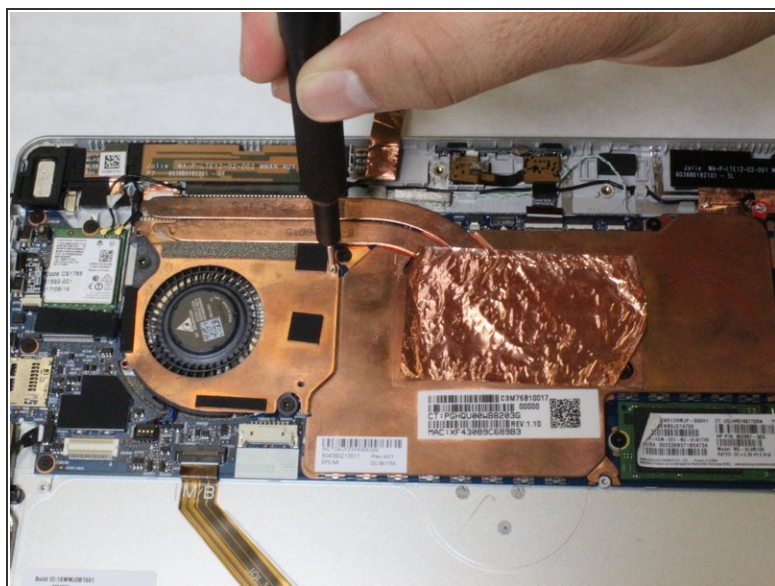
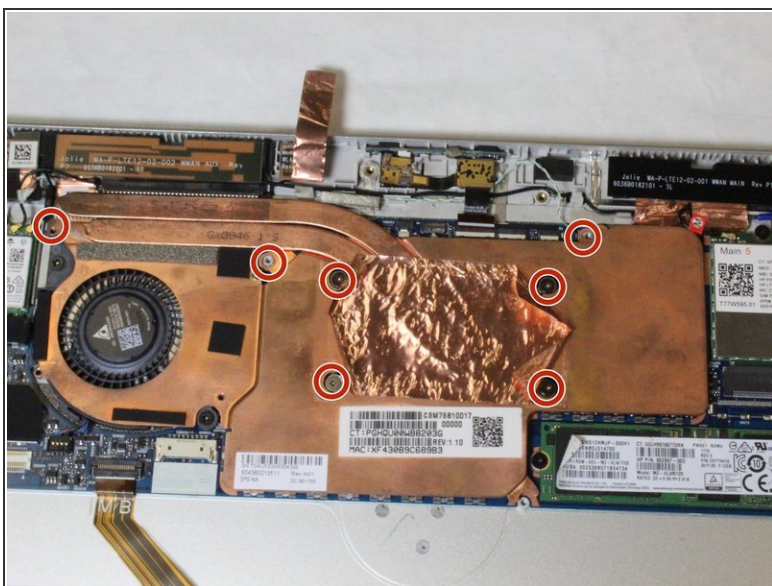
- Lift the battery out of the device.

Step 11 — Cooling Fan



- Use the spudger tools to lift the copper tape and expose the screws.

Step 12



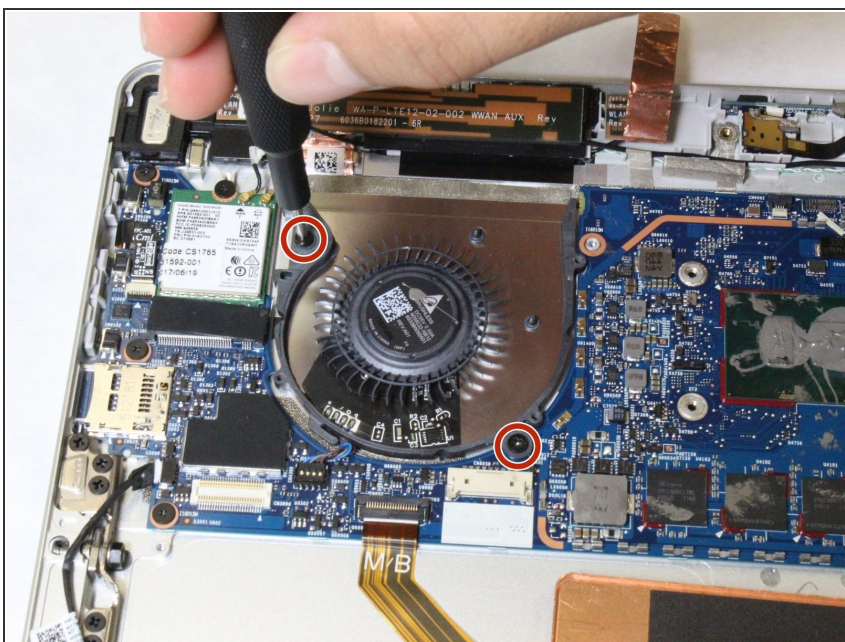
- Use Phillips #00 screwdriver to remove seven 3 mm screws.

Step 13



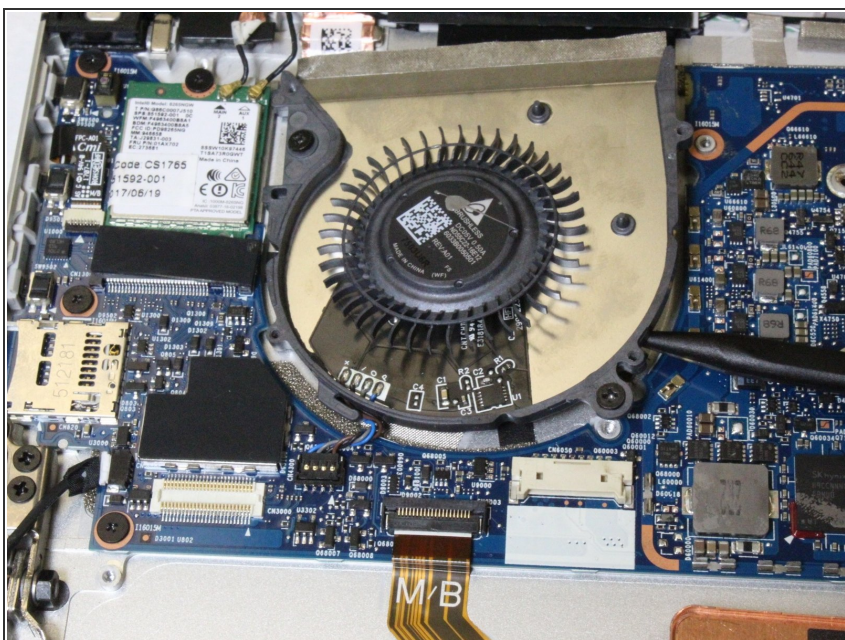
- Lift the heatsink off the motherboard.

Step 14



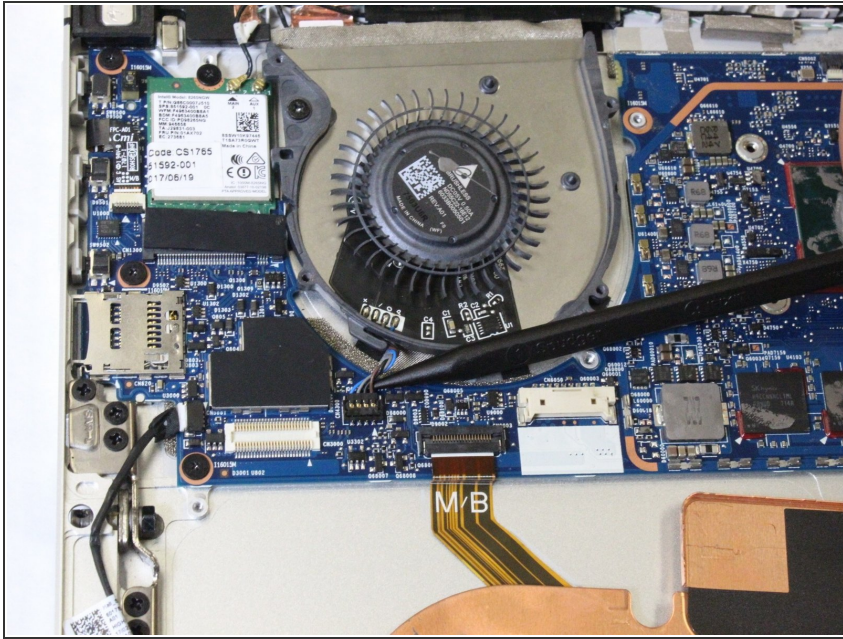
- Use a Phillips #00 screwdriver to remove the final two 3 mm screws that secure the fan.

Step 15



- Use a spudger to lift the fan from the main unit.

Step 16



- Use a spudger to lift the connection for the fan and disconnect the plug from the motherboard.

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