



**ICS**

INTERNATIONAL CUSTOMER SUPPORT

**Technical Note**

Products: Kornit 931

T N: 60-PHCL-0020

Subsystem: Ink System V2

Date: 17-Apr-07

Classification: None

Type: Informative

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REV 1

Update: Cofler Adrian

Subject: **WB Ink Print Heads Shipping Procedure**

## 1. Purpose

This Technical Note describes the procedure of water based ink print heads treatment before shipping back to Kornit.

## 2. Print Heads Flushing Procedure.

1. Disconnect the ink bottle.
2. Purge 3x60dsec of **"Ink"** through the manual purge valve.
3. Purge few times 60dsec of **"Ink"** through the nozzles till air coming out.
4. Connect 150cc bottle of **"Flushing Fluid 7205/5"** for **CMYK** or **"Flushing Fluid 7205/4"** for **White**.
5. Refill the secondary ink tank, and then purge few times 40dsec through the manual purge valve till bottle is empty.
6. Refill the bottle and the secondary ink tank, and then purge few times 40dsec through the nozzles till bottle is almost finished.
7. Disconnect the 150cc bottle, wait for 5 min with the chemical inside the head, and then purge few times 40dsec through the nozzles till air coming out.
8. Connect 150cc bottle of **"Flushing Fluid 7205/2"** for **CMYK** and **White**.
9. Refill the secondary ink tank, and then purge few times 30dsec through the manual purge valve till bottle is almost empty.
10. Disconnect the 150cc bottle, wait for 5 min with the chemical inside the head, and then purge few times 30dsec through the manual purge valve till air coming out.

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11. Refill the bottle and the secondary ink tank, and then purge few times 30dsec through the manual purge valve till bottle is empty.
12. Perform the previous line again.
13. Refill the bottle and the secondary ink tank, and then purge few times 30dsec through the nozzles till bottle is almost empty.
14. Disconnect the 150cc bottle, wait for 5 min with the chemical inside the head, and then purge few times 30dsec through the nozzles till air coming out.
15. Refill the bottle and the secondary ink tank, and then purge few times 30dsec through the nozzles till bottle is empty.
16. For **White** print head continue purging 30dsec half battle through the manual purge valve and half battle through the nozzles till clean chemical is coming out.
17. Refill the bottle and the secondary ink tank, and then purge 2x200dsec through the nozzles for verifying if the "curtain" is acceptable.
18. If "curtain" is unacceptable continue flushing till no improvement is observed, if acceptable continue.
19. Connect 150cc bottle of "**Preservation Fluid 7205/6**" for **CMYK** and **White**.
20. Refill the secondary ink tank, and then purge 6x50dsec through the manual purge and the rest trough the nozzles till bottle and secondary ink tank are empty, but the head still full.
21. Disassemble the print head.
22. Cover the print head orifice plate with a lint free wiper, wrap it using rubber band.
23. Close the two open tubes with silicon caps.
24. Place the print head in the original PH plastic bag (that you have received with the replacement PH).
25. Fill the form **Appendix A - Repair Tag Form**.
26. Send to Kornit Digital Ltd, and inform [support@kornit.co.il](mailto:support@kornit.co.il) by e-mail about the shipment's details.

## Appendix A – Repair Tag Form

### REPAIR TAG

\*Date: \_\_\_\_\_ \*Machine S.N. : \_\_\_\_\_  
 \*Distributor: \_\_\_\_\_ \*RMA NO: \_\_\_\_\_  
 \*Customer \_\_\_\_\_ \*Engineer Name: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

Replaced Part Properties:

*Part Number	
Serial Number	
PROBLEM DESCRIPTION	

Ship all parts to:  
**Kornit Digital Ltd**  
 5 David Navon St.  
 POB – 8406  
 Moshav Magshimim 56910  
 Israel  
 Hot line: +972-54-3116222  
[Support@kornit.co.il](mailto:Support@kornit.co.il)

**\* NOTE: WHEN REPLACING A PRINT HEAD, DEFECTIVE HEAD NOZZLE TEST PATTERN MUST BE ATTACHED TO THE REPAIR TAG. (Head must be flushed before shipping).**