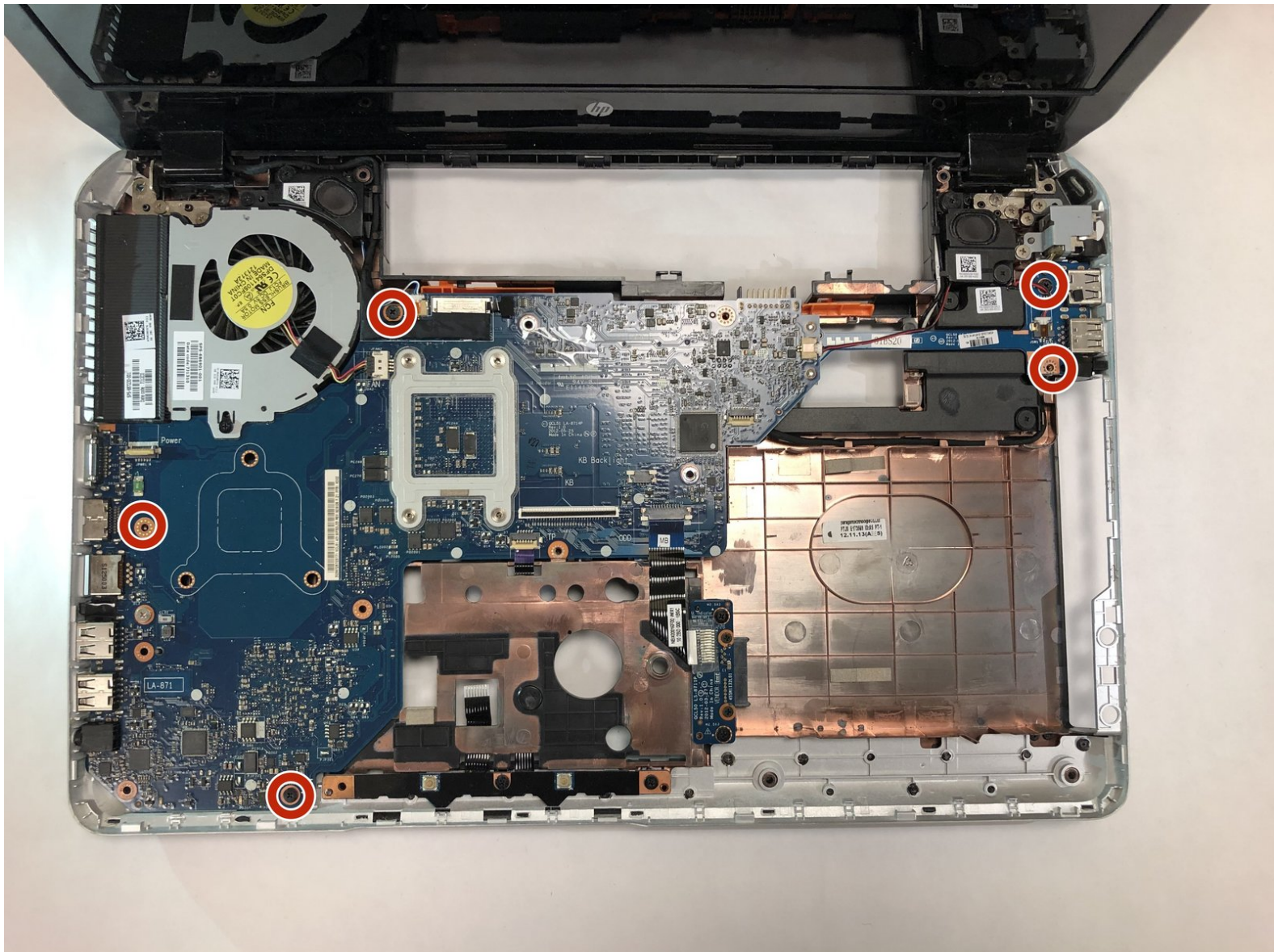




# HP Envy M6-1205DX Motherboard Replacement

This guide explains how to replace the motherboard on the HP Envy m6-1205dx laptop.

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# INTRODUCTION

In this guide you will learn how to safely replace the motherboard on the HP Envy m6-1205dx. This is not a simple task as you will need to disassemble a lot of the laptop. Be prepared to keep track of a lot of screws and cables.



## TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [Tweezers](#) (1)
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## Step 1 — Battery



- Lay the device face down to begin.

## Step 2



- Slide the release mechanism to the left to release the battery.

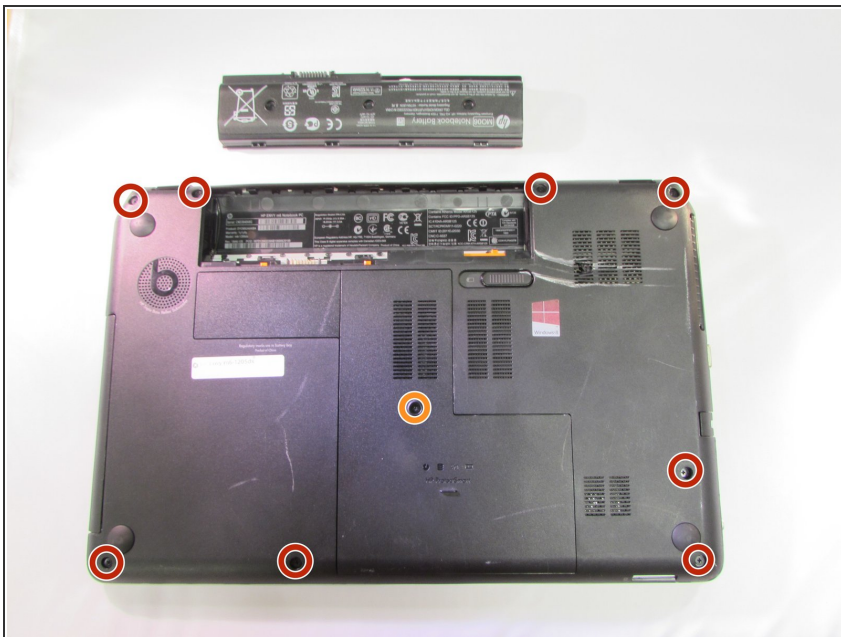


## Step 3



- Remove the battery.

## Step 4 — Touchpad



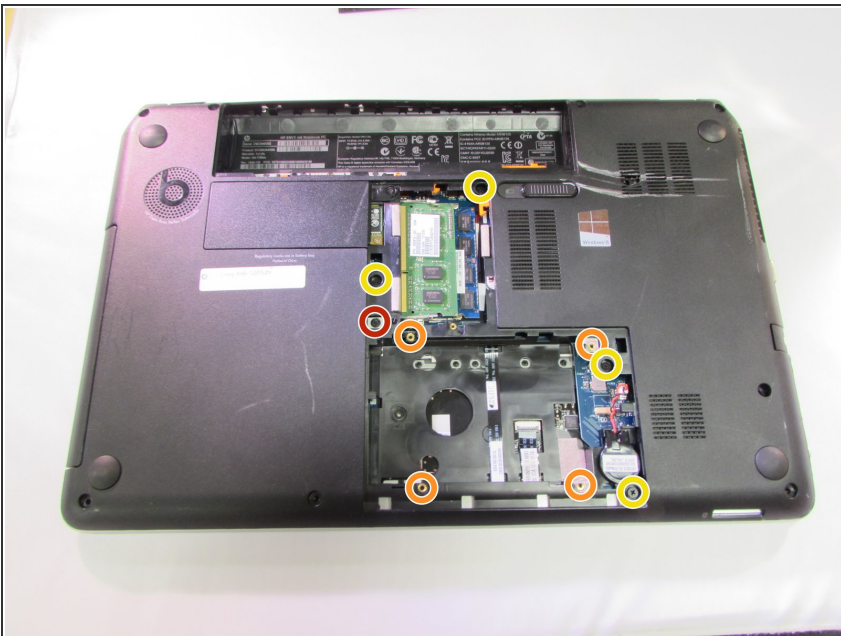
- Using a Phillips #1, remove the 8 10.6mm screws.
- Also using a Phillips #1, remove the 8.6mm screw.

## Step 5



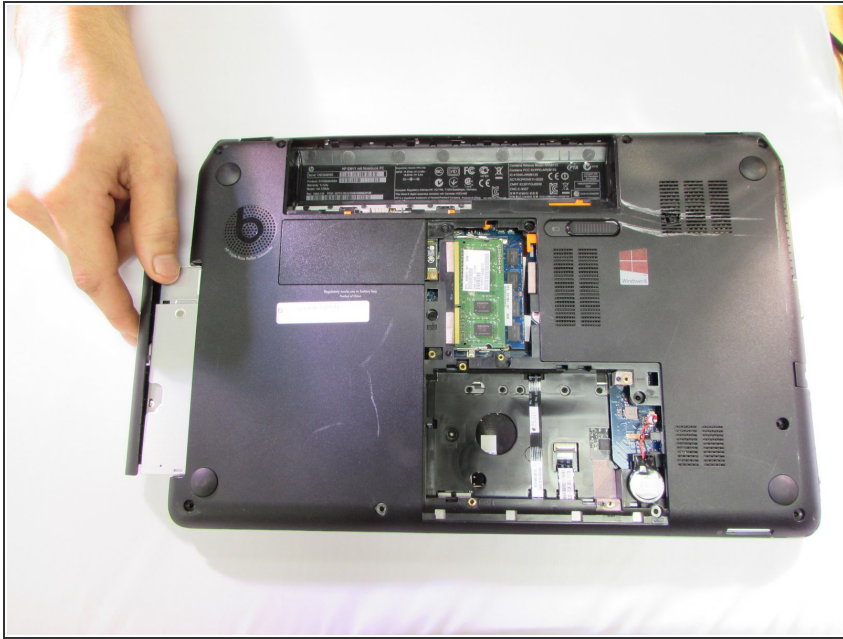
- Slide the center panel down to remove it.

## Step 6



- Using a Phillips #1, remove the 3.5mm screw.
- ⓘ Our computer did not come with a hard drive so you should have one in the empty hole. We have marked where we believe the screws will be in orange.
- Using a Phillips #1, remove the four 10.6mm screws.

## Step 7



- Pull the disk drive out to remove it.

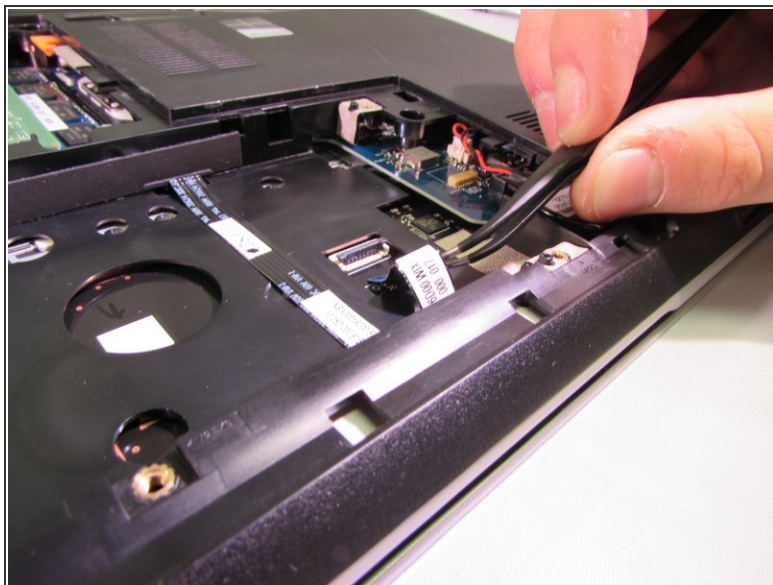
## Step 8



- Using a Phillips #1, remove the two 2.4mm screws.



## Step 9



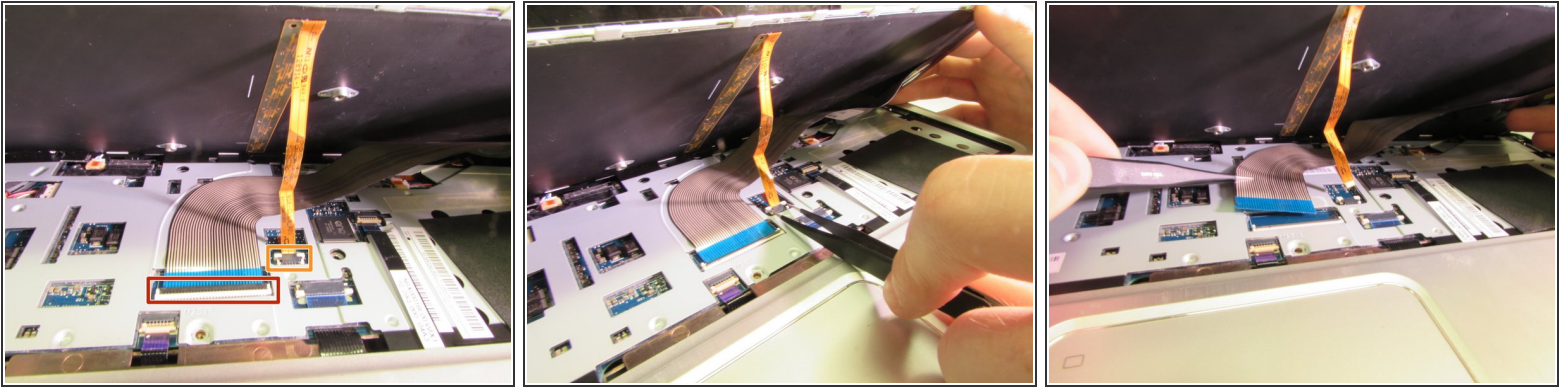
- Flip the black tab up on the clamp that holds the ribbon cable in place.
- Pull the cable back with your fingers or a pair of tweezers.

## Step 10



- Flip the computer back over
- Use the plastic opening tool to pry the keyboard up .

## Step 11



- Carefully lift the keyboard up.
- Flip up the black tab holding the large ribbon cable down.
- Push both sides of the small white tab forward to release the small ribbon cable.
- Pull both the cables out to remove them.
- Remove the keyboard.

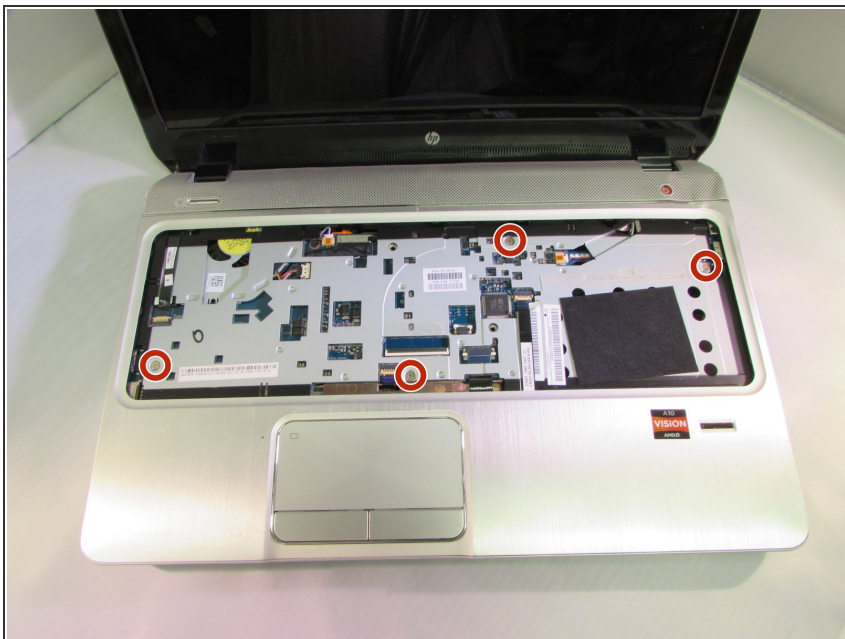
## Step 12



- Flip the small white tab up to release the ribbon cable.
- Pull to remove.
- Repeat the same steps for the other cable.

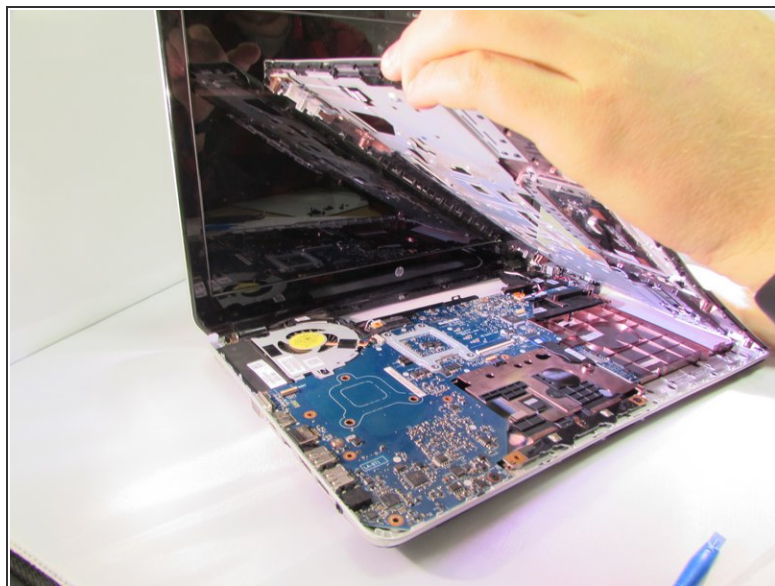
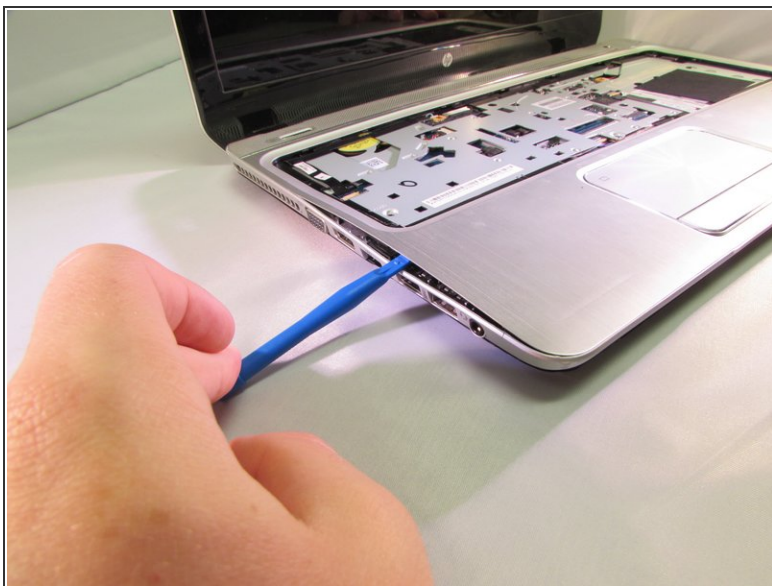


## Step 13



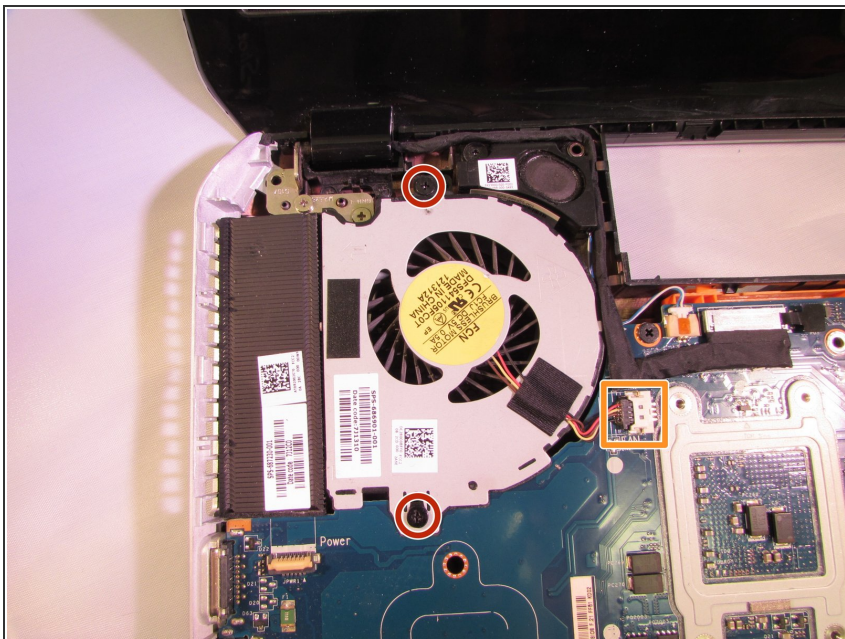
- Using a Phillips #1, remove the four 5.6mm silver screws.

## Step 14



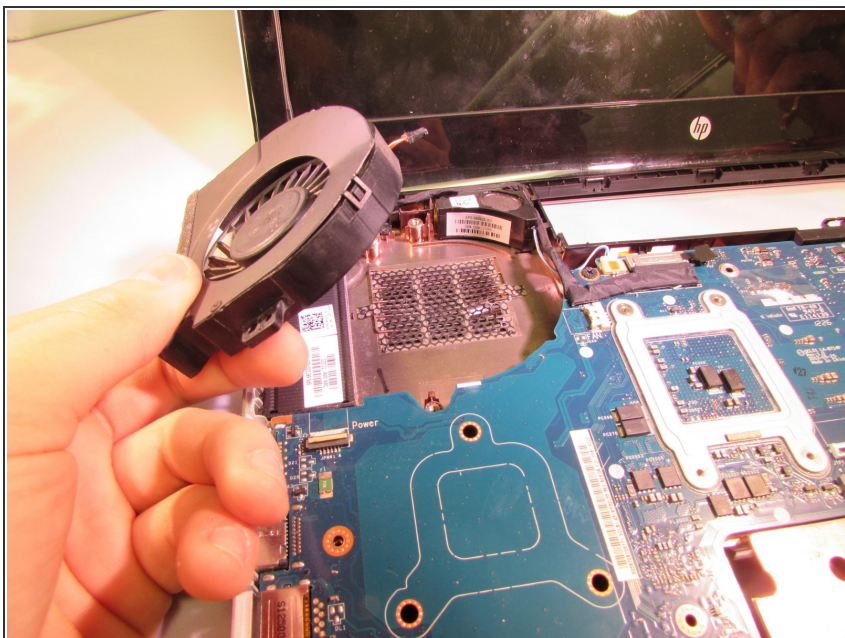
- Use the plastic opening tool to pry the face plate off the rest of the frame.
- Once you pry all of the snaps up lift the face plate off.

## Step 15 — Fan



- Using a Phillips #1, remove the two 10.6 mm screws.
- Gently pull back on the cable to unplug it.

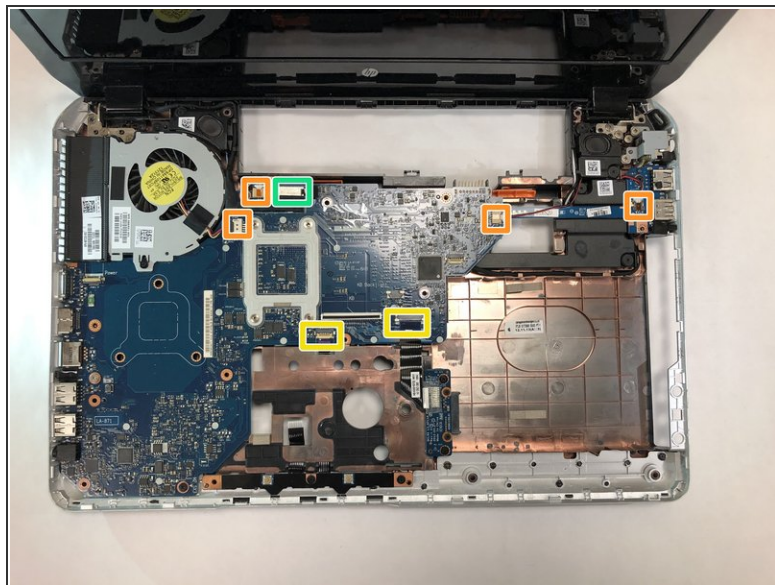
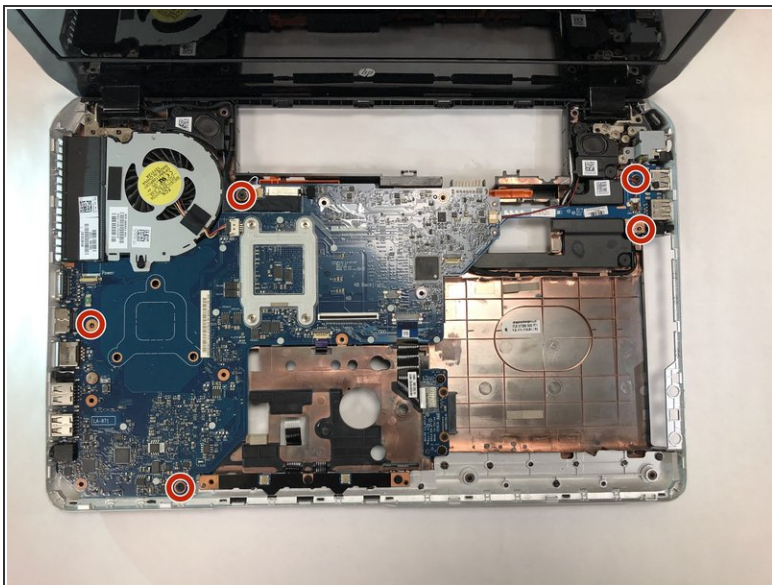
## Step 16



- Pull the fan out to remove it.

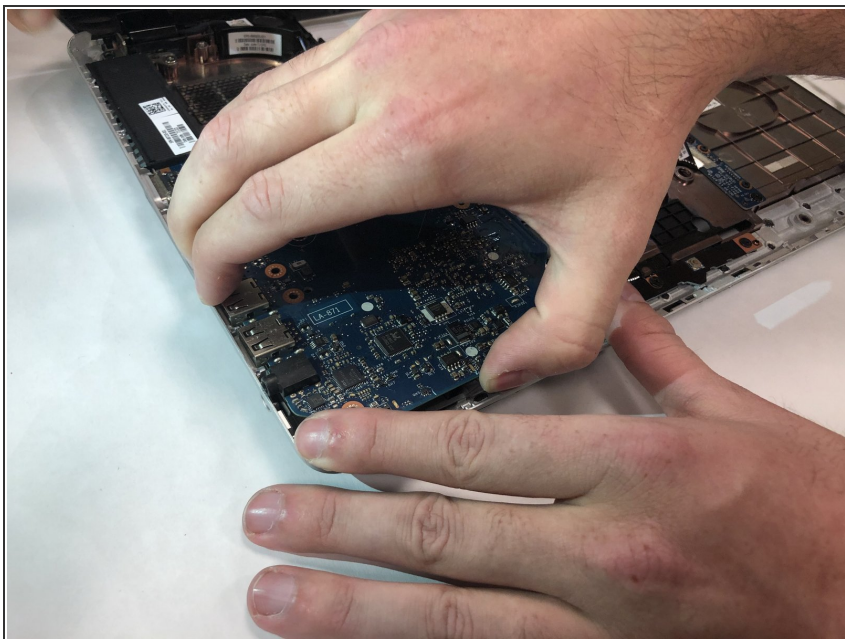


## Step 17 — Motherboard



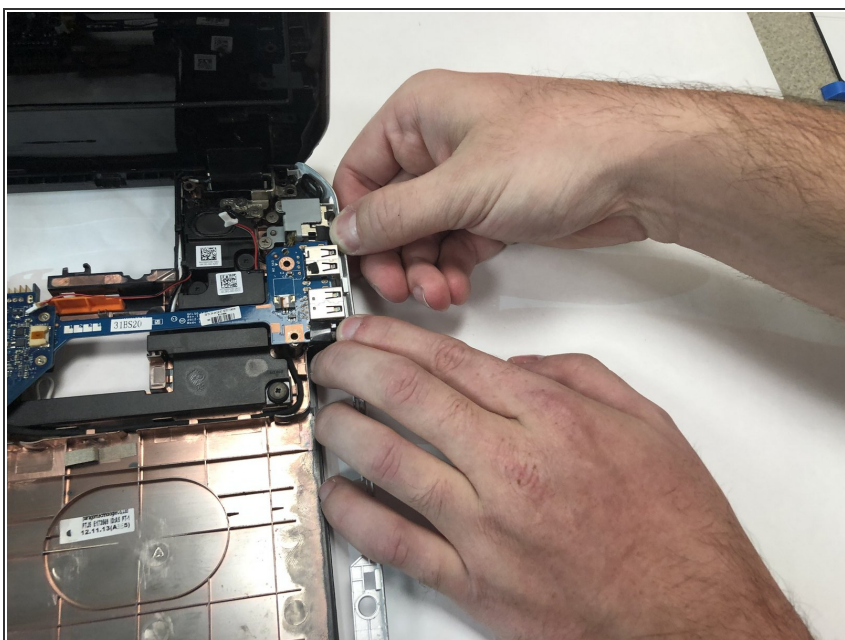
- Using a Philips #1, remove the five 5.0 mm screws.
- Gently pull the mini power connectors to remove them.
- Gently pull the two ribbon cables to remove them.
- Pull the black tab to remove the LCD screen connector.

## Step 18



- Gently pull the motherboard away from the case on the lower left-hand corner.

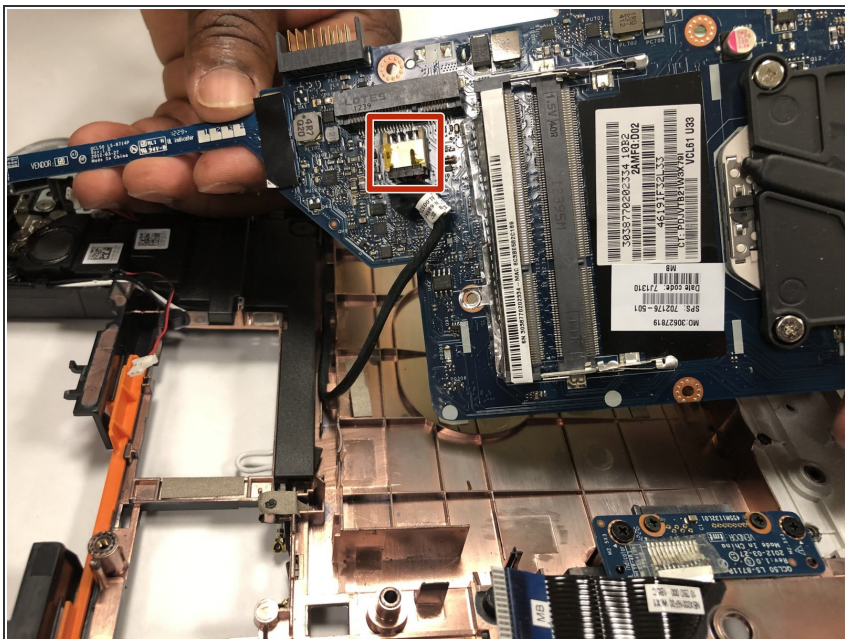
## Step 19



- Gently pull the case away from the motherboard on the upper right-hand corner.



## Step 20



- Pull the motherboard out of the laptop, taking care to detach the cable on the underside as you do so.

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