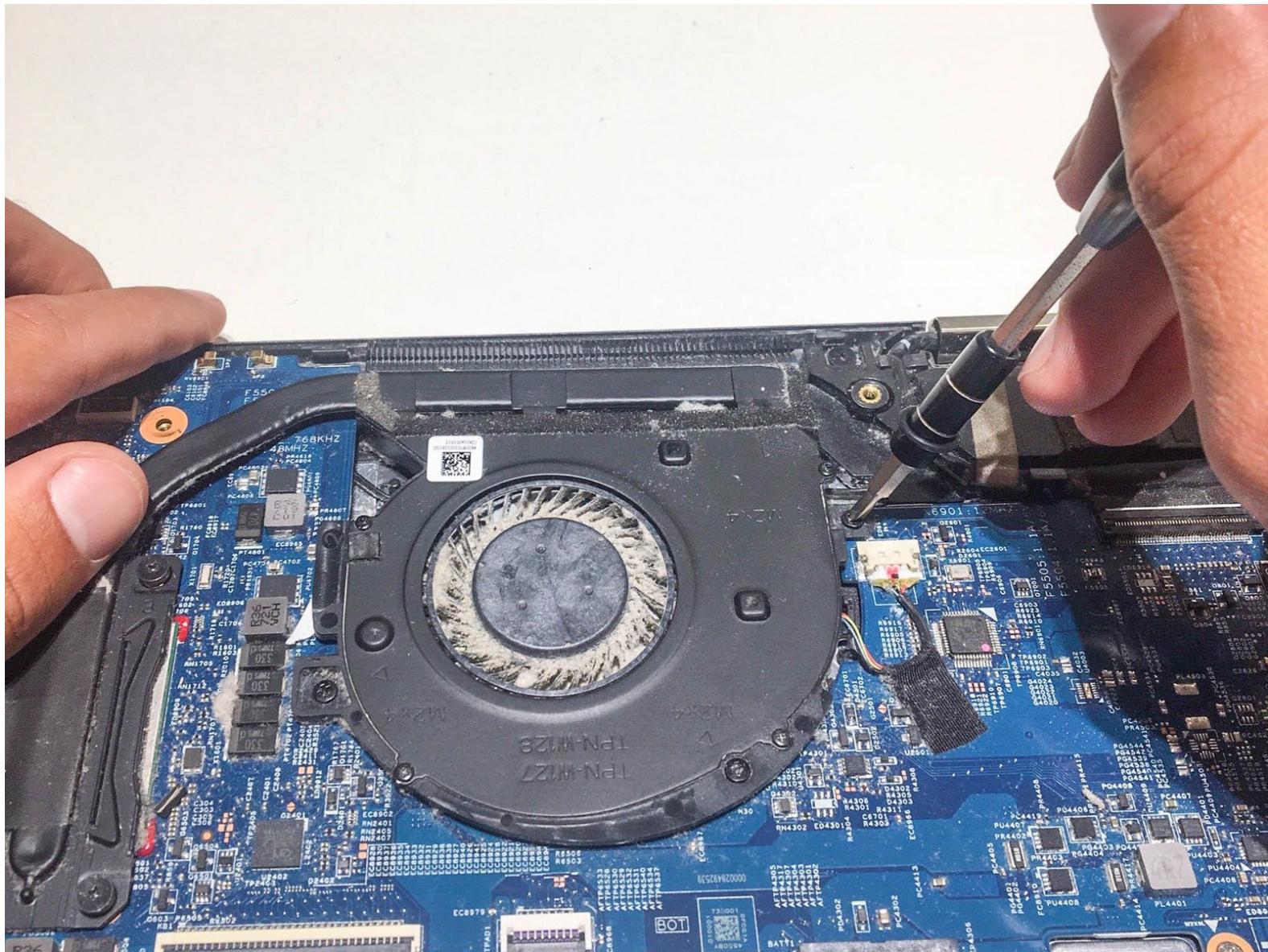




HP Envy x360 15m-bq021dx Cooling Fan Replacement

This guide will teach you how to replace a cooling fan on HP Envy x360 15m-bq021dx laptop.

Written By: SALMAN ALOTAIBI



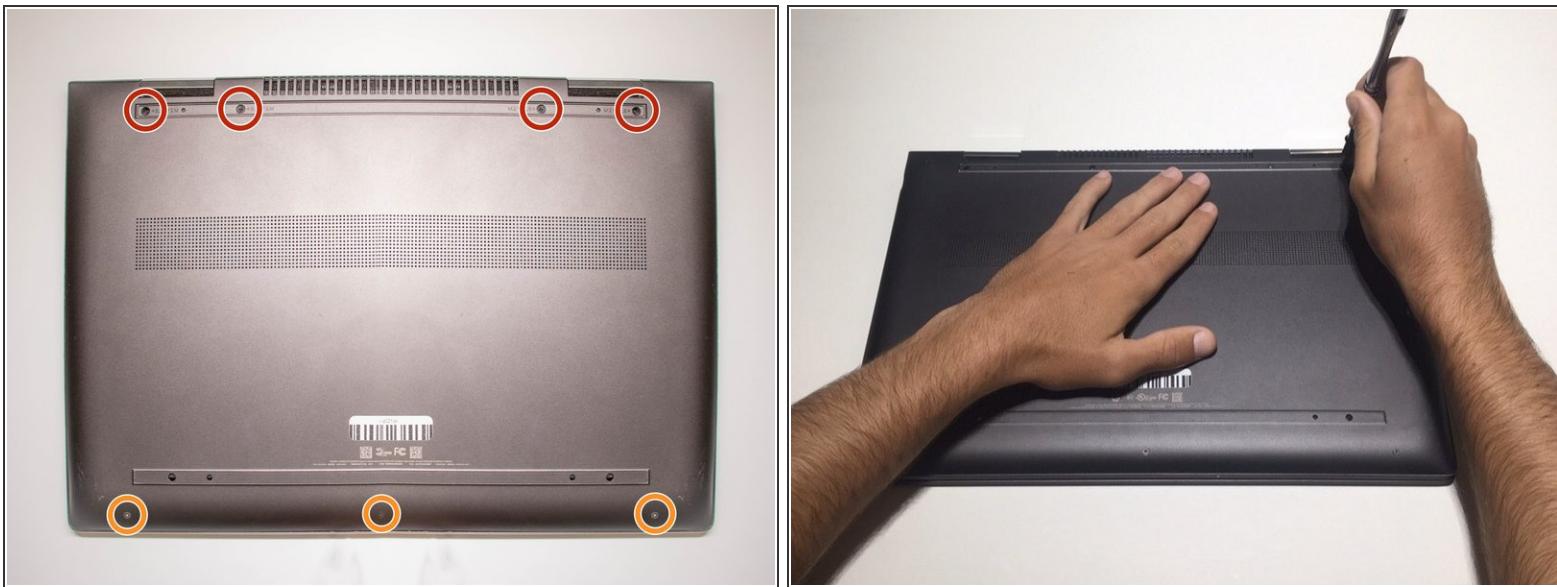
INTRODUCTION

The cooling fan is a key component of a laptop. This component keeps the computer cool while operating. If the fan fails, the computer may overheat and damage components in the computer. This guide will show in-depth steps on how to safely remove a cooling fan from an HP Envy x360.

TOOLS:

- [T5 Torx Screwdriver](#) (1)
- [Spudger](#) (1)
- [Suction Handle](#) (1)
- [Tweezers](#) (1)
- [Phillips #0 Screwdriver](#) (1)

Step 1 — Battery



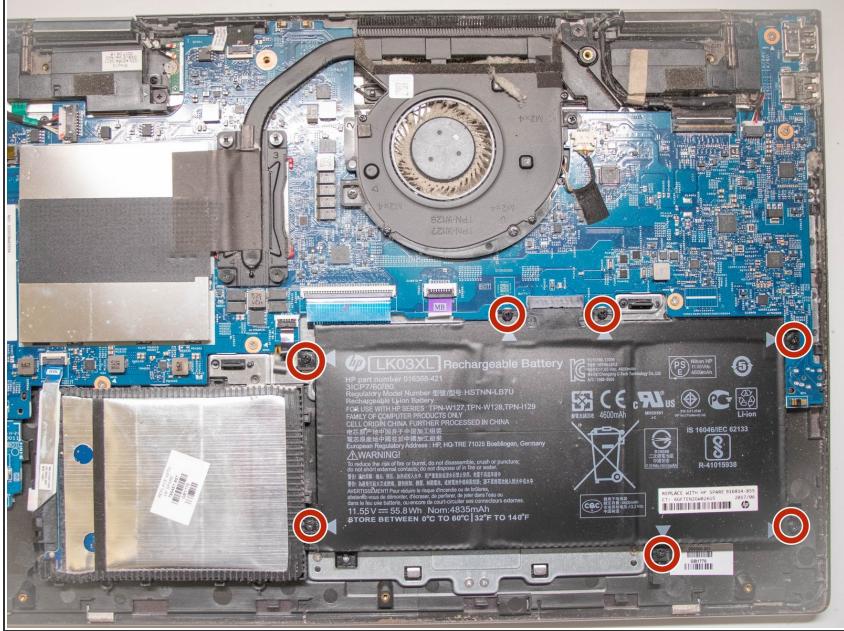
- On the back panel of the device, remove the four (4) M2.5xL6 screws at the top of the photo using a Phillips #0 screwdriver.
- Unscrew the three (3) screws at the bottom of the photo using a T5 Torx screwdriver.

Step 2



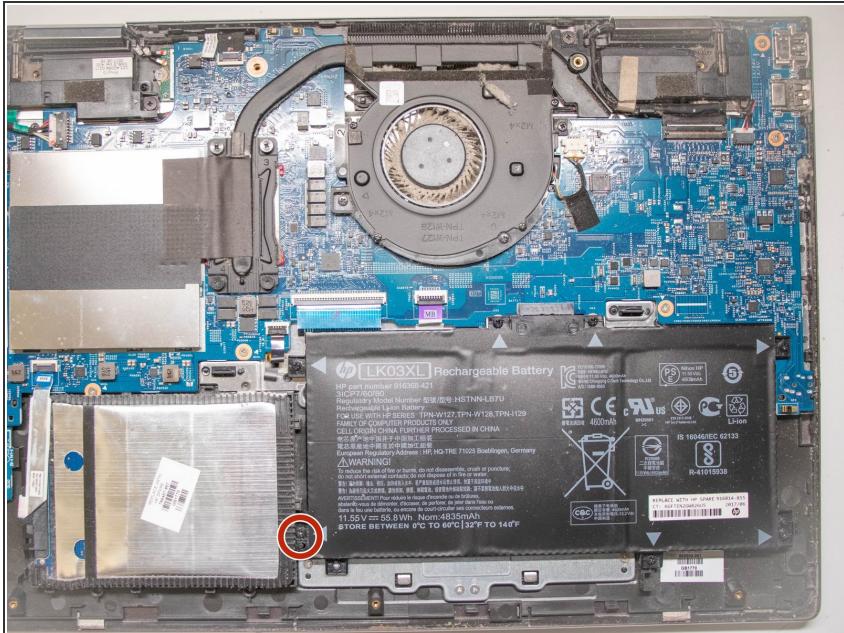
- To remove the back cover, use the black spudger to lift up on the edges of the cover.
- Use a suction cup to assist in lifting the back cover

Step 3



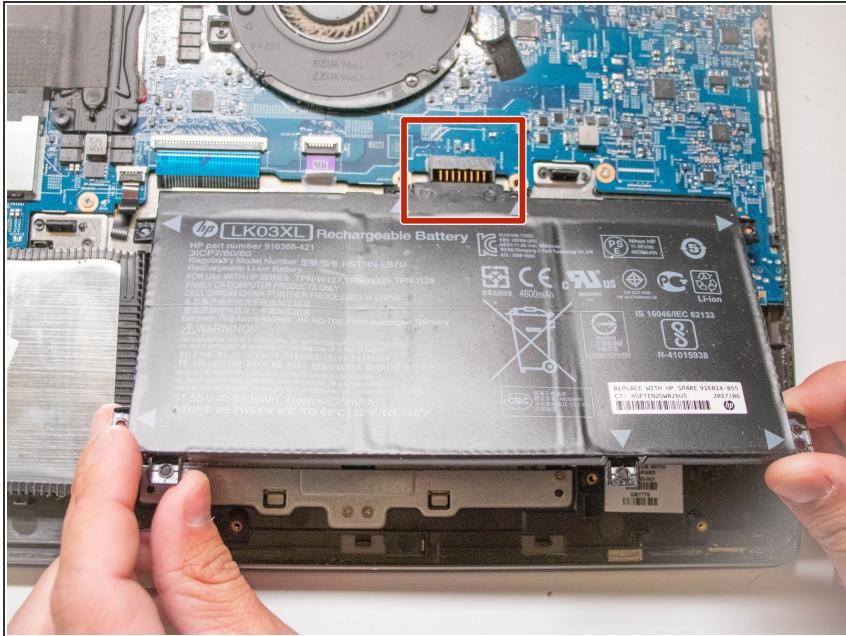
- Use the Philips #0 screwdriver to remove six (6) M2.0x3.2 screws from battery.

Step 4



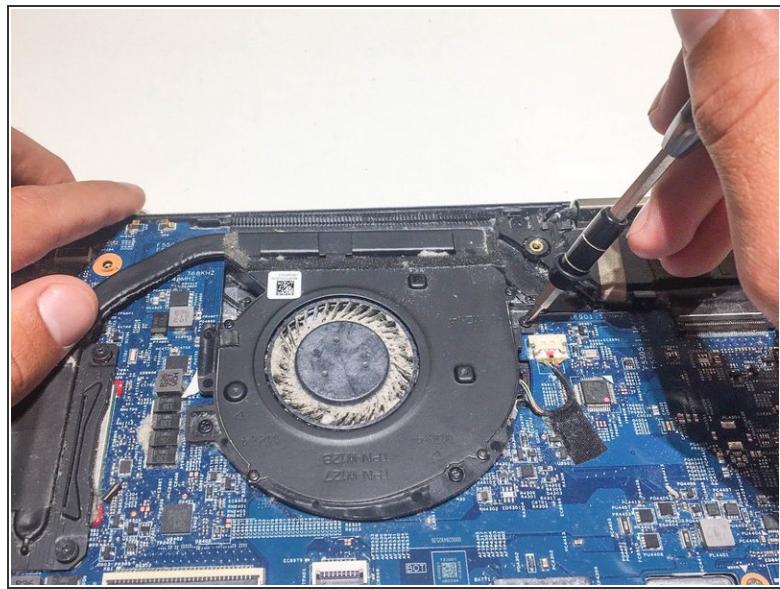
- Using the Philips #0 screwdriver, remove the final screw from the battery connected to the SSD storage unit.

Step 5



- Lift and pull the front of the battery up and out (away from the connector) to remove.

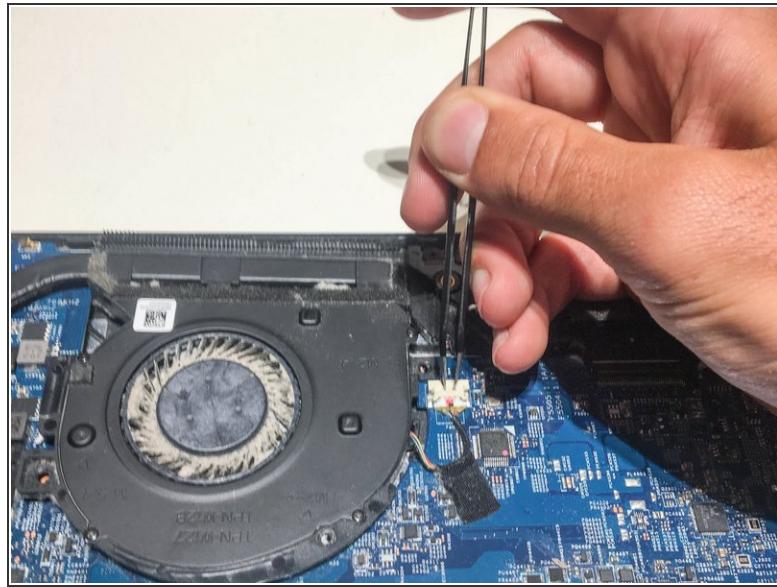
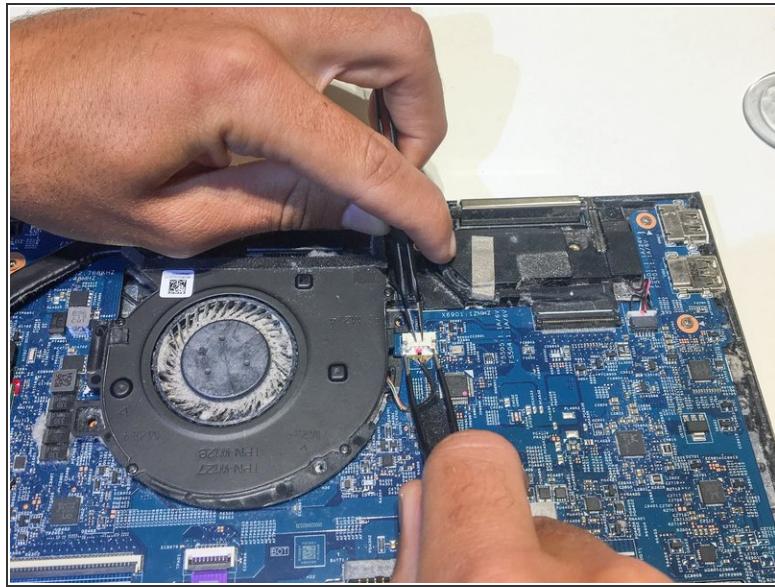
Step 6 — Cooling Fan



- Using a Philips #0 screwdriver, remove the three M2x4 screws located around the cooling fan as shown in this picture.

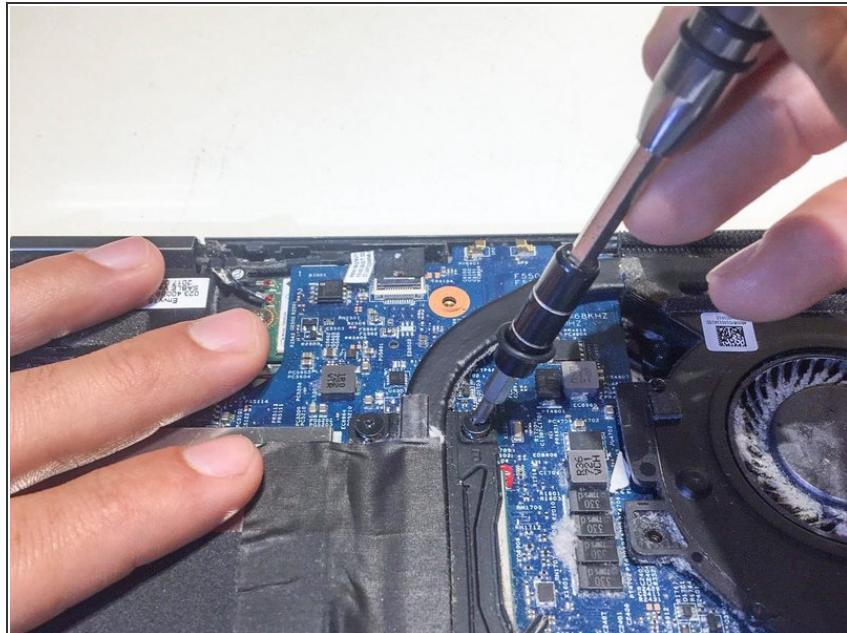
⚠ Be careful as the fan might be sharp in some places when removing it.

Step 7



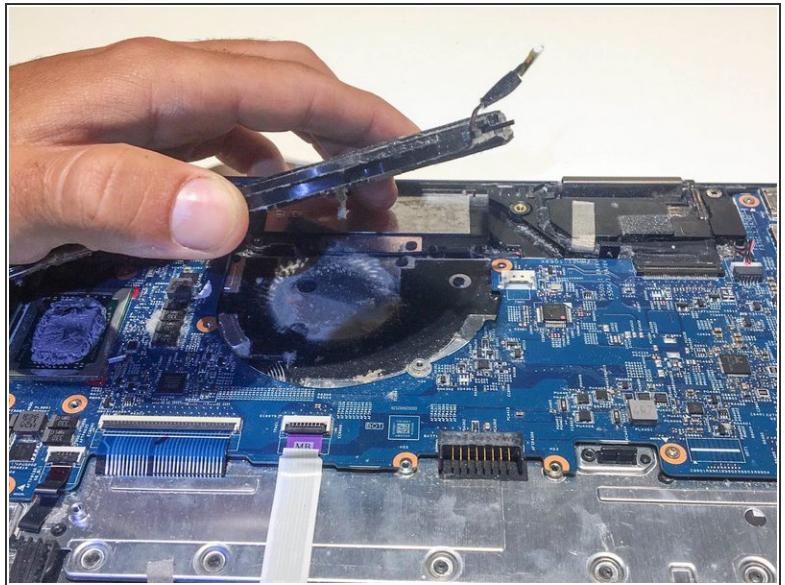
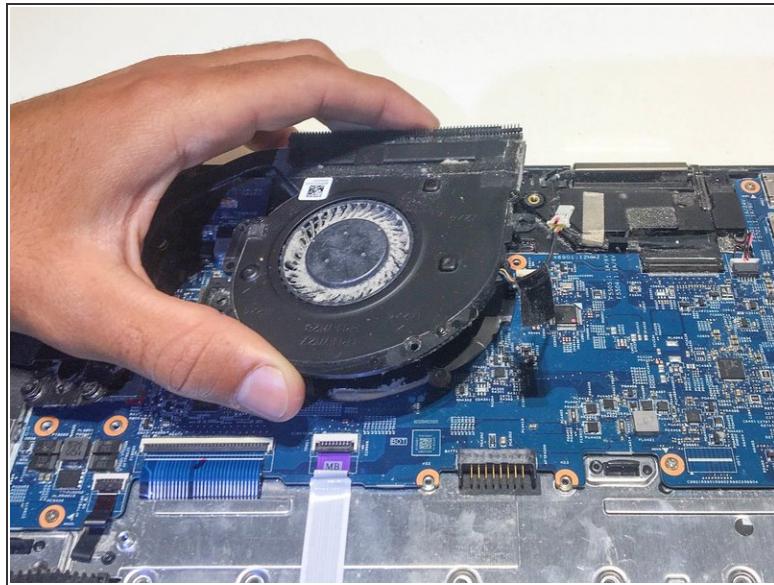
- Remove the connector clip with the tweezers.

Step 8



- Remove the four spring loaded screws with a Philips #1 screwdriver.

Step 9



- Remove the cooling fan.

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