

VJ-1617H Daily Maintenance Sheet

Daily maintenance

When to perform maintenance:

- **At the end of the working day** (Be sure to perform the following maintenance)
- ※**Even if you do not use the printer, make sure to follow the instructions "When not using the printer for long periods (longer than 24 hours)" on page 4 to perform maintenance. This maintenance is required to keep the printer in good condition.**

Required Items:

- (a) Dedicated maintenance cleaner (Optional accessories)
- (b) Plastic cup for cleaning stick (Included)
- (c) Cleaning stick (Included or Optional accessories)
- (d) Paper towel (Included) or Polyester knit wiper (Optional accessories)
- (e) Plastic cup for dropper* (Included)
- (f) Dropper (Included)
- (g) Plastic gloves (Included)

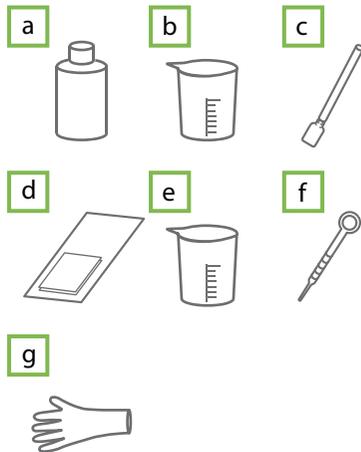
- ※**Use a paper towel supplied with the printer or optional Polyester knit wiper. DO NOT use a tissue. Lints or flakes on tissue may cause damage to the print head.**
- ※**DO NOT use non-dedicated maintenance cleaner.**

Preparation:

- Wear the plastic gloves.
- 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. If the dirt does not get off, change the cleaning stick.



Once a week

1. Put the printer into maintenance state

1 Put the printer into Sleep Mode.

☞ Operation Manual "3.3.1 Set sleep mode on the printer"

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

※**If you do not use the printer longer than 24 hours, go to "When not using the printer for long periods (longer than 24 hours)" on page 4.**

Daily Maint.: Start

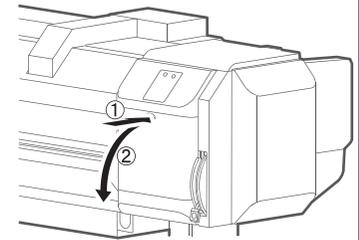


2 The carriage will move to the left side of the printer.

- 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.**

Daily Maint.: End



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.**

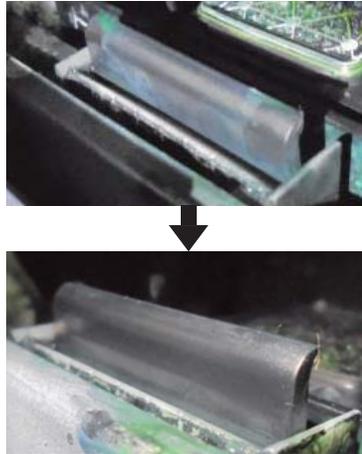
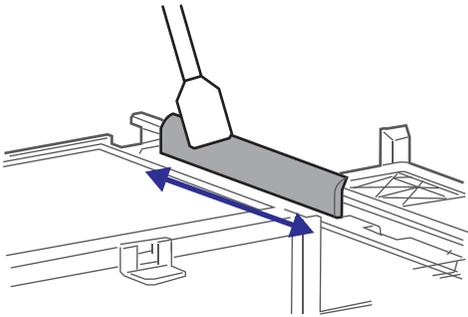
2. How to clean the cleaning wiper and capping unit

Important!

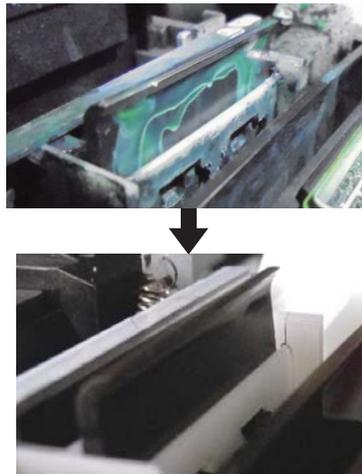
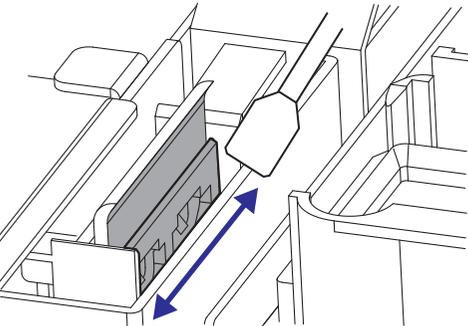
When cleaning the cleaning wiper and surface around the capping unit, check the points below:

- 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.
- 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.
- 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.
- This cleaning should be complete within 5 minutes. If it takes longer, the stick can dry causing damage to the print head.

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



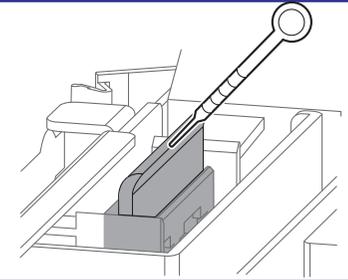
- 2** Use the cleaning stick to clean the right side surface of the cleaning wiper including the resin part below.



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

Use about: 5.0 ml

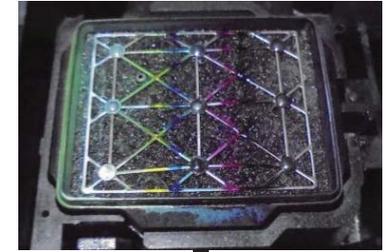
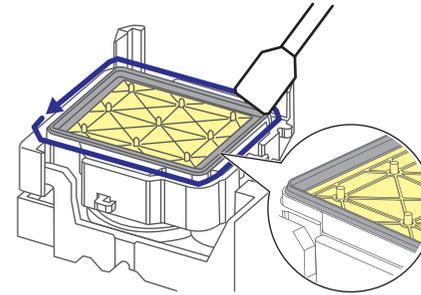
- ※ Use the maintenance cleaner sucked up from the maintenance cleaner bottle or the plastic cup for dropper.
- ※ Do NOT use the maintenance cleaner in the plastic cup that the cleaning stick is submerged.



- 4** 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)

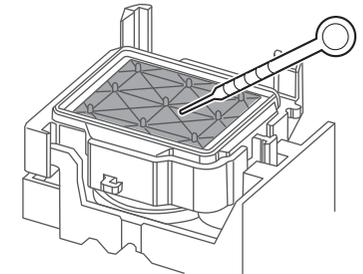
■ DO NOT touch the absorber (yellow)



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

Use about: 1.5 ml

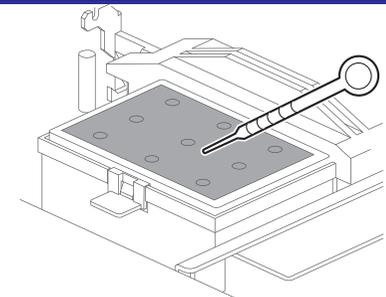
- ※ Use the maintenance cleaner sucked up from the maintenance cleaner bottle or the plastic cup for dropper.
- ※ Do NOT use the maintenance cleaner in the plastic cup that the cleaning stick is submerged.



- 6** Use the dropper to moisten the flushing-box sponge with maintenance cleaner.

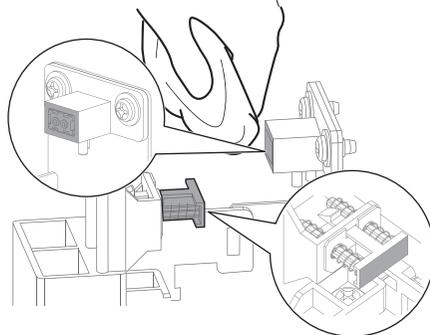
Use about: 3.0 ml

- ※ Use the maintenance cleaner sucked up from the maintenance cleaner bottle or the plastic cup for dropper.
- ※ 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 vinyl 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,

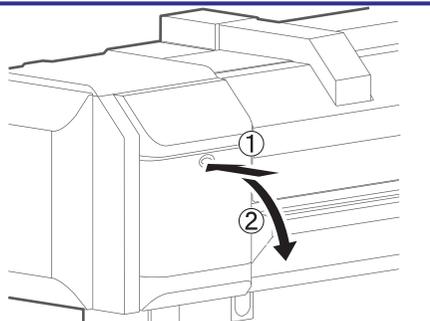
3. How to clean around the print head

Important!

When cleaning surface around the print head, please note the followings.

- 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 and dampen it with dedicated maintenance cleaner before cleaning. 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.
- 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.
- This cleaning should be complete within 5 minutes. If it takes longer, the stick can dry causing damage to the print head.

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



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

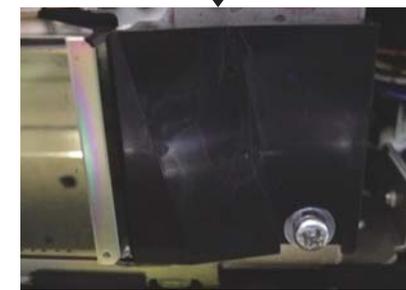
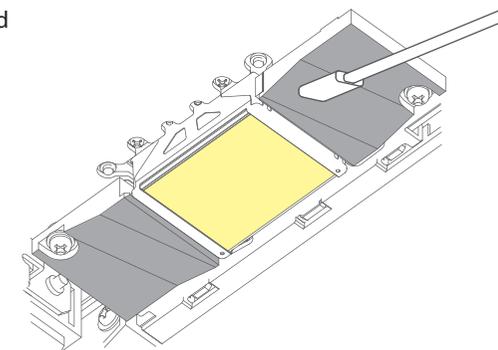
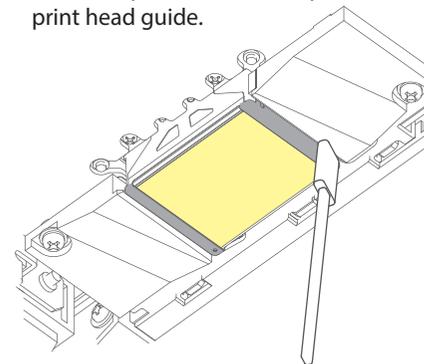
■ Clean this part (grey)

■ 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.



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

Next end the daily maintenance.

4. 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.

Daily Maint.: End



- 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.
- Make sure to change the maintenance cleaner once a week.
- Check that the lid of the maintenance cleaner is shut properly and store it.



 **Once a week**



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

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.
- **If you are not using the printer for over a week:**
Please check "6.3.1.2 Before using sleep mode for a long time (common to 4-color set and 5-color set)" on the operation manual.

<Maintenance steps>

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.