



HP Pavilion x360 m3-u103dx Daughterboard Replacement

In this guide we will be guiding the user through the process of replacing the daughterboard in the HP Pavilion x360 m3-u103dx computer.

Written By: Victor Samuel



INTRODUCTION

This guide will show you how to remove your HP Pavilion x360 daughterboard for replacement. The daughterboard contains the lefthand USB and headphone ports, so if you are having problems with these ports, a daughterboard replacement should remedy any issues.



TOOLS:

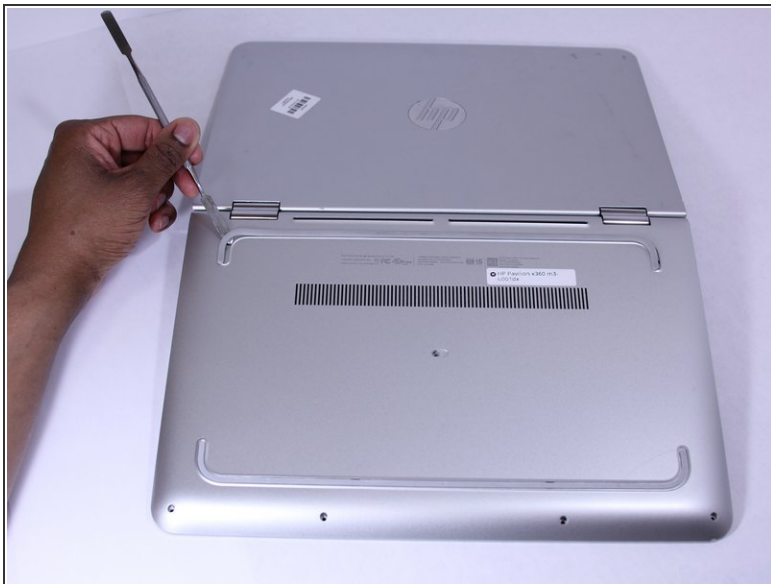
- [Phillips #00 Screwdriver](#) (1)
 - [Metal Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Heavy-Duty Spudger](#) (1)
-

Step 1 — Keyboard



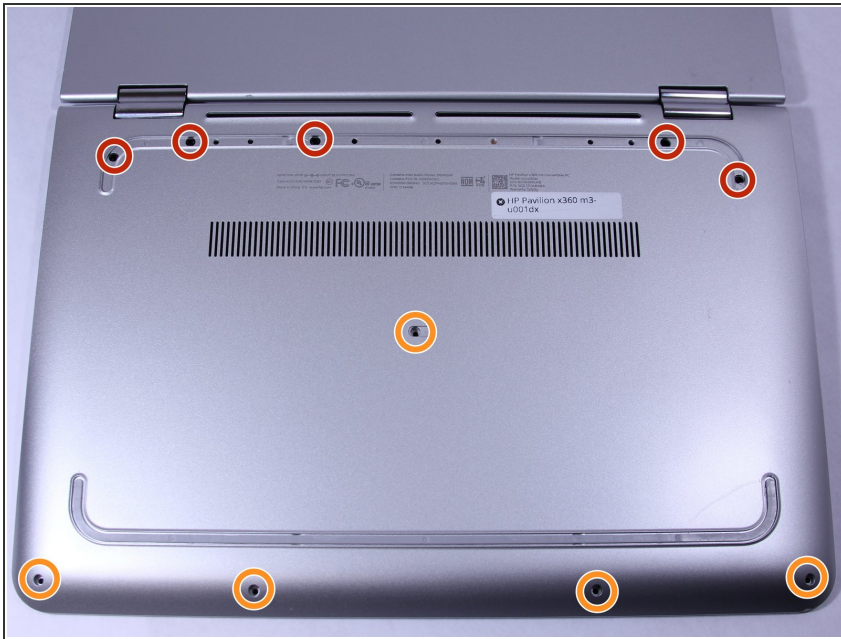
- Shut down the computer.
 - Disconnect the power and all external devices connected to the computer.
- ⚠ Working on your device while it is turned on may result in electric shock.

Step 2



- Use a Metal Spudger and remove the rubber foot closet from the bottom of the laptop.

Step 3



- Remove all of the screws located on the bottom of the laptop:
 - 5 Phillips 2.4 x 5.7 mm screws
 - 5 Phillips 2.0 x 5.0 mm screws
 - ① Make special note of each screw and screw lock size and location during removal and replacement.


Step 4



- Turn the computer over onto its base, with the computer open and the keyboard facing upward.

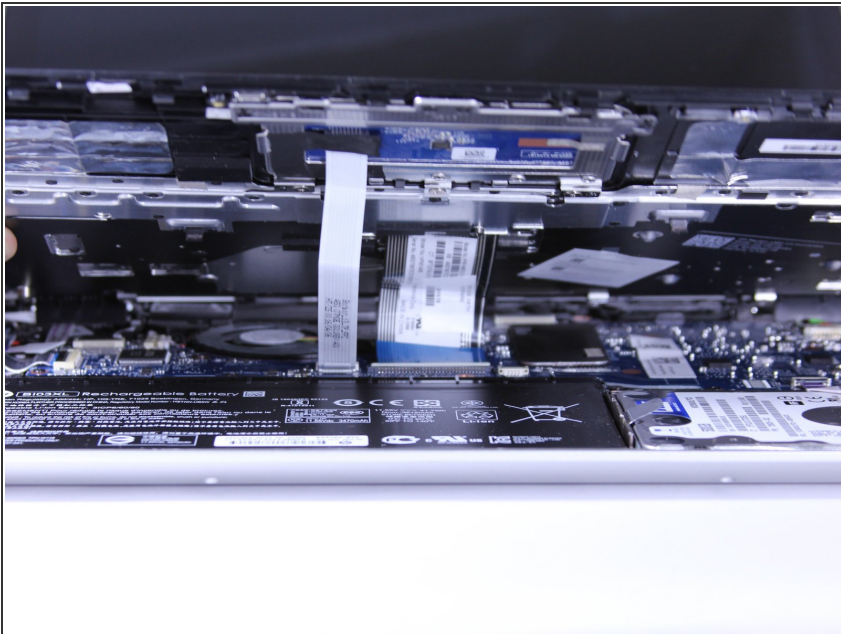
Step 5




 The keyboard is attached internally by clips. Use a small amount of force when removing the keyboard.

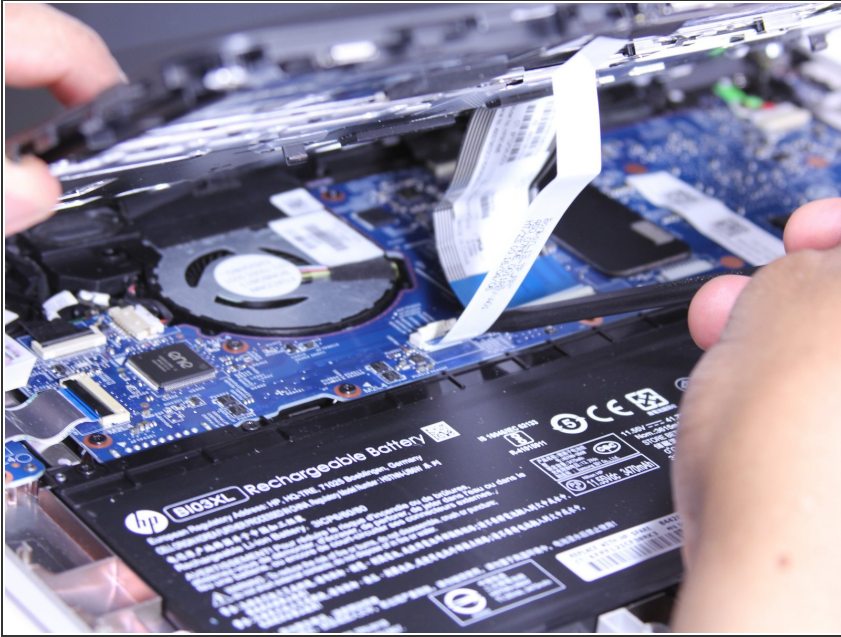
- Use the Plastic Opening Tool to separate the keyboard from the base of the laptop.

Step 6



- Raise the keyboard slightly to access the touch pad and keyboard cables.
-  Raising the keyboard too far or with excessive force may cause damage to the keyboard, touch pad cables, or their connectors.

Step 7



- Disconnect the ribbon cables attaching the touch pad and keyboard to the system board (motherboard).
- Using the Heavy-Duty Spudger lift up the plastic locks connecting the ribbon cable to the motherboard.
- Use the blue plastic tab on the ribbon cable to pull it out from the lock on the motherboard.

Step 8



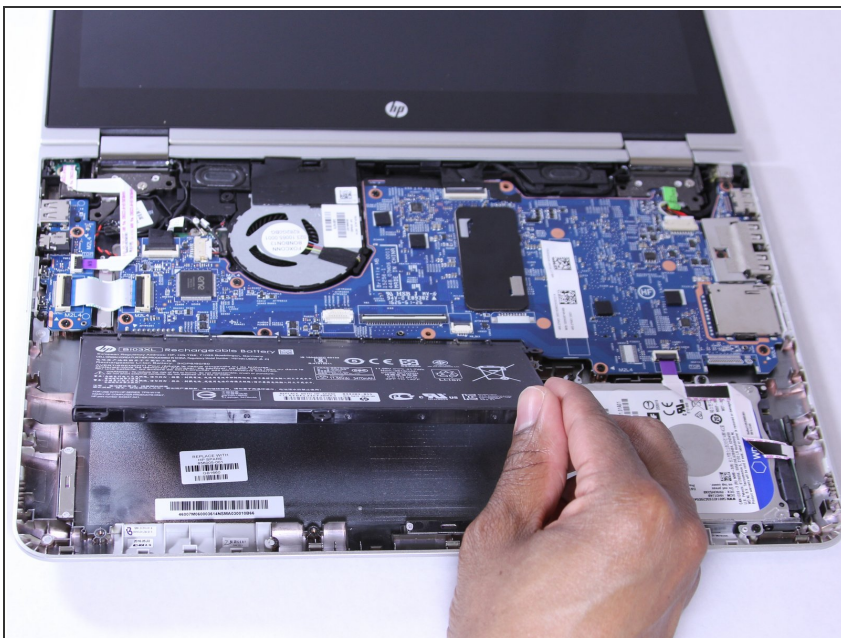
- Lift the keyboard away from the base of the laptop.

Step 9 — Battery



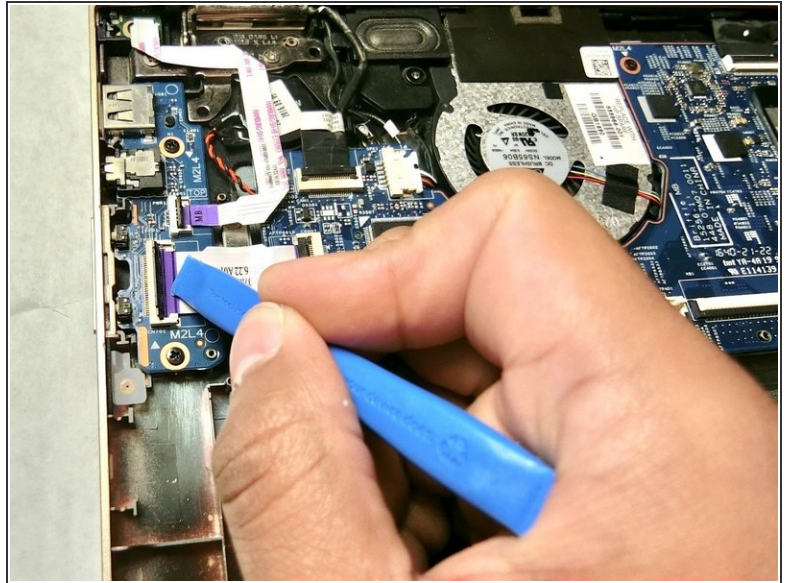
- Using the Phillips 00 Screwdriver, remove 6 Phillips 2.0 x 4.6 mm screws from the perimeter of the battery.
- ⓘ Make special note of each screw and screw lock size and location during removal and replacement.

Step 10



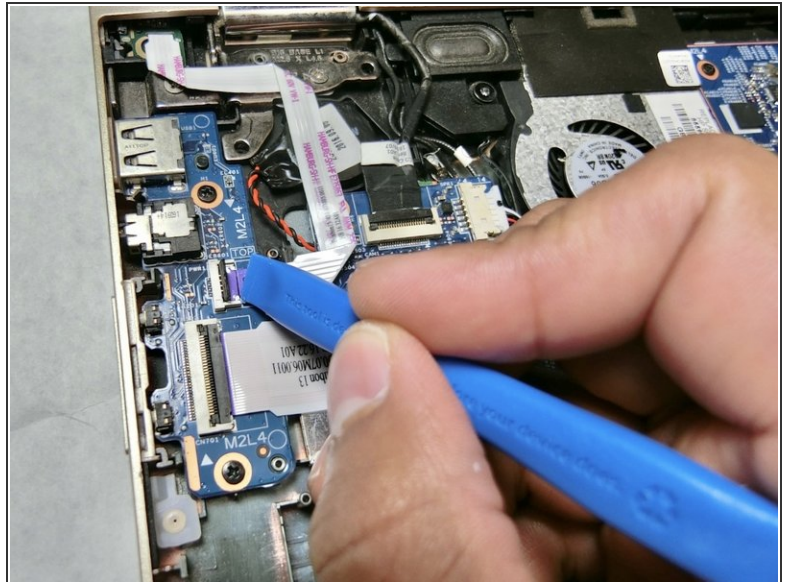
- ⚠ Carefully lift the battery up from lower right corner and disconnect it from the motherboard.

Step 11 — Daughterboard



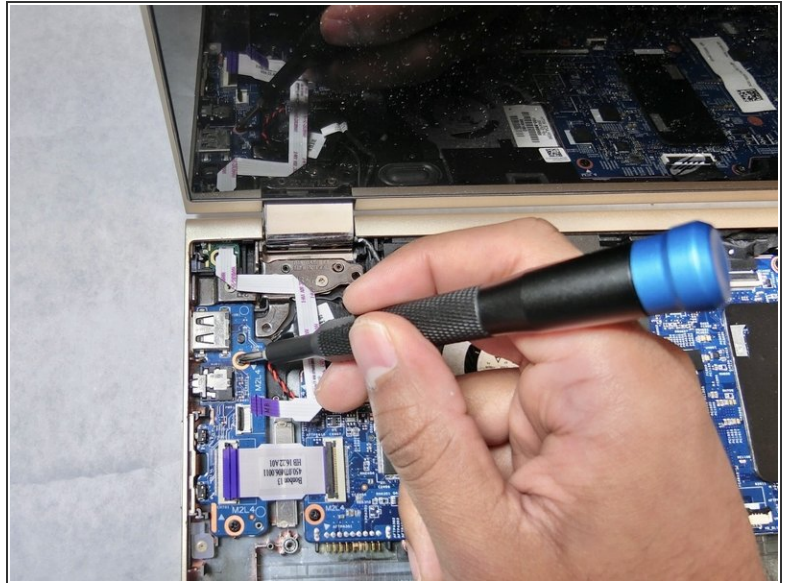
- Carefully disconnect the lower ribbon cable by pry the locking bar of the ZIF connector up with a spudger and pulling the cable loose.

Step 12



- Use the same procedure to disengage the skinnier ribbon cable just above the first: pry up the locking bar of the ZIF connector and slide out the cable.

Step 13



- Remove the two screws with a Phillips #00 screwdriver.
- Remove the daughterboard.

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