
INTRODUCTION

The battery is defective if the power is draining quickly after a full charge, or doesn't receive charge at all. Then use this guide.

TOOLS:

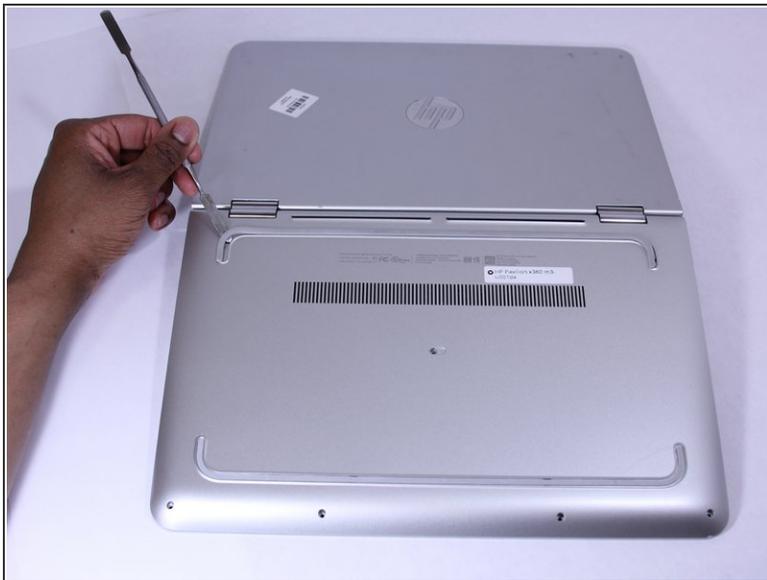
- [Phillips #00 Screwdriver](#) (1)
 - [Metal Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Keyboard



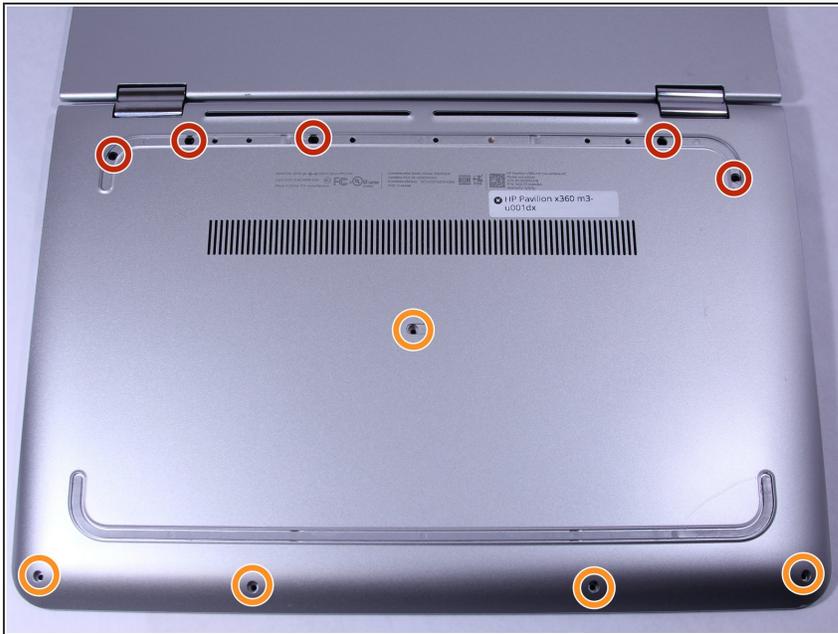
- Shut down the computer.
- Disconnect the power and all external devices connected to the computer.
- ⚠ Working on your device while it is turned on may result in electric shock.

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
 - ⓘ 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.

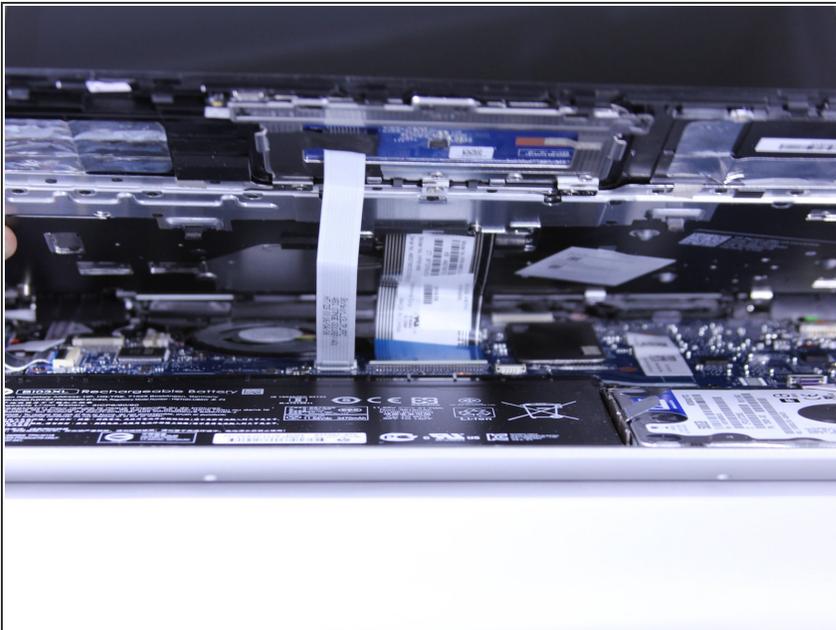
Step 5



! 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



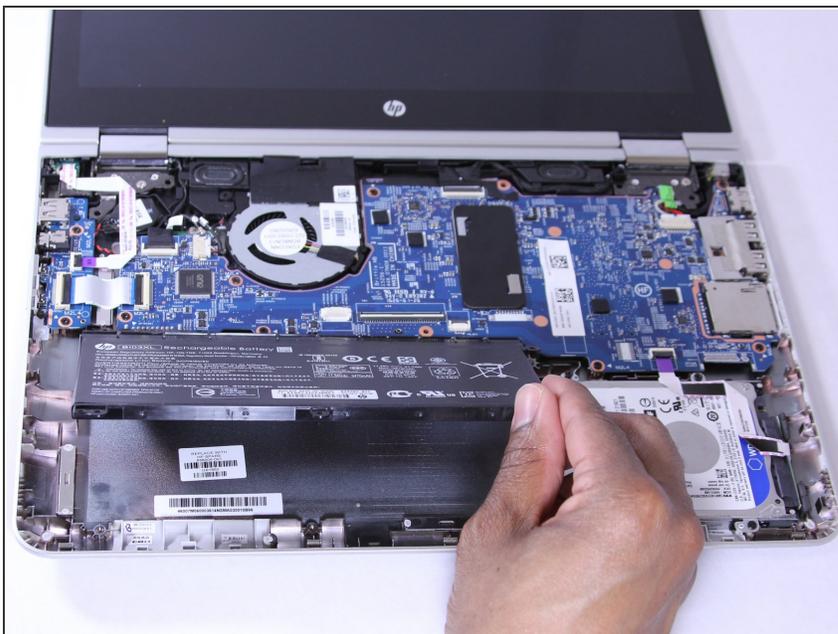
- Lift the keyboard away from the base of the laptop.

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.

Follow these instructions in reverse order to reassemble your device.