

ValueJet 1628TD - ValueJet 2628TD

Ink path cleaning procedure

1 Introduction

Recently the boot-up procedure for the VJ-1628TD & VJ2628TD has been optimized.
A new cleaning liquid is introduced, which vastly reduces the amount of cleaning liquid required.

2 Contents of the package

- 8x open cassettes (order 8x KY-08701)
- 1500ml "Cleaning Liquid CR02"
- MSDS sheet cleaning liquid CR02
- Ink path cleaning procedure (This document)

Caution

- When loading Mutoh water-based "disperse-dye-sublimation" inks or "direct-disperse" inks into a VJ-1628TD / VJ-2628TD, please do not use standard water-based cleaning. The correct cleaning to use is the cleaning liquid CR02.
- Before operation, make sure to read the Material Safety Data Sheet (MSDS).
- Please wear gloves and safety goggles when handling liquids, make sure that the liquids do not come into contact with your eyes or skin. If ink or cleaning gets into contact, immediately wash it off with water and soap. Failing to do so might cause irritation or light inflammation of eyes. In case of any abnormality, consult a physician immediately.
- During ink filling, please:
 - Do not power OFF the printer.
 - Do not unplug the power cord set.
 - Do not open the front cover.
 - Do not open the maintenance cover.
 - Do not raise the media loading lever.

Note

- Be sure to use the dedicated cleaning fluid. In this case "cleaning liquid CR02"
- When the ink or cleaning is moved from a cold place to a warm place, leave it for 3 hours or more in the new printing environment before printing.

3 Procedure

Caution

- Before starting this procedure, verify the latest firmware is installed. If the latest firmware is not installed, please install it before continuing this procedure.

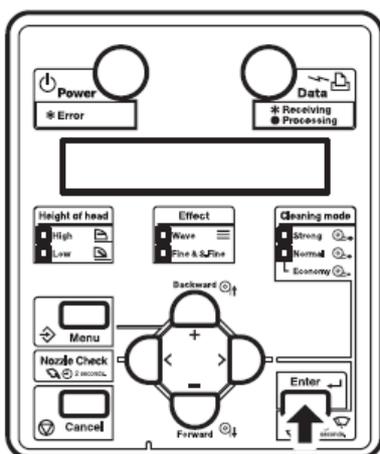
Step 1: Power ON the printer

- The printer starts initializing
- After the initial operation is complete, “Select inkset * (refer to the table below) is displayed

Step 2: Press the [+] key or [-] key to select an ink set that matches the color setting mode to be used.

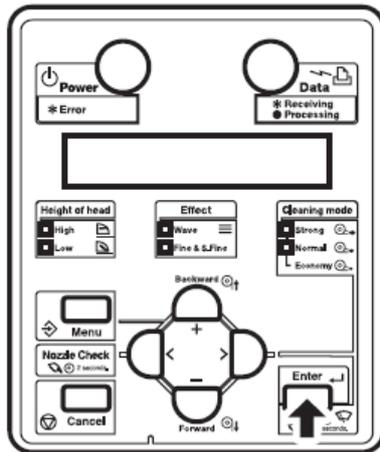
Setting	Description
8 color	Eight colours (C,M,Y,K special color1, special color 2, special color 3, special color 4)
6 color	Six colours (C,M,Y,K, Special color1, Special color2)
4color Head 1	Different types of ink, four colours (C-A, M-A, Y-A, K-A): Insert two types of ink sets that have different characteristics, each having four colours of inks (C-A, M-A, Y-A, K-A and C-B, M-B, Y-B, K-B) into ink cassette slots, and perform printing with the 1 ink set (C-A, M-A, Y-A, K-A)
4 color head 2	Different types of ink, four colours (C-A, M-A, Y-A, K-A): Insert two types of ink sets that have different characteristics, each having four colours of inks (C-A, M-A, Y-A, K-A and C-B, M-B, Y-B, K-B) into ink cassette slots, and perform printing with the 2nd ink set (C-B, M-B, Y-B, K-B)
4 color double	Same types of ink, four colours (C-A, M-A, Y-A, K-A) Insert the two sets of the same types of four ink color C-A, M-A, Y-A, K-A) into the ink cassette slot, and perform printing.

Step 3: Press the [ENTER] key



- “Perform Washing? Yes” is displayed

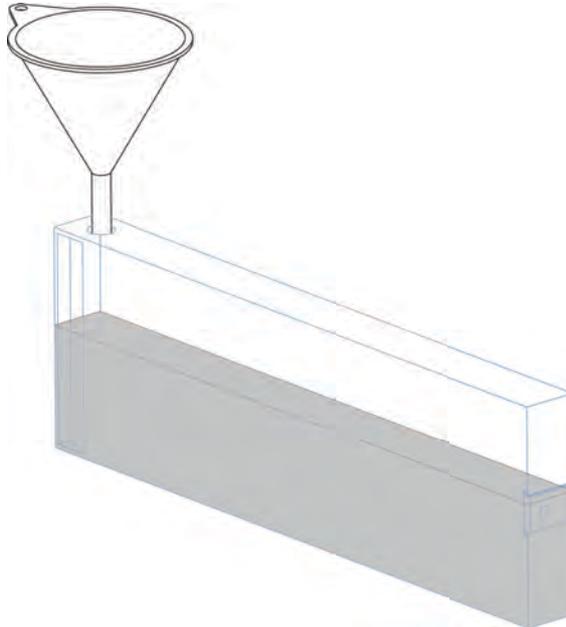
Step 4: Press the [ENTER] key.



- “Insert cleaning cart” is displayed

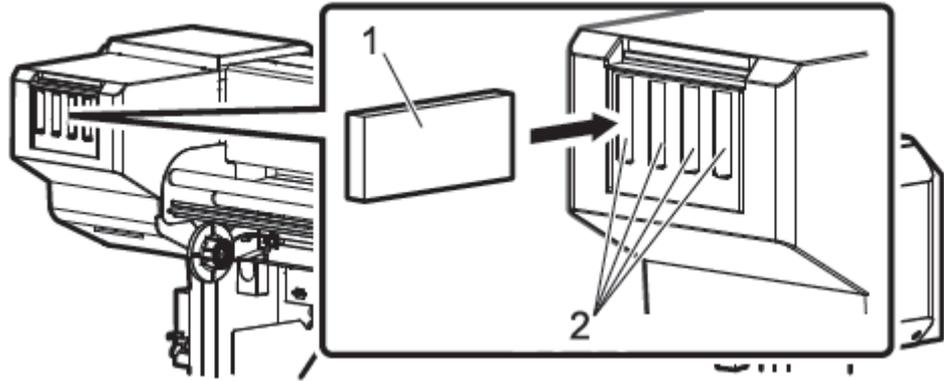
Step 5: Insert the open cassettes into the ink cassette slots, **but don't push them all the way.**

- Divide the “Cleaning Liquid CR02”. equally over the open cassettes.



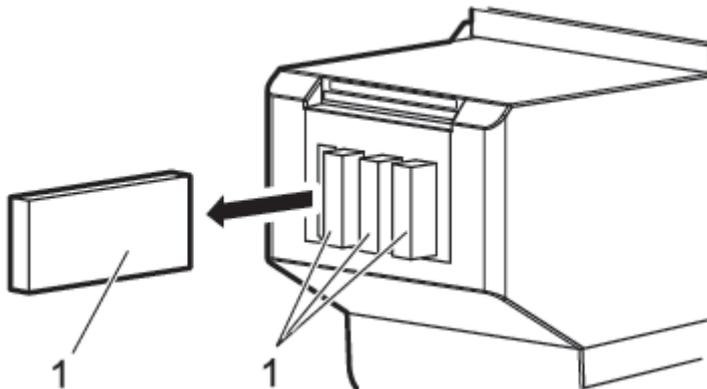
Step 6: Insert the cleaning cassettes all the way to the end of the slot.

- Once all cleaning cassettes are installed, "Busy-Washing" is displayed, and the printer will start charging the cleaning liquid.
- After charging the cleaning liquid, "Remove cassettes" is displayed.



N°	Description
1	Cleaning cassette
2	Ink cassette slots

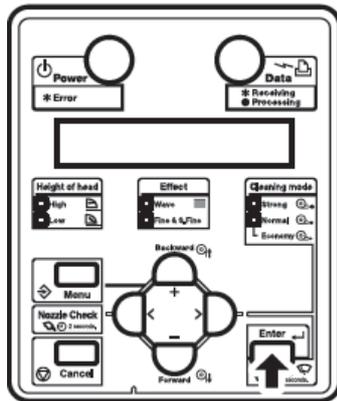
Step 7: Remove the cleaning cassettes.



N°	Description
1	Cleaning cassette

- "Busy-Washing" is displayed and the printer starts a head cleaning.
- After head cleaning "Wash Retry? NO" is displayed

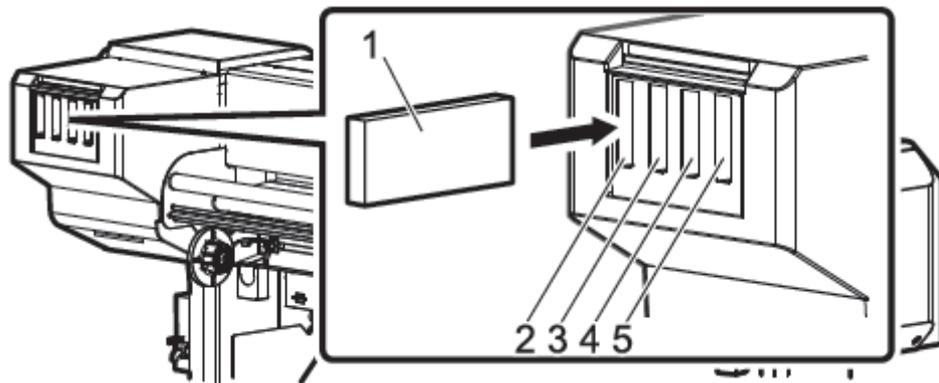
Step 8: Press the [ENTER] key



- “Insert InkCartridges” is displayed.

Step 9: Install a new set of open cassettes or the Bulk Ink System on the back of the printer. Do not push them all the way in yet.

- In case of a BIS system, please refer to the installation sheet of the BIS system.
- In case of open cassettes, fill them to the appropriate level.



N°	Description
1	Ink cassette
2	Ink cassette slot 1
3	Ink cassette slot 2
4	Ink cassette slot 3
5	Ink cassette slot 4

Step 10: The ink cassette alignment differs depending on the ink set. Refer to the following table or explanatory label near the slot.

cassette slot NO.	Inkset			
	8color	6color	4color	4color double
1	K	K	K-A	K-A
2	C	C	C-A	C-A
3	M	M	M-A	M-A
4	Y	Y	Y-A	Y-A
5	SP *	SP *	K-B	K-A
6	SP *	SP *	C-B	C-A
7	SP *	Cleaning liquid	M-B	M-A
8	SP *	Cleaning liquid	Y-B	Y-A

- * SP: Special process or spot colour

Step 11: As all ink cassettes are filled to the appropriate level, insert them all the way in the ink slots.

- “Ink Refill **%” is displayed and the ink fill procedure starts.
- The ink replenishment takes about 9 minutes. Ink filling operation and pause operation are repeated during the ink fill.
- When “100%” is displayed, the ink replenishment is complete.

Caution

- **During the ink load sequence:**
 - Do not power the printer OFF
 - Do not unplug the power cable.
 - Do not open the front cover.
 - Do not open the maintenance cover.
 - Do not raise the media loading lever.

Step 12: It is recommended to keep the open cassettes and store them in a safe place. They can be re-used in case the printer needs to be cleaned for transport to another location or for long term storage.