



HP Envy 4-1105dx Display Replacement

Use this guide to replace the cracked or broken screen of your HP device. This guide does not include the removal of the front facing camera.

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INTRODUCTION

Use this guide to replace the broken display on your HP Envy 4-1105dx.

TOOLS:

- [Metal Spudger](#) (1)
 - [Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
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Step 1 — Battery



- ⓘ Power off the device before beginning disassembly. Disconnect all external devices.
- Flip the device on its back.

Step 2



- Unscrew and remove the one 7.5 mm Phillips-head screw using Phillips #1 screwdriver.

Step 3



- Unscrew twelve 6.0 mm Phillips-head screws using Phillips #1 screwdriver.

Step 4



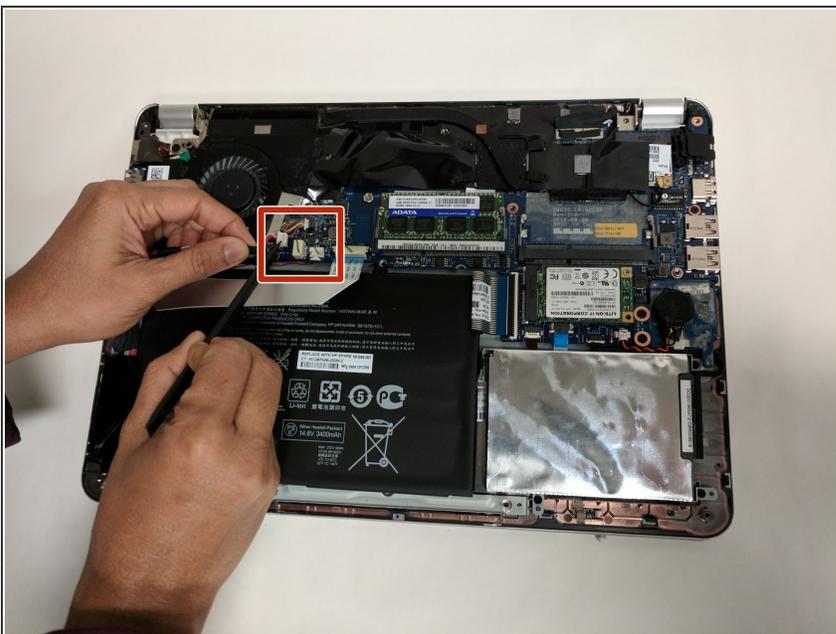
- Use the plastic opening tool (which is short and has a thin end for prying open device parts) to pry open the back case of the device.

Step 5



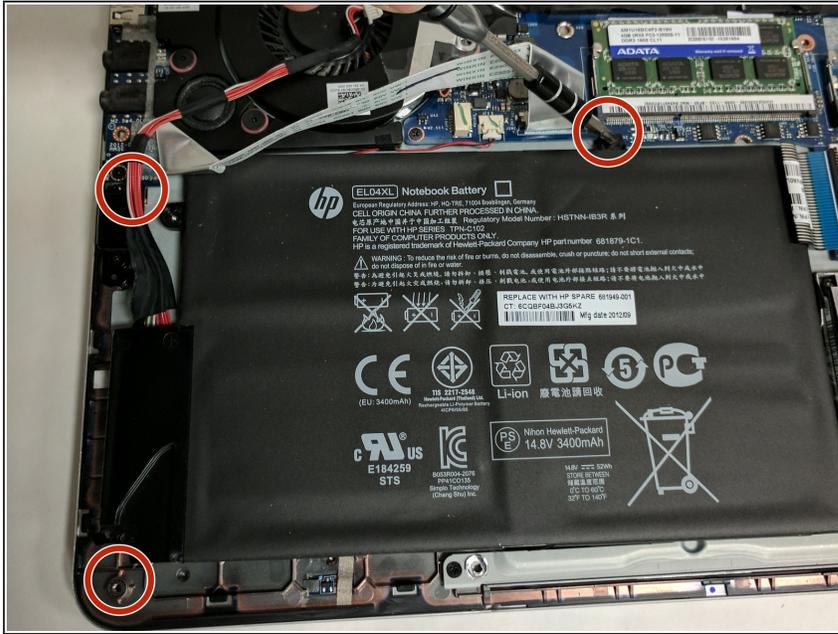
- Once the device is open, move the ribbon cable to the side.

Step 6



- Use the flat end of a plastic spudger to disconnect the battery cable from its socket in the motherboard.

Step 7



- Unscrew and remove the three 4.0 mm Phillips-head screws that hold the battery in place, using a Phillips #1 screwdriver.

Step 8



- Lift the battery up and remove.
- ⚠ Removing the battery can dislodge the touchpad bracket. Place the battery carefully over the alignment pins.

Step 9 — Display



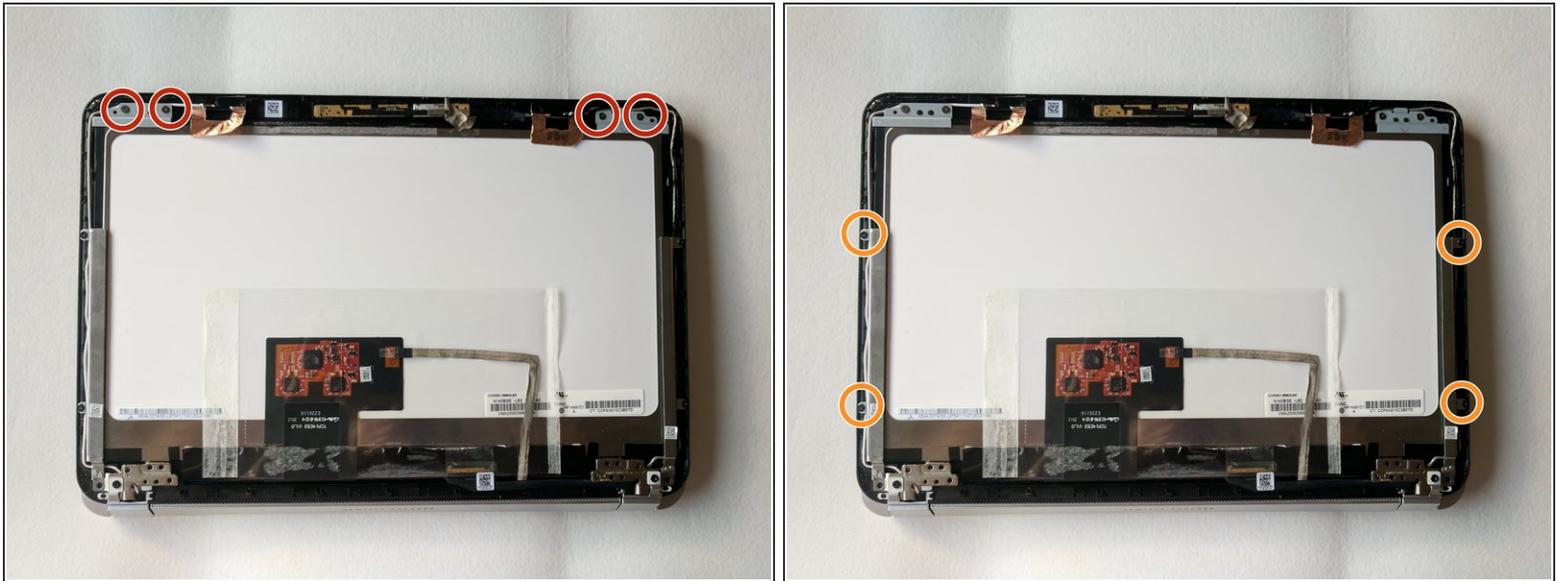
- Close the device and turn it right-side up. Locate the two screw covers on the left and right side base of the display panel.
- Remove the screw covers, using the black plastic spudger.
- Remove the two 3.0 mm Phillips-front screws on the left and right hinges that secure the display panel to the computer, using a Phillips #1 screwdriver.

Step 10



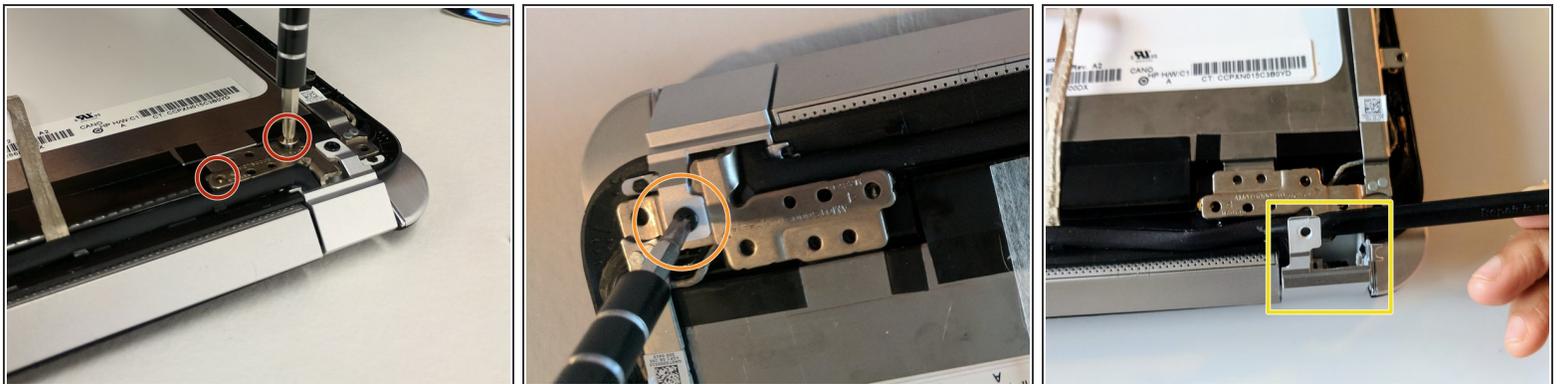
- Pry open the plastic bezel case of the device using the plastic spudger. If the plastic spudger doesn't work, carefully use the metal spudger.
- Loosen the edges of the case from all four sides of the display panel.
- ⚠ Be careful not to use hands while opening, as the edges of the back case are sharp.
- Once the back case pops out, close the laptop exposing the back display.

Step 11



- Remove the four 4.0 mm Phillips display panel screws using Phillips #1 screwdriver.
- Remove the four 2.0 mm Phillips screws using Phillips #00 screwdriver.

Step 12



- Remove the four 4.0 mm Phillips silver screws on the hinges using a Phillips #1 screw driver.
- Remove the two 6.0 mm Phillips black hinge cover screws using a Phillips #0 screw driver.
- Flip and remove the hinge covers using a plastic spudger.

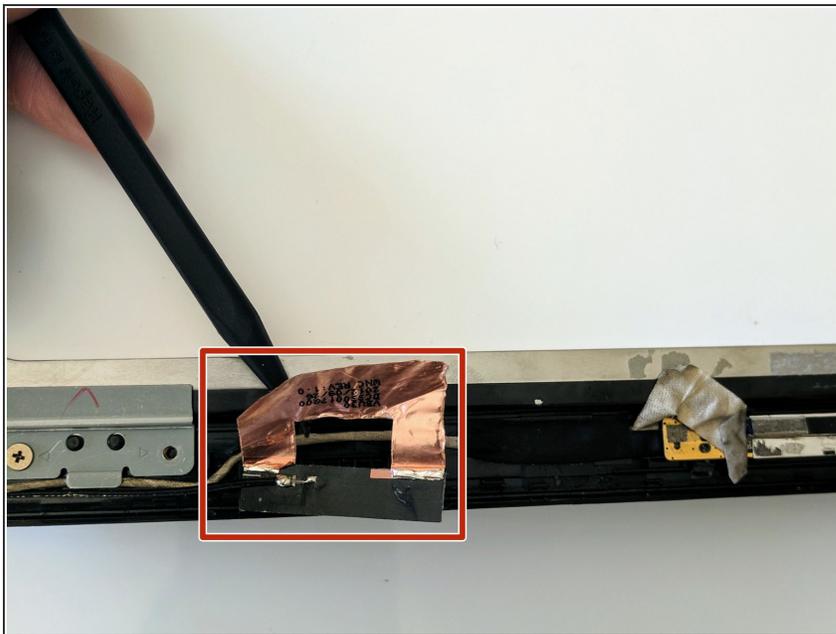
⚠ While flipping, be careful not bend the screen brackets.

Step 13



- Disconnect the ribbon cable on the bottom of the display panel using a plastic spudger.
- Disconnect the adjacent golden LCD connector using a plastic spudger.

Step 14



- Remove the golden tape adhering to the display panel using a plastic spudger.

Step 15



- Remove the white color wifi antennas from the display panel using a plastic spudger.

Step 16



- Separate the transparent plastic tape that covers the circuit board using hands.
- Carefully flip the circuit board.
- Remove the black tape adhering to the green circuit board that is connected to the display panel.

Step 17



- Using a plastic prying tool, remove the display panel.
- This is the disassembled screen.

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