:Anapurna M Series
Shut Down and Start Up Procedure

This document is valid for:
- ▸ Anapurna M all version
- ▸ Anapurna M4F all version
- ▸ Anapurna Mv all version
- ▸ Anapurna M² all version

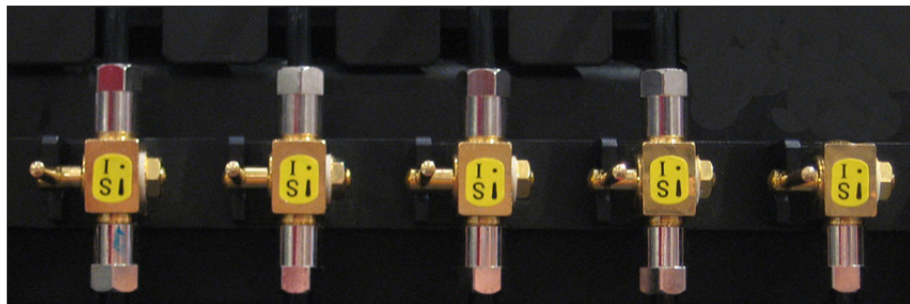This document replace the cleaning procedure on the Operator Manual.

AGFA *Agfa*

I. Normal Shut Down procedure.

In normal situation compressor has to stay On 24 hrs/7 days.
- ▸ Ink levers on "I".
- ▸ Solution levers on"I".

- ▸ Engine can be now switched off. Push the Red Emergency Button. Turn the Power Switch 'OFF' (from rear side of the Anapurna).


II. Long stand still.

If not possible to keep Compressor On or if the engine will be not used for more than two weeks:
- ▸ Drain Solution Bar with cleaning solution (For M4F Ver.2 or higher, Mv Ver.2 or higher and M² all version ONLY).
 - ▹ Remove the Front Panel (5 screws).
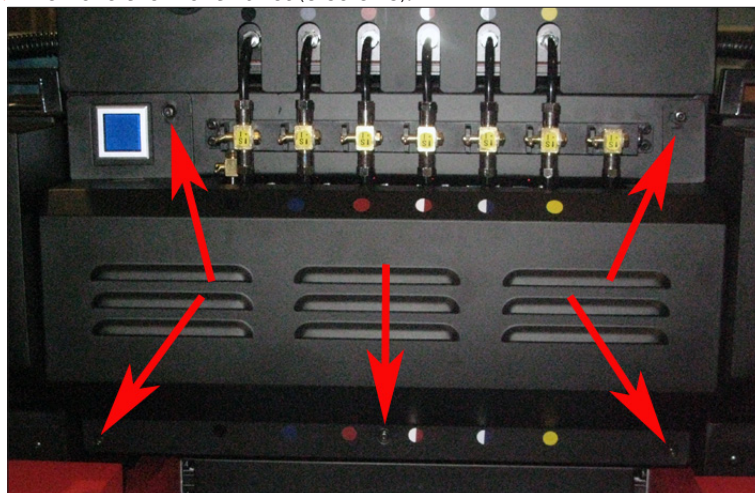
- ▸▸ Remove the black cover from the mini-valve (1) and place it under it an empty bottle (2).
- ▸▸ Open the mini valve and press the Solution Botton until clear clean solution will come out from the mini-valve.
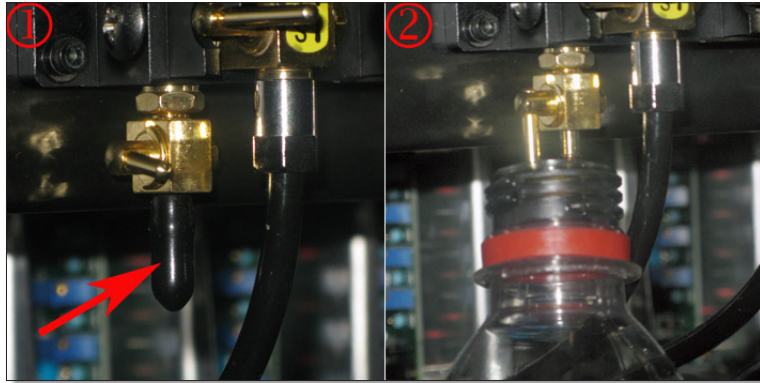

- ▸▸ Close the mini-valve, remove the bottle and restore all the parts.
- ▸ Print head must be flushed with Solution.

  NOTE: never use solvent or detergent (e.g. Acetone, Isopropyl, etc.)

 - ▸▸ First clean Black head by moving the Black 2-way Ink Valve and Solution Valve on "S"
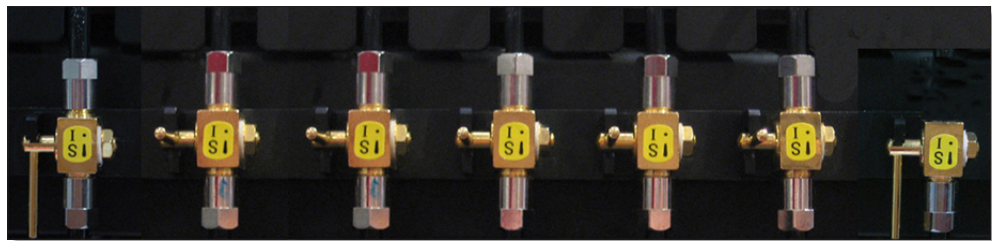
  - ▸▸ Pushing the Solution Valve Switch flush cleaning solution through the Black head. Than repeat this procedure color by color. Before pushing the Solution Valve Switch again check on the control panel the status of Solution (S=sub solution tank full, s=sub solution tank empty)

   NOTE: Flushing with sub tank empty you will push air in the circuit.
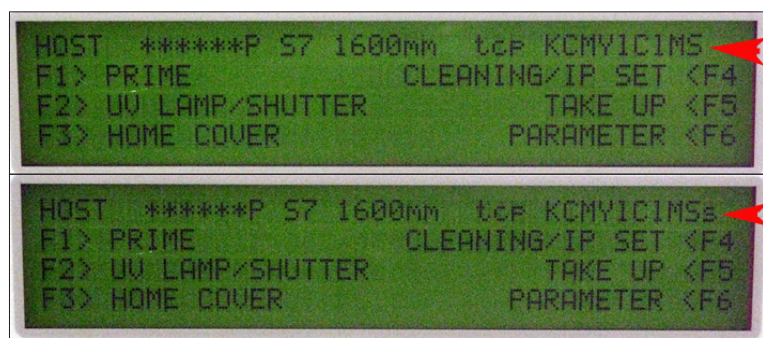
  - ▸▸ Once all the heads have been cleaned flush again cleaning solution to all the heads together until you can see only Cleaning Solution coming out from the heads.
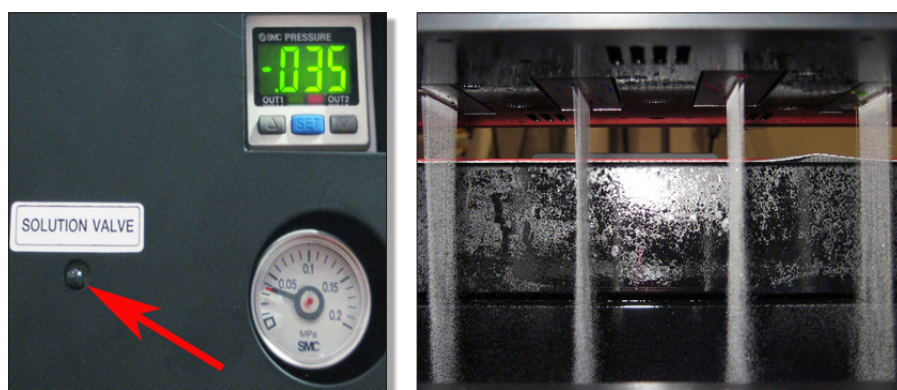
NOTE: Solution Valve on M Ver.1/Ver.2, M4F Ver.1, Mv Ver.1 is on the back side of the shuttle.

▸ Switch the 2-way ink valves for Solution back to 'I' position.
▸ Clean the residue of the cleaning solution on the print heads (just a gentle wipe) and clean the base plate.
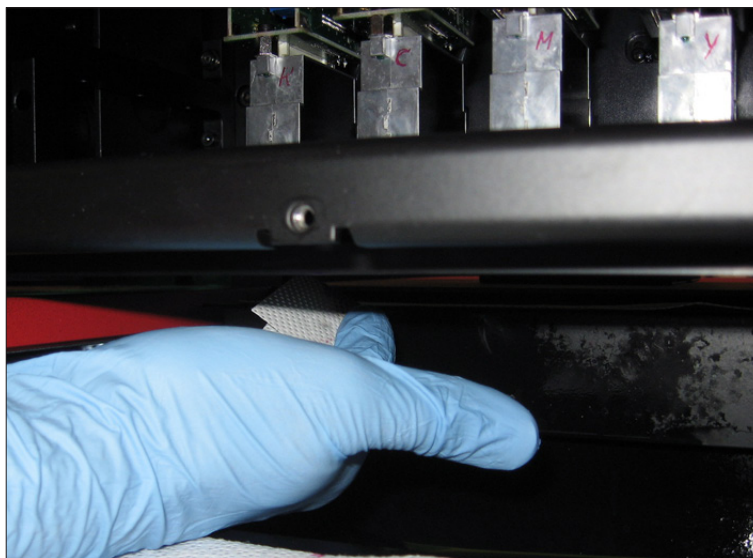
▸ Turn the Vacuum Gauge to zero.

▸ Repeat this procedure after 2 hrs.
▸ Repeat this procedure after 12 hrs.

‣ Move the shuttle to Capping Station:
  NOTE: Clean first all the cups of the capping station with a clean white cloth
  and be sure it will be free and dry from dust and particles.
  » Open the cover of the capping station moving the Capping Cover Switch to
     "OPEN".

  » On the control panel press "ESC" to go Off-Line and than press "Capping
     Station" to move the shuttle to the capping station.

‣ Push the Red Emergency Button.
‣ Turn the Power Switch 'OFF' (from rear side of the Anapurna).

This procedure should be followed to avoid one of those issues:

‣ Ink contamination inside the 2-way valve and Solution Bar. This can cause bad color result on the media (poluted colors).

III. At Restart (start of the working week):

‣ Power Switch to 'ON' position.
‣ Turn out the Emergency Button & power-on the engine (pressing START).
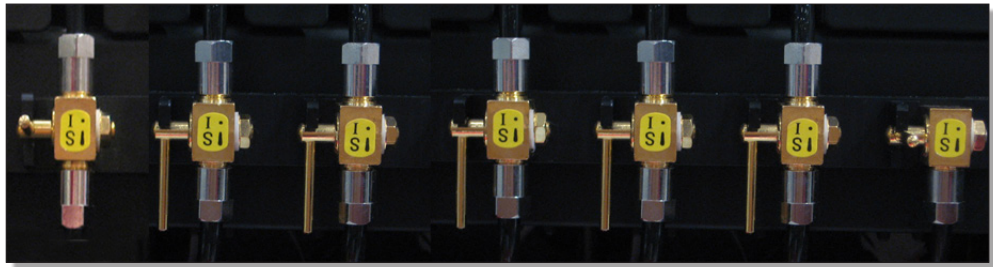‣ Wait till the head base temperature reaches 45° C.
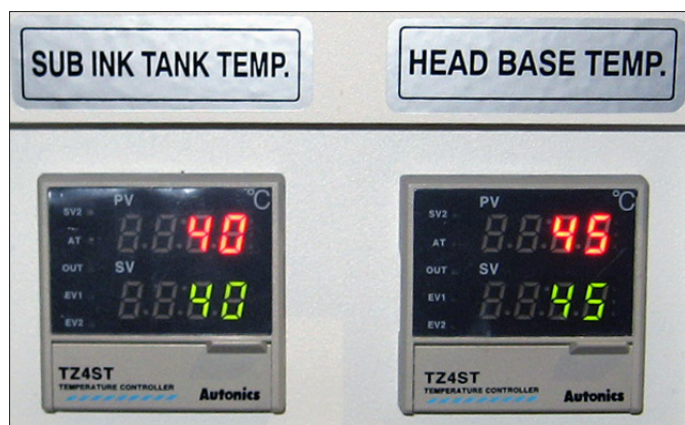
‣ Open the Home Cover.

‣ Turn the Vacuum gauge to restore the negative vacuum to approx -.035.


‣ With all the 2-way valves on "S" flush all the heads with Cleaning Solution.

▸ Switch Black 2-way ink valves to 'I' position, all the other colors 2-way valve on "S", solution valve to 'I'.

▸ Perform a Purge of the Black head (with intervals of 2 seconds ON and 4 seconds OFF) till ink is coming out of the print heads. Do not purge when Sub Ink Tank is empty. After that purge all the other heads color by color.
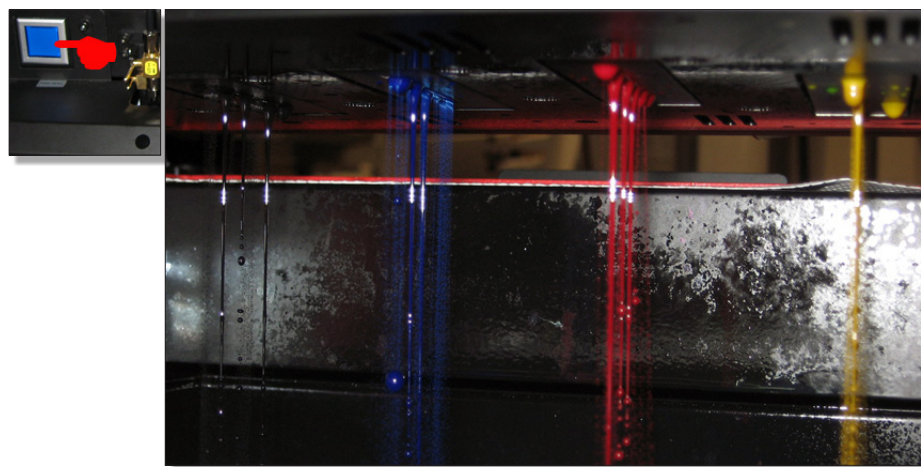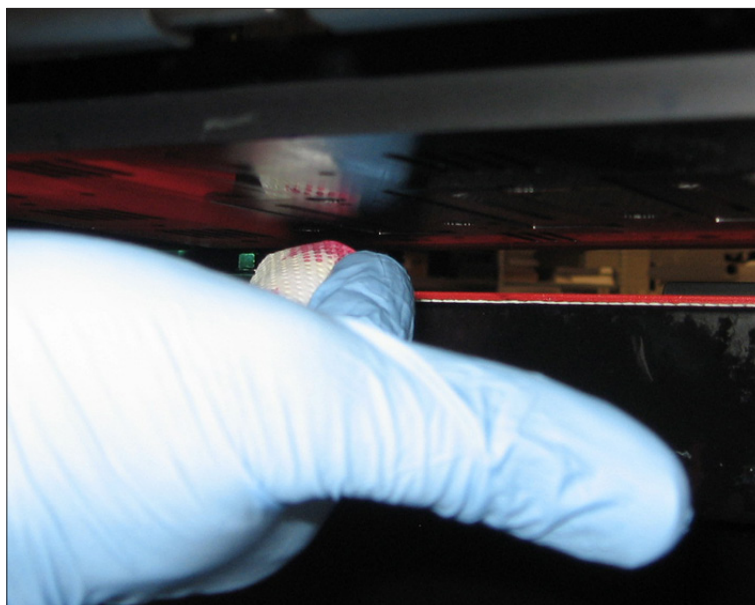

▸ Turn the Vacuum Gauge to zero and leave the ink dripping for about 3 minutes:
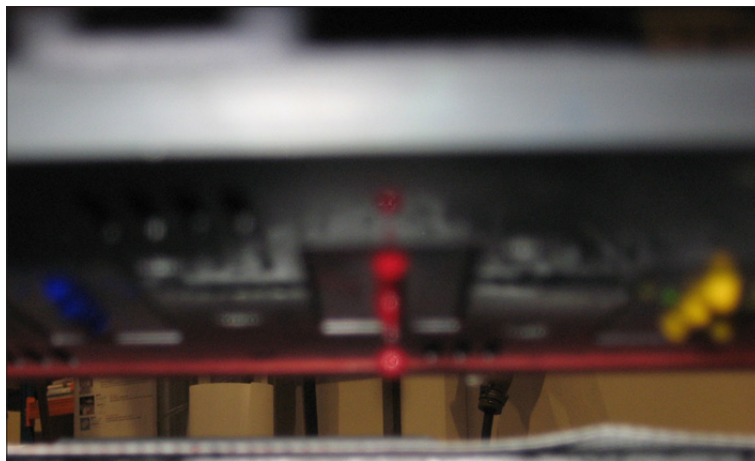
▶ Restore the Vacuum Gauge settings.
▶ Perform another ink purge.
▶ Take a new lint free cloth and clean the ink residue from the print heads (using gloves just a gentle tap, no wiping).

▶ Perform a PRIME to check the print heads.
NOTE: do a SET GAP procedure first.