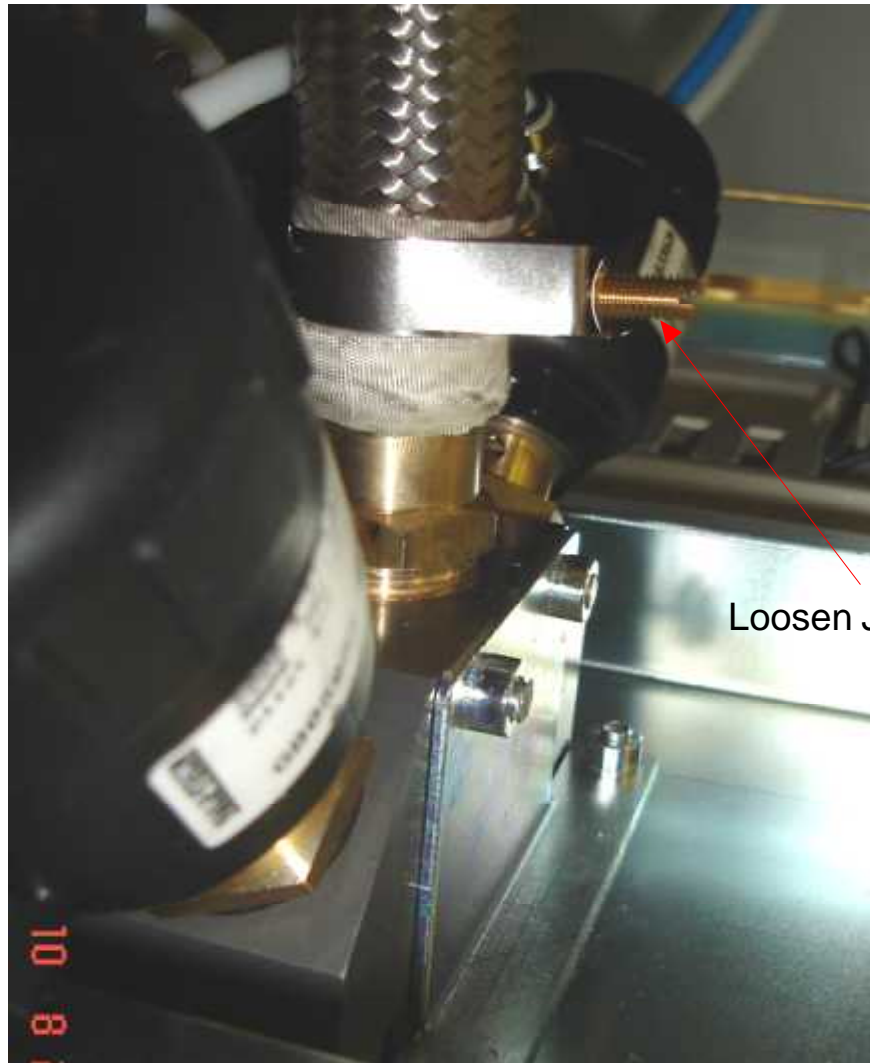


Technical Bulletin #23 Changing a Dispense Valve on a Mkiii HP1016/18

Power down the Dispenser and vent all the pots.

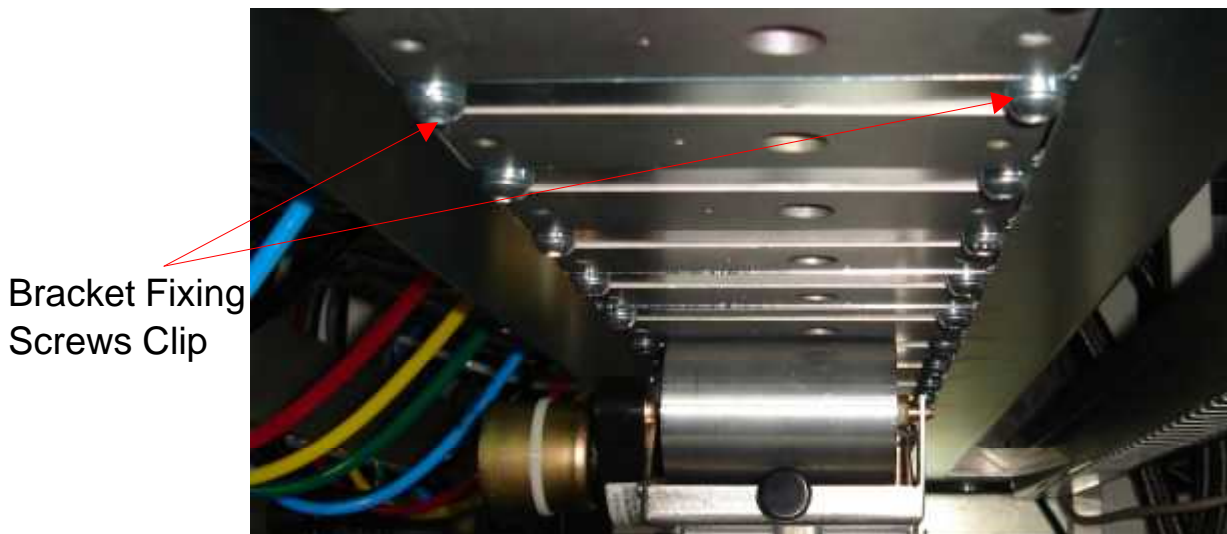
Locate the faulty Dispense Valve and loosen the Jubilee Clip (shown below):



Make a note of the Valve body orientation (usually Fine on the left, Coarse on the right) and the colour coding of the air pipe into the actuators, (which colours go into the top of the actuator and which colours go into the bottom).

Remove the air pipe by pushing the collar on the air fitting in and then pulling the pipe out.

Remove the Bracket fixing screws from the underside of the Valve Support Plate located in front of the valve to be removed (shown below):



Lift the Valve body clear of the support plate, brace the body and unscrew the brass fitting from the body. Be prepared to temporarily seal the end of the fitting to prevent ink loss. If the ink is fairly stiff this may not be necessary if the new valve is being fitted within 1 or 2 minutes.

Remove the Bracket and fit to the replacement dispense valve, note which side the bracket is fitted with relation to the Coarse and Fine feed holes.

Clean the threads of the brass fitting and apply sufficient PTFE tape (supplied) to the threads to provide a good seal.

Refit the brass fitting to the new Dispense Valve ensuring it is tight enough to provide a good seal.

Locate the Valve assembly on the Valve Plate and secure using the Bracket Fixing Screws.

Tighten the Jubilee Clip and re-attach the air pipes into their original positions.

Power up the dispenser, reset in InkManager and pressurise the pot. Check for leaks around the brass fitting. If ok, pressurise the other pots and perform a test dispense.

Periodically inspect the new dispense valve for leaks several times a day for several days after re-fitting. If any leaks are found, tighten fittings etc as required.