



How to realign HP Photosmart D110a scanner

If the scanner is not functioning properly, this guide will provide guidance for realigning the scanner, and allow for proper scanning.

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INTRODUCTION

Considering the steps in this guide were completed by 2 people, it is recommended that this guide is attempted with two or more people

Required Tools

- T-9 Screwdriver
- Needle-Nose Pliers

Recommended

*An Additional Person for step 9



TOOLS:

- [8" Needle Nose Plier](#) (1)
 - [Spudger](#) (1)
 - [T9 Torx Screwdriver](#) (1)
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Step 1 — Printer Hood Assembly



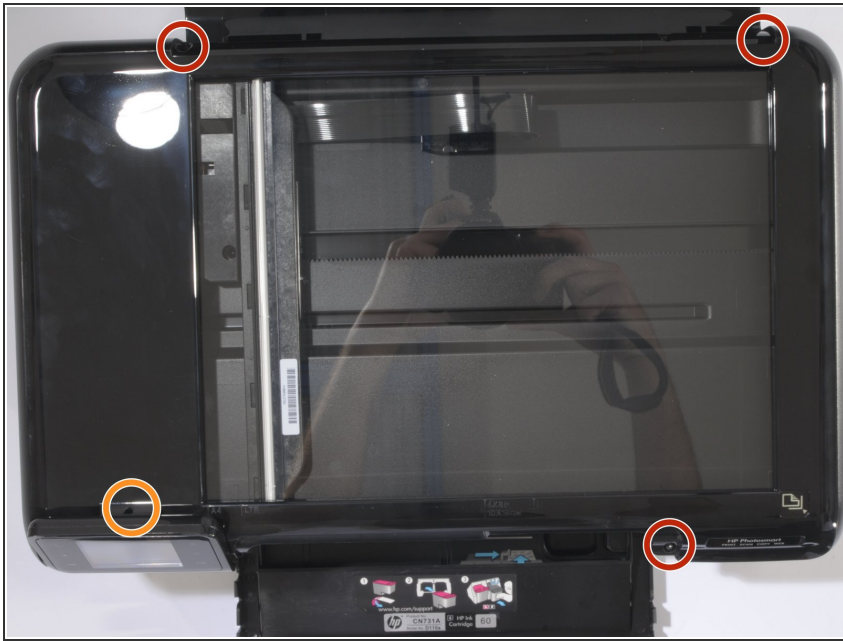
- First, begin by removing the printer's hood.
- Open the printer's mouth by simply pulling down on it; there are 2 mouth pieces that need to be pulled down.
- Adjust the flap covering the scanner upward, as shown.

Step 2



- Remove the flap for the scanner. The flap is attached with two clips that can be dislodged by pulling lightly away from the printer.

Step 3



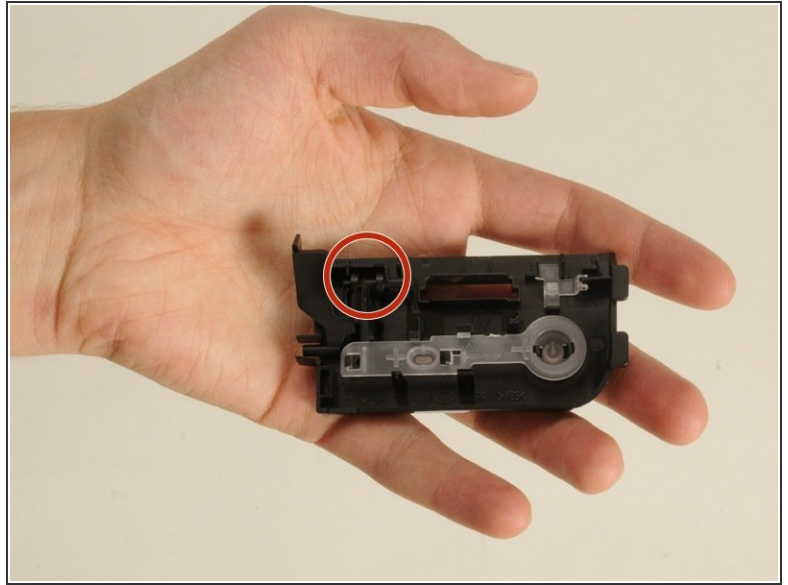
- Locate the three screws on top of the printer.
- The orange circle shows a fourth screw located behind the power panel. Directions to remove this screw are in a later step.

Step 4



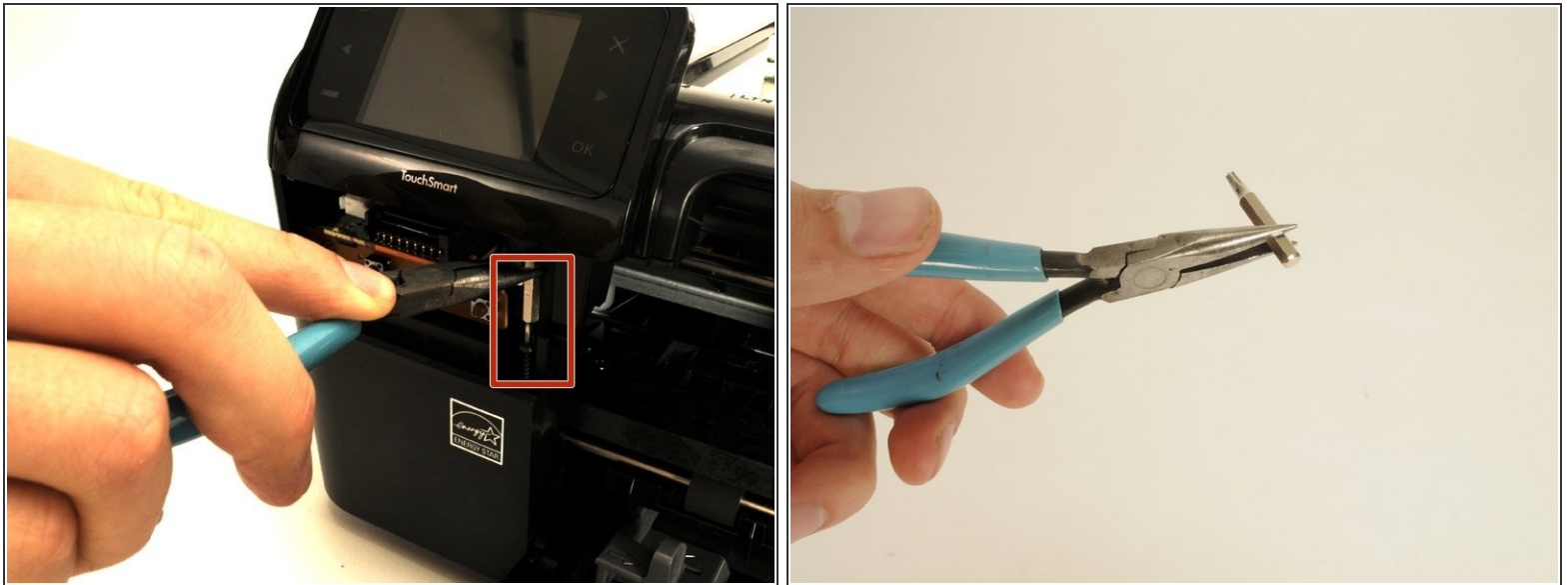
- Remove the three screws from the top of the printer with a T-9 screwdriver as shown.

Step 5



- To access and remove the fourth and final screw attaching the hood, the panel for the power button must be removed as follows:
- Reach into the mouth of the printer and press on the small clip behind the power button. This allows the panel of the power button to be removed.
- ⓘ A picture of the power button panel removed is provided to show the location of the clip that needs to be pressed.
- After pressing the clip, pull out the power button panel by pulling from right to left.

Step 6

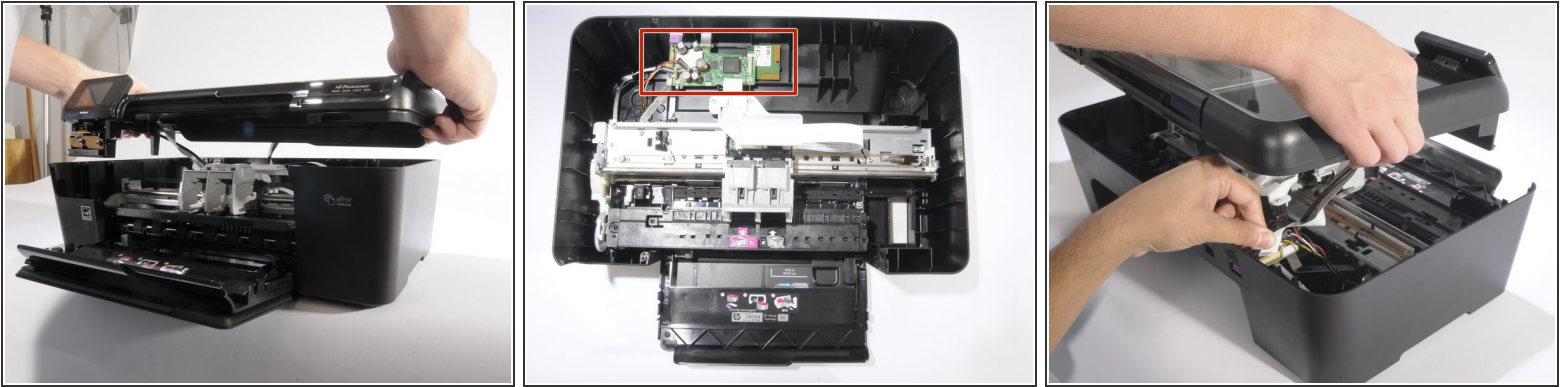


- Remove the exposed screw that was covered by the power button panel.

⚠ Do not try and torque the screw from an angle. This will ruin the screw's head, and make it even more difficult to remove the screw. Only remove it as already described.

i This screw is placed awkwardly. We found holding a T9 bit in a pair of needle nose pliers gave us enough leverage to pull it up.

Step 7



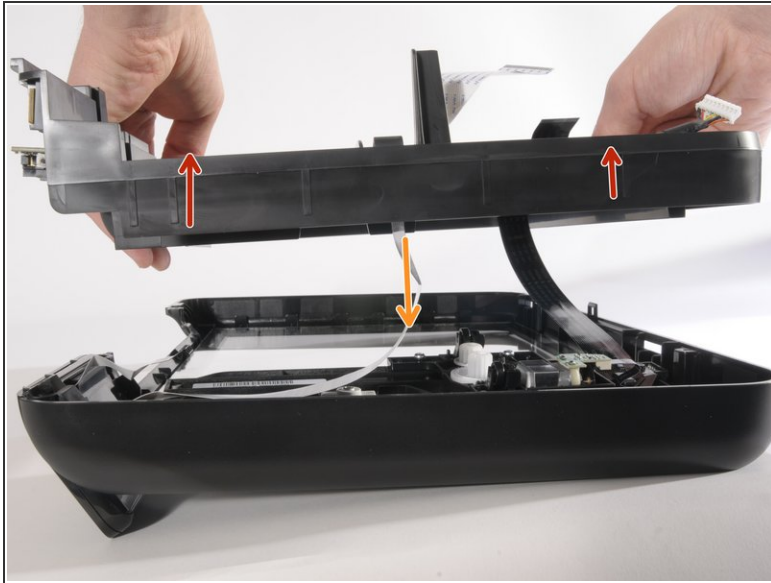
- This step is easier with two people. Carefully have one person lift the hood of the printer 2-3 inches above where it was resting.
- Remove the ribbon cables and wires attaching the motherboard (the only green PCB board) to the hood by gently pulling upward on them.
- When all three cables are removed, lift the hood away from the printer and set it aside.

Step 8 — Disassembling HP Photosmart D110a Printer Hood



- After being separated from the printer, the hood is ready to be disassembled.
- Remove the only screw on the printer hood's underside, as shown. Use a T-9 screwdriver.


Step 9




- With the screw removed, separate the two pieces of the hood by lifting it vertically.
- ⚠ **Only lift the the top piece enough so that there is no tension applied to the ribbon cables shown.**
- Carefully pull down the white ribbon cable through the top piece of the hood.

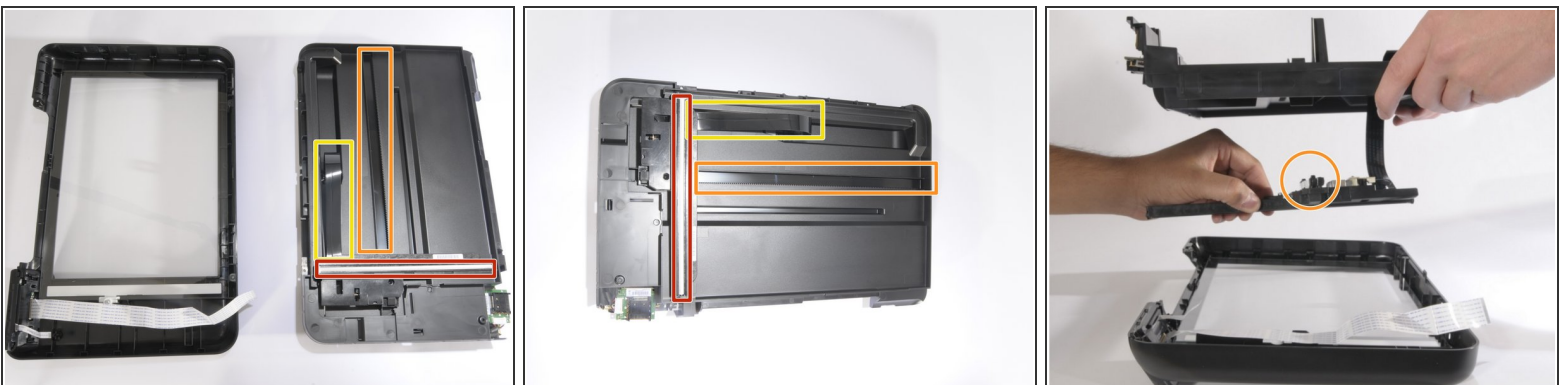
Step 10



 Carefully separate the two hood pieces connected by the black ribbon.

- Set the piece of the hood down such that no stress is applied to the scanner as it is attached by ribbon cable.
-  The printer hood should now be in 2 pieces.

Step 11 — How to realign HP Photosmart D110a scanner



- After having the hood removed and disassembled, locate the scanner.
- Adjust the scanner wheel such that fits into the path.
- If the black ribbon cable is twisted, untwist it so it appears as shown.

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