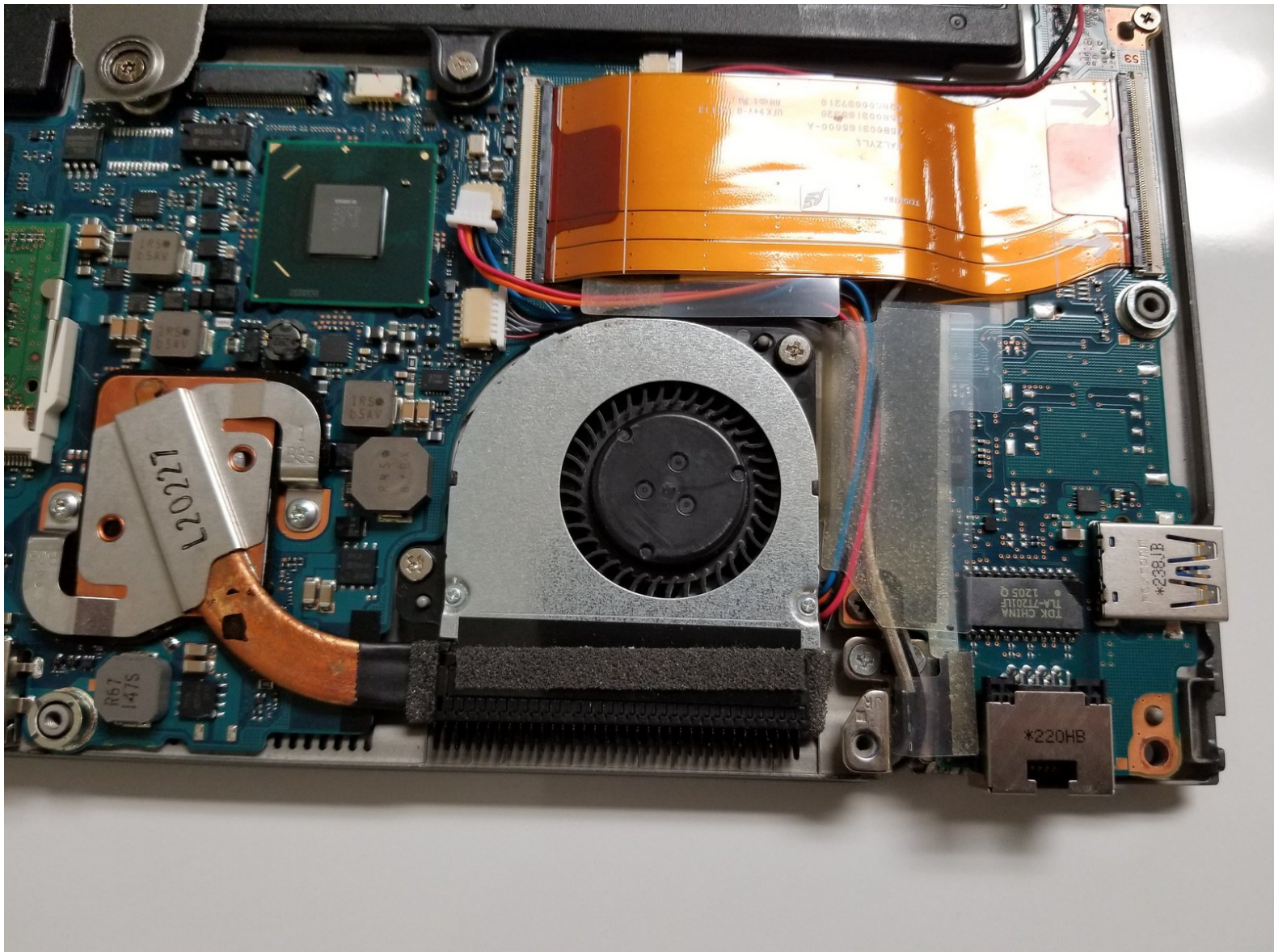# Toshiba Portege Z835-P330 Internal Cooling Fan Replacement

This guide will help you replace the Internal Cool Fan in your device.

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🔧 TOOLS:

- [Metal Spudger Set](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [Phillips #2 Screwdriver](#) (1)

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www.iFixit.com

Step 1 — Internal Cooling Fan

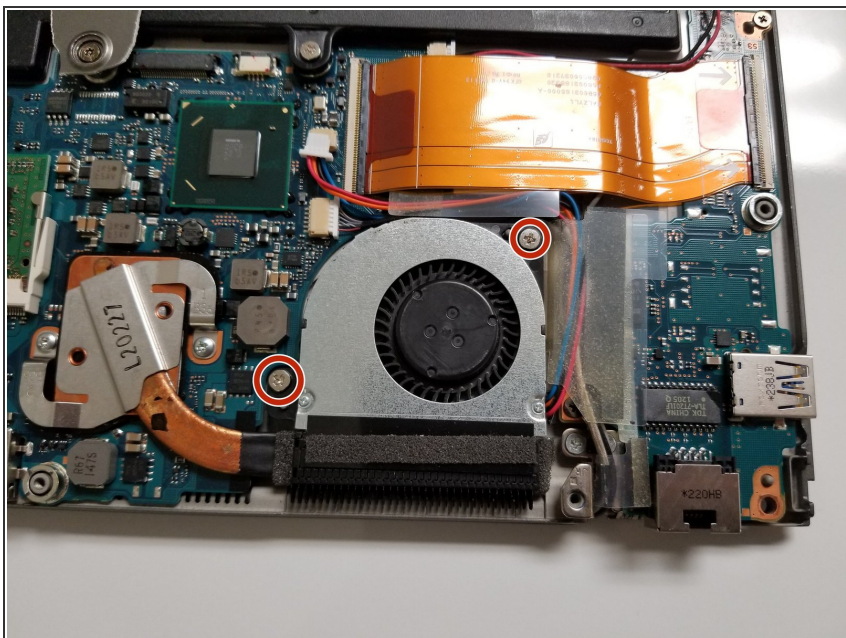- Remove the thirteen 1.4mm screws using a Phillips #2 screwdriver.

Step 2

- Locate hidden screw found in the middle of back hardcover.
  - (i) Here you will find a proprietary Japanese Screw Head.
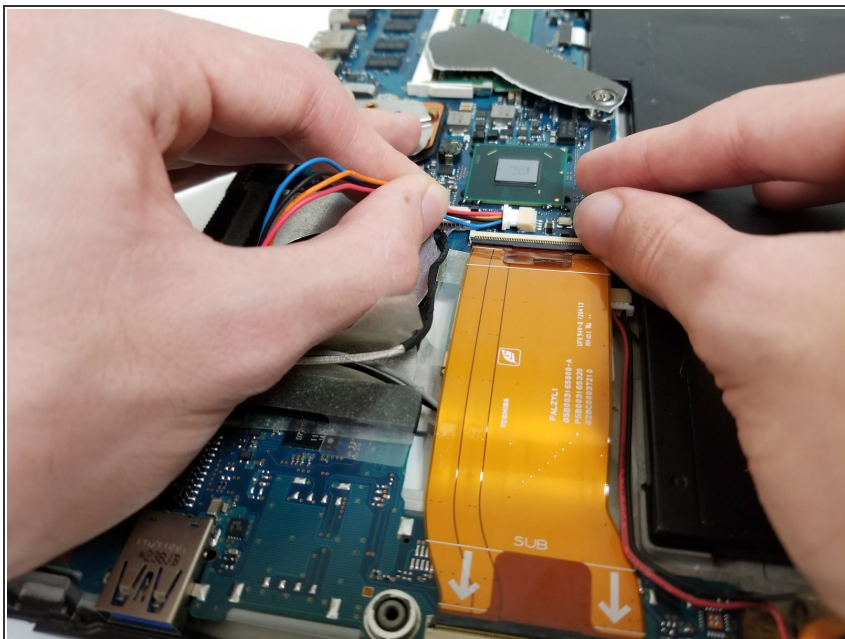 - ⚠ Remove screw by using tool not provided by IFixit or by using the methods found here.

Step 3

- Peel off hard cover to expose interior of device

Step 4

- Remove the two 1 mm screws using a Phillips #2 screwdriver.

Step 5

- Unplug the internal cooling fan by tugging gently on the wire attatched to the device's motherboard

Step 6

- Lift the internal cooling fan to remove the fan from the device

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

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