



ICS

INTERNATIONAL CUSTOMER SUPPORT

Technical Note

Products: Kornit 932	T N: 60-PHCL-0230	
Subsystem: Ink System	Date: 7-May-07	Classification: None
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	Update:	
Subject: Used Print Heads Cleaning Procedure for 932 Machines		

TECHNICAL NOTE

1. Purpose

This Technical Note describes the procedure of print heads treatment in case of missing nozzles for Kornit 932 machines.

2. Print Heads Flushing Procedure.

1. Increase the purge pressure to 0.4bar.
2. Disconnect the ink bottle.
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. Start refilling the ink tank and in the same time purge few times 40dsec through the nozzles till air coming out, precede this method till half of bottle is empty.
6. Purge few times 40dsec through the nozzles till bottle is empty.
7. For **White** print head perform section 5-6 again.
8. Refill the bottle and purge few times 40dsec through the nozzles till half of bottle is empty.
9. Wait for 10 min with the chemical inside the head, perform spit mode for 5 min and then purge few times 40dsec through the nozzles till bottle is empty.
10. Connect 150cc bottle of **"Flushing Fluid 7205/2"** for **CMYK** or **White**.
11. Start refilling the ink tank and in the same time purge few times 40dsec through the nozzles till air coming out, precede this method till half of bottle is empty.
12. Purge few times 40dsec through the nozzles till bottle is empty.
13. For **White** print head perform section 10-12 again.

14. Refill the bottle and then purge few times 20dsec through the nozzles for verifying if the "curtain" is acceptable.
15. If "curtain" is unacceptable continue flushing till no improvement is observed, if acceptable continue.
16. Disconnect the bottle, disconnect the cap from the battle and connect only the cap.
17. Purge few time 60dsec of "**Air**" through the nozzles for 5 minutes, before every purge pump only 10sec air trough the pump.
18. Connect 150cc bottle of "**Ink**" for **CMYK** or **White**.
19. Start refilling the ink tank and in the same time purge few times 40dsec through the nozzles till air coming out, precede this method till half of bottle is empty.
20. Purge few times 40dsec through the nozzles till bottle is empty.
21. Change bottle.
22. Use "Spit" mode for 5 minutes.
23. Purge 5x8dsec trough the nozzles.
24. Clean the print heads with lint free towels and perform nozzle test.
25. Inspect the nozzles condition, if all nozzles appear continue if not perform paragraph 22-24 again till nozzle condition improves.
26. Decrease the purge pressure to 0.3bar.