

VJ-1627MH Daily Maintenance Sheet

Daily maintenance

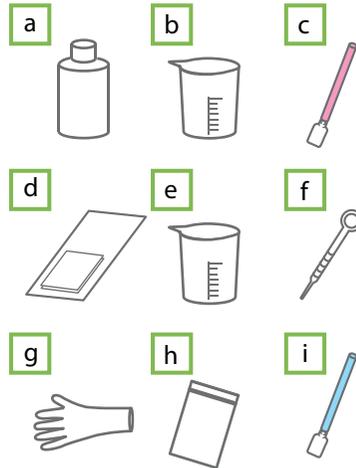
When to perform maintenance:

- **At the end of the working day** (Be sure to perform the following maintenance)

Required Items:

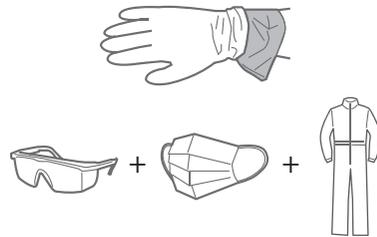
- (a) Dedicated maintenance cleaner
- (b) Plastic cup for cleaning stick
- (c) Cleaning stick
- (d) Paper towel or Polyester knit wiper
- (e) Plastic cup for dropper
- (f) Dropper
- (g) Plastic gloves
- (h) Plastic zipper bag
- (i) Cleaning stick

- ※Use a paper towel supplied with the printer or optional Polyester knit wiper. **DO NOT** use a tissue. Lints or flakes on tissue may cause damage to the print head.
- ※**DO NOT** use non-dedicated maintenance cleaner.



Preparation:

- Wear personal protective equipment such as plastic gloves, goggles, protective mask or clothing.
- ※Use a plastic gloves supplied with the printer.



Important!

Plastic cup for dropper



- In this maintenance procedure, you will moisten some printer parts with maintenance cleaner using the dropper. If you cannot suck up maintenance cleaner directly from the maintenance cleaner bottle using the dropper, use one of the plastic cup to pour the cleaner.
- If the maintenance cleaner still remains in the plastic cup, put a plastic bag or wrap over the cup to keep out dust.
- ※When you drop maintenance cleaner onto printer parts using the dropper, **do NOT** use the maintenance cleaner in the plastic cup that the cleaning stick is submerged.

1. Put the printer into maintenance state

1

Put the printer into Sleep Mode.

☞ Operation Manual "Sleep Mode"

- When [Daily Maint.: Start] appears on the operation panel, press the [Enter] key.

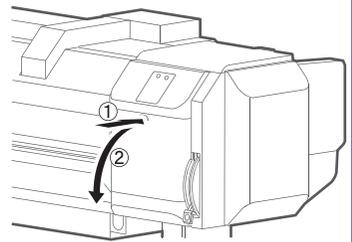
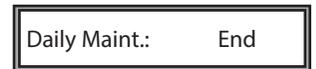


2

The carriage will move to the left side of the printer.

- When [Daily Maint.: End] appears on the operation panel, open maintenance cover on the right side of the printer and remove it.
- You can start the daily maintenance with following steps.

- ※Make sure to complete this maintenance within 5 minutes while the printer is in maintenance state. If it takes longer, the stick can dry causing damage to the print head.



Important!

Maintenance Precautions

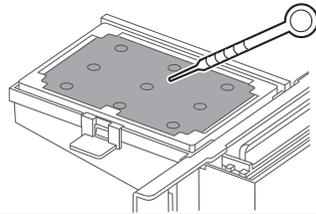
When performing daily maintenance, check the points below:

- Do not touch the cleaning wiper and the capping unit with your hands. If oil from your hands gets on those parts, this cleaning may not be performed properly.
- Do not touch the print head surface with fingers or a cleaning stick. It can cause damage to the print head.
- Always use a cleaning stick dampened with the dedicated maintenance cleaner in the plastic cup. **DO NOT** use non-dedicated maintenance cleaner. It may cause nozzle clogging.
- **DO NOT** touch the tip of the cleaning sticks with your finger. If finger oil gets on the stick, it will damage the print head.

2. How to clean the flushing-box sponge

1 Use the dropper to moisten the flushing-box sponge with maintenance cleaner.
Use about: 3.0 ml

※Do NOT use the maintenance cleaner in the plastic cup that the cleaning stick is submerged.

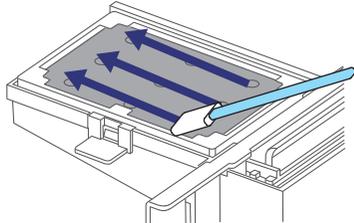


2 Prepare a cleaning stick for cleaning the flushing-box sponge.

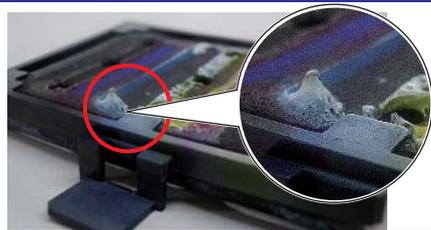
Important!
The cleaning stick can be used for 1 week. Change the cleaning stick once a week, or when the ink on the stick cannot be removed.



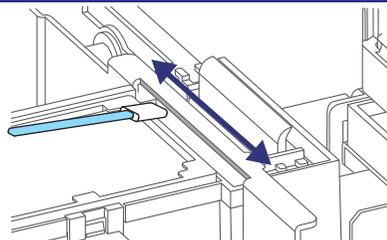
3 Use the cleaning stick to clean the whole area of sponge.



4 If you cannot remove ink clumps using the cleaning stick, replace the flushing-box sponge.

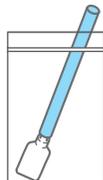


5 Clean off the ink on the left edge of the part, located between the flushing box and cleaning wiper.



6 After the cleaning is done, put the cleaning stick in the plastic zipper bag and close the zipper to store.

Important!
Make sure to close the zipper firmly to avoid dust in the bag.



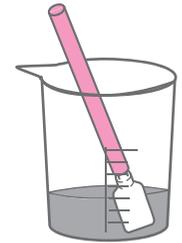
3. How to clean the cleaning wiper and capping unit

1 Prepare another cleaning stick to clean the cleaning wiper and around the capping unit.

- Pour 30 ml of dedicated maintenance cleaner into the plastic cup and dip the foam tip of the cleaning stick in it.

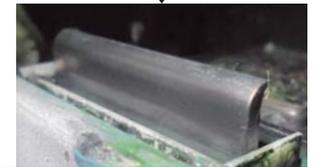
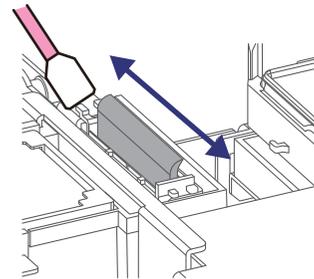
Important!

- The cleaning stick submerged in the plastic cup can be used for 1 week. Change the cleaning stick once a week, or when the ink on the stick cannot be removed.
- Make sure to change the maintenance cleaner once a week.
- If the cleaning stick gets dirty while cleaning, submerge the foam tip of the stick into the maintenance cleaner in the cup.

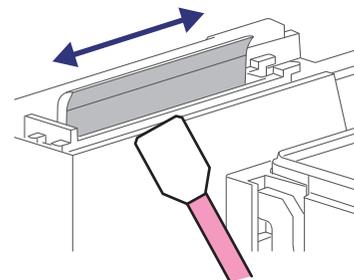


Once a week

2 Use the cleaning stick to clean the left side surface of the cleaning wiper (a black rubber part).



3 Use the cleaning stick to clean the right side surface of the cleaning wiper including the resin part below.

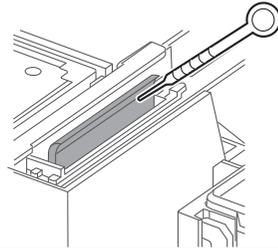


4

Use a dropper to moisten the cleaning wiper with maintenance cleaner.

Use about: 5.0 ml

※Do NOT use the maintenance cleaner in the plastic cup that the cleaning stick is submerged.

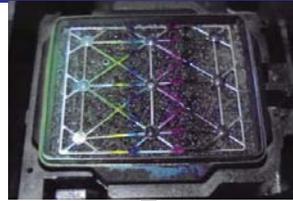
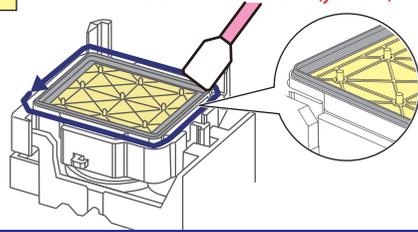


5

Use the cleaning stick to clean around the rubber part of the capping unit to remove the ink deposits and dust.

■ Clean this part (grey)

■ DO NOT touch the absorber (yellow)

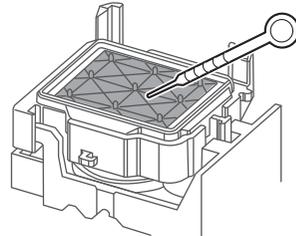


6

Use the dropper to moisten the absorber of the capping unit with maintenance cleaner.

Use about: 1.5 ml

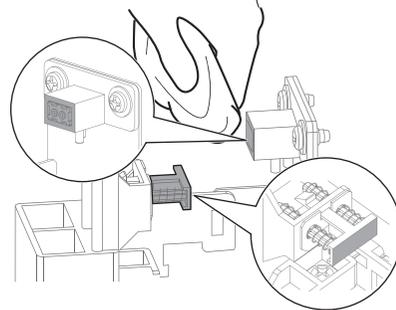
※Do NOT use the maintenance cleaner in the plastic cup that the cleaning stick is submerged.



7

Moisten the paper towel with maintenance cleaner and clean the air valve surface to remove the ink deposits.

※Wear plastic gloves to avoid contact with maintenance cleaner.



8

Attach maintenance cover on the right side of the printer and close it. Next clean surface around the print head.

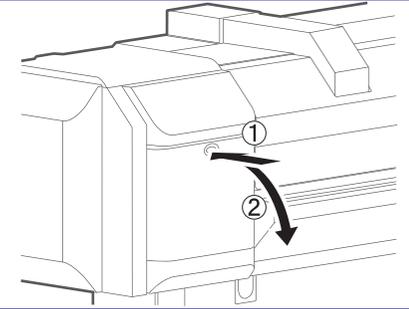
Important!

If maintenance is likely to take more than 5 minutes, temporarily stop the process, perform a nozzle check to see if there are no nozzle missing,

4. How to clean around the print head

1

Open maintenance cover on the left side of the printer and remove it.



2

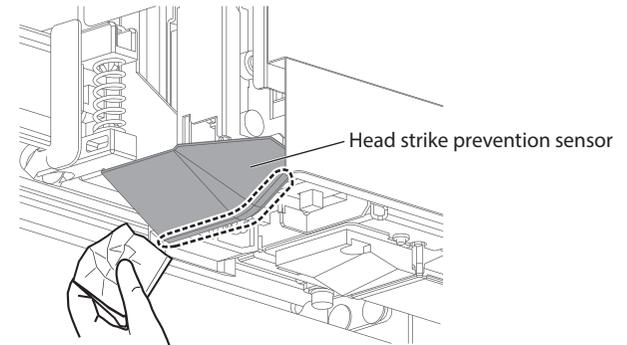
Check if ink stains on the bottom of the sensor.

If stains, use the paper towel moistened with a few drops of cleaning fluid and gently wipe off the ink on the sensor.

※Wear plastic gloves to avoid contact with maintenance cleaner.

※To avoid damage to the sensor while cleaning, use the other hand to hold it to stabilize.

※While cleaning, do not apply too much pressure. It may damage the sensor.



3

Use the cleaning stick to remove the ink deposits or dust on the bottom of the carriage.

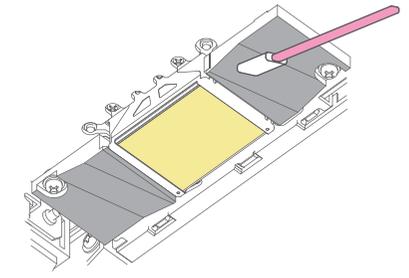
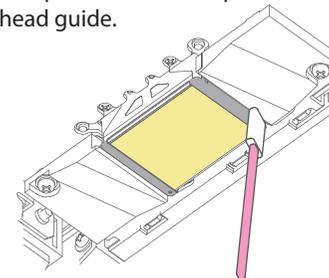
■ Clean this part (grey)

■ DO NOT touch the surface of a print head (yellow)

Surface around print head (silver metal part)

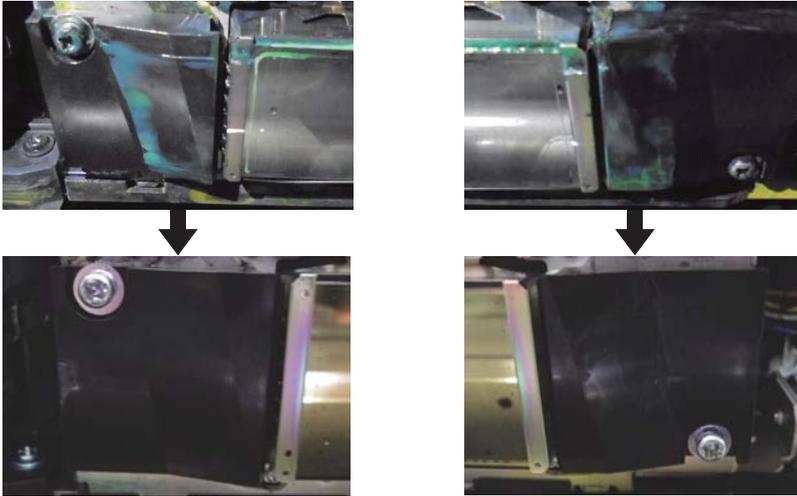
Print head guide (black plastic part)

※Clean the part between the print head and print head guide.



4

Check that the area around the print head is clean.



5

Attach maintenance cover on the left side of the printer and close it.

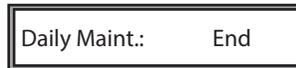
Next end the daily maintenance.

5. End the daily maintenance

1

Press the [Enter] key on the operation panel.

- The carriage moves to the original position.
- The printer automatically enters to sleep mode.



2

- Put the cleaning stick back in the maintenance cleaner in the cup to store.
- Clean off the maintenance cleaner from the dropper with paper towel.
- Now the daily maintenance is complete.

Important!

- Using plastic bag or wrap, put it over the maintenance cleaner in the cup to keep out dust.
- Check that the lid of the maintenance cleaner is shut properly and store it.



When not using the printer for long periods (longer than 24 hours)



- **If you are not using the printer for longer than 24 hours: Follow the instructions on this sheet to perform daily maintenance and then put the printer into sleep mode.**

In any of above cases, follow the steps below to perform daily maintenance once a week.

- ▶ Invert the ink bags back and forth to agitate ink.
- ▶ Wake the printer from sleep mode. (The printer will automatically perform "Little Charge")
- ▶ Perform a nozzle check to see if there are no nozzle missing.
- ▶ Follow the steps on this sheet to perform daily maintenance, and put the printer into sleep mode.

- **When you may not be able to run a weekly cleaning on the printer that is in sleep mode.:**

Perform "Longstore" and then power off the printer.

It allows you to store the printer for up to one month (30 days).

Operation manual "Long Storage and Initial Charge"

Note

Please contact your local Mutoh dealer or nearest Mutoh sales office for ordering maintenance parts.

Name	Part Number	Minimum q'ty per order
Dedicated Maintenance cleaner	MP31-CL1000B	1
Polyester knit wiper	PJ-POLYNITW	300
Clean stick	RH2 Clean stick	100