

**The following describes purging your printer short term no more than 3 weeks.**

**CAUTION:** Solution spilled inside the printer head will damage the printer head and main logic board. Do not power the printer on until it is completely dried. Resulting damages are not covered under warranty.

**DANGER:** All power must be disconnected prior to performing any service or repairs or installation. This also includes the USB cord to the PC.

**DANGER:** When performing service or maintenance with the equipment, ensure that protective glasses and/or gloves are used. In case of eye contact flush eyes for 15 minutes with water or seek immediate medical attention.

### TOOLS AND MATERIALS:

- Protective goggles
- Latex gloves
- LogoJET flush solution or isopropyl alcohol 70% to 99%
- Clean syringe with silicone tip connector
- Paper towels

### Procedure 1 - Preparing

- ☐ Ensure you are wearing all protective items.
- ☐ Before storing print a nozzle check pattern so you have a reference of current status of print head.
- ☐ Lower the printer bed to make room for the flush tub or paper towel stack.
- ☐ Lower the ink tray basket and loosen the lids in preparation to push the ink back from the dampers.
- ☐ Unlock the printer head automatically or manually, then power printer off.
- ☐ Move the printer head to the left position and place a paper towel or container under it. (container is preferred)
- ☐ Turn off all power to printer and disconnect USB/power cord.



### Procedure 2 - Purging printer head of clogs

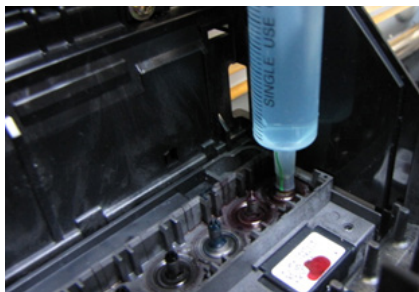
- ☐ Remove each damper from carriage post. Use empty syringe and insert air through bottom of damper in order to push back all ink in the dampers and lines back into the bottle.
- ☐ You will need to insert air into each damper 5-10 times until the lines are 90% clear. Repeat until all 8 colors are complete and close ink bottle lids tightly.



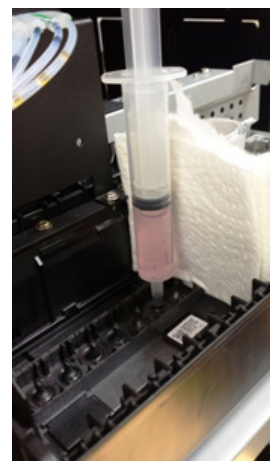
- ☐ Place a paper towel on the right side of the carriage, where the main logic cable connects to the print head. The purpose of the paper towel is to help avoid spilling solution onto the connector and shorting the printer components.

- ☐ Proceed to flush the ink from the print head by placing half a syringe of flush or isopropyl alcohol onto a print head post.

- ☐ Slowly push the solution through the nozzles. Observe the flow of solution from the bottom of the print head; it should flow in an even “curtain” of fluid. If the print head has ink clogs, you can let the syringe sit on the print head for a few minutes 10 max, to attempt to clear the clog.



- ☐ Once all the ink is flushed from the head, you must then clear the solution from the nozzles by flushing with air. Fill the syringe with air, place on the post and push the air through the nozzles.

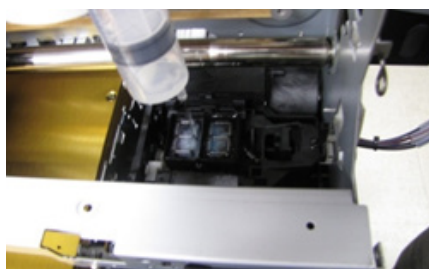


**NOTE: If any solution is spilled inside of the carriage, it must be completely cleaned before the USB and/or power cord are plugged in. If the solution is spilled near the print head connector, the print head should be uninstalled, connectors removed, and all components wiped clean with a lint free pad. Failure to follow these instructions could result in the shorting of the print head, main logic cable and main logic board. These components will need to be replaced and will not be covered under warranty.**

- ☐ Wipe the bottom of the printer head with a lint free pad and isopropyl alcohol to complete.

### Procedure 3 - Flushing capping station and tubes

- ☐ Fill two full syringes of isopropyl alcohol.
- ☐ The ink will first pool at top of sponge area. Wait for it to drain naturally down the tubes and into the waste bottle or take a syringe to the bottom of tube where waste bottle is and draw on the syringe one time. The remainder of cleaning solution should then automatically continue to drain. If not you can spin the gear with a screw driver to release the lock.



- ☐ The capping station pad will not be completely white.
- ☐ Once Capping station and lines are clean, manually return printer head to the right side of the printer over the capping station
- ☐ Manually spin the gear with screw driver on right side to lock, or spin gears under capping station to lock. **DO NOT POWER ON PRINTER.** Check if it is locked by attempting to move the printer head off the capping station.

- ☐ Discard waste ink from bottle.