

# Cleaning the Printheads

## Why?

The reason for cleaning the printheads is to remove any dust or grit the heads may pick up, which results in a poor print finish and potentially damaged printheads, which are expensive!

## The cleaning process:

### **IMPORTANT** Step 1:

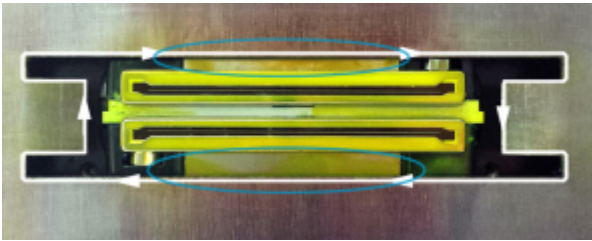
For personal safety, we recommend that the operator always wear nitrile gloves, a protective apron, and safety glasses with side shields when handling inks.

Step 2: Open the printhead tray under the nozzles.



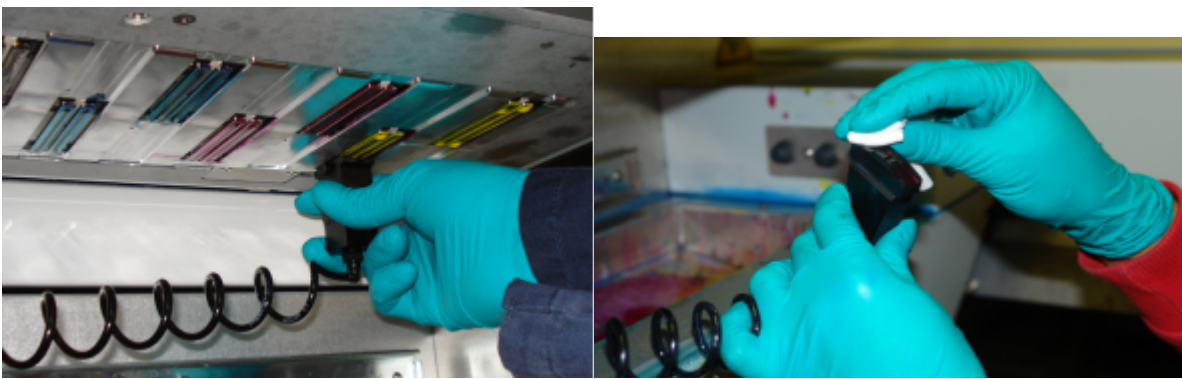
Step 4: Raise the print heads with button [2] in the middle to raise the carriage.

Step 5: Clean the edge of the excess ink tray with a fibreless cloth and use a dry swab to pick up any excess ink from around the edge of the printhead opening in the pan (see the white line with arrows in the image below). Take special care to remove any excess ink, flush or alcohol on the metal plate between the pan and the printhead (see the area covered by the two ellipses in the picture below). A single swab can be used for each colour channel or use it until the swab becomes saturated with ink.



Step 6: Press the third button away from you on the right-hand side to activate the vacuum. Use the head vacuum found on the left-hand side [make sure it's connected correctly] and clean it with the white fibreless cloth before use.

Step 7: Gently slide the vacuum along the print heads from left to right, making sure you get the slots of the vacuum piece into the printhead grooves. [you can leave the white heads to last]. Once you get the right connection you will hear the suction from the vacuum. In between each head clean, wipe the vacuum cleaner with the white fibreless cloth.



Step 8: Once all print heads are clean, you can turn off the vacuum and lower the print heads after use, then close the ink drip tray.

Step 8: Remove your latex gloves using the correct removal procedure.

Step 9: Assuming you have loaded basic paper on the roll. Go to the workstation to begin a print test. Press the button to turn on print to roll. Select the print test and begin print.

Step 10: Wait for the heads to heat up and it will then begin the test print.

Step 11: Checking the lines of the test print are correct there. Any missing lines could happen because of the heads not being cleaned properly or have always been missing, check previous test prints to check any patterns.

Before Cleaning



After Cleaning



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