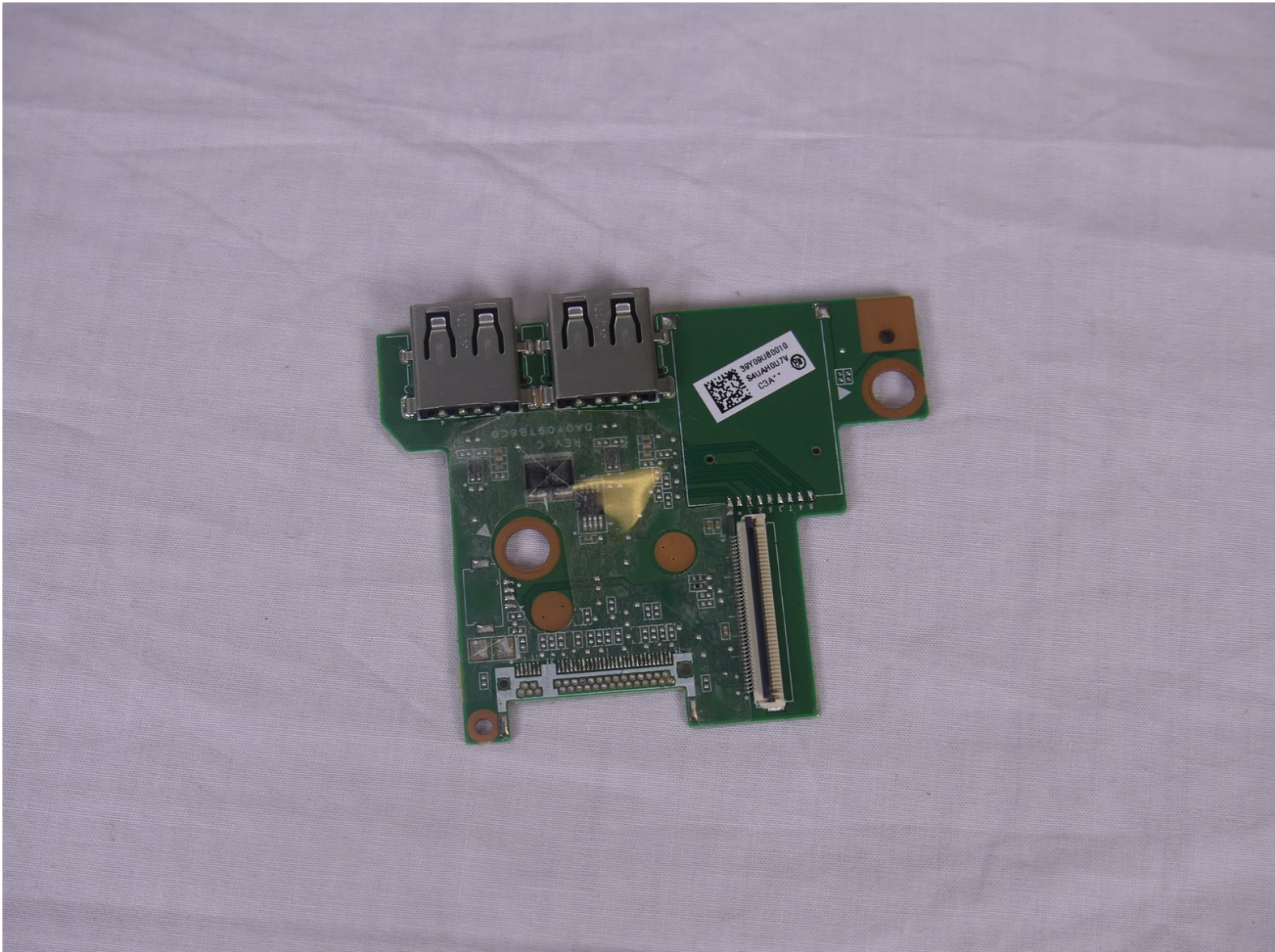




HP Chromebook 14-x013dx I/O Board Replacement

This guide will walk you through the replacement of the USB port I/O board.

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INTRODUCTION

This guide demonstrates the replacement of the I/O board which holds the USB ports. This will require opening the laptop and then removing 15 screws.



TOOLS:

- [Spudger](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
-

Step 1 — Keyboard, Touchpad



- Using the plastic spudger, gently lift the 5 rubber pads away from their seating.

Step 2



- Remove the five 6mm screws located under the removed pads using Phillips #00 screwdriver.

Step 3



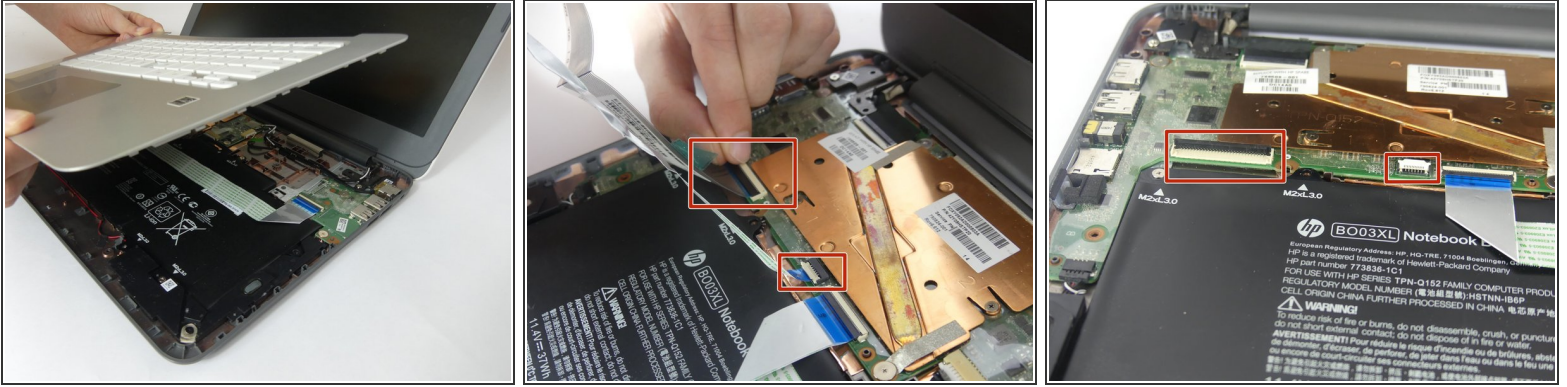
- With the Phillips #00 screwdriver, remove the remaining eight 6mm screws. You will now have thirteen 6mm screws removed from the case.

Step 4



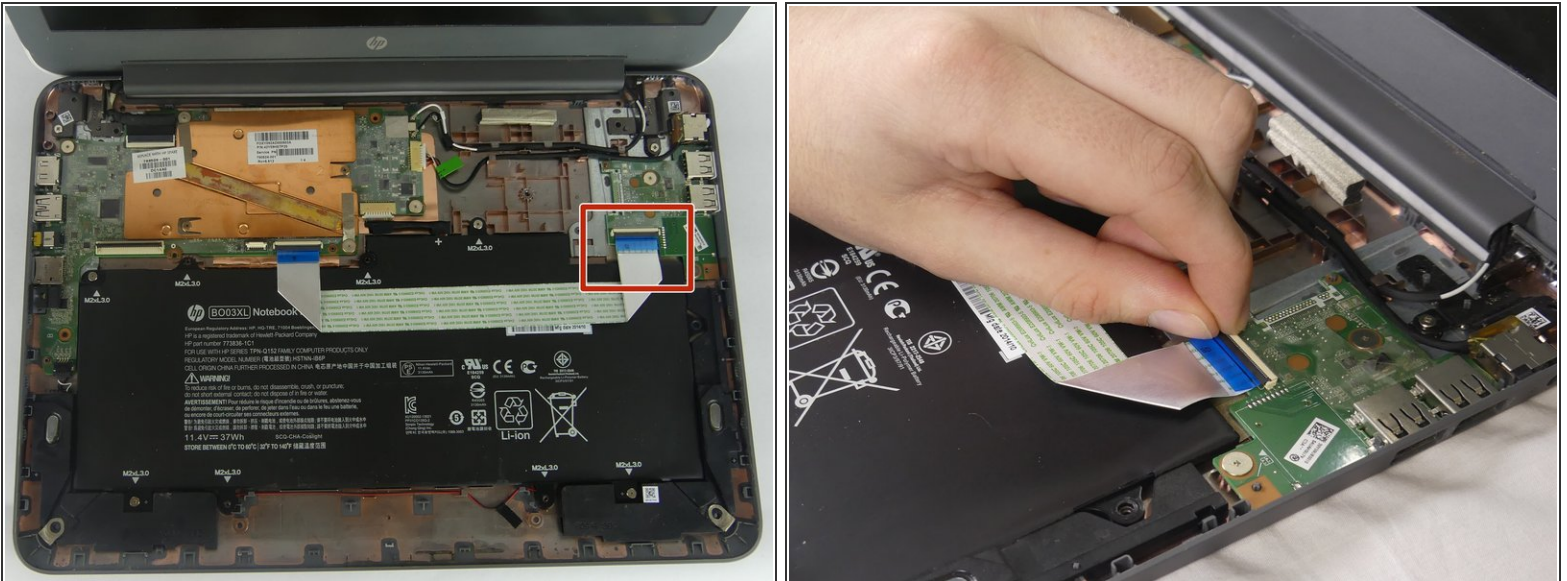
- To continue removing the back cover, turn the laptop over as displayed.
- Use the plastic spudger to gently pry around the base of the laptop from the back cover. Continue prying around the entire base of the laptop.

Step 5



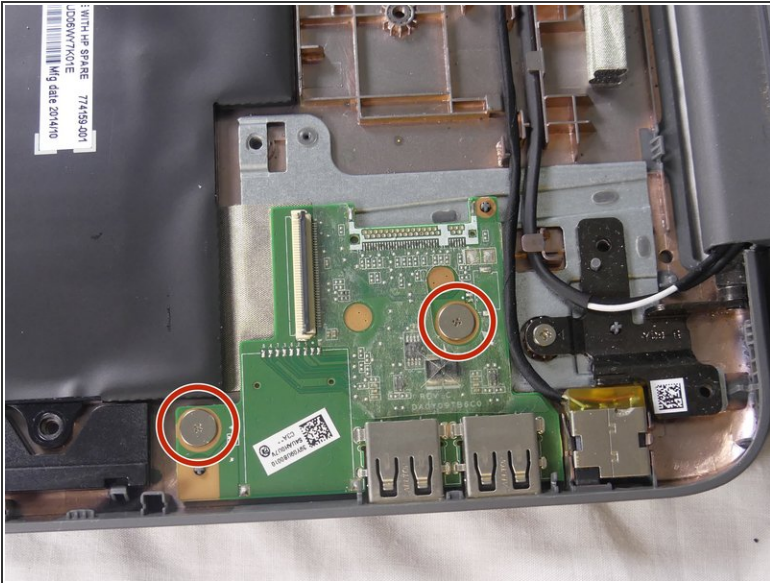
- Gently lift the silver base of the laptop from the bottom, but do not remove it.
- To remove the ribbon cables, lift the latch holding the ribbon cables in place and then pull them free.
- Remove the keyboard panel from the laptop.

Step 6 — I/O Board



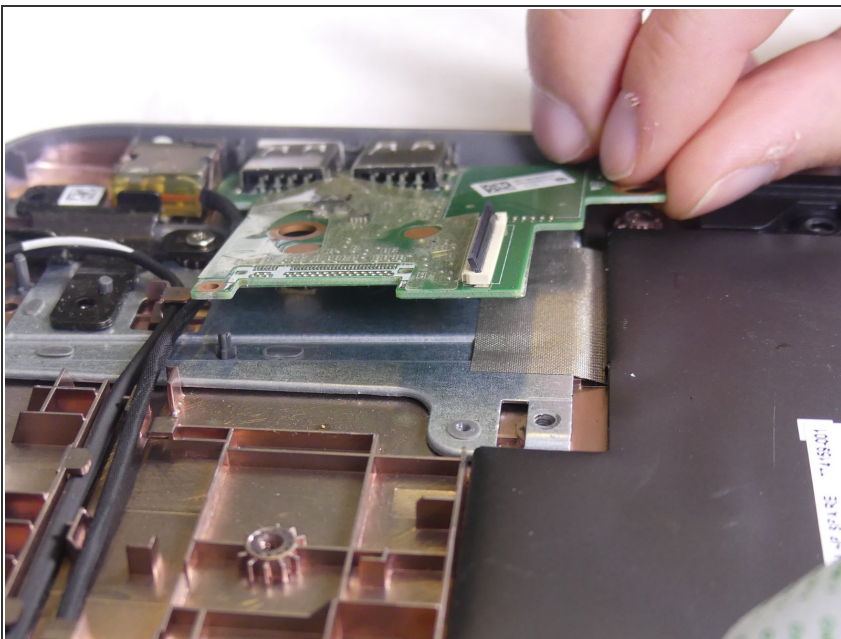
- Unhook the ribbon connecting the I/O board and the battery.
- ① To remove the ribbon, lift the latch holding the ribbons in place and then pull them free.

Step 7



- Remove two 2mm screws from the I/O board using the Phillips PH00 screwdriver.

Step 8



- Lift the I/O board out of the laptop case.

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