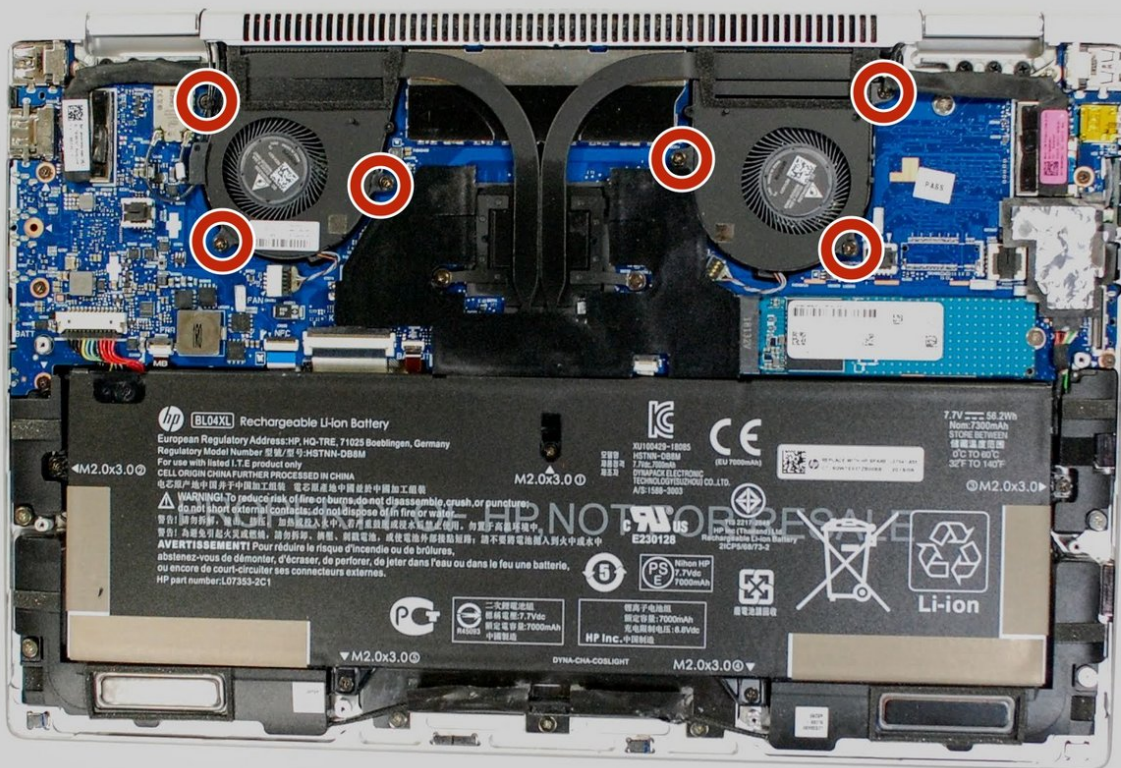# HP Elitebook x360 1040 G5 Fan Replacement

If your issues cannot be fixed with other troubleshooting methods, this guide will help you replace the fan for the HP Elitebook x360 1040 G5.
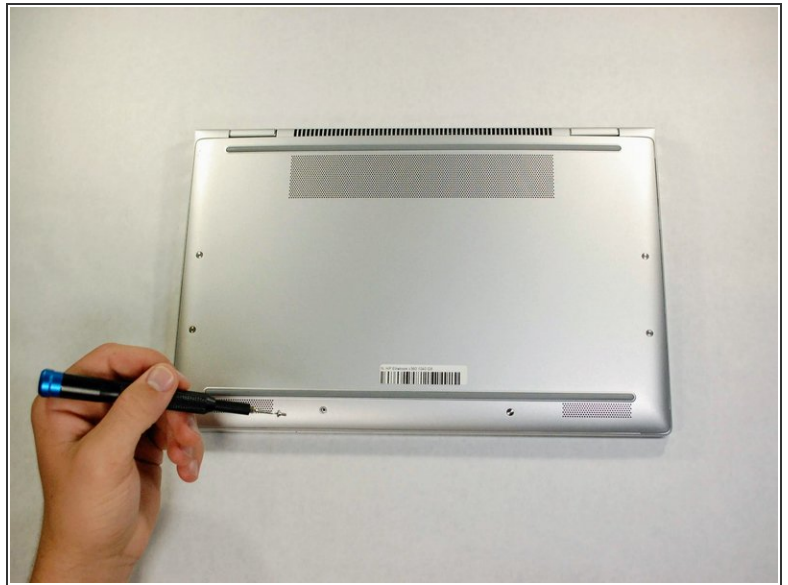
Written By: Corey Agena

INTRODUCTION

Use this guide if you are experiencing issues with your laptop's fan. These include your device overheating, fans making noise and throttling, or your laptop's performance dropping. This guide includes instructions to remove and replace your laptop's fan. Note that removing the fan requires the application of new thermal paste.

🔧 TOOLS:

- Phillips #00 Screwdriver (1)
- T5 Torx Screwdriver (1)
- iFixit Precision Bit Driver (1)
- Magnetic Project Mat (1)
- Metal Spudger (1)
- Phillips #0 Screwdriver (1)

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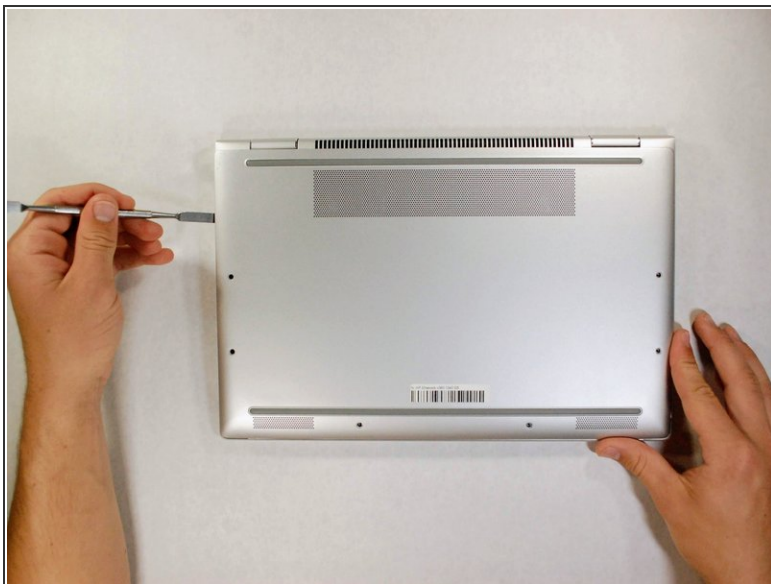
Step 1 — Lower Case

ⓘ Power off device before disassembly.

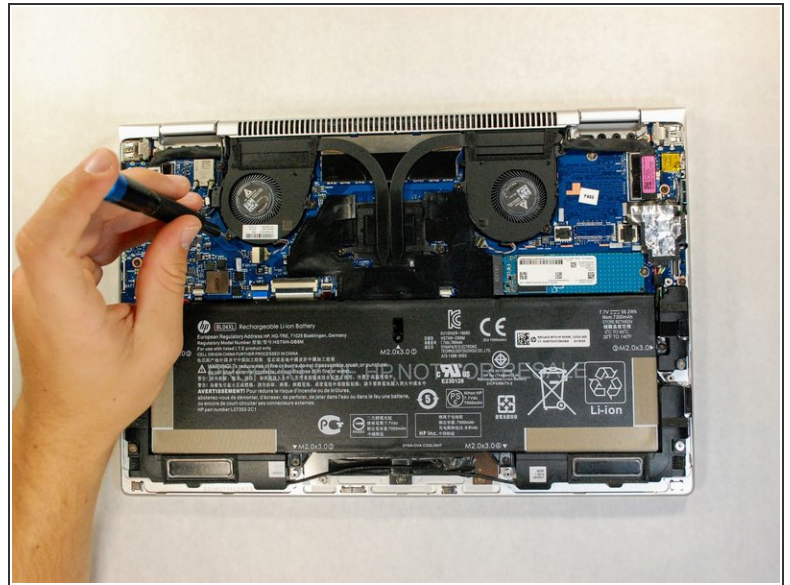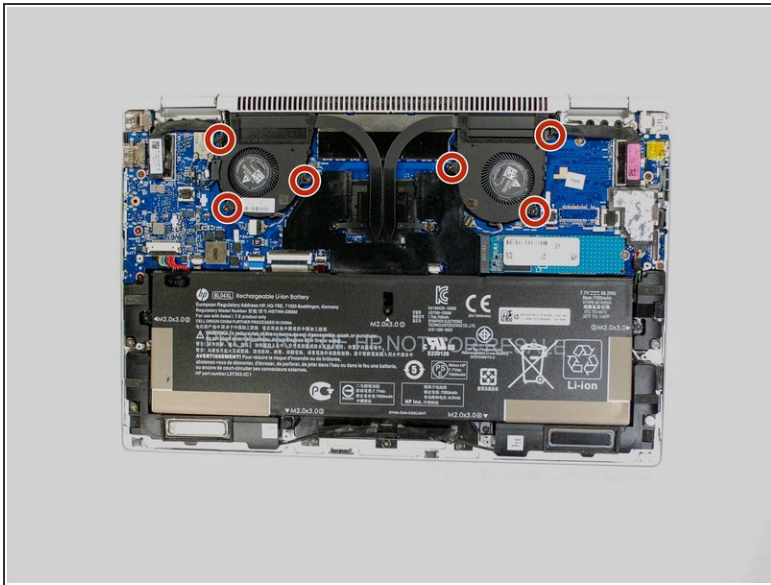● Use the T5 Torx screwdriver to remove the six 4 mm screws from the underside of the laptop.

Step 2

● Pry open the lower case from where it meets the laptop base.

● Remove the lower case from the work area.

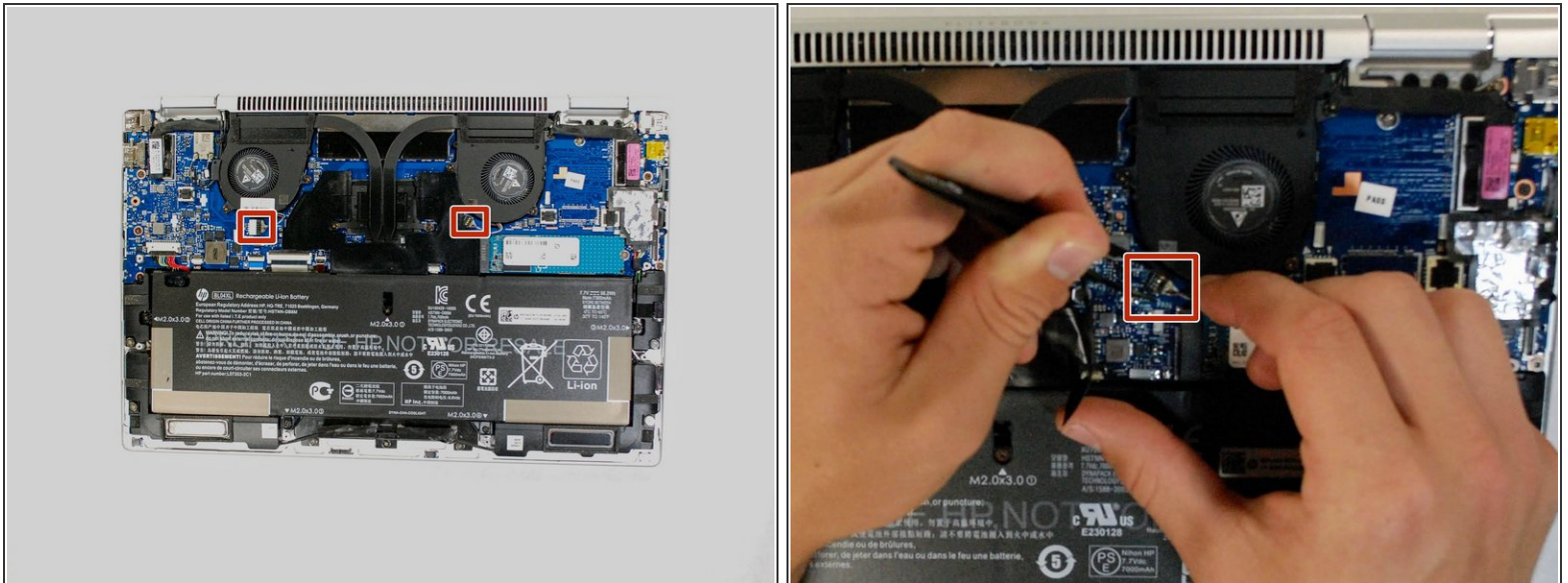This document was generated on 2021-01-21 12:14:32 PM (MST).

Step 3 — Fan

- Use the Phillips 0 screwdriver to remove the six 3mm Phillips screws from the fan assembly.
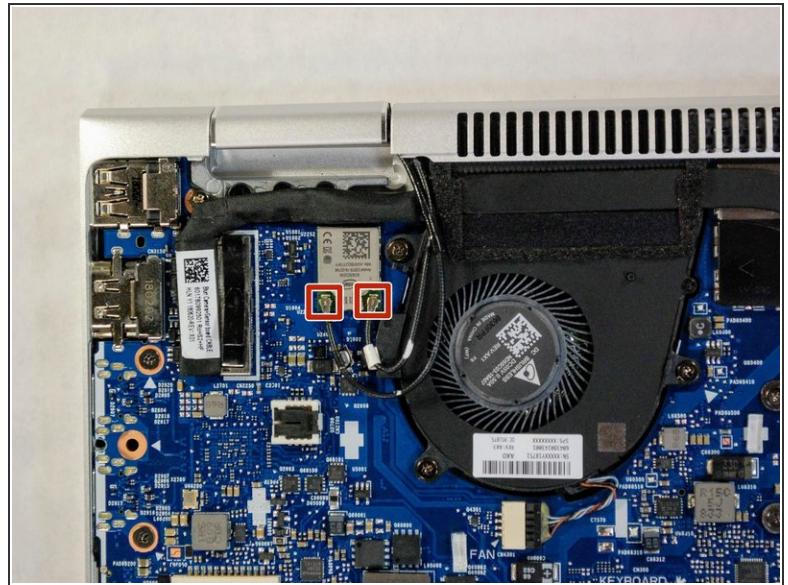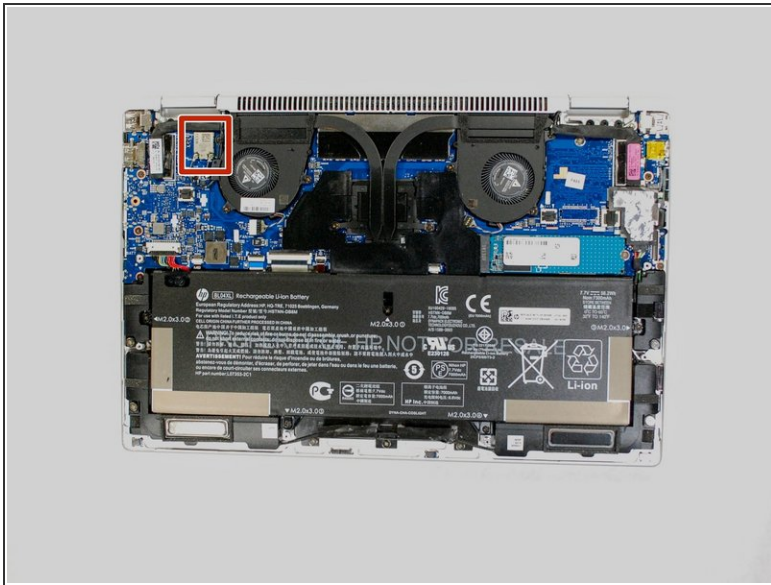
Step 4

- Carefully remove the two wires connecting the fan to the mother board by pulling on both sides of the head.

- (i) If the wires are difficult to remove, you may need a pair of tweezers to help unplug the wire.

- ⚠ If you use tweezers be very gentle, because the wires are fragile.

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© iFixit — CC BY-NC-SA   www.iFixit.com   Page 5 of 8
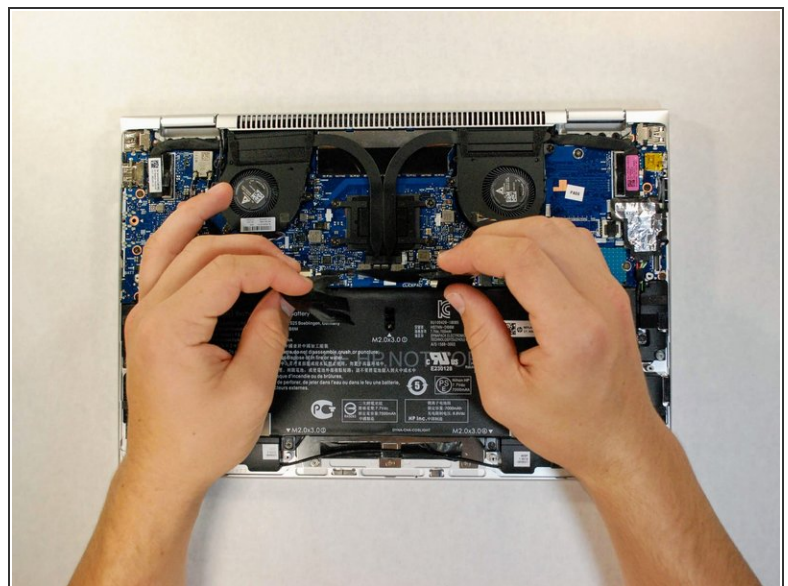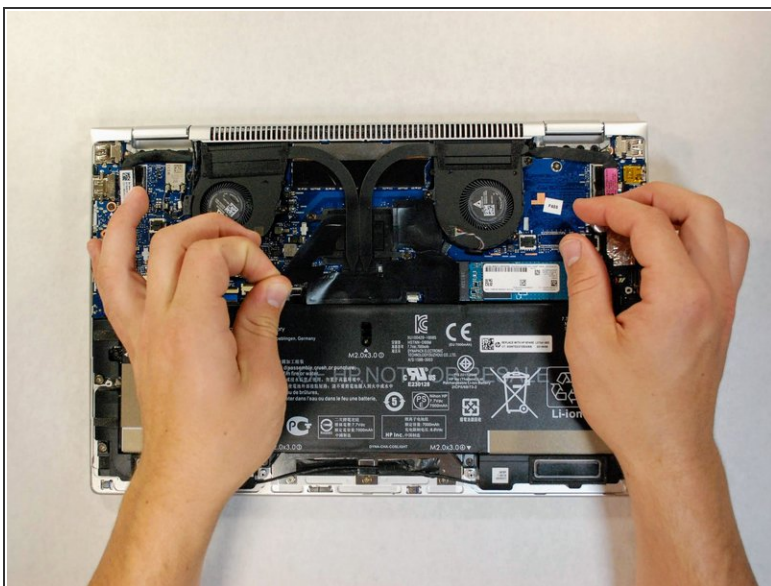
Step 5

- Remove the two pins, on the left of the fan by gently pulling on the connector.

- Push them to the side, as they can get caught on the fan.

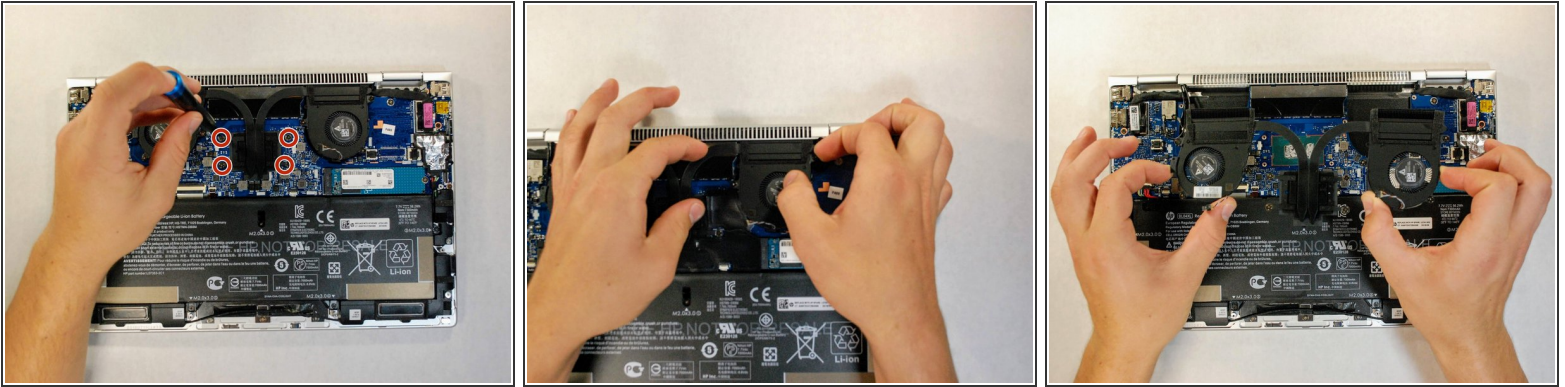ⓘ The white tagged wire goes on the right and the black tagged wire goes on the left.

Step 6

- Remove the black sticker covering part of the fan by pulling up on one of it's corners.

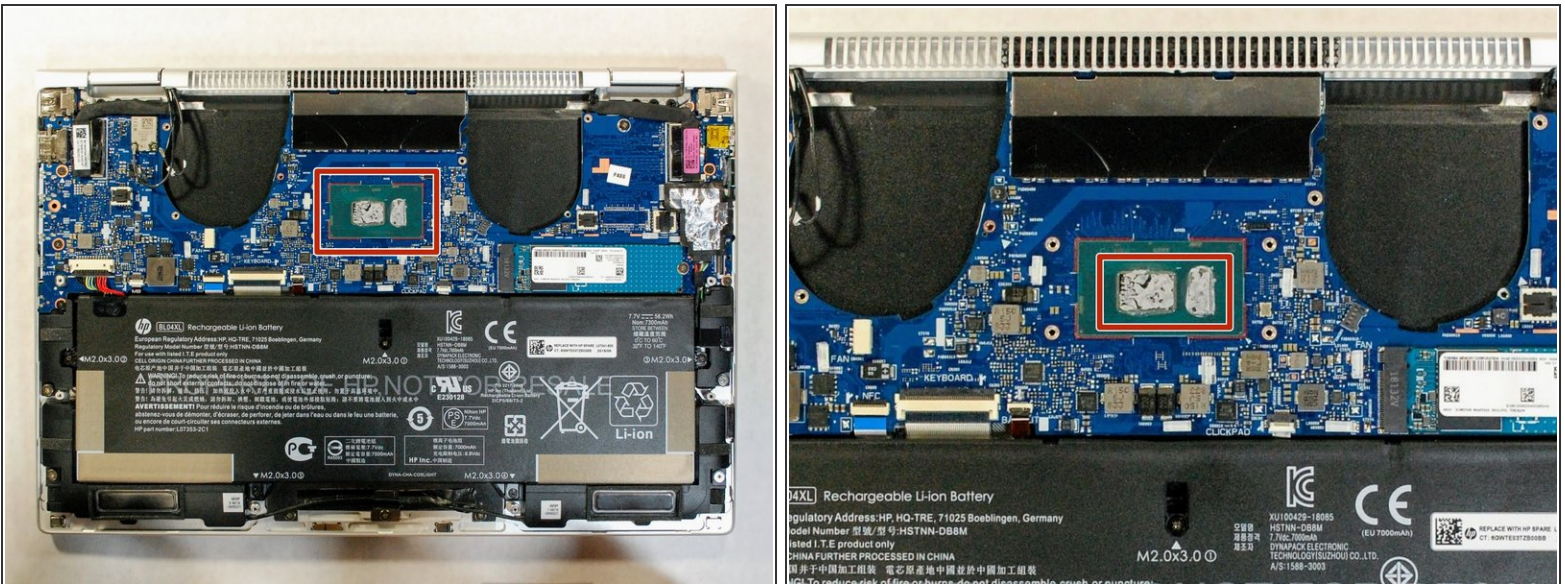This document was generated on 2021-01-21 12:14:32 PM (MST).

Step 7

- Use the Phillips 00 screwdriver to remove the five 3mm Phillips screws from the heat sink assembly.

- Take hold of the fan assembly. Push down and toward yourself until the clips are released, then pull the fans from the device.

Step 8

- Remove the thermal paste heatsink using a lint-free cloth. Then with few drops of Isopropyl alcohol remove the any residue.

- (i) 99% Isopropyl alcohol is preferred, but 70% is acceptable.

- ⚠ New thermal paste needs to be applied before reassembling the fan.

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

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