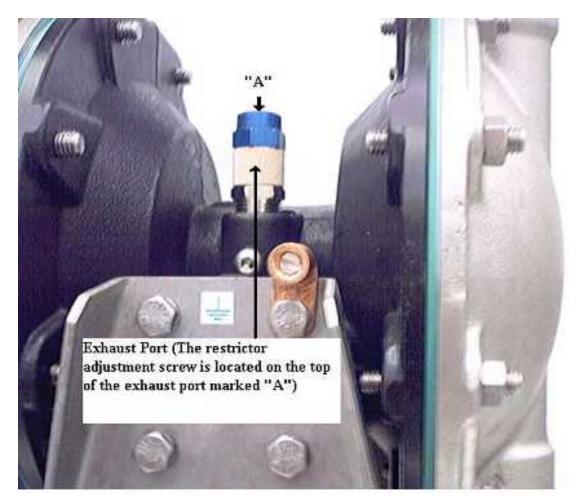
<u>Technical Bulletin #9 How to set up a Pump</u> <u>Dispenser</u>

This procedure should be done for each Ink type as they may vary in viscosity

- 1. First make sure the pump valve is in re-circulation mode
- 2. Locate the restrictor (located on the top of the pump as diagram shows, some pumps may be fitted with an exhaust) The restrictor is normally blue or black in color



- 3. In the center of the restrictor will be either an Allen Key bolt or a slotted screw. Unscrew fully (upwards) to de-restrict the pump
- 4. By now adjusting the regulator air pressure, the pump should now start to pump the Ink in re-circulation mode.

Try to achieve the following: Approximately every halfsecond it pumps, and then every second the pump returns.

5. Now by turning the Allen Key bolt or a slotted screw clockwise in the center of the restrictor downwards (inwards), will now begin to restrict the pump

Try to achieve the following: Approximately every second it pumps, and then every second the pump returns.

- 6. The pump should now continue to operate in a controlled manner. To dispense Ink, turn the pump valve to dispense
- 7. When not dispensing, the re-circulation should be used to reduce the viscosity of the ink, and encourage ink flow.