

Care and Maintenance

INKJET PRINTER

UJV300DTF-75

Requests for Care and Maintenance

You can also download the latest manual from official website.

MIMAKI ENGINEERING CO., LTD.

<https://mimaki.com/>

D203892-11
Original instructions

TABLE OF CONTENTS

Introduction	3
To Ensure Safe Use	4
Symbol Marks	4

Maintenance

1. Maintenance Precautions	6
2. Maintenance Methods	7
Maintenance Items and Timing	7
Ink Maintenance	9
Wiper Cleaning	9
Cap Rubber Cleaning	12
NCU Cleaning	13
Carriage Underside Cleaning	13
Cleaning the Mist Filter	15
Ink Discharge Channel Cleaning	16
Media Sensor Cleaning	17
Media Holder Cleaning	18
Jam Sensor Cleaning	18
Platen Cleaning	19
Cover (Exterior) Cleaning	20
Pinch roller Cleaning	20
Bonding Roller Maintenance	23
When this Printer is Left Unused for a Long Time	26
3. Replacement of Consumable Item	28
Wiper Replacement	28
Cap Absorber Replacement	29
Mist Filter Replacement	31
Exhaust Fan Filter Replacement	32
Pinch Roller Replacement	33
Media Holder Replacement	35
Waste Ink Tank Replacement	37
Ink Bottle Cap Replacement	39

Introduction

Thank you for purchasing the Inkjet printer UJV300DTF-75.

Read the Request for Care and Maintenance ("this document" hereinafter) thoroughly and make sure you understand its contents to ensure safe and correct use of the product.

Please note that the illustrations contained in this manual are intended to show functions, procedures, or operations and may sometimes differ slightly from the actual machine.

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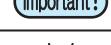
● DISCLAIMERS

- MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE ARISING DIRECTLY OR INDIRECTLY FROM THE USE OF THE UJV300DTF-75 ("THIS MACHINE" HEREINAFTER), WHETHER OR NOT THE PRODUCT IS FAULTY.
- MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, TO MATERIALS CREATED WHILE USING THIS MACHINE.
- USING THIS MACHINE IN CONJUNCTION WITH DEVICES OTHER THAN THOSE RECOMMENDED BY MIMAKI ENGINEERING MAY RESULT IN FIRE OR ACCIDENTS. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.
- USE ONLY GENUINE MIMAKI ENGINEERING INK AND MAINTENANCE LIQUID. USE OF OTHER PRODUCTS MAY RESULT IN FAILURES OR REDUCE PRINT QUALITY. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.
- DO NOT ATTEMPT TO REFILL THE INK BOTTLES WITH UNAUTHORIZED INK. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.
- AVOID USING UV-LED UNITS OR UV POWER SUPPLY UNITS OTHER THAN THOSE SPECIFIED BY MIMAKI ENGINEERING. USING DEVICES OTHER THAN GENUINE MIMAKI ENGINEERING DEVICES MAY RESULT IN FAILURE, ELECTRIC SHOCK, OR FIRE. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.

To Ensure Safe Use

Symbol Marks

This document uses symbol marks to explain precautions when operating the machine. Make sure you fully understand the meaning of each mark to ensure safe and correct use of the machine.

Explanation		
 WARNING	Warning	Indicates a potential hazard that may result in death or serious injury if handled improperly or if instructions are disregarded.
 CAUTION	Caution	Indicates a potential hazard that may result in minor or moderate injury if handled improperly or if instructions are disregarded.
 NOTICE	Notice	Indicates a potential hazard that may result in property damage if handled improperly or if instructions are disregarded.
	Warning sign	Indicates something that requires attention. Warning specifics are drawn inside the symbol.
	Mandatory action sign	Indicates an action that must be carried out. The specifics of the mandatory action are drawn inside the symbol.
	Prohibition sign	Indicates a prohibited action. The specifics of the prohibited action are drawn inside the symbol.
 (Important!)	Important	Indicates important information related to use of this machine.
	Tip	Indicates useful reference information.
	Reference information	Indicates the corresponding page for related information.

Maintenance

To ensure years of precise performance, maintain the machine periodically based on frequency of use. Read the maintenance precautions thoroughly before maintaining this product.

1. Maintenance Precautions



- This machine includes parts that must be replaced periodically. We therefore recommend taking out a maintenance contract. Carry out maintenance periodically and replace consumable items to prevent quality defects and accidents.

⚠ WARNING



- Clean periodically. Debris and dust will accumulate on electrical components when the machine is used for extended periods. There is a risk of failure, electric shock, or fire due to current leakage.
- Do not clean by blowing—e.g., avoid using air blowers. Doing so may lead to failure, electric shock, or fire involving the machine if airborne debris or dust gets inside electrical components. Wipe using a soft cloth soaked in diluted neutral detergent and thoroughly wrung out. A vacuum cleaner may also be used for cleaning.
- Be careful to prevent liquids from getting inside the machine. Otherwise there is a risk of failure, electric shock, or fire.



⚠ CAUTION



- The UV-LED unit becomes extremely hot. Be careful not to touch the LED after it has been turned off until it has sufficiently cooled.



- For heavy soiling, wipe using a soft cloth soaked in diluted neutral detergent and thoroughly wrung out.



- Pay close attention to ventilation and be sure to wear safety glasses, gloves, and a mask when handling ink, maintenance liquid, waste ink, or other solutions used with the machine. Leaking ink may adhere to the skin or get into the eyes or mouth.



NOTICE



- Never touch the print head nozzle surface. Do not allow water or alcohol to come into contact with the print nozzle surface. This will increase the risk of machine failure or ejection failures (e.g., nozzle clogging or deflection).
- Do not use cotton swabs to clean around the head or carriage. Fibers from cotton swabs may adhere to the head nozzle surface and lead to ejection failures (e.g., nozzle clogging or deflection).
- Do not splash ink or maintenance liquid on the covers. Exposure to splashing ink or maintenance liquid may damage or deform the cover.
- Do not use benzine, thinner, or any chemical agent containing abrasives. Use of these chemicals may result in damage to or deformation of parts.
- Do not use organic solvents such as acetone and IPA. Doing so may damage the machine.
- Do not move the carriage by hand. To move the carriage, use the carriage out function on the menu.

2. Maintenance Methods

Maintenance Items and Timing

Timing	Item
At the end of the work day	Clean the wiper and wiper bracket.  "Wiper Cleaning"(P. 9)
	Clean the wiper cleaner.  "Wiper Cleaning"(P. 9)
	Clean the cap rubber.  "Cap Rubber Cleaning"(P. 12)
	Clean the NCU.  "NCU Cleaning"(P. 13)
	Clean the underside of the UV-LED lamp.  "Carriage Underside Cleaning"(P. 13)
	Clean the underside of the carriage.  "Carriage Underside Cleaning"(P. 13)
	Mist filter 1 Soak up ink with a paper towel.  "Cleaning the Mist Filter"(P. 15)
	Clean the media sensor.  "Media Sensor Cleaning"(P. 17)
	Clean the media holder.  "Media Holder Cleaning"(P. 18)
	Clean the jam sensor.  "Jam Sensor Cleaning"(P. 18)
At the end of the week's work	Ink pad in the ink-receiving pan under the wiper Soak up ink with a paper towel.  "Wiper Cleaning"(P. 9)
	Mist filter 2 Soak up ink with a paper towel.  "Cleaning the Mist Filter"(P. 15)
	Clean the ink discharge channel.  "Ink Discharge Channel Cleaning"(P. 16)
	Clean the platen.  "Platen Cleaning"(P. 19)
	Clean the cover (exterior).  "Cover (Exterior) Cleaning"(P. 20)
	Check the waste ink levels in the waste ink tank.
When noticeably dirty	Replace with new exhaust fan filter.  "Exhaust Fan Filter Replacement"(P. 32)
	Replace the exhaust fan box.
When gaps are noticeable	In case of gaps between the foam material on the bonding roller, adjust the position.  "Bonding Roller Maintenance"(P. 23)
	Replace the exhaust fan box.

Timing	Item
When not used for more than a week	Clean the wiper and cap and wash the ink discharge channel. After cleaning, store without turning off the main power supply.  "When this Printer is Left Unused for a Long Time"(P. 26)
Periodically	Shake the Ink bottle.  "Ink Maintenance"(P. 9)
	Replace the caps on the ink bottles.  "Ink Bottle Cap Replacement"(P. 39)
When a message is displayed	Clean the pinch rollers.  "Pinch roller Cleaning"(P. 20)
	Replace the pinch roller.  "Pinch Roller Replacement"(P. 33)

Items Required for Maintenance

To order replacement consumable items, contact your local dealer or our service office. For more information on consumable items, refer to our website (<https://mimaki.com/supply/inkjet.html>).



- Do not store consumable items in locations where children may enter.

Ink Maintenance

If ink constituents are sedimented, the ink density may become uneven. We recommend shaking the Ink bottle periodically to keep printing consistent.

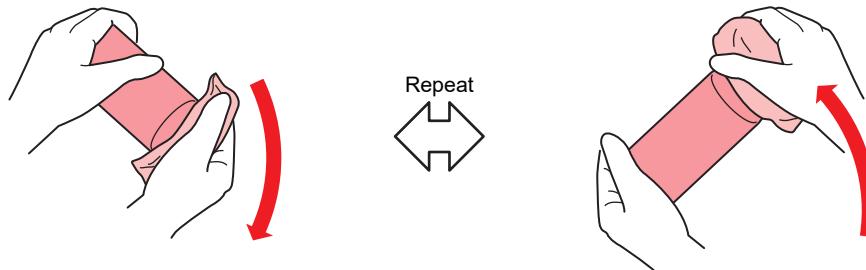
UV ink: once a month.

White ink: once a day.

● Shaking the Ink bottle

1 Shake the Ink bottle to the left and right slowly at least 20 times.

- Tighten the ink bottle lid securely, then shake the bottle slowly from left to right to ensure that the ink moves inside, holding the ink bottle lid with a piece of recommended non-woven fabric.



- Shake slowly. If the bottle is shaken too violently, ink may leak out or the air mixed in the ink may cause nozzle clogging.
- If the ink bottle is partially used, tilt it slowly until the ink bottle is upright.

Wiper Cleaning

The wiper wipes off ink adhering to the print head nozzle surface. Using a dirty wiper with dried ink or dust on it may cause the wiper to rub against the nozzle surface and lead to ejection failures (such as nozzle clogging or deflection).



- Be careful to avoid leaving fragments from the cleaning stick behind when cleaning. These fragments will increase the risk of ejection failures (e.g., nozzle clogging or deflection).

1 On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.

- The Maintenance menu is displayed.

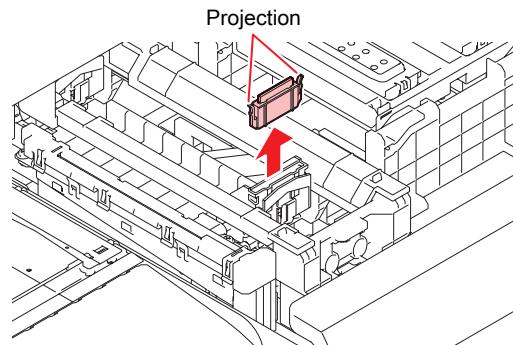
2 Select [Station Maint.] > [Carriage Out] > [Station Maint.], then press the [ENTER] key.

- The carriage moves over the platen.

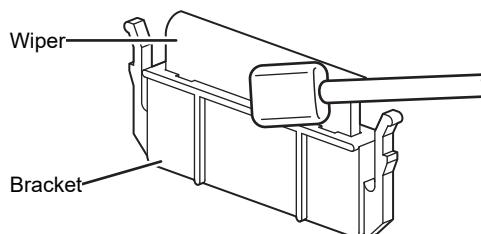
3 Open the front cover.

4 Remove the wiper.

- Hold the lugs on both sides of the wiper bracket, then pull out the wiper.

**5 Clean the wiper and bracket.**

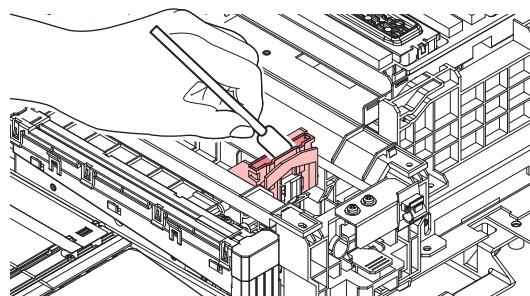
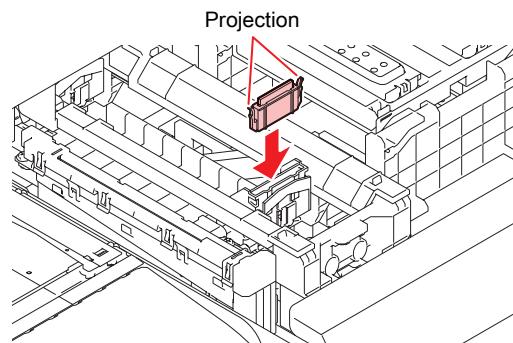
- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.



- Replace dirty or warped wipers with new ones.  ["Wiper Replacement"\(P. 28\)](#)

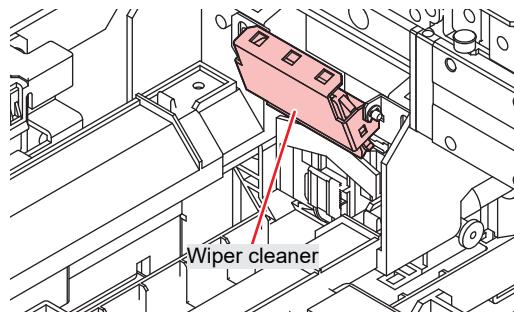
6 Clean the wiper slider.

- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.

**7 Reattach the wiper at the original position.**

8 Clean the wiper cleaner.

- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.



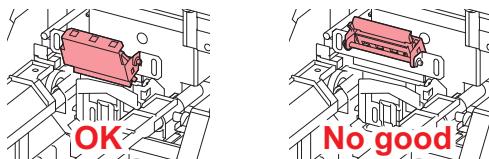
- Only clean the front side of the wiper cleaner. There is no need to clean the backside.



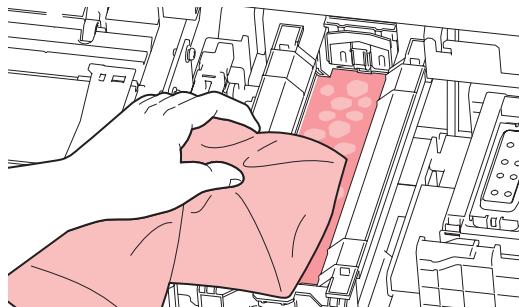
- Do not remove the wiper cleaner from the bracket.



- After cleaning is completed, check to confirm that the wiper cleaner is not facing up.



- Soak up ink in the ink-receiving pan with a paper towel once a week. Failure to do so may result in leaking ink.



- Do not remove the pad in the pad case. Failure to do so may result in leaking ink.

9 Once cleaning is complete, close the cover, then press the [ENTER] key.

Cap Rubber Cleaning

The cap prevents the print head nozzle surface from drying out. Continuing to use a dirty cap may affect ink take-up and lead to ejection failures (such as nozzle clogging or deflection).



- Be careful to avoid leaving fragments from the cleaning stick behind when cleaning. These fragments will increase the risk of ejection failures (e.g., nozzle clogging or deflection).

1 On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.

- The Maintenance menu is displayed.

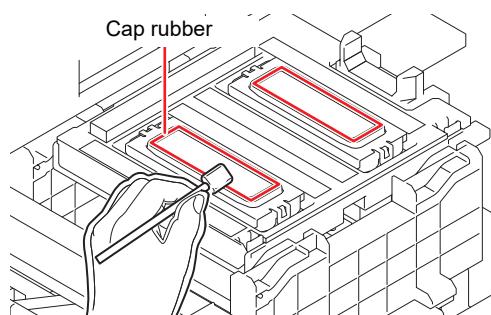
2 Select [Station Maint.] > [Carriage Out] > [Station Maint.], then press the [ENTER] key.

- The carriage moves over the platen.

3 Open the front cover.

4 Clean the cap rubber.

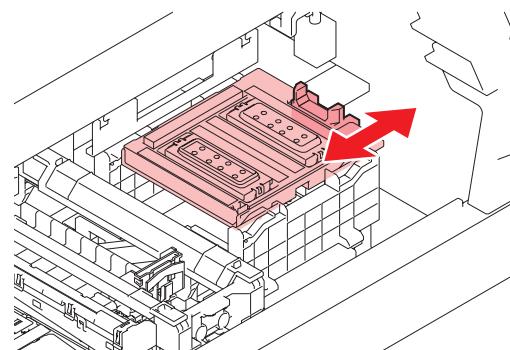
- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.



5 Check to confirm that the cap slider is not tilted once cleaning is complete.



- If the cap slider is tilted, move the slider block to the left or right to correct the tilt.



6 Close the front cover, then press the [ENTER] key.

NCU Cleaning

The NCU uses a sensor to monitor the ink droplets ejected from the print head nozzles. Continuing to use the dirty NCU may prevent the nozzle check function from operating correctly.



- Be careful to avoid leaving fragments from the cleaning stick behind when cleaning. These fragments will increase the risk of ejection failures (e.g., nozzle clogging or deflection).

1 On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.

- The Maintenance menu is displayed.

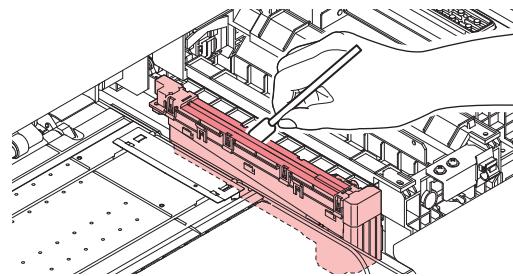
2 Select [Station Maint.] > [Carriage Out] > [Station Maint.], then press the [ENTER] key.

- The carriage moves over the platen.

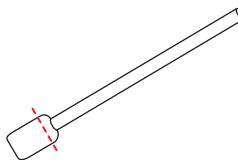
3 Open the front cover.

4 Clean the NCU.

- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.



- Insert the cleaning stick as far as the line shown in the illustration.



5 Once cleaning is complete, close the cover, then press the [ENTER] key.

Carriage Underside Cleaning

The underside of the carriage becomes coated with ink wiped off by the wiper. Continuing to use the dirty carriage underside will rub dried ink and attached dust on to the media, resulting in contaminated prints.

The print head uses an extremely delicate mechanism. Take great care when handling it.



- Be careful to avoid leaving fragments from the cleaning stick behind when cleaning. These fragments will increase the risk of ejection failures (e.g., nozzle clogging or deflection).

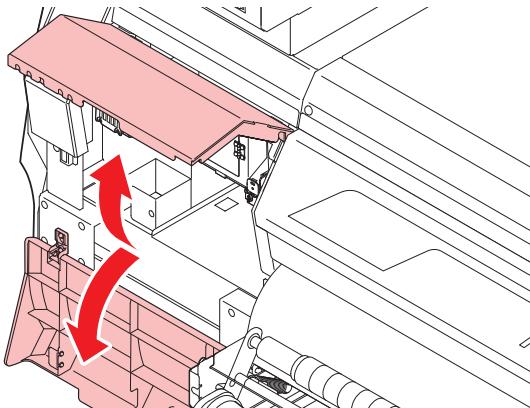
1 On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.

- The Maintenance menu is displayed.

2 Select [Station Maint.] > [Carriage Out] > [Head Maint.], then press the [ENTER] key.

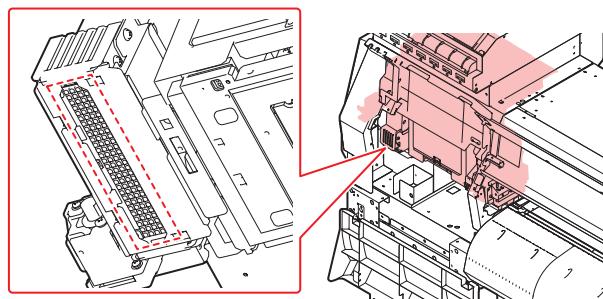
- The carriage moves to the maintenance space.

3 Open the maintenance covers.



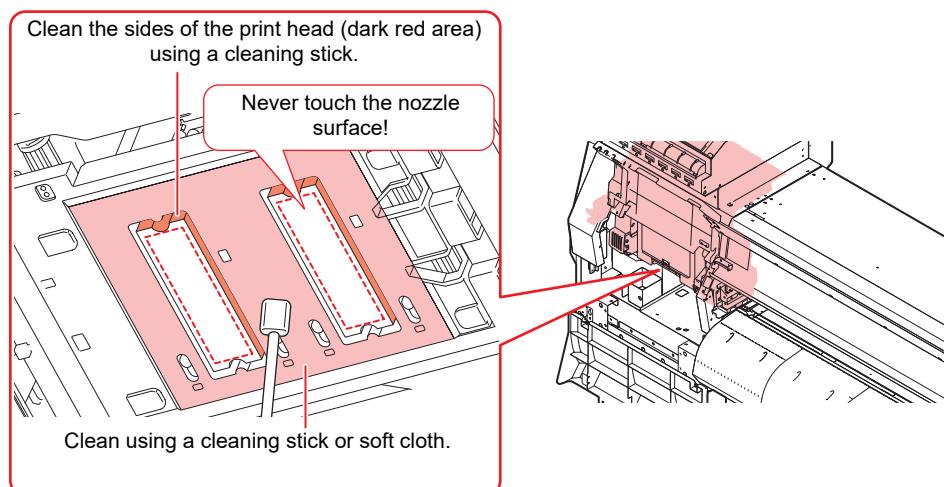
4 Clean the UV-LED lamp.

- Wipe off any adhering ink using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.



5 Clean around the print head.

- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.

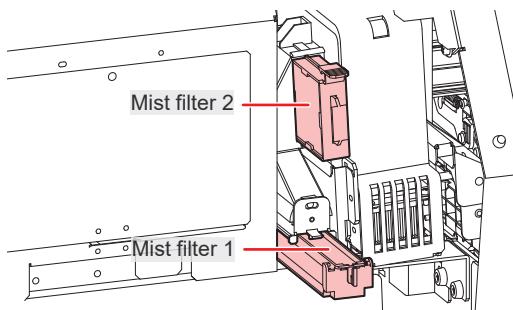


- Never touch the print head nozzle surface.

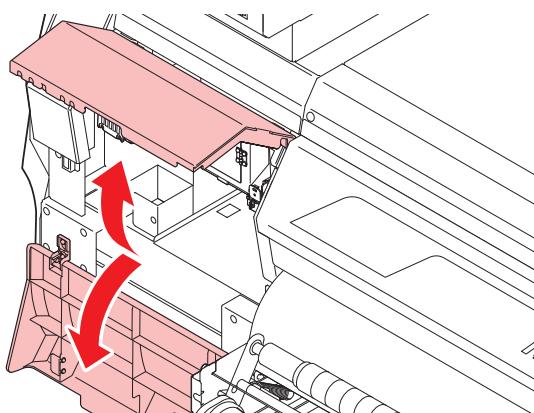
6 Once cleaning is complete, close the cover, then press the [ENTER] key.

Cleaning the Mist Filter

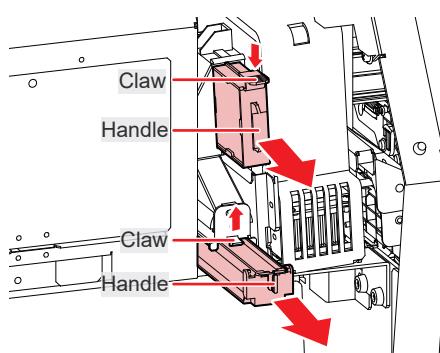
The mist filter absorbs the mist generated when ink droplets are discharged from the print head. Continuing to use it when it is dirty will result in contaminated prints.



- 1** On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 2** Select [Station Maint.] > [Carriage Out] > [Head Maint.], then press the [ENTER] key.
 - The carriage moves to the maintenance space.
- 3** Open the maintenance covers.



- 4** Remove the mist filter.
 - To remove the mist filter, pull the knob to the front while pushing the tab in the direction indicated by the arrow.

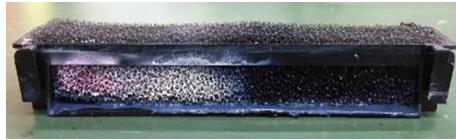


- 5** Clean the filter.
 - Remove the filter and press down on it with a paper towel to remove dirt.
 - Wipe off the dirt adhering to the filter case.



- Replace the mist filter if it gets very dirty—for example, due to liquefaction of ink adhering to the filter.

"Mist Filter Replacement"(P. 31)



6 Reinstall the mist filter in its original position.

7 Once cleaning is complete, close the cover, then press the [ENTER] key.

Ink Discharge Channel Cleaning

Clean the ink discharge channel regularly to prevent clogging of the ink discharge channel below the cap.

1 On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.

- The Maintenance menu is displayed.

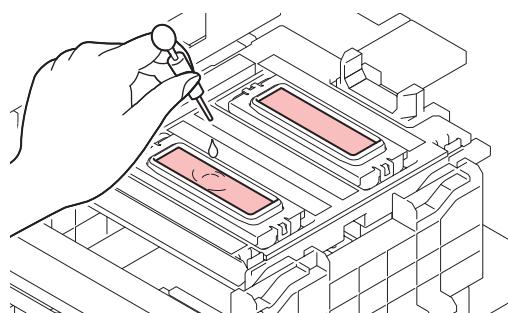
2 Select [Station Maint.] > [Pump tube cleaning], then press the [ENTER] key.

- The carriage moves over the platen.
- "Fill the Liquid. Exit Next [ENT]" appears on the display.

3 Open the front cover.

4 Fill the cap with maintenance liquid.

- Use a syringe to draw up some maintenance liquid and fill until it almost overflows from the cap.

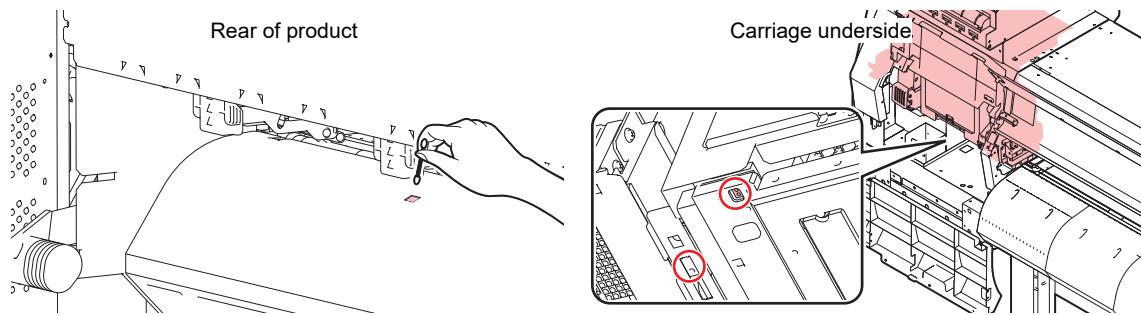


5 Close the front cover, then press the [ENTER] key.

- Pump tube (ink discharge channel below the cap) washing starts.

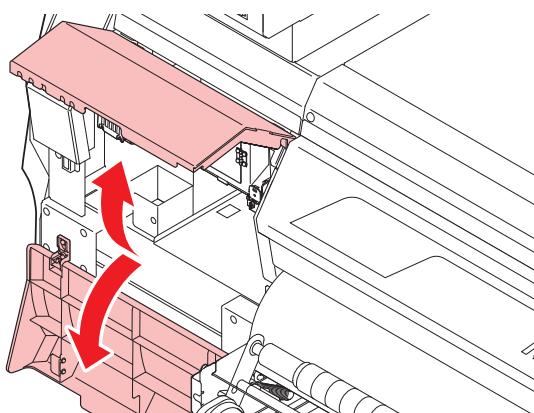
Media Sensor Cleaning

Media sensors are located on the rear cover and carriage underside. The media cannot be detected correctly if dust or debris accumulates on the sensors. Remove any debris using cotton swabs or a soft cloth.



● Cleaning the carriage underside sensor

- 1** On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 2** Select [Station Maint.] > [Carriage Out] > [Head Maint.], then press the [ENTER] key.
 - The carriage moves to the maintenance space.
- 3** Open the maintenance covers.



- 4** Clean the media sensor.
- 5** Once cleaning is complete, close the cover, then press the [ENTER] key.

Media Holder Cleaning

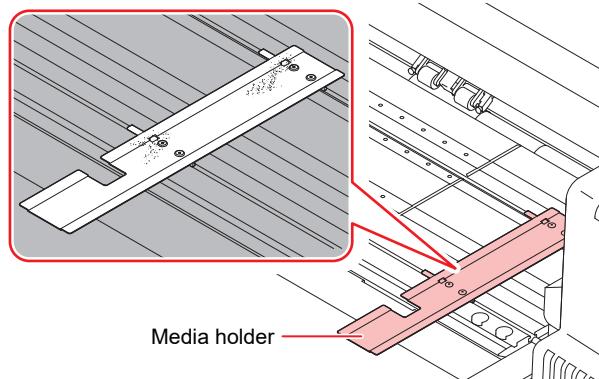


- Turn off the main power supply and unplug the power cable before carrying out maintenance.



- Be careful to prevent liquids from getting inside the machine. Otherwise there is a risk of failure, electric shock, or fire.

Continuing to use the dirty platen will prevent proper feeding of the media. It will also cause dried ink and attached dust to rub against the head nozzle surface and lead to ejection failures (e.g., nozzle clogging or deflection).



- For heavy soiling, wipe using a soft cloth soaked in diluted neutral detergent and thoroughly wrung out.



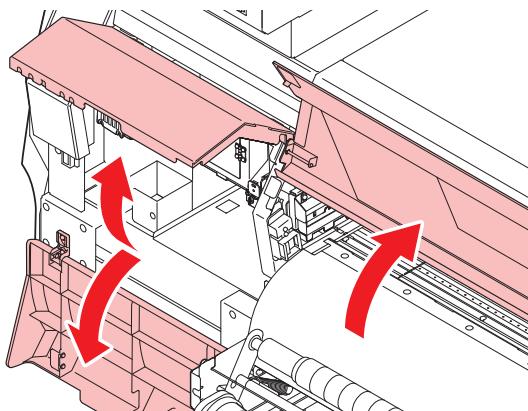
- Do not use organic solvents such as acetone and IPA. Doing so may damage the machine.

Jam Sensor Cleaning

Jam sensor units are located on the UV-LED units on both sides of the carriage. Ink or dust buildup on the sensor unit may cause media jams. Clean it with paper towels.

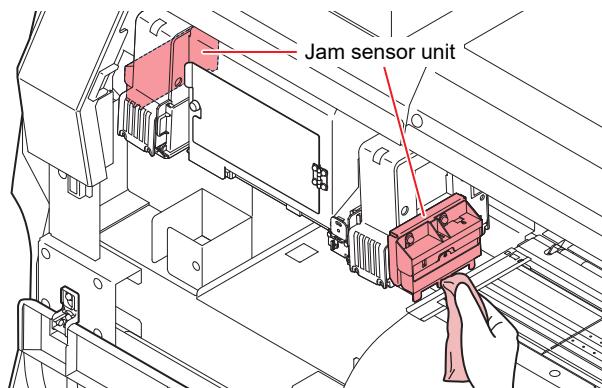
- On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- Select [Station Maint.] > [Carriage Out] > [Head Maint.], then press the [ENTER] key.
 - The carriage moves to the maintenance space.

3 Open the front cover and maintenance covers.



4 Clean the jam sensor units on both sides of the carriage.

- In particular, clean underneath the jam sensor, from both the front cover and maintenance cover sides.
- Wipe off any adhering ink or dust with a paper towel moistened with maintenance liquid. Wipe away any remaining maintenance liquid after cleaning.



5 Once cleaning is complete, close the cover, then press the [ENTER] key.

Platen Cleaning



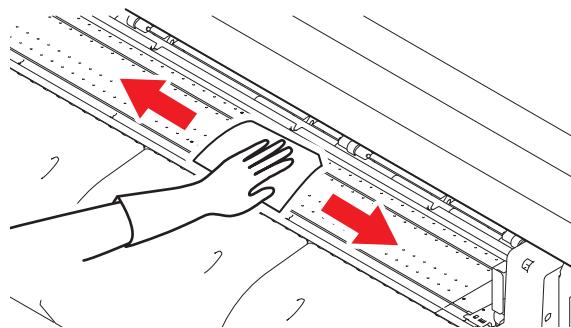
- Turn off the main power supply and unplug the power cable before carrying out maintenance.



- Be careful to prevent liquids from getting inside the machine. Otherwise there is a risk of failure, electric shock, or fire.

2. Maintenance Methods

Continuing to use the dirty platen will prevent proper feeding of the media. It will also cause dried ink and attached dust to rub against the head nozzle surface and lead to ejection failures (e.g., nozzle clogging or deflection).



- The grooves in which the media holder slides and the media is cut are susceptible to dust accumulation. Remove any debris carefully.



- For heavy soiling, wipe using a soft cloth soaked in diluted neutral detergent and thoroughly wrung out.

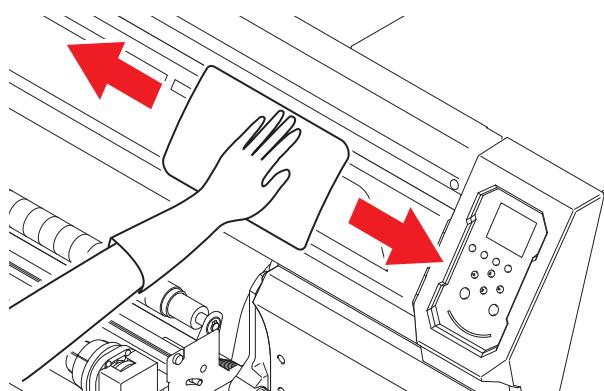


- Do not use organic solvents such as acetone and IPA. Doing so may damage the machine.

Cover (Exterior) Cleaning



- Be careful to prevent liquids from getting inside the machine. Otherwise there is a risk of failure, electric shock, or fire.



- For heavy soiling, wipe using a soft cloth soaked in diluted neutral detergent and thoroughly wrung out.

Pinch roller Cleaning

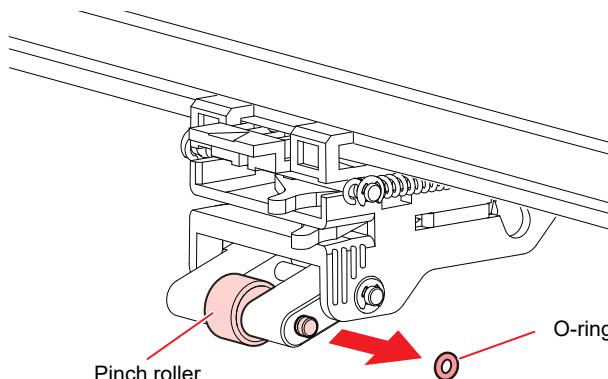
The machine counts the printing distance, and when it reaches the specified value, "Pinch roller Cleaning" will appear on the display.

Clean the pinch rollers also when the glue agent is disturbed or stuck to the pinch rollers.

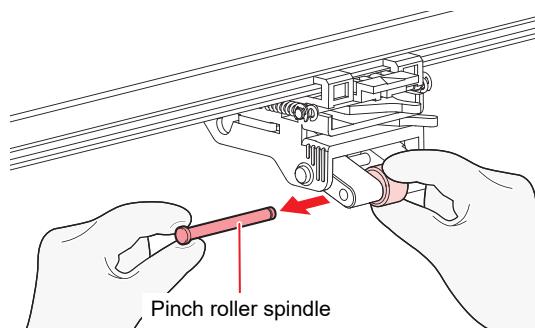


- Turn off the main power supply and unplug the power cable before carrying out maintenance.

1 Open the front cover.

2 Raise the clamp lever.**3** Remove the O-ring retaining the pinch rollers.

- The pinch rollers are small. Be careful to avoid dropping them into the product interior.

4 Remove the pinch roller spindle.

- Do not touch the pinch roller surface with bare hands. There is a risk that the adhesive of the glue sheet may easily stick to the pinch roller.

5 Clean pinch rollers with neutral or mild alkaline detergent.

6 Rinse detergent with water.



- Clean the surface with a sponge or similar tool to scrub off surface dirt.
- Allow to dry for at least 30 minutes after washing.

7 Set the cleaned pinch roller and secure it with an O-ring.

8 Close the front cover.

9 Turning On the Power.

10 On the LOCAL mode screen, select [MENU] > [Maintenance] > [Pinch Roller] > [Replace] and press [ENTER].

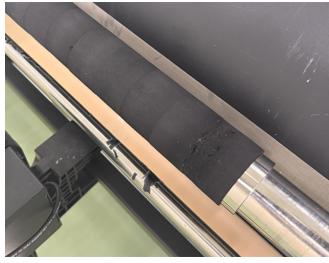
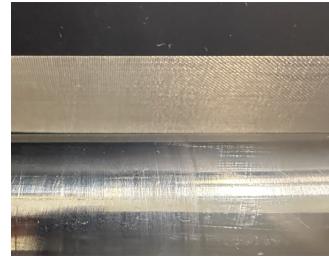
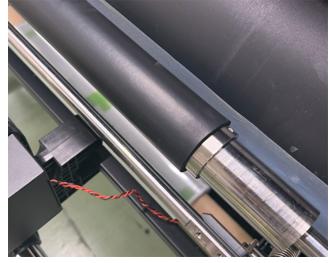
- Once executed, the cleaning message disappears.

Bonding Roller Maintenance

Bonding Roller Configuration

(Important!)

- There are two different bonding roller sponge and tape configurations. Check the configuration and perform maintenance in accordance with the corresponding operating method.

Bonding roller	Sponge	Tape
Configuration 1	 Segmented type	 Nitoflon tape
Configuration 2	 Single type	 Fluoropolymer tape

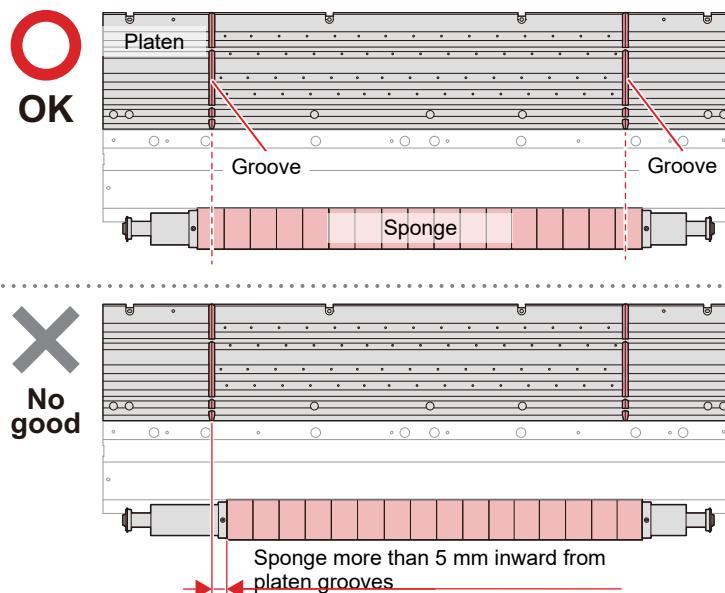
Checking and Adjusting the Bonding Roller Sponge Position

(Important!)

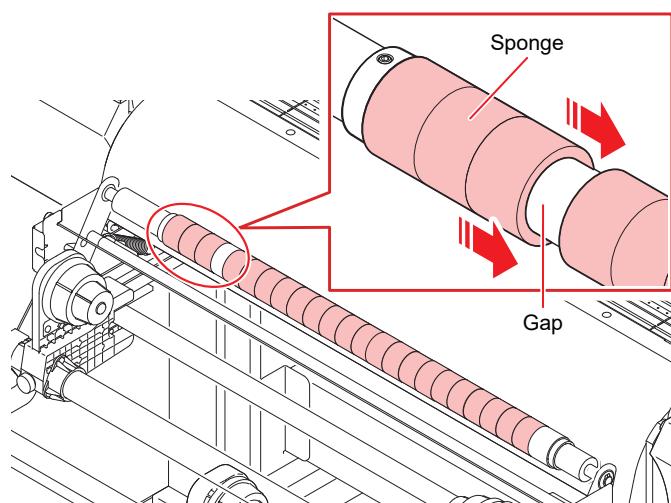
- This applies to printers with segmented sponge.
- This procedure is not required for single sponge type printers.
- Check to confirm that the sponge is correctly positioned.



(1) The sponge on the bonding roller is positioned correctly when both ends cover the platen grooves. It is also acceptable if the sponge does not cover the platen grooves, as long as the gap between the sponge and groove does not exceed 4 mm. If the sponge is more than 5 mm inward from the groove, it may interfere with media feeding.



(2) Also move the sponge if there are any gaps between individual sponge sections. If the sponge sections press against each other too hard, air bubbles are more likely to form during bonding. Do not press the sponge sections together any further once the gaps have been eliminated.



If the sponge on the bonding roller is not in the correct position, move it into position as follows.



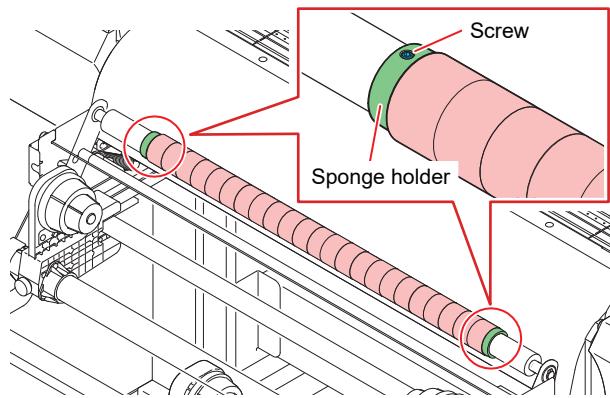
- Tools used
 - (1) Hexagon wrench (width across flats: 1.5 mm)
 - Included with the machine.

1 Loosen the sponge holder retaining screw.

- Loosen the screws with the included hexagon wrench.



- To position the sponge sections evenly, loosen the retaining screws on both ends of the sponge holder before adjustment.

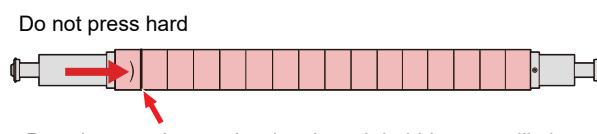


2 Move the sponge.

- Move the sponge sections to align them evenly and eliminate any gaps between them.
- Make sure the left and right sponge sections are correctly positioned relative to the platen grooves.



- If the sponge sections press against each other too hard, air bubbles are more likely to form during bonding. Do not press the sponge sections together any further once the gaps have been eliminated.



3 With the sponge holders touching the sponge, tighten the holder retaining screws.

4 Manually rotate the bonding roller slowly to confirm there are no gaps between the sponge sections across the roller.

When this Printer is Left Unused for a Long Time

Clean as follows if the product is not used for one week or longer:

Check beforehand

Is [Near End] or [Ink End] displayed?

- Maintenance liquid and ink is aspirated during the washing operation. Washing is not possible if an error occurs during this process. Replace with new ink.

1 On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.

- The Maintenance menu is displayed.

2 Select [Station Maint.] > [Custody Wash], then press the [ENTER] key.

- The carriage moves over the platen.

3 Open the front cover.

4 Clean the wiper and bracket.

-  "Wiper Cleaning"(P. 9)

5 Press the [ENTER] key once cleaning is complete.

- "Cap Cleaning Completed (Next) [ENT]" appears on the display.

6 Clean the cap rubber.

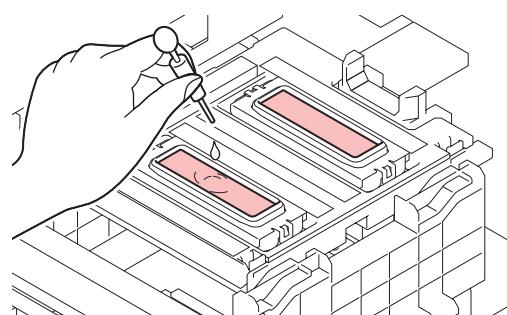
-  "Cap Rubber Cleaning"(P. 12)

7 Once cleaning is complete, close the cover, then press the [ENTER] key.

- "Fill the Liquid. Exit Next [ENT]" appears on the display.

8 Fill the cap with maintenance liquid.

- Use a syringe to draw up some maintenance liquid and fill until it almost overflows from the cap.



9 Press  to enter the leaving time. (Supported from firmware version 3.2 onward)

- The recommended leaving time is 1 minute.

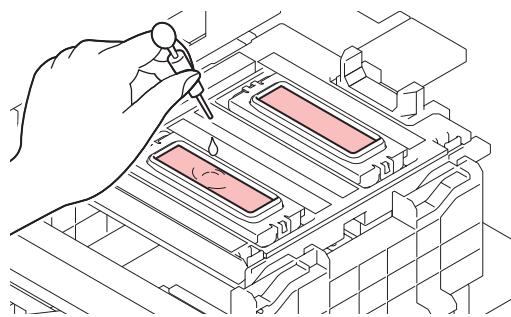
10 Close the front cover, then press the [ENTER] key.

- Print nozzle washing starts. The elapsed time is displayed on the display.
- Cleaning is performed automatically once print nozzle washing has ended.
- "Fill the Liquid. Exit Next [ENT]" appears on the display.

11 Open the front cover.

12 Fill the cap with maintenance liquid.

- Use a syringe to draw up some maintenance liquid and fill until it almost overflows from the cap.

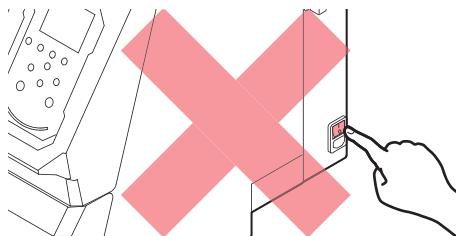


13 Close the front cover, then press the [ENTER] key.

- Pump tube (ink discharge channel below the cap) washing starts.



- Do not turn off the main power supply. Turning off the main power supply will disable the automatic maintenance function (including nozzle clogging prevention function and ink discharge channel cleaning function). This increases the risk of ejection failures (such as nozzle clogging or deflection).



- Do not leave media loaded on the platen. This may leave irregularities or ripples in the media.



When the machine is not in use, raise the clamp lever to separate the pinch rollers from the grit rollers.

- Leaving the pinch rollers lowered may cause them to become deformed and prevent media from being fed correctly.
- Leaving media loaded will subject it to force from the pinch rollers, which may leave pinch roller marks on it.



- Perform the following if the "Check Waste Ink Tank" message appears on the display.
 ["Waste Ink Tank Replacement"\(P. 37\)](#)



- When the machine is not in use, raise the bonding roller to separate the roller from the after cover.

Leaving the roller lowered may cause it to become deformed and prevent normal bonding.

3. Replacement of Consumable Item

To order replacement consumable items, contact your local dealer or our service office. For more information on consumable items, refer to our website (<https://mimaki.com/supply/inkjet.html>).



- Do not store consumable items in locations where children may enter.

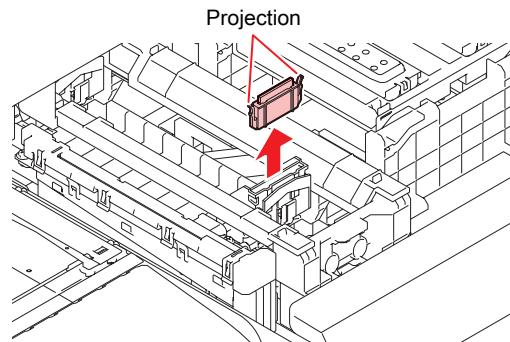


- When disposing of consumable items, contact an industrial waste disposal operator or dispose of the product in accordance with the local laws and regulations.

Wiper Replacement

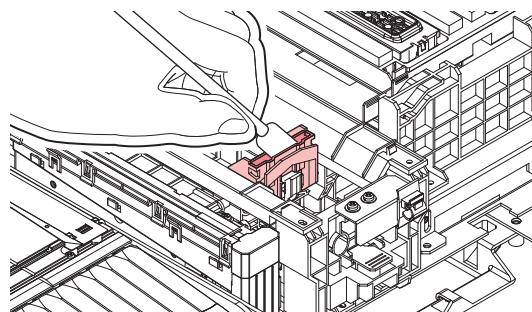
The machine maintains a count of the number of wiping cycles. The "Replace Wiper" message appears when a preset count is reached. Replace dirty or warped wipers with new ones.

- 1** "Replace Wiper" appears on the display.
- 2** On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 3** Select [Station Maint.] > [Replace Wiper], then press the [ENTER] key.
 - The carriage moves over the platen.
- 4** Open the front cover.
- 5** Remove the wiper.
 - Hold the lugs on both sides of the wiper bracket, then pull out the wiper.

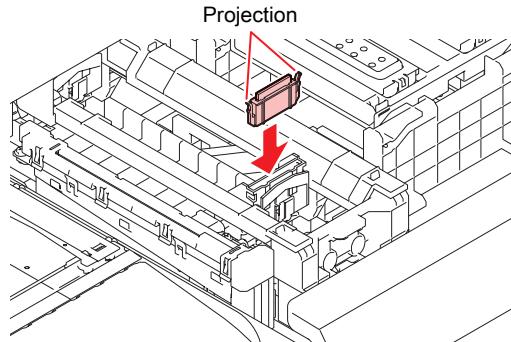


- 6** Clean the wiper slider.

- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.



7 Mount a new wiper.



8 Once replacement is complete, close the cover, then press the [ENTER] key.

- The wiper usage count is reset.

Cap Absorber Replacement

The machine maintains a usage count. The "Replace Cap Absorber" message appears on the display when a preset count is reached.

If the cap absorber is very dirty or if ink drips on to the media, replace with a new cap absorber.

1 The "Replace Cap Absorber" message appears on the display.

2 On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.

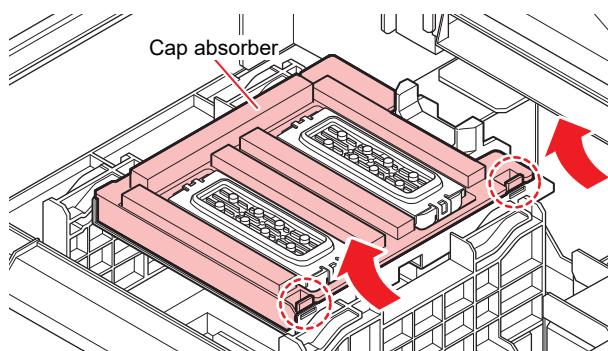
- The Maintenance menu is displayed.
- The carriage moves over the platen.
- The cap absorber usage count is reset.

3 Turn off the main power supply.

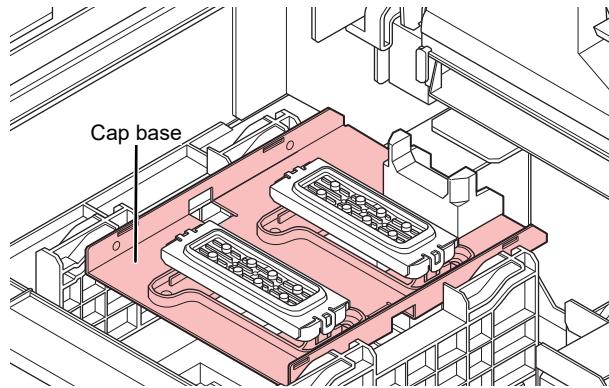
4 Open the front cover.

5 Remove the cap absorber.

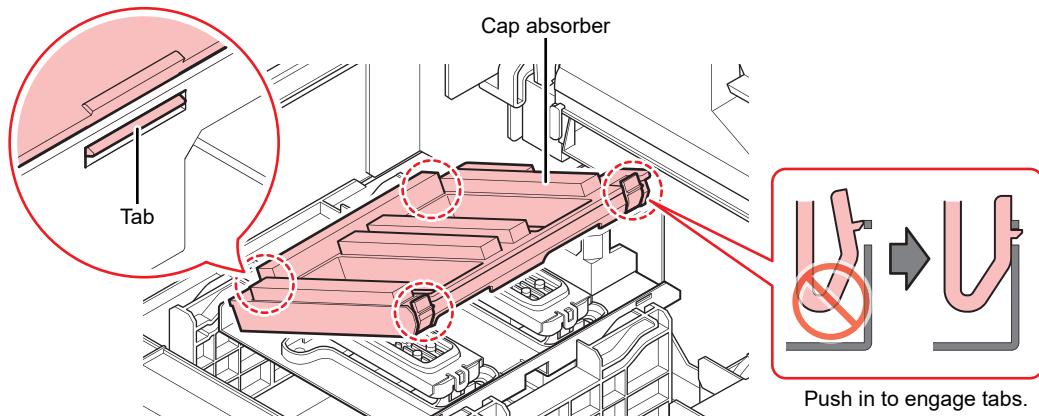
- Push up the two tabs at the front to remove the cap absorber.



- Avoid ink dripping when removing the cap absorbers.

6 Clean the cap base.**7** Mount a new cap absorber.

- Push the tabs on the cap absorber into the slits at the rear of the C slider, and clip in the tabs at the front.

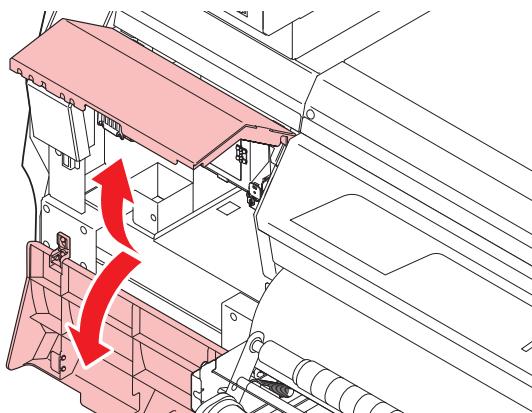
**8** Once replacement is complete, manually push the wiper back to the rear.**9** Close the front cover, then turn on the power.

- Confirm that the carriage returns to the station.

Mist Filter Replacement

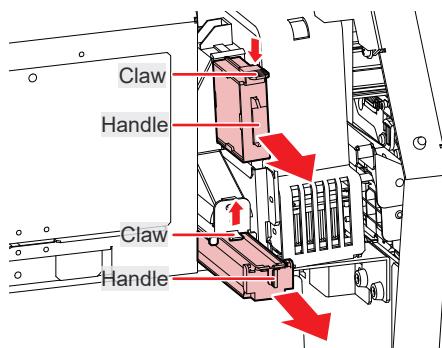
Check the mist filter. Replace if very dirty.

- 1** On the LOCAL mode screen, select [MENU] > [Maintenance] > [Station Maint.] > [Carriage Out], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 2** Select [Station Maint.] > [Carriage Out] > [Head Maint.], then press the [ENTER] key.
 - The carriage moves to the maintenance space.
- 3** Open the maintenance covers.



- 4** Remove the mist filter box.

- Push the tab in the direction indicated by the arrow and slide out in the direction of the arrow to remove.



- 5** Replace the mist filter with a new one.

- 6** Install the mist filter box.

- Insert until it clicks into place. Confirm that the tab is engaged.

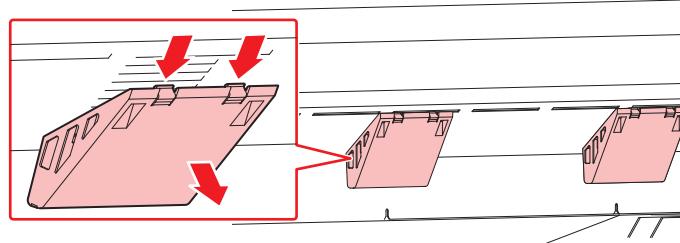
- 7** Once replacement is complete, close the cover, then press the [ENTER] key.

Exhaust Fan Filter Replacement

Check the exhaust fan filter condition. Replace if very dirty.

1 Remove the exhaust fan box.

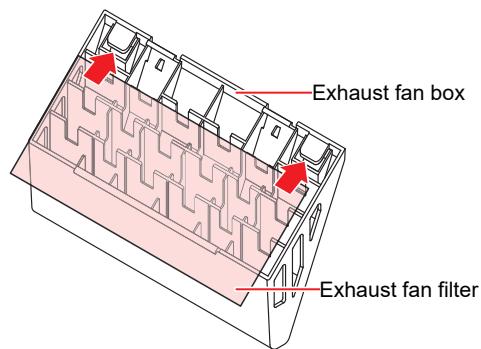
- Push the tabs at the front to remove the exhaust fan box.



- Replace the very dirty exhaust fan box with new one.

2 Mount a new exhaust fan filter in the exhaust fan box.

- Press the exhaust fan filter into the space under the tabs of the exhaust fan box.



3 Mount the exhaust fan box.

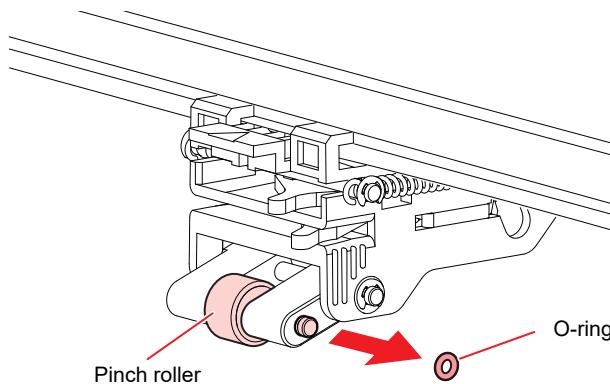
- Insert the tabs of the exhaust fan box into the slits of the machine, and clip in the tabs at the front.

Pinch Roller Replacement

The machine counts the printing distance, and when it reaches the specified value, "Pinch roller Replace" will appear on the display. If the adhesive layer of the glue sheet is disturbed or stuck to the pinch roller even after the pinch roller is cleaned, replace the pinch roller with a new one.

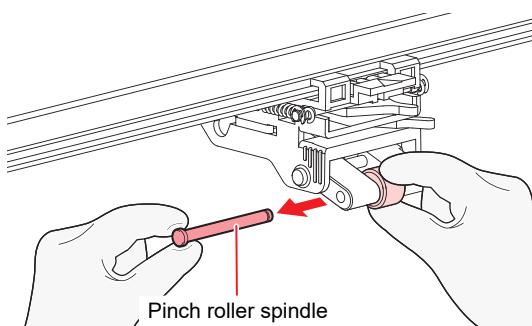
- Turn off the main power and unplug the power cable before replacement.

- 1 Open the front cover.
- 2 Raise the clamp lever.
- 3 Remove the O-ring retaining the pinch rollers.



- The pinch rollers are small. Be careful to avoid dropping them into the product interior.

- 4 Remove the pinch roller spindle.



- Do not touch the pinch roller surface with bare hands. There is a risk that the adhesive of the glue sheet may easily stick to the pinch roller.

- 5 Set a new pinch roller (SP-01015), pass it through the PR shaft, and secure it with an O-ring.
- 6 Close the front cover.
- 7 Turning On the Power.
- 8 On the LOCAL mode screen, select [MENU] > [Maintenance] > [Pinch Roller] > [Replace] and press [ENTER].
 - The exchange message disappears.



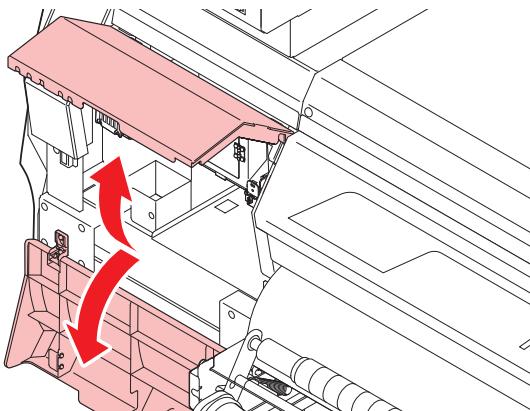
- Media adhesive sticks to the pinch rollers. Replace them regularly. Replace them regularly.
- Guideline for replacement: every 3 months

Media Holder Replacement

If the media holder becomes deformed and touches the carriage or print head, replace with a new media holder.

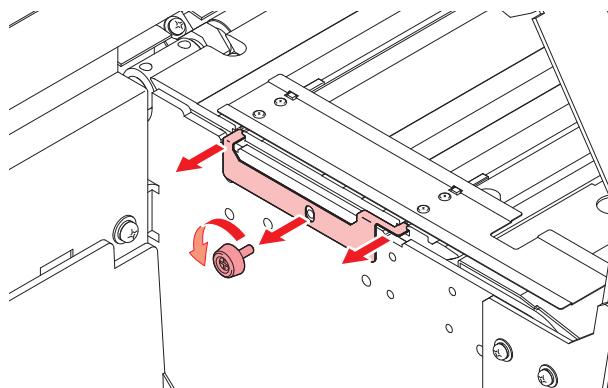
- Turn off the main power and unplug the power cable before replacement.

1 Open the maintenance covers.

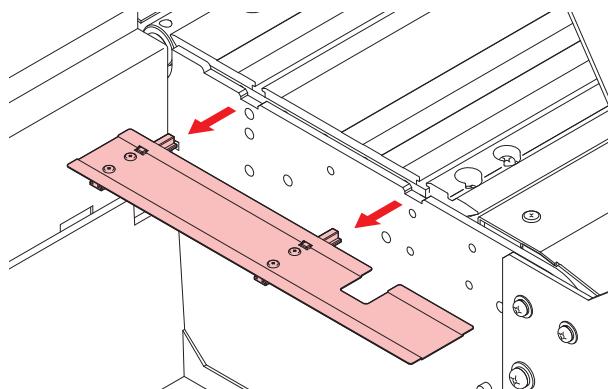


2 Remove the side screw, and detach the media holder stopper.

- As shown in the following figure, some types of media holders are not screwed in, but all types are removed from the platen the same way.

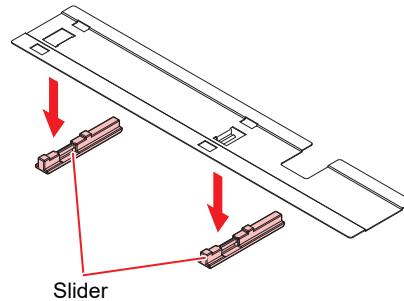


3 Remove the media holder.



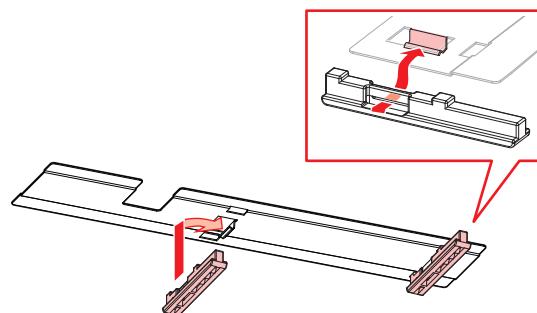
- If sliders are screwed to the media holder, discard the removed media holder and replace it with the supplied one.

4 Remove the sliders from the media holder. (If not the type that is screwed in.)

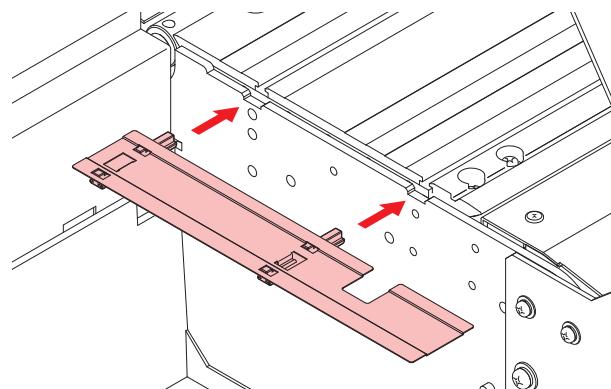


5 Attach the sliders to the new media holder.

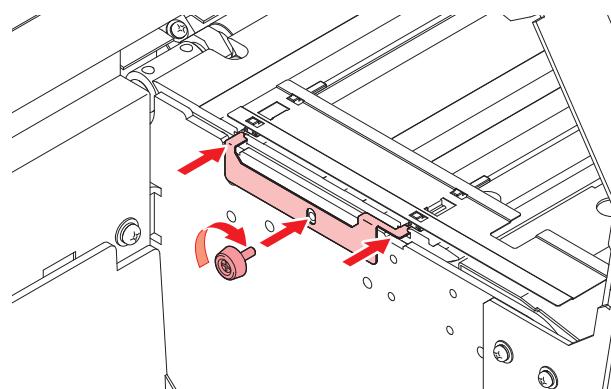
- Engage the holes in the sliders on to the lugs on the media holder.



6 Mount the new media holder on to the platen.



7 Secure the media holder stopper with the screw.



8 Close the maintenance covers.

Waste Ink Tank Replacement

Ink used during head cleaning and other processes is collected in the waste ink tank at the lower right of the machine.

This product keeps track of the waste ink level. A "Check Waste Ink Tank" message appears when the preset level is reached. Use this a guide for replacing the waste ink tank.



- For a 2-liter tank, the preset level is 80 % (1.6 L).
- Continuing to use the product without disposing of the waste ink may result in waste ink overflowing from the waste ink tank. Visually check ink levels in the waste ink tank about once a week.



- Pay close attention to ventilation and be sure to wear safety glasses, gloves, and a mask when handling ink, maintenance liquid, waste ink, or other solutions used with the machine. Leaking ink may adhere to the skin or get into the eyes or mouth.



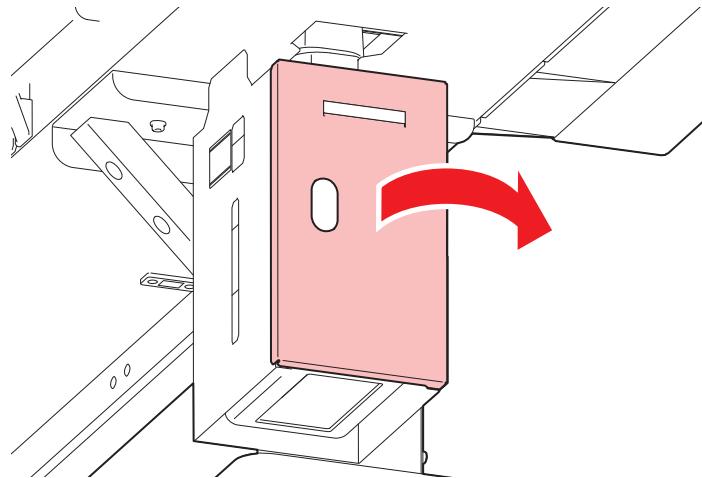
When "Check Waste Ink Tank" message appears

- 1 The "Check Waste Ink Tank" message appears on the display.
- 2 Check the waste ink levels in the waste ink tank.
 - If you note any discrepancies from actual levels, proceed to the next step.
 - If there is no discrepancy, replace (dispose of) the waste ink tank referring to "Replacing the Waste Ink Tank"(P. 37).
- 3 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 4 Select [Replace Wasteinktank], then press the [ENTER] key.
 - "Replace Wasteinktank Level: 80 % (1.6 L)" appears on the display.
- 5 Press to adjust the level.
- 6 Press the [ENTER] key once adjustment is complete.

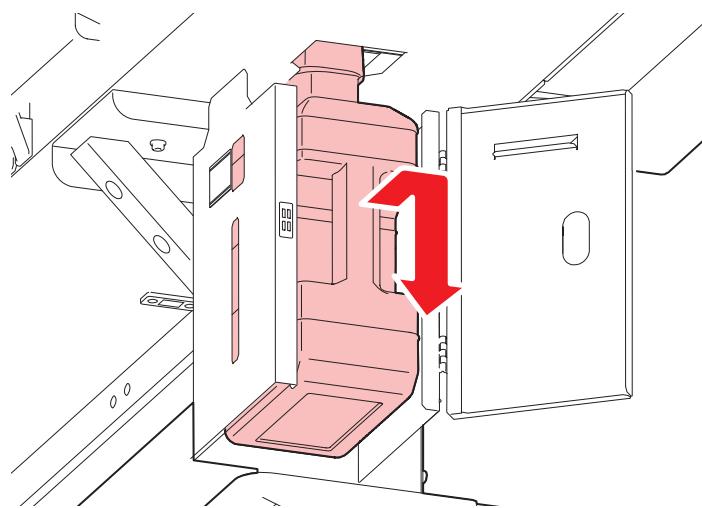
Replacing the Waste Ink Tank

- 1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 2 Select [Replace Wasteinktank], then press the [ENTER] key.
 - "Replace Wasteinktank Level: 80 % (1.6 L)" appears on the display.

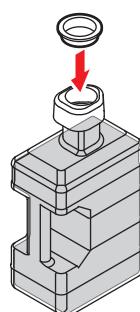
3 Open the waste ink tank cover.



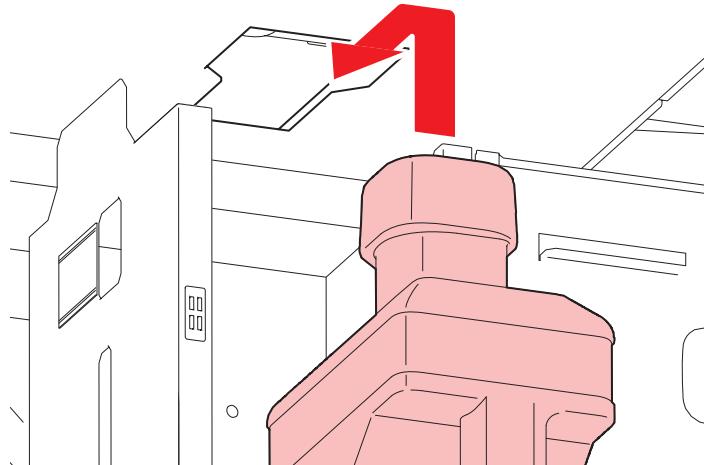
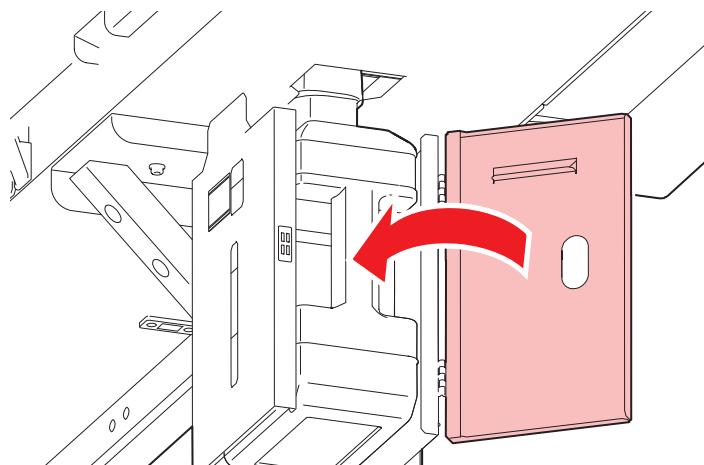
4 Hold the handle on the waste ink tank and slide out.



5 Attach the cap to the removed waste ink tank, and use tape to prevent leakage of waste ink.



- When disposing of ink, maintenance liquid or other liquid used with the product, or containers or non-woven fabric contaminated with ink or other liquid, contact an industrial waste disposal operator or dispose of the product in accordance with the local laws and regulations.

6 Mount a new waste ink tank.**7** Close the waste ink tank cover.**8** Press the [ENTER] key.

- The waste ink level will be reset.

Ink Bottle Cap Replacement

As a guideline, replace annually. For replacement instructions, see Replacing Ink.



- Pay close attention to ventilation and be sure to wear safety glasses, gloves, and a mask when handling ink, maintenance liquid, waste ink, or other solutions used with the machine. Leaking ink may adhere to the skin or get into the eyes or mouth.



Care and maintenance

January, 2026

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MimakiTM

DH
KW

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