

Procedures for flushing the ProSeries 384 and ProSeries 768 Print Heads

Items needed:

Ink collection container
ScanTrue® II Flush solution 500ml, P/N 001-0899-01
External Prime bulb or Purge bulb, P/N S30002-001
FoxJet controller and cabling
Safety glasses or face shield and Gloves

Use these procedures to re-ink a head that has been flushed. Use ScanTrue ink in place of the ScanTrue Flush solution

Warning

- **Always use proper safety equipment**
- **Never use the purge bulb with a bottle attached to the reservoir because it will pressurize the bottle and the contents will flow out uncontrollably.**

Note: Never use, or continue to use, a purge bulb on a reservoir with a low ink condition, because it may force air into the ink lines. If air is allowed to enter the ink lines it could cause printing issues and require extra servicing.

Before proceeding, familiarize yourself with Using the Purge Bulb at the bottom of the instructions.

Step 1: Prepare print head for flushing or re-inking

- Connect print head to controller and allow it to come up to temperature.
- Remove orifice cover plate and long term storage gasket, if one is attached.
- Remove bottle from reservoir
- Install ship-cap on to reservoir
- Remove vent cap filter and make sure that the vent cap is open
- Place ink collection container under nose of the print head.

Step 2: Using the purge bulb, purge the head for 5 to 8 seconds. After purging, wait 5 seconds before going on.

Note: If there is a Low Ink error go to step 4.

Step 3: Using the purge bulb, purge the head for 5 to 8 seconds. After purging, wait 5 seconds before going on.

Step 4: Remove ship-cap and attach bottle to reservoir for, about 5 seconds, enough time to fill reservoir, then put ship-cap back on.

Step 5: Repeat Step 2, Step 3 and Step 4 three more times (for a total of 4 times)

Step 6: Press and hold the APS button down for 5 seconds.

Note: If there is a Low Ink error repeat Step 4. If the error did not go way, empty the APS waste bottle.

Step 7: Repeat Step 6 three more times (for a total of 4 times)

Step 8: If the fluid coming out of the face of the print head is mostly clear, go to Step 9. If the fluid is mostly dark/black ink, repeat Step 2 through Step 6 until the fluid is mostly clear.

Step 9: Remove ship-cap and attach the bottle to reservoir until it is full, then put ship-cap back on.

Step 10: Attach orifice cover plate and long term storage gasket

Step 11: Close vent cap.

This completes the process.



Using the Purge Bulb

Warning: Always wear eye protection when purging

Warning: Never purge the print head with a bottle attached to the reservoir or with a low ink condition.

- Remove bottle from reservoir and install ship cap
- Place a container or lint free material in front of the head to collect the ink that will come out of the face plate during the purging process
- Place purge bulb onto vent cap
- Place thumb onto top of purge bulb
- Gently apply pressure with the thumb for 3 seconds to 5 seconds.
- While applying pressure with the thumb lift purge bulb from vent cap



Figure 1. Place purge bulb on to vent cap



Figure 2. Place thumb on top of purge bulb



Figure 3. Gently apply pressure to the thumb



Figure 4. While applying pressure remove bulb