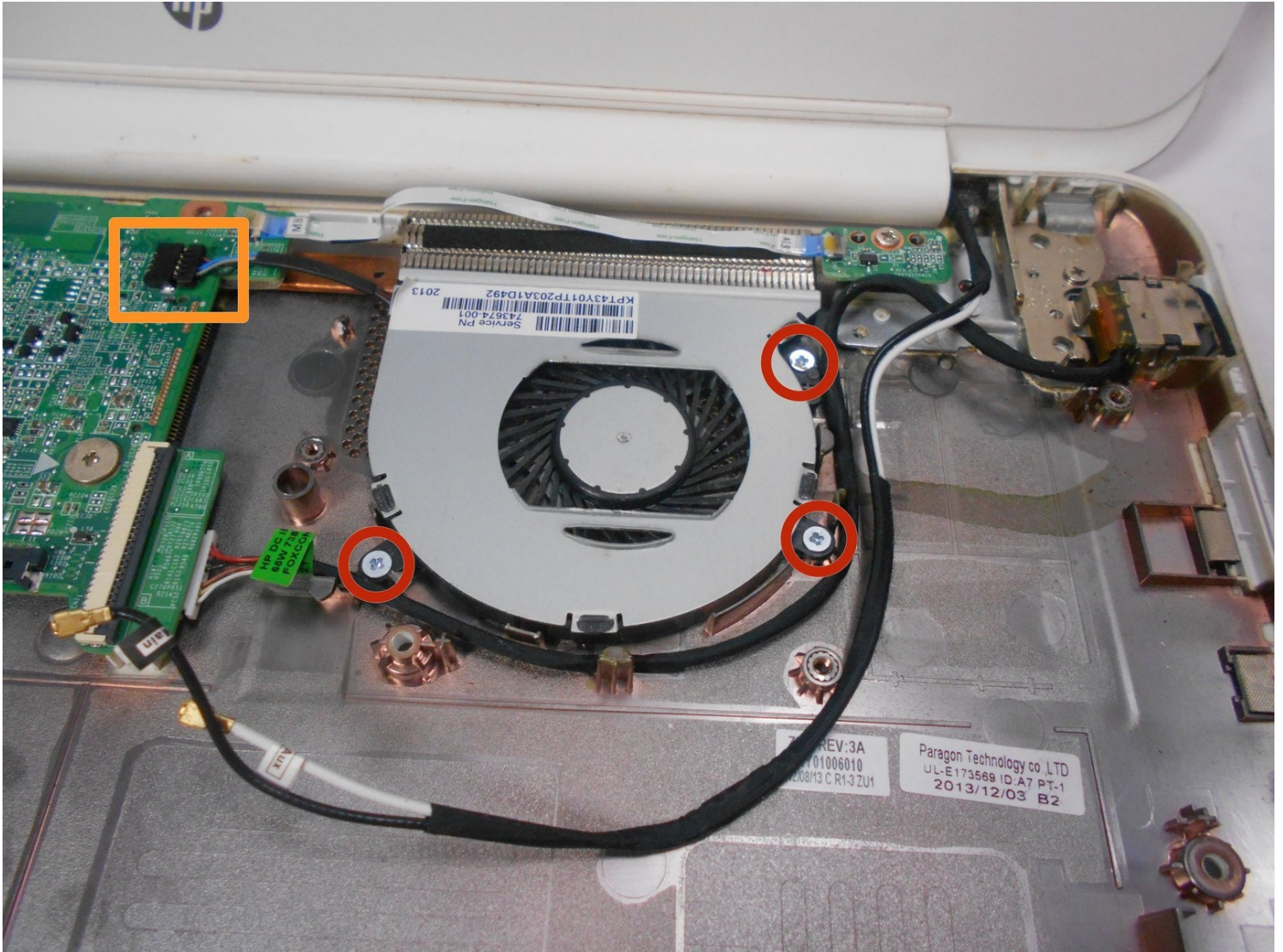




HP Chromebook 14-Q010DX Fan Replacement

This guide requires removal of 3x3mm screws...

Written By: Kevin Piper



INTRODUCTION

This guide requires removal of 3x3mm screws from the fan assembly.

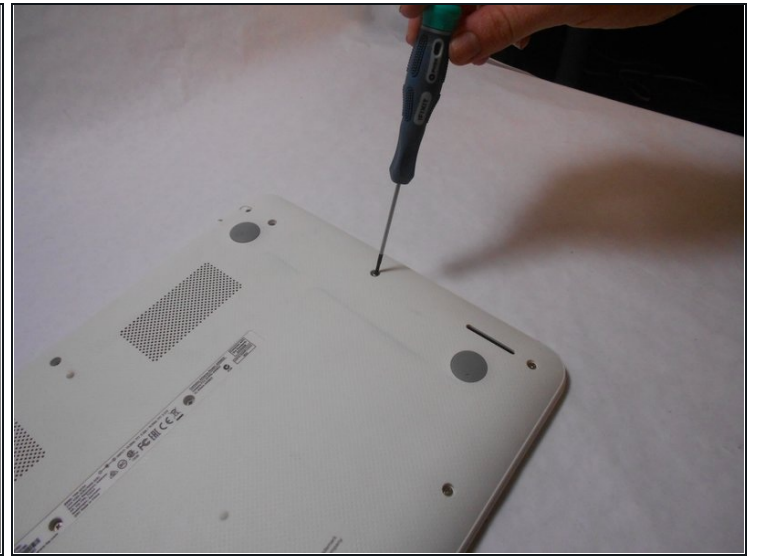
TOOLS:

Phillips #00 Screwdriver (1)
iFixit Opening Tool (1)
Spudger (1)

PARTS:

HP Chromebook 14-Q010DX fan (1)

Step 1 — Keyboard and Touchpad



- Flip the laptop with the base of the laptop is facing you.
- Using the #00 screwdriver, unscrew these screws.

Step 2



⚠ Warning! When prying open a laptop it could require some force, but it also has fragile connectors underneath. Use caution so as to avoid breaking these connectors.

- Start from the top right corner of the laptop and work clockwise with an iFixit opening tool or spudger to pry the keyboard from the frame of the laptop.

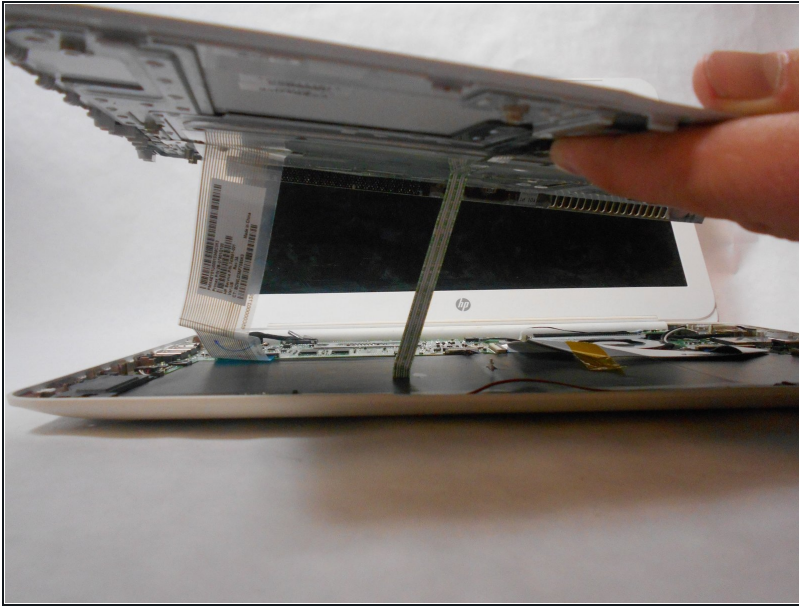
Step 3



⚠ Warning! Handle the flaps and ribbon cables with care to prevent damage.

- Gently pull the keyboard in the opposite direction of the screen, so the wires beneath are exposed.
- Lift the black flap and pull the blue ribbon gently towards you until it is disconnected.
- Lift the white flap and pull the blue ribbon towards you until it is disconnected.

Step 4



- Lift keyboard slightly and remove the strip gently to prevent damaging any parts.
- ① The tape has no function other than to keep the wire tucked away.

Step 5



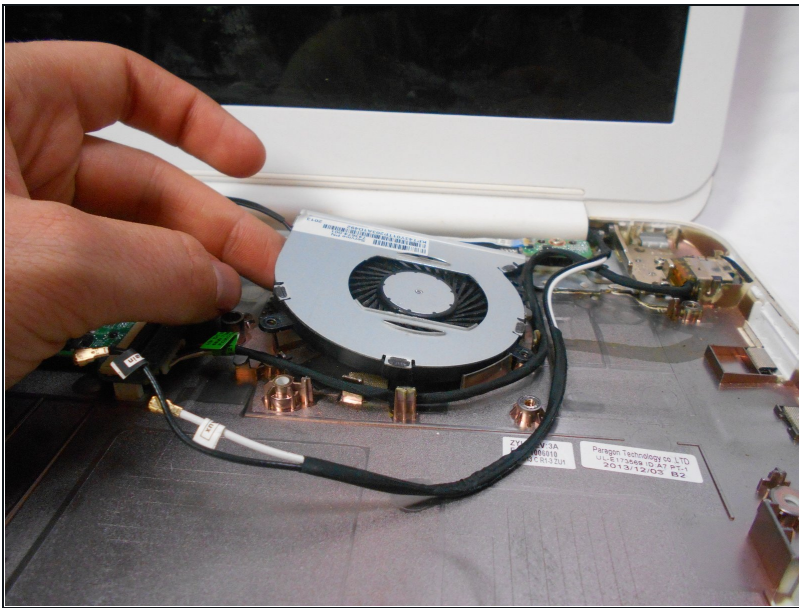
- Set aside the detached keyboard.

Step 6 — Fan



- Remove the 3 screws around the fan.
- Using your fingers or the spudger, disconnect the cable connecting the fan to the motherboard.

Step 7



- Gently remove fan.

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