

# Care and Maintenance

**UV INKJET PRINTER**

# ***UJV100-160***

**Requests for Care and Maintenance**

You can also download the latest manual from official website.

**MIMAKI ENGINEERING CO., LTD.**

<https://mimaki.com/>

D203468-13  
Original instructions

# TABLE OF CONTENTS

---

## Maintenance

1. Maintenance Precautions .....	4
2. Maintenance Items and Timing.....	5
3. Maintenance .....	6
Items Required for Maintenance.....	6
Ink Maintenance .....	6
White Ink Maintenance .....	7
Wiper Cleaning .....	7
Cap Cleaning .....	9
NCU Cleaning.....	10
Carriage Underside Cleaning .....	11
Print Head Nozzle Washing.....	12
Ink Discharge Channel Cleaning .....	14
Media Sensor Cleaning .....	14
Automatic Correction Sensor (DAS) Cleaning.....	15
Media Holder Cleaning .....	16
Platen Cleaning .....	16
Cover (Exterior) Cleaning .....	17
When Not in Use for Extended Periods .....	17
4. Consumable Item Replacement .....	20
Wiper Replacement .....	20
Cap Replacement .....	21
Cap Absorber Replacement .....	23
Waste Ink Tank Replacement.....	24
Pinch Roller Replacement .....	26
Media Holder Replacement .....	27
Media Cutter Replacement .....	29
LED Glass Replacement .....	30

# Maintenance

To ensure years of precise performance, maintain this product periodically or 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. Maintain this machine and replace consumable items to prevent quality defects and accidents.

## ⚠ WARNING



- Clean periodically. Debris and dust will accumulate on electrical components when this 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 dilute detergent and thoroughly wrung out. A vacuum cleaner may also be used for cleaning.



- Do not allow liquids to get inside the product. Otherwise there is a risk of failure, electric shock, or fire.

## ⚠ CAUTION



- The UV-LED unit becomes extremely hot. Turn off the LED and wait for the unit to cool before attempting maintenance work.



- For heavy soiling, wipe using a soft cloth soaked in dilute 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 this 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 printing defects (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 printing defects (e.g., nozzle clogging or deflection).
- Be careful to avoid splashing ink or maintenance liquid on the covers. Exposure to splashing ink or maintenance liquid may damage or deform the cover.
- Avoid using chemical products containing benzene, thinner, or abrasives. Use of these chemicals may result in damage to or deformation of parts.
- Do not move the carriage by hand. To move the carriage, use the carriage out function on the menu.

## 2. Maintenance Items and Timing

Timing	Item
Before starting the week's work	Perform white ink maintenance.  <a href="#">"White Ink Maintenance"(P. 7)</a>
At the end of the work week	Clean the wiper and wiper bracket.  <a href="#">"Wiper Cleaning"(P. 7)</a>
	Clean the cap rubber.  <a href="#">"Cap Cleaning"(P. 9)</a>
	Clean the NCU.  <a href="#">"NCU Cleaning"(P. 10)</a>
	Clean the underside of the UV-LED lamp.  <a href="#">"Carriage Underside Cleaning"(P. 11)</a>
	Clean the underside of the carriage.  <a href="#">"Carriage Underside Cleaning"(P. 11)</a>
	Clean the media sensor.  <a href="#">"Media Sensor Cleaning"(P. 14)</a>
	Clean the DAS sensor.  <a href="#">"Automatic Correction Sensor (DAS) Cleaning"(P. 15)</a>
	Clean the media holder.  <a href="#">"Media Holder Cleaning"(P. 16)</a>
	Clean the ink discharge channel.  <a href="#">"Ink Discharge Channel Cleaning"(P. 14)</a>
	Clean the platen.  <a href="#">"Platen Cleaning"(P. 16)</a>
	Clean the cover (exterior).  <a href="#">"Cover (Exterior) Cleaning"(P. 17)</a>
	Check the waste ink levels in the waste ink tank.
When not used for more than a week	Clean the wiper and cap and wash the ink discharge channels. After cleaning, store without turning off the main power supply.  <a href="#">"When Not in Use for Extended Periods"(P. 17)</a>
Periodically	Shake the Ink bottle.  <a href="#">"Ink Maintenance"(P. 6)</a>

## 3. Maintenance

### Items Required for Maintenance

To order replacement consumable items, contact your local dealer or our service office.

Item	Code
F-200/LF-200 Maintenance Liquid Kit	SPC-0569
F-200/LF-200 Maintenance Liquid	SPC-0568
UJ Cleaning Swab	SPC-0386
Cleaning Stick for Head Surrounding	SPC-0527
Nozzle Swab	SPC-0421
Swab 6-axis "S"	A101438
Paper towel	SPC-0499
KIMWIPE S-200	SPA-0207
Maintenance cloth	SPC-0574
UV goggles	SPC-0387
Safety glasses	
Gloves	

For more information on other consumable items, refer to our website.

<https://mimaki.com/supply/inkjet.html>



- Avoid storing this product in locations accessible to children.

### 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.

#### ● White Ink

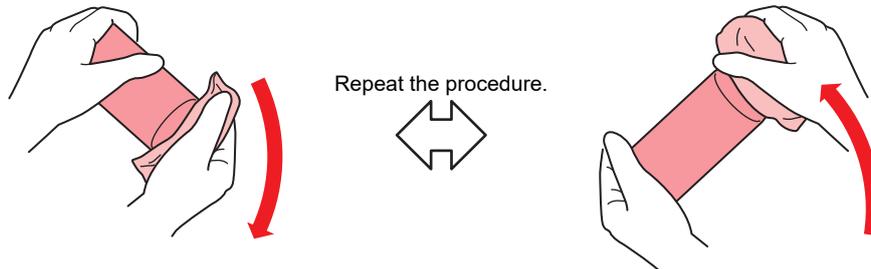
This machine counts the time elapsed after stirring the white ink. The "Shake White Ink Bottle" message appears when a preset count is reached. If the message appears, shake the by following the instructions below:

- Timing when the message appears
  - Every 24 hours (or when the power is turned on if the power was turned off).

## ● 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 paper towel.



- 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.

## White Ink Maintenance

White ink constituents are more easily sedimented than other ink colors. If ink constituents are sedimented, the ink density may become uneven. Perform maintenance once a week as follows before using the machine.

### 1 Shake the white ink Ink bottle.

-  ["Ink Maintenance"\(P. 6\)](#)

### 2 Close the front cover.



- Be sure to close the front cover. Ink stirring starts.

### 3 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.

- The Maintenance menu is displayed.

### 4 Select [White Maintenance], then press the [ENTER] key.

### 5 Remove the media, then press the [ENTER] key.

### 6 Press the [ENTER] key.

- Discharging/filling/cleaning starts automatically.
- The elapsed time is displayed.

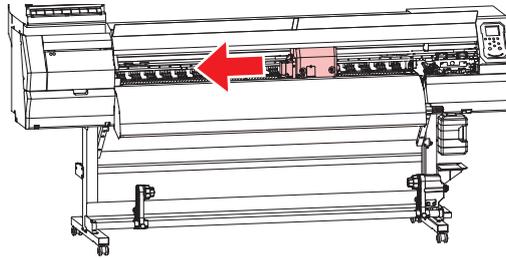
## Wiper Cleaning

The wiper wipes off ink adhering to the print head nozzle surface. Continuing to use the dirty wiper may cause the wiper to which dried ink and dust are attached to rub against the nozzle surface, leading to printing defects (e.g., nozzle clogging or deflection).



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

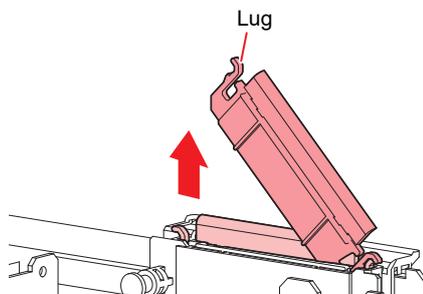
- 1** On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
  - The Maintenance menu is displayed.
- 2** Select [Station] > [Carriage Out] > [Move To Platen Right End ], then press the [ENTER] key.
  - The carriage moves over the platen.



- 3** Open the front cover.

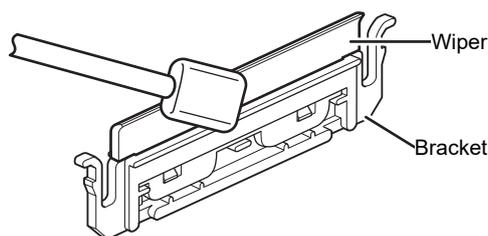
- 4** Pull out the wiper.

- Hold the lug at the rear of the wiper, then tilt forward to pull out the wiper.



- 5** Clean the wiper and bracket.

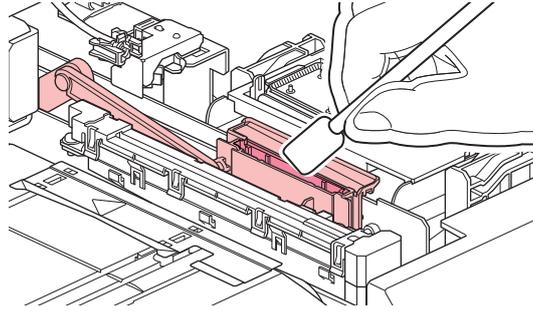
- Wipe off any ink adhering with a clean stick moistened with maintenance liquid.
- Wipe off the maintenance liquid. Make sure none remains.



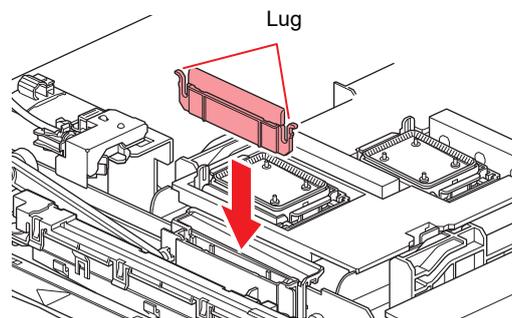
- Replace dirty or warped wipers with new ones. 🖱️ ["Wiper Replacement"\(P. 20\)](#)

## 6 Wipe away any ink or dust adhering to the wiper slider.

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



## 7 Reattach the wiper at the original position.



- Do not remove the absorbent material in the absorbent material case. Doing so may result in leaking ink.

## 8 Once cleaning is complete, close the front cover, then press the [ENTER] key.

### Cap 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 print defects (e.g., nozzle clogging, deflection).



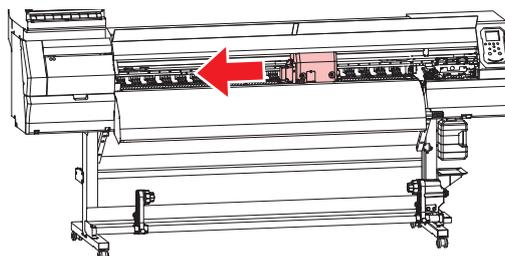
- Be careful to avoid leaving fragments from the cleaning stick behind when cleaning. These fragments will increase the risk of printing defects (e.g., nozzle clogging or deflection).

### 1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.

- The Maintenance menu is displayed.

### 2 Select [Station] > [Carriage Out] > [Move To Platen Right End ], then press the [ENTER] key.

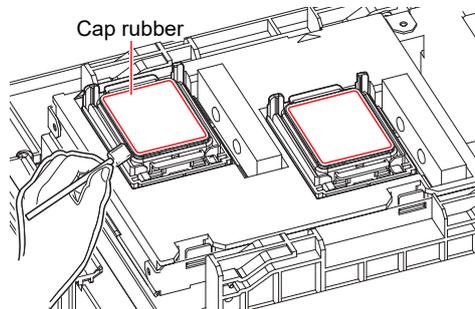
- The carriage moves over the platen.



#### 3 Open the front cover.

#### 4 Clean the cap rubber.

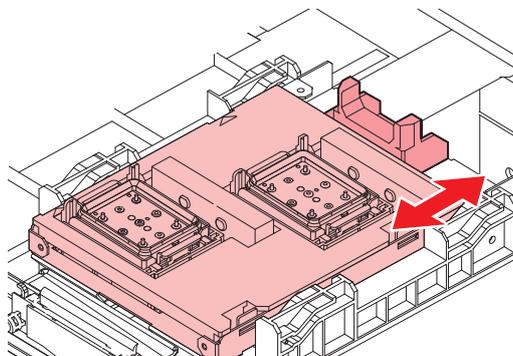
- Wipe off any ink adhering with a clean stick moistened with maintenance liquid.
- Wipe off the maintenance liquid. Make sure none remains.



#### 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.



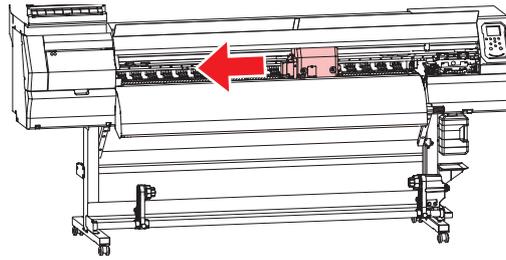
- Be careful to avoid leaving fragments from the cleaning stick behind when cleaning. These fragments will increase the risk of printing defects (e.g., nozzle clogging or deflection).

#### 1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.

- The Maintenance menu is displayed.

## 2 Select [Station] > [Carriage Out] > [Move To Platen Right End ], then press the [ENTER] key.

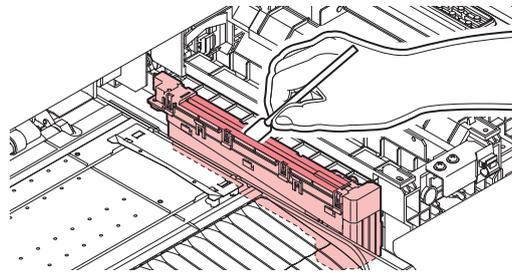
- The carriage moves over the platen.



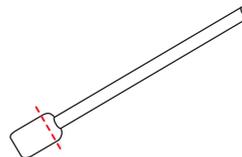
## 3 Open the front cover.

## 4 Wipe away any ink or dust adhering to the NCU.

- Wipe off any ink adhering to the NCU 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 front 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 printing defects (e.g., nozzle clogging or deflection).

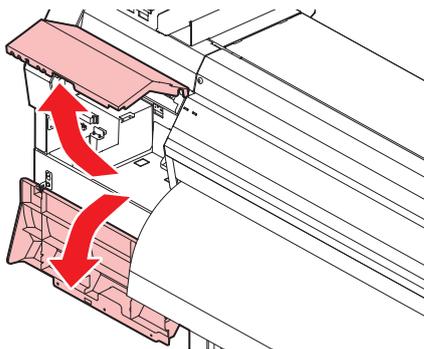
## 1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.

- The Maintenance menu is displayed.

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

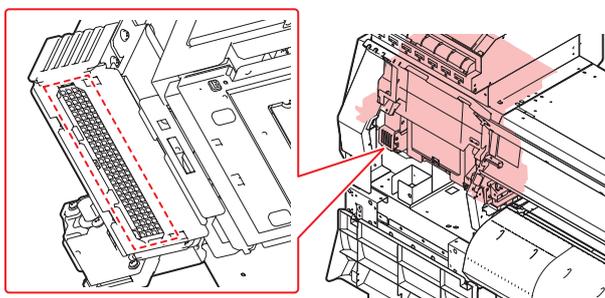
- The carriage moves to the maintenance space.

**3** Open the maintenance cover.



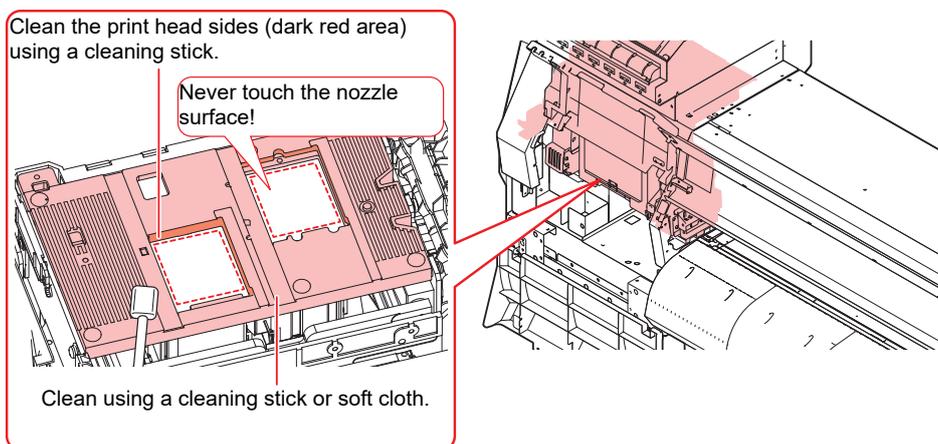
**4** Clean the underside of the UV-LED lamp.

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



**5** Clean around the print head on the underside of the carriage.

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



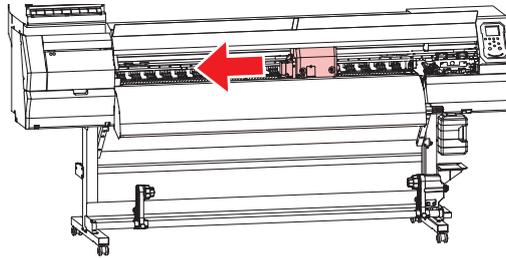
- Never touch the print head nozzle surface.

**6** Once cleaning is complete, close the maintenance covers, then press the [ENTER] key.

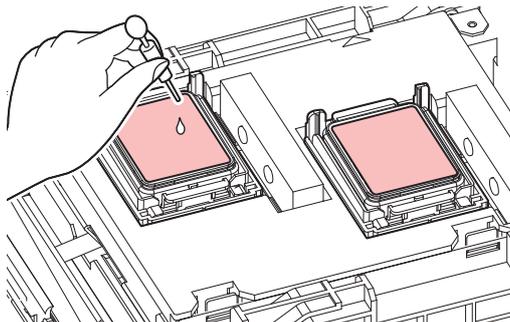
## Print Head Nozzle Washing

If printing defects (e.g., nozzle clogging or deflection) remain unresolved even after head cleaning (Head Cleaning), apply nozzle washing to the print head.

- 1** On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
  - The Maintenance menu is displayed.
- 2** Select [Station] > [Nozzle 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. 7)
- 5** Press the [ENTER] key once cleaning is complete.
  - "Cap Cleaning Completed (Next)[ENT]" appears on the display.
- 6** Clean the cap rubber.
  -  "Cap Cleaning"(P. 9)
- 7** Press the [ENTER] key once cleaning is complete.
  - "Fill the Liquid. Exit Next [ENT]" appears on the display.
- 8** Fill the cap with maintenance liquid.



- 9** Close the front cover, then press the [ENTER] key.
  - Print nozzle washing starts. The elapsed time is displayed on the display. Nozzle washing takes approximately one minute.
  - Cleaning is performed automatically once print nozzle washing has ended.

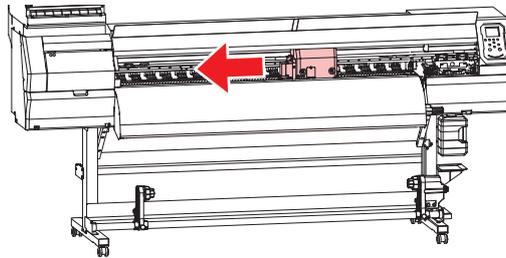


- If print defects (e.g., nozzle clogging, deflection) remain unresolved even after washing the nozzles several times, contact your local dealer or our service office.

## Ink Discharge Channel Cleaning

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

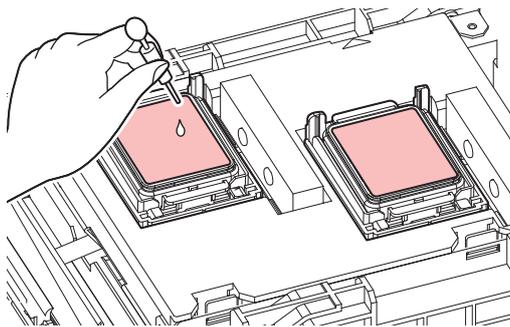
- 1** On the **LOCAL** mode screen, select **[MENU] > [Maintenance]**, then press the **[ENTER]** key.
  - The Maintenance menu is displayed.
- 2** Select **[Station] > [DISWAY WASH]**, then press the **[ENTER]** key.
  - The carriage moves over the platen.



- 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.

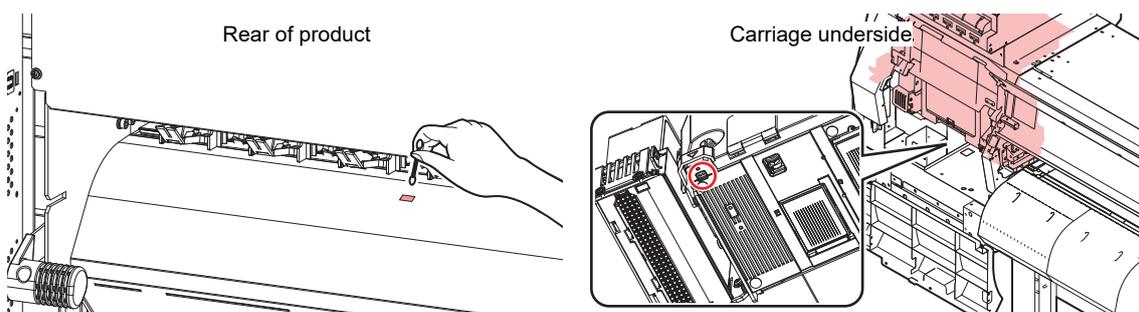


- 5** Close the front cover, then press the **[ENTER]** key.

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

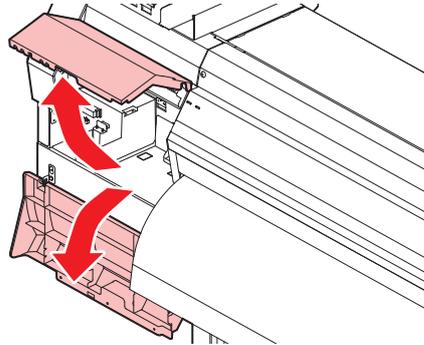
## Media Sensor Cleaning

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], then press the [ENTER] key.
  - The Maintenance menu is displayed.
- 2** Select [Station] > [Carriage Out] > [Move To Maint. Space], then press the [ENTER] key.
  - The carriage moves to the maintenance space.
- 3** Open the maintenance cover.

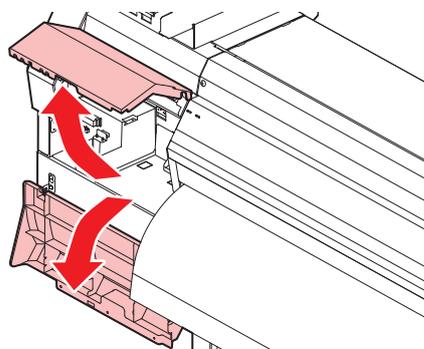


- 4** Clean the media sensor.
- 5** Once cleaning is complete, close the maintenance covers, then press the [ENTER] key.

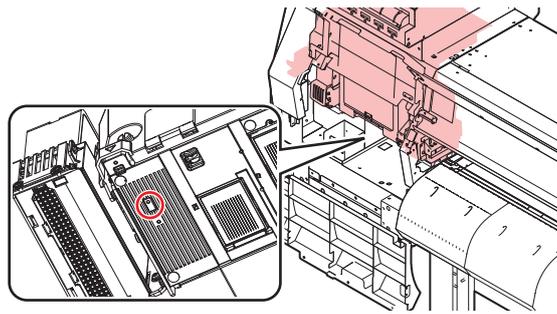
## Automatic Correction Sensor (DAS) Cleaning

The DAS sensor is located on the carriage underside. If dust or debris accumulates on the sensor, an error may occur in the automatic correction function (Automatic correction of drop position). Remove any debris using cotton swabs or a soft cloth.

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



#### 4 Clean the DAS sensor.



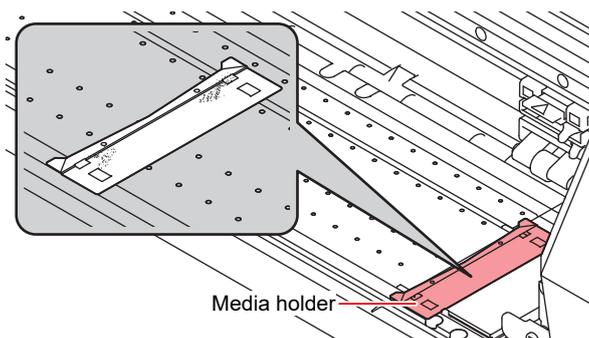
#### 5 Once cleaning is complete, close the maintenance covers, then press the [ENTER] key.

### Media Holder Cleaning



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

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 print defects (e.g., nozzle clogging, deflection).



- Do not allow liquids to get inside the product. Otherwise there is a risk of failure, electric shock, or fire.



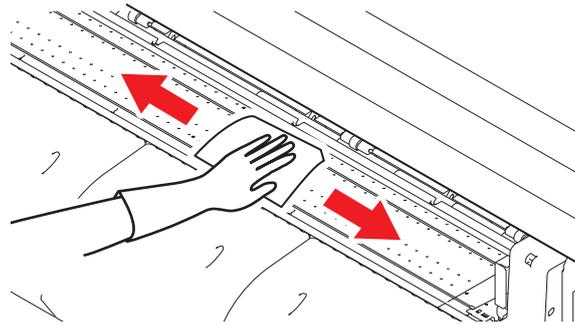
- For heavy soiling, wipe using a soft cloth soaked in dilute detergent and thoroughly wrung out.

### Platen Cleaning



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

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 print defects (e.g., nozzle clogging, deflection).



- Do not allow liquids to get inside the product. Otherwise there is a risk of failure, electric shock, or fire.

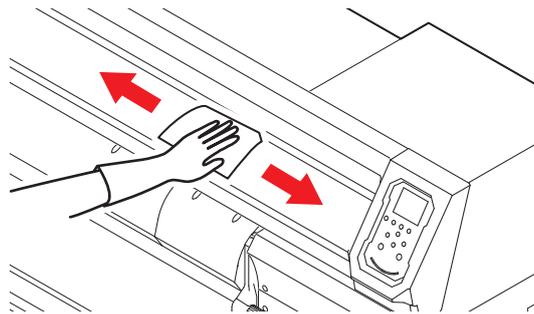


- For heavy soiling, wipe using a soft cloth soaked in dilute detergent and thoroughly wrung out.



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

## Cover (Exterior) Cleaning



- Do not allow liquids to get inside the product. Otherwise there is a risk of failure, electric shock, or fire.



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

## When Not in Use for Extended Periods

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

### Check beforehand

Is [NEAR END] or [INK END] displayed?

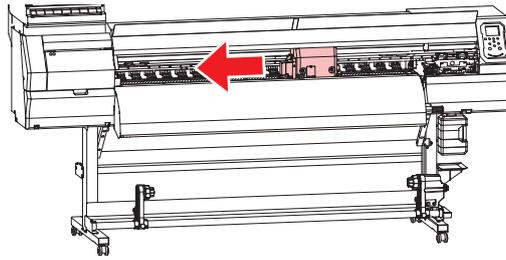
- Maintenance liquid and ink is aspirated during the washing operation. Washing is not possible if an error occurs during this process. Replace with new ink.

**1** On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.

- The Maintenance menu is displayed.

**2** Select [Station] > [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. 7)

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

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

**6** Clean the cap rubber.

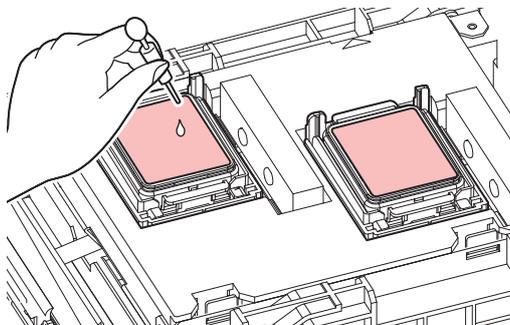
-  "Cap Cleaning"(P. 9)

**7** Press the [ENTER] key once cleaning is complete.

- "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.

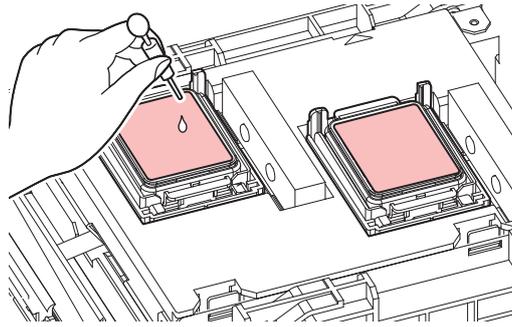


**9** Close the front cover, then press the [ENTER] key.

- Print nozzle washing starts. The elapsed time is displayed on the display. Nozzle washing takes approximately one minute.
- Cleaning is performed automatically once print nozzle washing has ended.

## 10 Fill the cap with maintenance liquid.

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

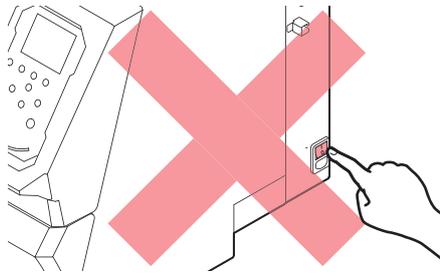


## 11 Close the front cover, then press the [ENTER] key.

- 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 will increase the risk of print defects (e.g., nozzle clogging, deflection).



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



- When this product is not in use, raise the clamp lever to separate the pinch rollers from the grid rollers. Leaving the pinch rollers in the lowered position for an extended period of time may cause the pinch rollers to become deformed. Deformation of the pinch rollers may prevent the media from being fed correctly.



- Perform the following if the "Check Waste Ink Tank" message appears on the display.  
 ➔ ["Waste Ink Tank Replacement"\(P. 24\)](#)

# 4. Consumable Item Replacement

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>



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

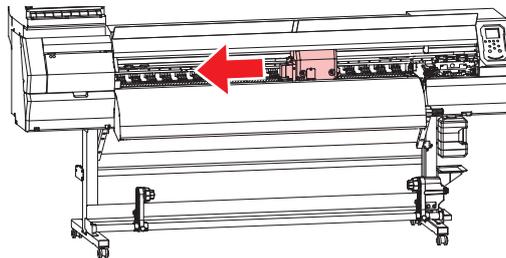


- Avoid storing this product in locations accessible to children.

## Wiper Replacement

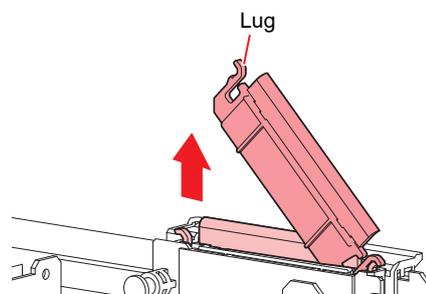
This product maintains a count of the number of wiping cycles. The “Replace Wiper” message appears when a preset count is reached. Replace dirty or warped wipers with new ones.

- 1 “Replace Wiper” appears on the display.
- 2 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
  - The Maintenance menu is displayed.
- 3 Select [Station] > [Replace Wiper], then press the [ENTER] key.
  - The carriage moves over the platen.



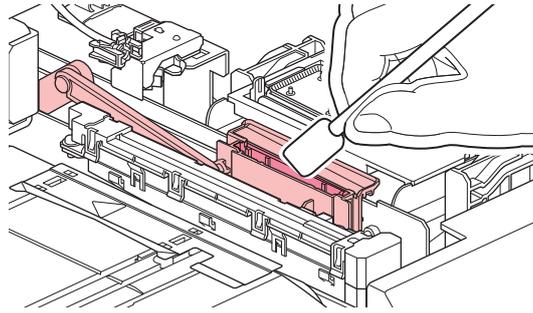
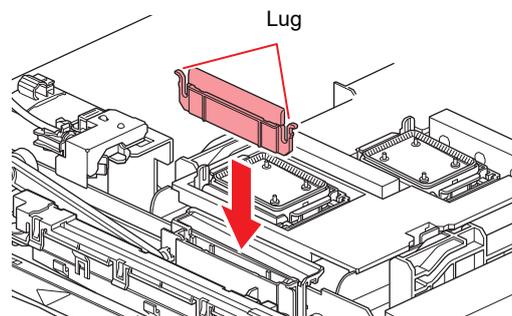
- 4 Open the front cover.

- 5 Pull out the wiper.
  - Hold the lug at the rear of the wiper, then tilt forward to pull out the wiper.



**6 Wipe away any ink or dust adhering to the wiper slider.**

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

**7 Insert a new wiper.****8 Once replacement is complete, close the front cover, then press the [ENTER] key.**

- The wiper usage count is reset.

## Cap Replacement

If print defects (e.g., nozzle clogging, deflection) remain unresolved even after cleaning, replace with a new cap.



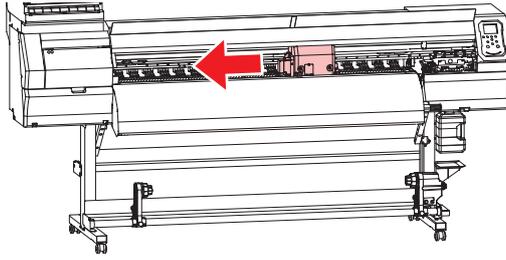
- Be sure to replace the cap if you observe any scratches or other damage on the rim.

**1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.**

- The Maintenance menu is displayed.

### 2 Select [Station] > [Carriage Out] > [Move To Platen Right End ], then press the [ENTER] key.

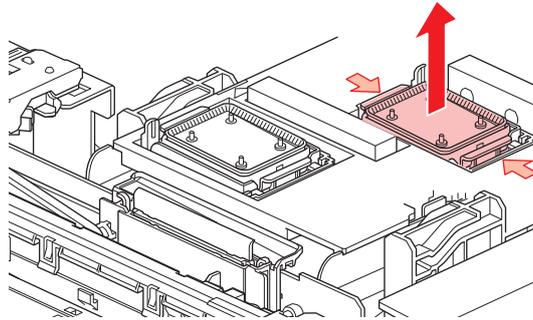
- The carriage moves over the platen.



### 3 Open the front cover.

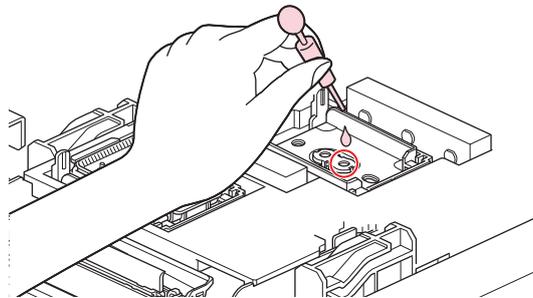
### 4 Remove the cap.

- Squeeze the lugs on either side of the cap and pull off.



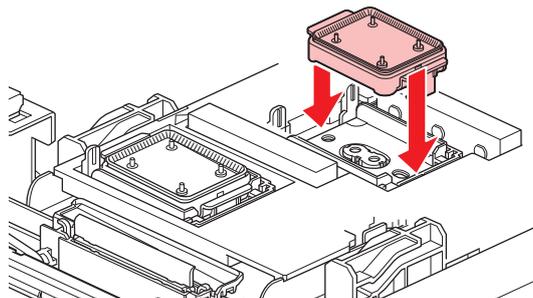
### 5 Apply maintenance liquid.

- Use a syringe to apply two or three drops of maintenance liquid to the hole at the front.



### 6 Attach a new cap.

- Position with the slot at the front and push in until it clicks.

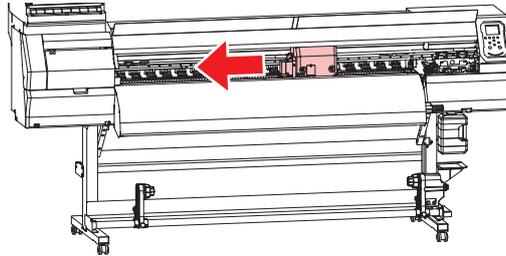


### 7 Once replacement is complete, close the front cover, then press the [ENTER] key.

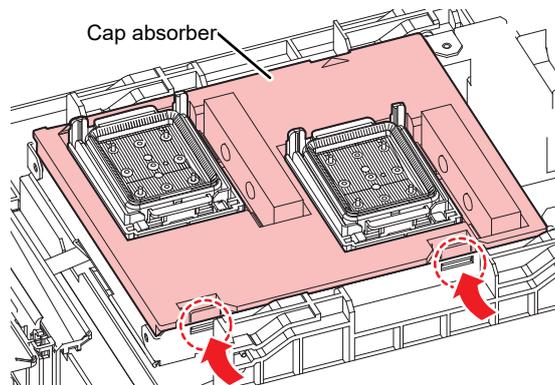
## Cap Absorber Replacement

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

- 1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
  - The Maintenance menu is displayed.
- 2 Select [Station] > [Carriage Out] > [Move To Platen Right End ], then press the [ENTER] key.
  - The carriage moves over the platen.

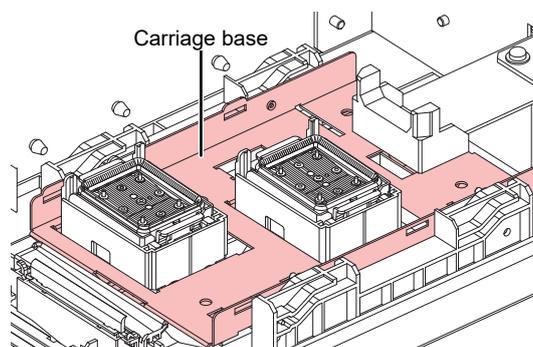


- 3 Turn off the power.
- 4 Open the front cover.
- 5 Remove the cap absorber.
  - Push up the two tabs at the front to remove the cap absorber.



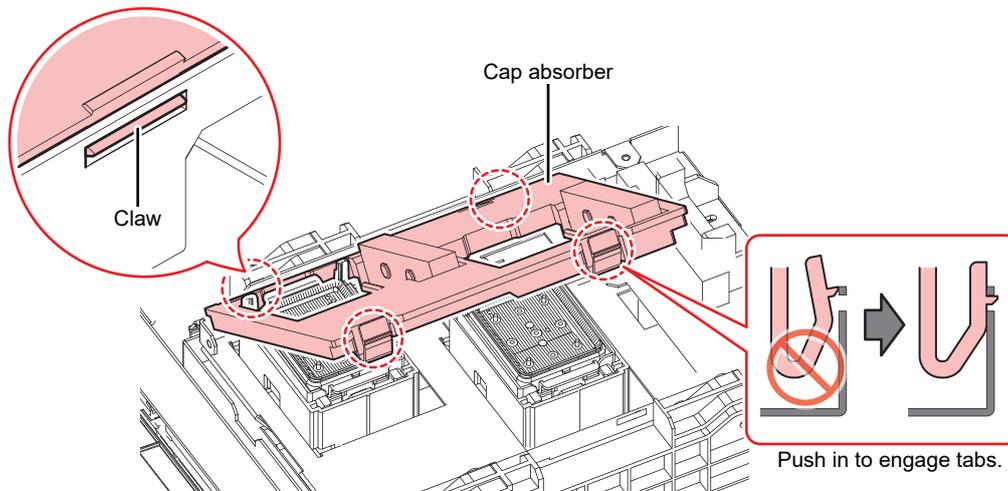
- Avoid ink dripping when removing the cap absorber.

- 6 Clean the carriage base.



## 7 Attach 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, move the wiper back to the rear by hand.

## 9 Close the front cover, then turn on the power.

- Check to confirm that the carriage returns to the station.

## 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 product.

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



- For a 2-liter tank, the preset level is 80 % (1.6 liters).
- 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 this 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.

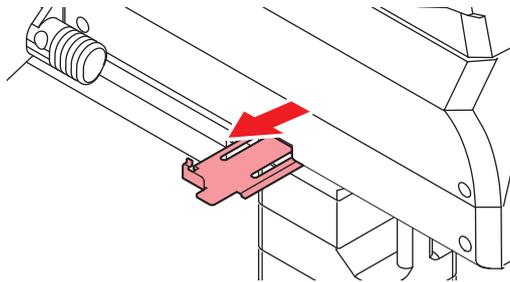
- If you note any discrepancies from actual levels, proceed to the next step.
- If there is no discrepancy, replace (dispose of) the waste ink tank referring to "Replace the waste ink tank."(P. 25).

- 3** On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
  - The Maintenance menu is displayed.
- 4** Select [Waste ink tank], then press the [ENTER] key.
  - “Replace Wasteinktank Level: 80% (1.6L)” appears on the display.
- 5** Select [Adjust Waste Ink Volume], then press the [ENTER] key.
- 6** Press ▲▼ to adjust the level.
- 7** Press the [ENTER] key once adjustment is complete.

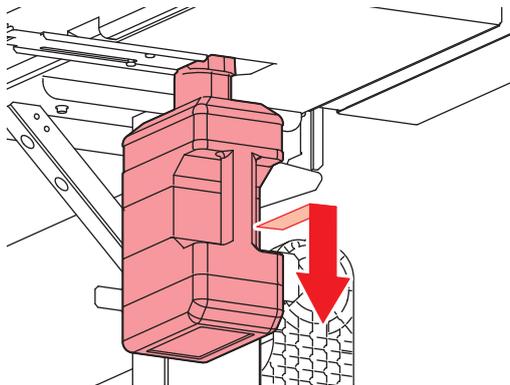
### Replace the waste ink tank.

---

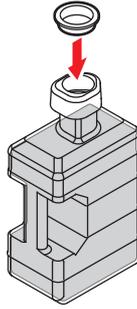
- 1** On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
  - The Maintenance menu is displayed.
- 2** Select [Waste ink tank], then press the [ENTER] key.
  - “Replace Wasteinktank Level: 80% (1.6L)” appears on the display.
- 3** Select [Reset Waste Ink Volume], then press the [ENTER] key.
- 4** Pull the waste ink tank stopper forward.



- 5** Hold the handle on the waste ink tank and slide out.

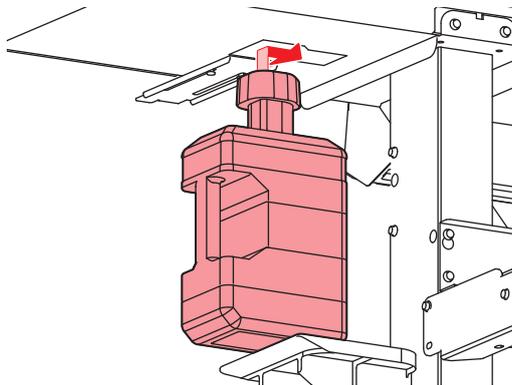


- 6 Attach the cap to the removed waste ink tank, and use tape to prevent leakage of waste ink.

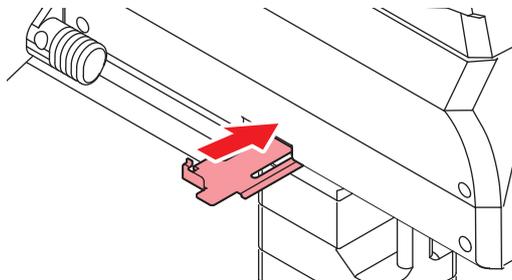


- When disposing of the product, contact an industrial waste disposal operator or dispose of the product in accordance with the local laws and regulations.

- 7 Insert a new waste ink tank.



- 8 Close the waste ink tank stopper.



- 9 Press the [ENTER] key.

- The waste ink level will be reset.

## Pinch Roller Replacement

Replace worn or dirty pinch rollers with new ones.



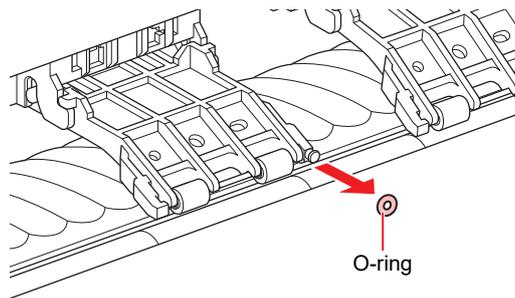
- The pinch rollers are small. Be careful to avoid dropping them into the product interior.



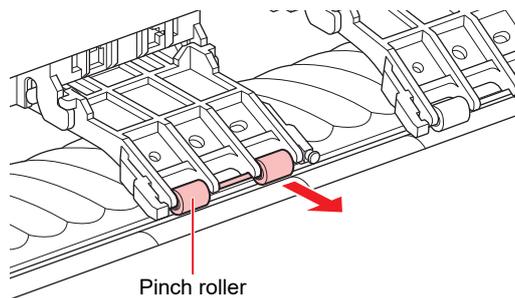
- Turn off the main power and unplug the power cable before replacing the pinch rollers.

- 1 Open the front cover.

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



- 4 Remove the pinch rollers.



- 5 Attach new pinch rollers, and secure them using the O-ring.
- 6 Close the front cover.

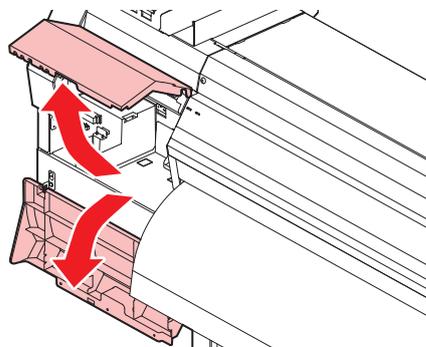
## Media Holder Replacement

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

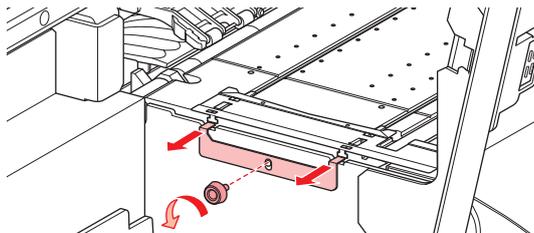


- Turn off the main power and unplug the power cable before replacing the pinch rollers.

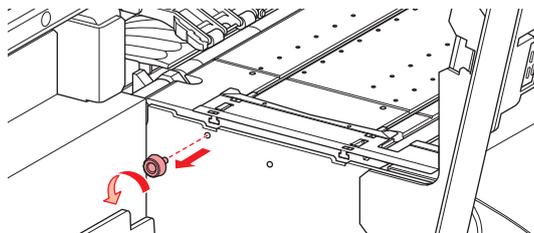
- 1 Open the maintenance covers.



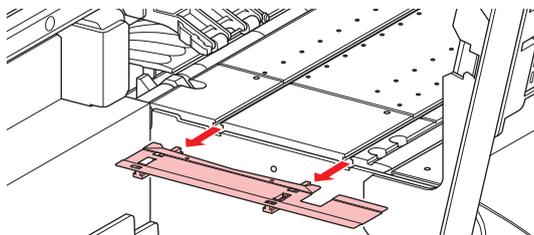
**2** Remove the side screw, and detach the media holder stopper.



- If there is no media stopper, remove the screw shown in the figure.

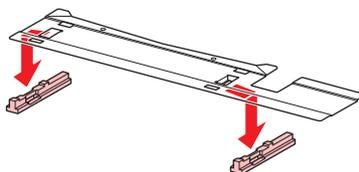


**3** Remove the media holder.



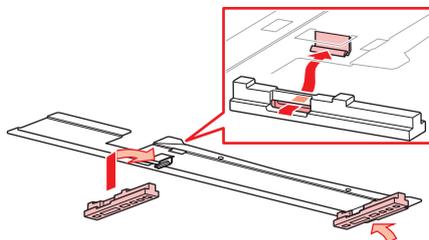
**4** Remove the sliders from the media holder.

- Be careful to avoid misplacing the sliders.

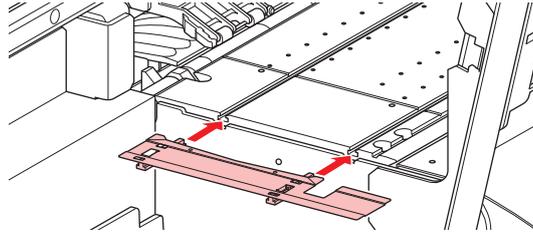


**5** Attach the sliders to the new media holder.

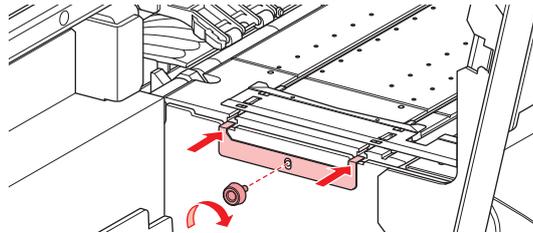
- Engage the holes in the sliders on to the lugs on the media holder.



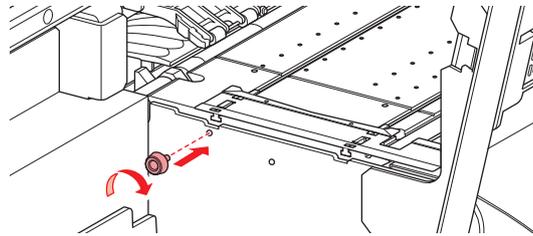
## 6 Insert the new media holder into the platen.



## 7 Secure the media holder stopper with the screw.



- If there is no media stopper, secure the screw in the screw hole shown in the figure.



## 8 Close the maintenance covers.

### Media Cutter Replacement

Replace cutters when blades are chipped or blunt.



- Avoid touching the cutter blade. Failure to do so may result in injury.



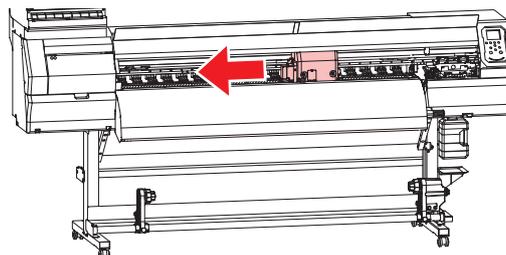
- Avoid storing this product in locations accessible to children.

### 1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.

- The Maintenance menu is displayed.

### 2 Select [Station] > [Carriage Out] > [Move To Platen Right End ], then press the [ENTER] key.

- The carriage moves over the platen.

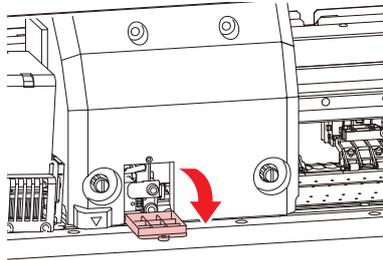


### 3 Open the front cover.



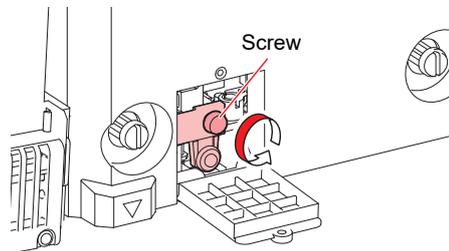
- The carriage can be moved by hand. Move the carriage slowly to a position allowing easy access for replacing the cutter.

### 4 Unscrew the screw, then open the carriage cover hatch.

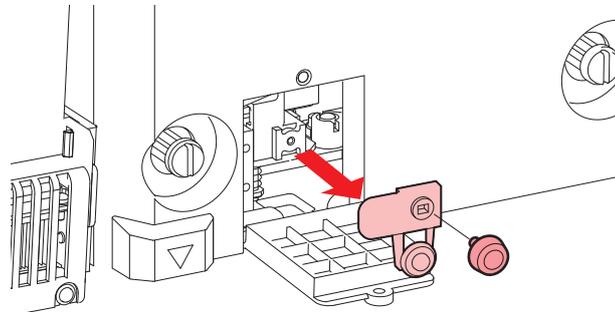


### 5 Replace the media cutter.

- (1) Unscrew the cutter screw.



- (2) Remove the cutter.



- (3) Attach a new cutter.  
(4) Tighten the screw to clamp the cutter.

### 6 Close the carriage cover hatch, then retighten the screw.

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

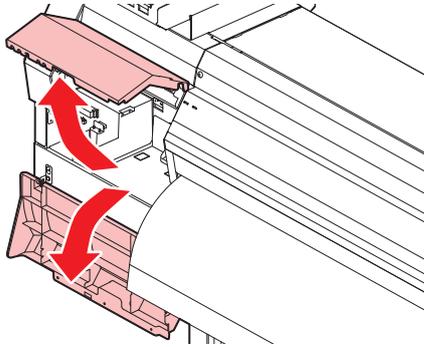


- When disposing of the product, contact an industrial waste disposal operator or dispose of the product in accordance with the local laws and regulations.

## LED Glass Replacement

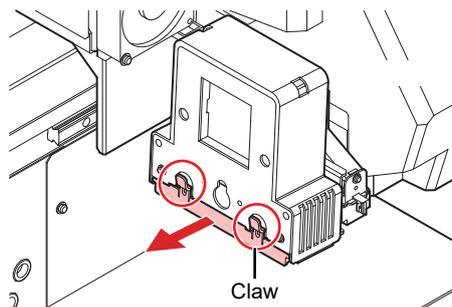
Replace with new LED glass if the ink hardens and the existing LED glass becomes dirty.

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



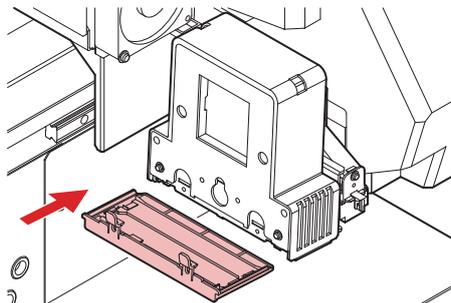
**4** Remove the LED glass.

- Unclip the tabs and slide to the side to remove.
- Be careful not to apply too much force when unclipping the tabs. Disregarding this precaution may result in breakage of the tabs.



**5** Insert new LED glass.

- Insert until it clicks into place. Confirm that the tabs are engaged.



**6** Once replacement is complete, close the maintenance covers, then press the [ENTER] key.







## **Care and maintenance**

---

---

November, 2020

**MIMAKI ENGINEERING CO.,LTD.**

2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN

---

---

D203468-13-10112020

