HP Chromebook 14-ak013dx Charging Port Replacement

This guide will show you how to replace the charging port for an HP Chromebook 14-ak013dx.

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INTRODUCTION

In this guide we will be going through the process of removing a broken charging port from an HP Chromebook 14-ak013dx to replace it.
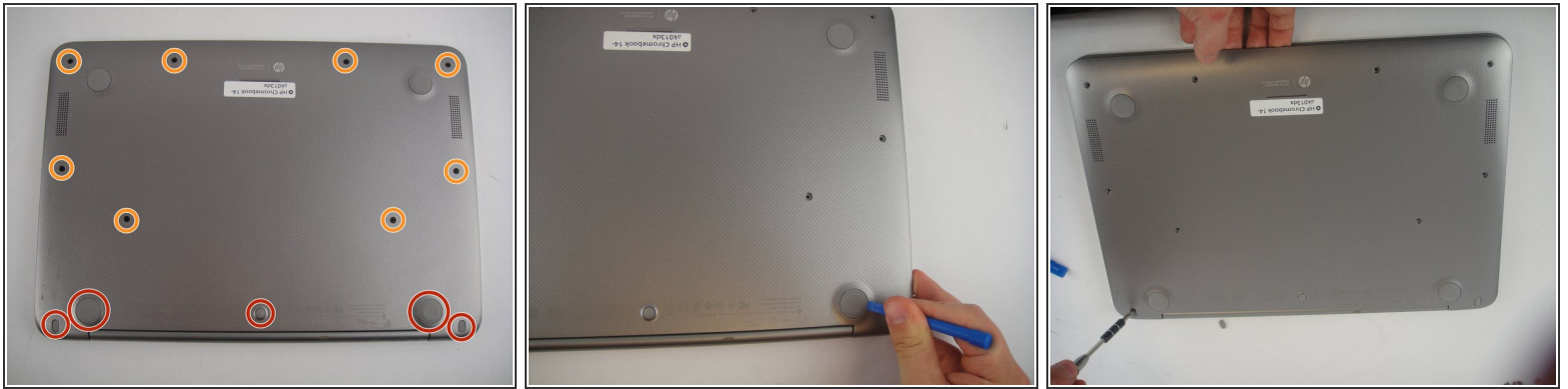
TOOLS:

- Phillips #0 Screwdriver (1)
- iFixit Opening Tools (1)

PARTS:

- Hp Chromebook 14-ak013dx Charging Port (1)

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Step 1 — Charging Port

- Position the laptop so that the bottom is facing towards you and the fold facing away.

- Using a plastic opening tool or another prying device, remove the five rubber stoppers on the upper side of the laptop to reveal screws.

- Using a Phillips-head screwdriver or another capable tool, unscrew the thirteen 5.0 mm Phillips #1 screws on the base of the laptop.

Step 2

- Flip the laptop over and open it so the keyboard is visible.

- Using a plastic opening or prying tool, insert the tool between the keyboard and bottom casing. Then rotate the tool away from the laptop to open it up.

  ⚠ Be sure not to pull the keyboard away just yet as the ribbons are still connected.
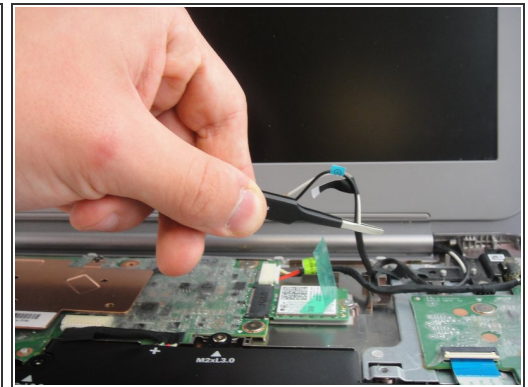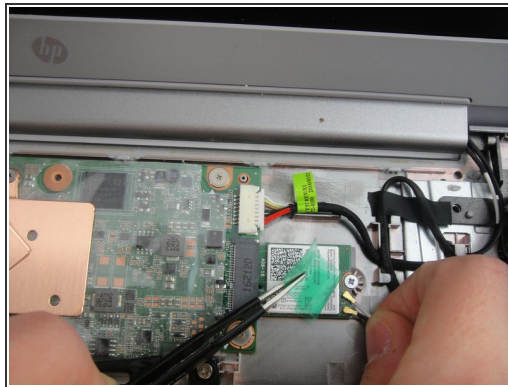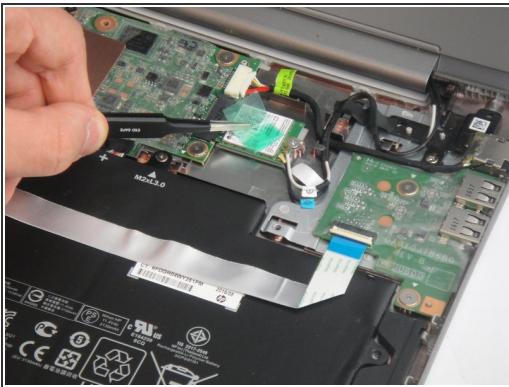
Step 3

- Using a plastic opening tool or your fingers, lift the two black flaps that hold the ribbons connecting the keyboard and touch-pad to fully disconnect the keyboard from the laptop.
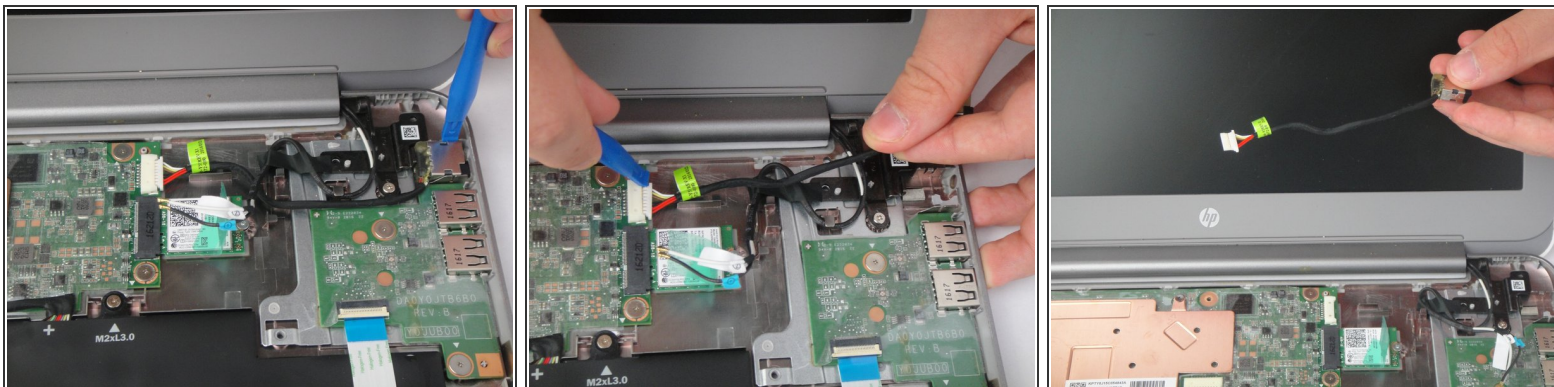
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Step 4

- Disconnect the battery cable from the system board

Step 5

- Partially remove the tape that is covering the two wires connecting to the wireless adaptor.

- Disconnect the white and black wires from the adaptor and remove it from the plastic piece used to guide the wire to free up space.

  ⭐ The wires are labeled (1) and (2), make note of their position for reassembly

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Step 6

- Using a prying tool or your fingers, remove the charging port head.

- Pull by the white plastic or by the wiring away from the connector to remove the piece completely.

- Replace the broken charging port with a new one.

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

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