



Printhead Alignment

Explain the process of aligning the printhead

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Introduction

After replacing a printhead, a printhead crash, or print quality issues the printhead will often need to be realigned



TOOLS:

- [Nitrile Gloves](#) (1)
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Step 1 — Tools Needed



- Ten sheets of plain white 8.5 x 11 printer paper

Step 2 — Initiating Alignment



- On the touchpad tap maintenance > printheads > align
- Open the top cover
- Open the agent door and take the alignment plate from inside the door
- ⓘ Each printer has one alignment plate. The number on the plate should match the number on the door
- Put the alignment plate on the build platform and push it down as far as it will go. The HP logo on the plate should be facing up on the left of the build chamber

Step 3 — First Test Page



- Load one sheet of paper on top of the alignment plate, using the guides at the upper right corner for correct placement
- Close the top cover and tap **Print** on the touchpad
- Open the top cover and remove the test print
- Check the printed test page. Lines on the test pages should be straight and continuous. Check the [HP Knowledge Base](#) page 138 for an example

Step 4 — Scanning



- Load another sheet of paper on top of the alignment plate
- Close the top cover and tap **Print** to print the first alignment page
- Open the top cover and remove the alignment page
- Push the cover of scanner drawer B4 to release and open the drawer
- Open the scanner paper input and paper output trays to prepare the scanner for use

Step 5 — Scanning



- Load the first alignment page face-down on the scanner input tray
- ① When paper is detected an LED will turn on
- Tap **Scan** on the touchpad
- Repeat Step 4 and 5 seven more times
- When the last page has been scanned, remove all alignment pages and close the paper trays
- Push in the scanner drawer to close it

Step 6 — Final Test Print



- Load another sheet of paper onto the alignment plate
- Close the top cover and tap **Print**
- A second test page is printed to confirm printhead alignment. Lines on the test pages should be straight, continuous, and the same color
- Remove the alignment plate, and store it inside the agent door
- Close the agent door and close the top cover