

**SC-S80600 Series**  
**SC-S60600 Series**  
**SC-S40600 Series**

**Operator's Guide**

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## Notes on Manuals

# Notes on Manuals

## Meaning of Symbols

|   |   |
|---|---|
|  <b>Warning:</b> | Warnings must be followed to avoid serious bodily injury. |
|---|---|

|   |   |
|---|---|
|  <b>Caution:</b> | Cautions must be followed to avoid bodily injury. |
|---|---|

|   |   |
|---|---|
|  <b>Important:</b> | Important must be followed to avoid damage to this product. |
|---|---|

|              |  |
|--------------|--|
| <b>Note:</b> | Notes contain useful or additional information on the operation of this product. |
|--------------|--|

|   |                                      |
|---|--------------------------------------|
|  | Indicates related reference content. |
|---|--------------------------------------|

## Illustrations

Unless otherwise specified, the illustrations in this manual are for the SC-S40600 Series.

The illustrations may differ slightly from the model you are using. Please be aware of this when using the manual.

## Video Manuals

These video manuals have been uploaded to YouTube and show you how to load media and perform maintenance.

To view the video manuals, click [Epson Video Manuals] from the top page of *Online Manuals* or follow the steps below.

Opening Online Manuals  *General Information* (PDF)

Access the following QR codes from a smartphone or tablet device.

SC-S40600 Series



SC-S60600 Series



SC-S80600 Series



- 1 Access YouTube (<http://youtube.com>).
- 2 Enter [Epson Video Manuals (LFP)] in the search bar at the top of the screen.
- 3 Click [Epson Video Manuals (LFP)] in the search results.
- 4 Select the video you want to view from the list for the model you are using.

### Notes on Manuals

If the subtitles are not displayed when you play the video, click the subtitles icon shown in the image below.

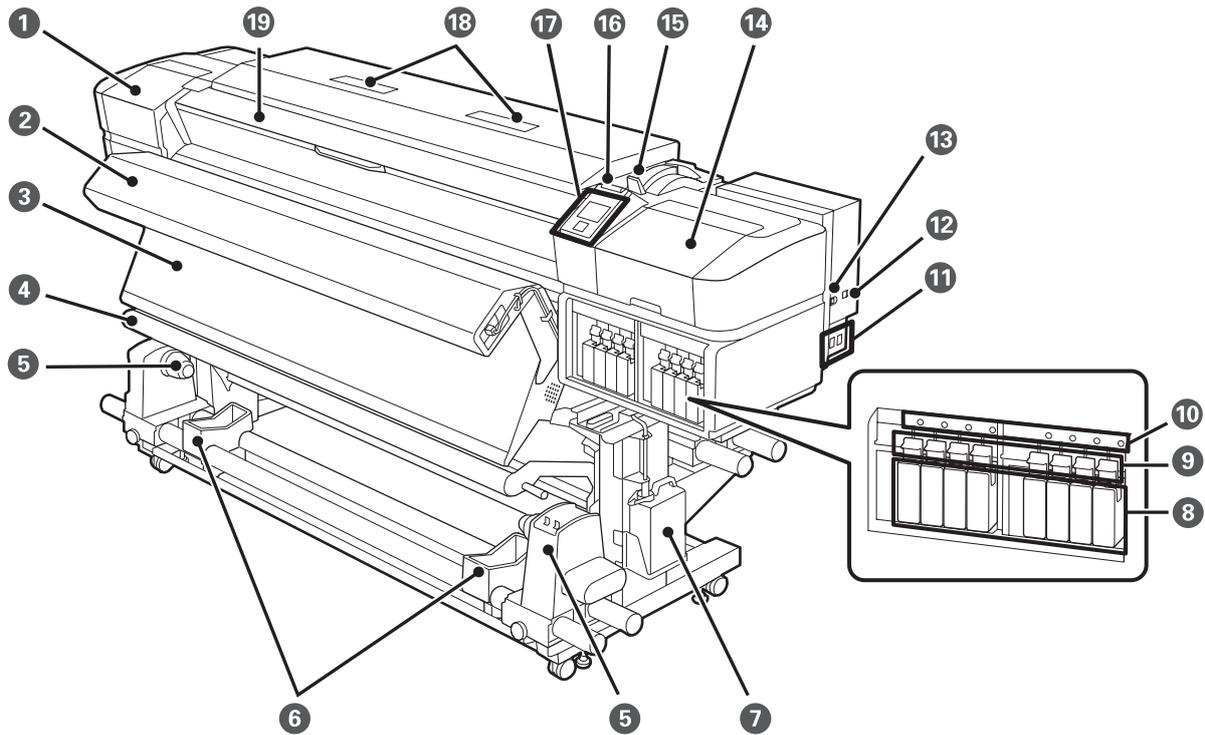


Part Names

# Part Names

## Front Section

The illustration shows the SC-S60600 Series.



- |  |                                      |                       |
|--|--------------------------------------|-----------------------|
| ① Maintenance cover (left)                     | ⑧ Ink cartridges* <sup>2</sup>       | ⑮ Media loading lever |
| ② Additional print drying system* <sup>1</sup> | ⑨ Lock lever* <sup>2</sup>           | ⑯ Alert lamp          |
| ③ After heater                                 | ⑩ Cartridge check lamp* <sup>2</sup> | ⑰ Control panel       |
| ④ Tension bar                                  | ⑪ AC inlets #1/#2                    | ⑱ Air filters         |
| ⑤ Roll core holders left/right                 | ⑫ LAN port                           | ⑲ Front cover         |
| ⑥ Roll supports (x2)                           | ⑬ USB port                           |                       |
| ⑦ Waste ink bottle                             | ⑭ Maintenance cover (right)          |                       |

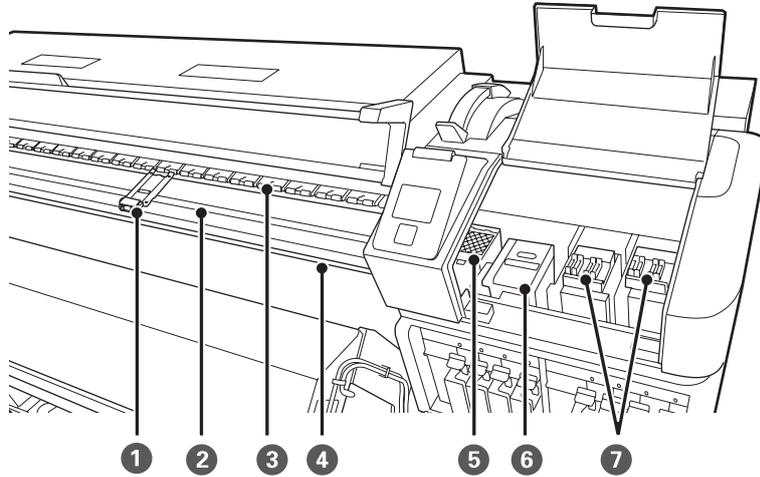
\*<sup>1</sup> SC-S60600 Series is standard equipment. SC-S40600 Series or SC-S80600 Series is an option item.

\*<sup>2</sup> The SC-S40600 Series only has a block on the right.

**Part Names**

**Inside**

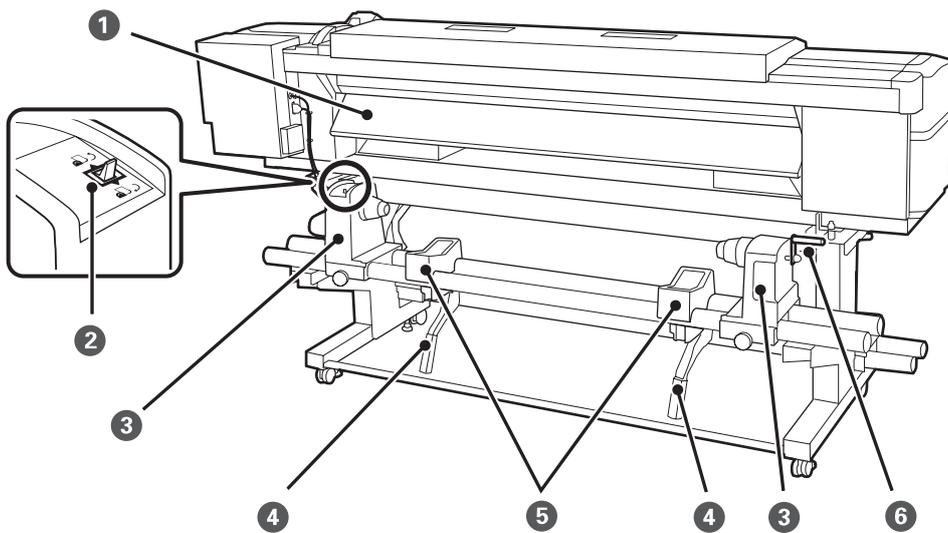
The illustration shows the SC-S60600 Series.



- ① Media edge plates (x2)
- ② Platen heater
- ③ Pressure rollers
- ④ Cutter groove
- ⑤ Flushing pad
- ⑥ Wiper unit
- ⑦ Caps \*1

\*1 Only on the right for the SC-S40600 Series.

**Back**



- ① Pre-heater
- ② Drive switch
- ③ Roll holders left/right
- ④ Lift lever (x2)
- ⑤ Roll supports (x2)
- ⑥ Handle

## Basic Operations

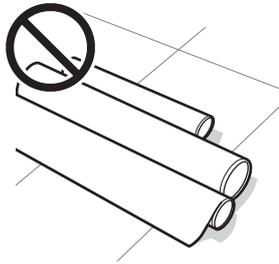
# Basic Operations

## Notes on Loading Media

If the following points are not observed when handling media, small amounts of dust and lint may stick to the media surface and cause ink drops in the print results.

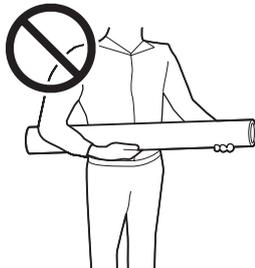
**Do not place exposed media directly on the floor.**

Media should be rewound and inserted in its original packaging for storage.



**Do not carry media with the media surface pressed against clothing.**

Handle media in its individual packaging until just before loading the media in the printer.



## Notes on Loading Media

**⚠ Caution:**

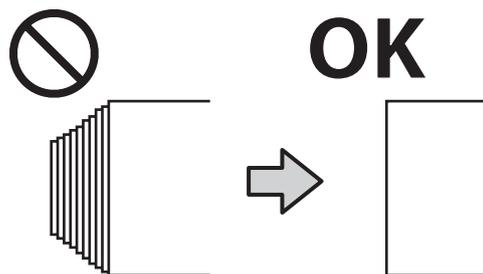
- ❑ *The heaters and media edge plate may be hot; observe all necessary precautions. Failure to observe the necessary precautions could result in burns.*
- ❑ *Because the media is heavy, it should not be carried by one person.*
- ❑ *Be careful not to trap your hands or fingers when opening or closing the front cover. Failure to observe this precaution could result in injury.*
- ❑ *Do not rub your hands along the edges of the media. The edges of the media are sharp and can cause injury.*

**Load the media just before printing.**

The pressure rollers may crease media left in the printer. The media may also become wavy or curled, causing jams or resulting in the print head striking the media.

**Do not load media if the right and left edges are uneven.**

If media is loaded and the right and left edges of the roll are uneven, media feeding problems may cause the media to move around during printing. Either rewind to align the edges or use a roll without any issues.



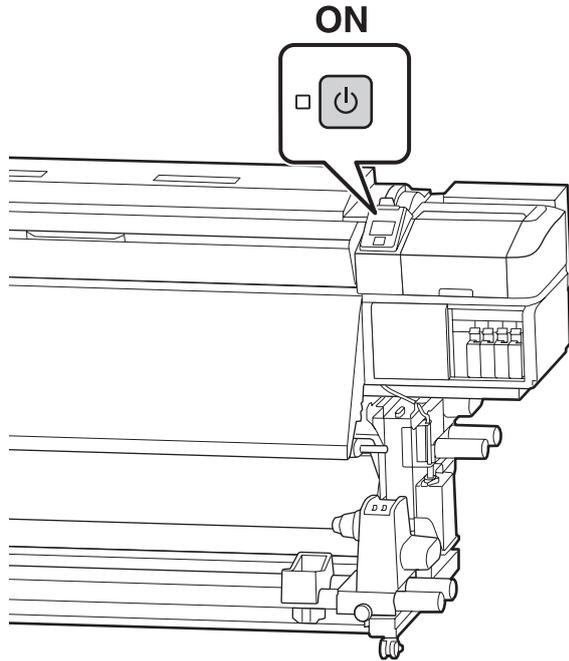
## Loading media

You can check the procedure in a video on YouTube.

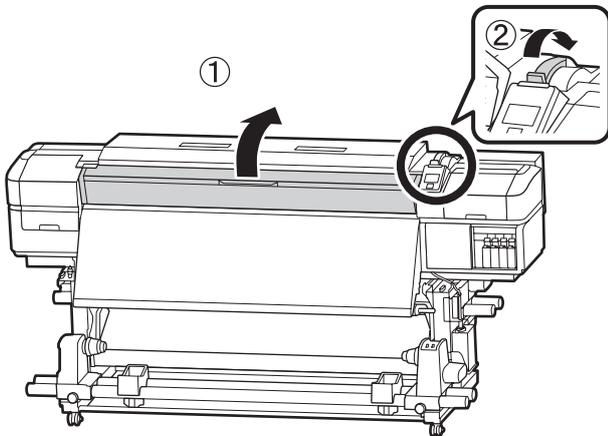
 ["Video Manuals" on page 4](#)

### Basic Operations

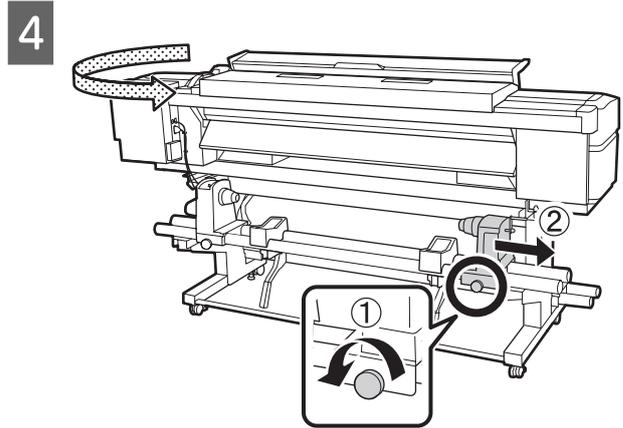
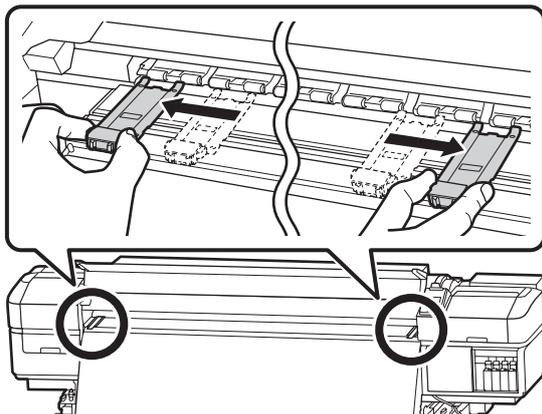
- 1 Press the  button, and then wait until **Load media.** is displayed on the screen.



- 2 Open the front cover, and then raise the Media loading lever.

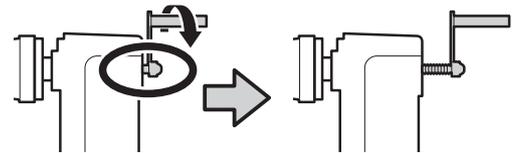


- 3 While holding the tabs of the media edge plate on both sides, move the plate out of the way toward both edges of the platen.

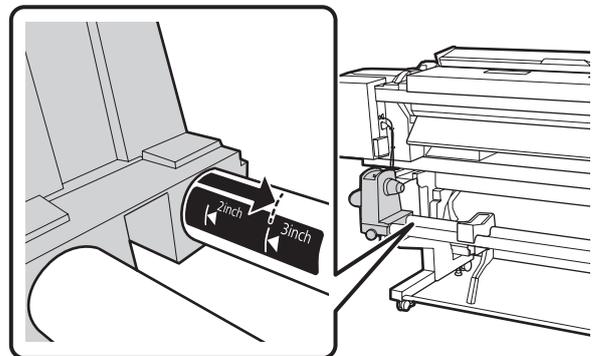


**!** **Important:**

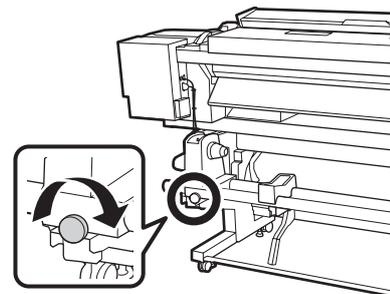
*If the right holder handle shaft is not visible, rotate the handle forward until it stops. The media can not be properly loaded if the handle shaft is not visible.*



- 5 Move the roll holder to the set position according to the roll size of the media that will be loaded.

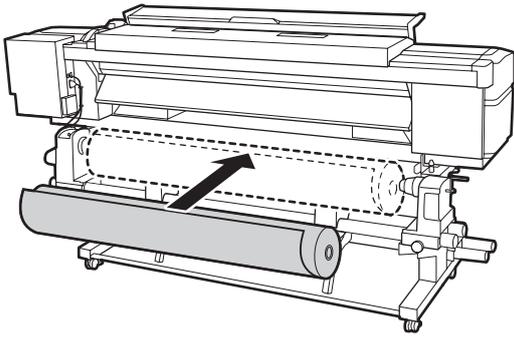


- 6 Tighten the screw until the screw no longer turns.



### Basic Operations

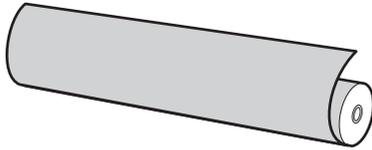
7



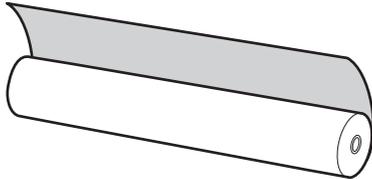
**Note:**

The method of placing the roll media varies as follows depending on how media is rolled.

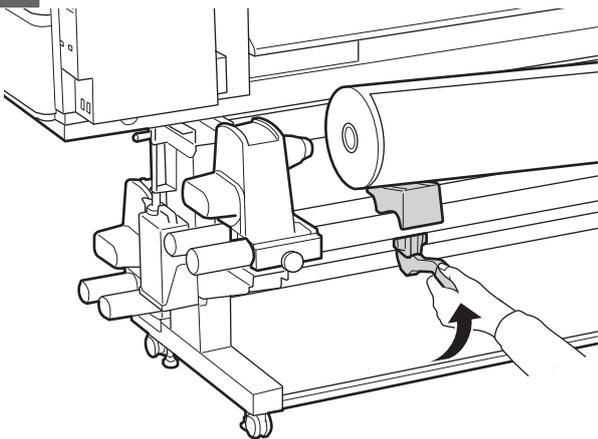
**Printable Side Out**



**Printable Side In**

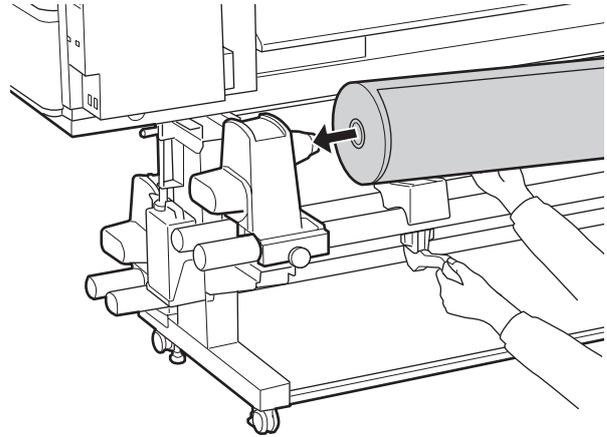


8



9

Firmly insert the roll core of the media onto the roll holder.

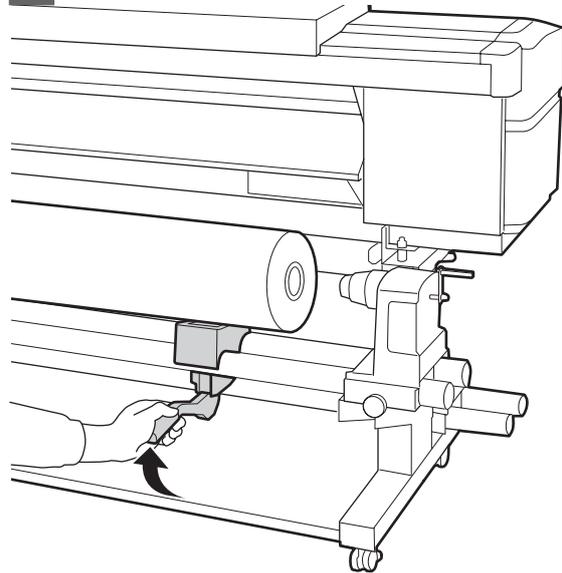


**Note:**

If the roll of media has an outer diameter which is less than 140 mm, the roll core will not reach the holder when raised using the lift lever.

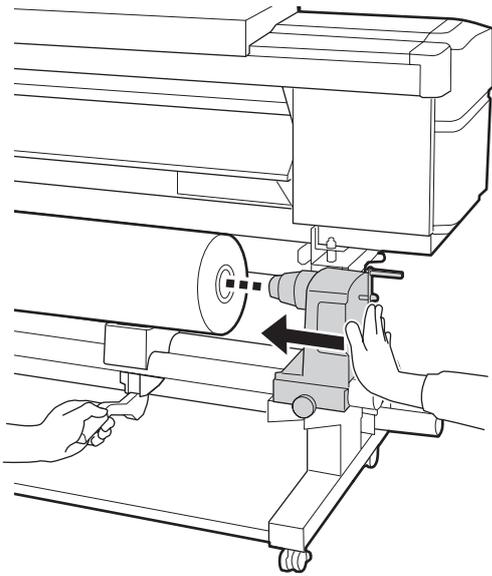
Raise it with your hands, and insert the roll core onto the roll holder.

10



**Basic Operations**

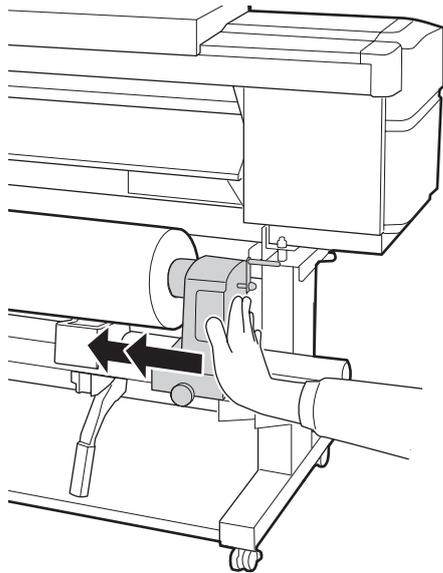
**11**



**Note:**  
 If the roll of media has an outer diameter which is less than 140 mm, the roll core will not reach the holder when raised using the lift lever.  
 Raise it with your hands, and insert the roll core onto the roll holder.

**12**

To ensure the roll holder is inserted into the roll core sufficiently, push it twice.



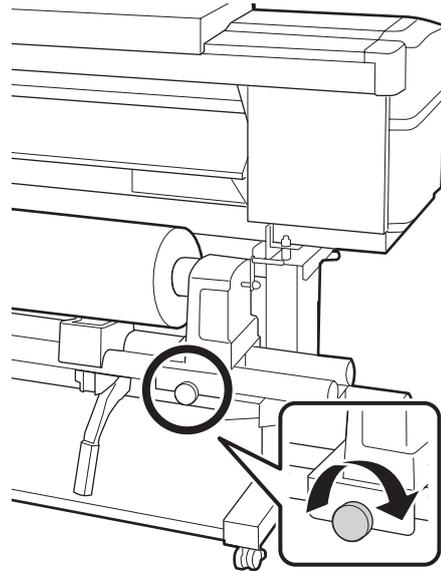
**! Important:**

If the roll holder is inserted into the roll core insufficiently, media is not fed correctly during printing because of slippage between the roll holder and roll core.

This may cause banding in the print results.

**13**

Tighten the screw until the screw no longer turns.

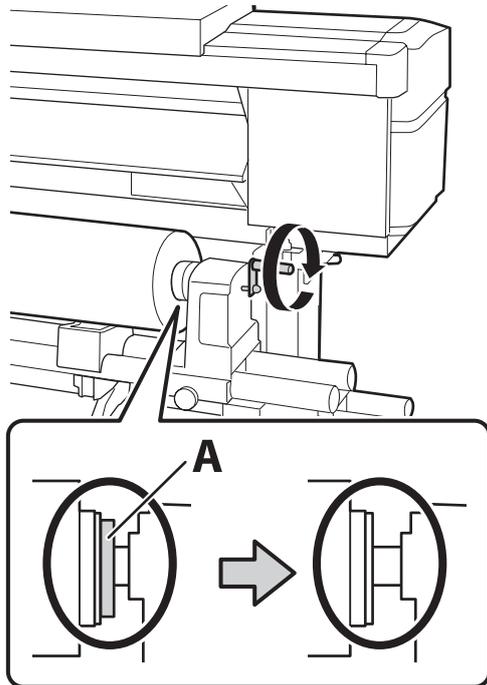


**! Important:**

- If the roll holder screw is loose, the roll holder may move during printing. This could cause stripes and unevenness in the print results.
- If the right and left edges of the roll are not aligned, realign them.

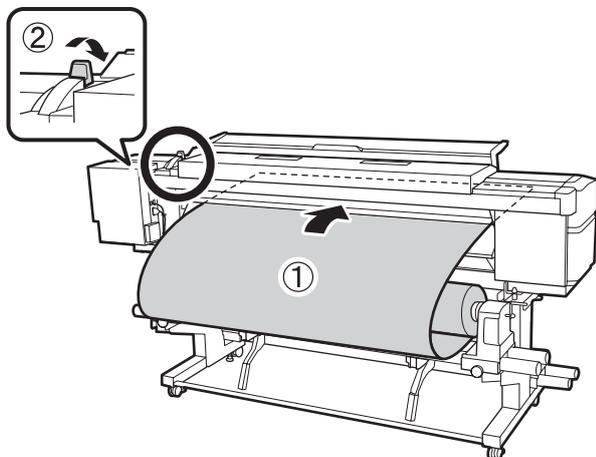
Basic Operations

- 14** Rotate the handle until part A in the illustration below is fully inserted.



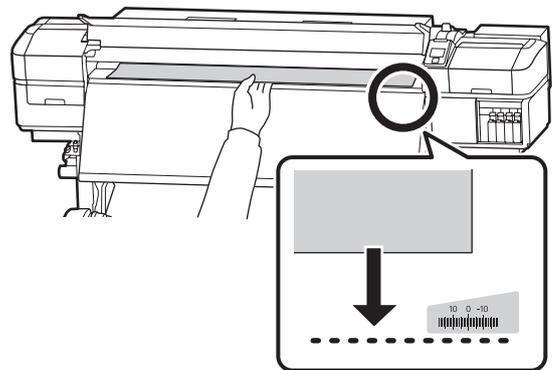
**! Important:**  
 Once part A is hidden, do not turn the handle any further. Failure to observe this precaution could damage the roll holder.  
 If part A is still visible even after the handle has been turned fully, rewind the handle. Loosen the roll holder screw on the right side, and then restart from Step 4.

- 15** Insert the media approximately 30 cm into the opening, then lower the media loading lever.

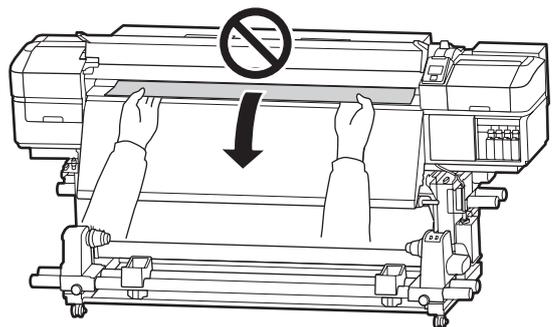


- 16**
- 
- The diagram shows the printer with the media partially inserted. A hand is pulling the media straight into the machine. A callout box labeled '2' shows a close-up of the media being aligned with the bottom edge of a label on the after heater.

- 17** Hold the center of the media in one hand, and pull it straight until it is aligned with the bottom edge of the label on the after heater.

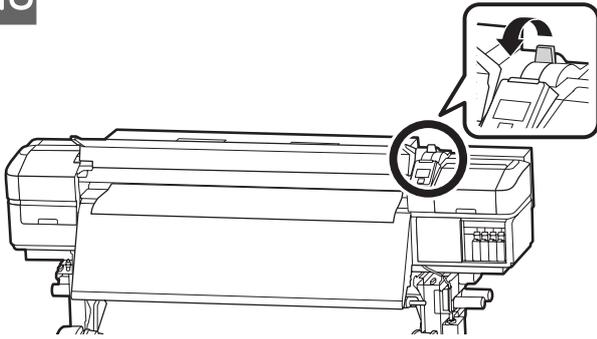


Do not pull the media with both hands. This could cause the media to skew or move around.



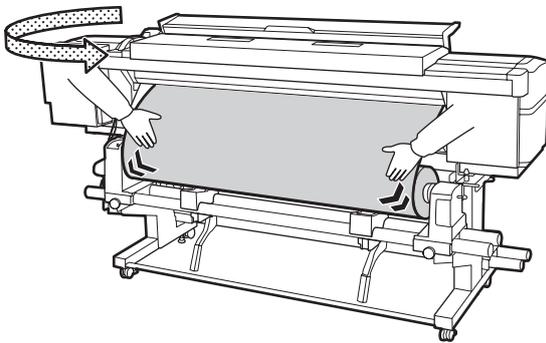
**Basic Operations**

**18**



**19**

Tap lightly on both ends of the media, and check if there is a difference in tension between the left and right sides.



If there is a difference in tension, the media becomes loose.

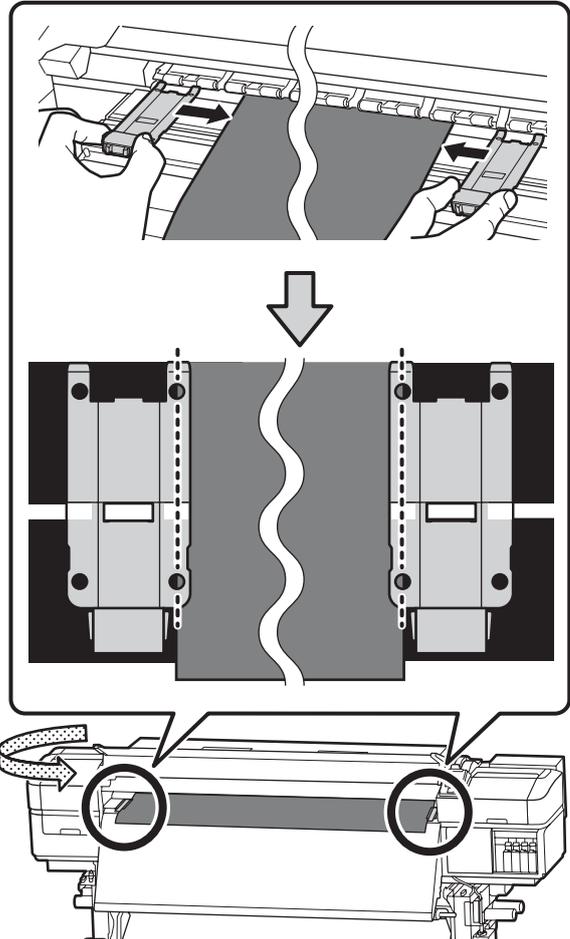
From the front of the printer, raise the media loading lever, and correct the looseness in the media.

Once the looseness is corrected, lower the media loading lever.

**20**

While holding the tabs of the media edge plates on both sides, move the plate to the edge of the media.

Adjust so that the edges of the media are aligned with the center of the round holes in the media edge plates.

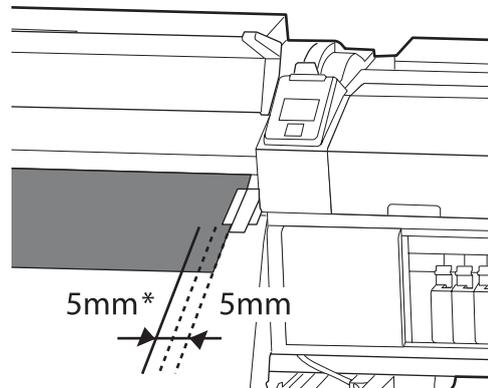


## Basic Operations

**! Important:**

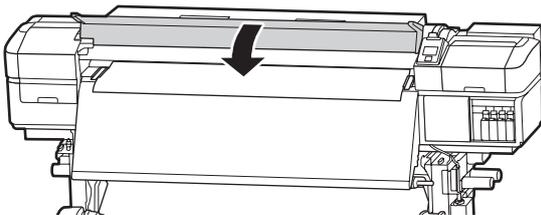
- ❑ Do not use the media edge plates with media that is 0.4 mm or thicker. The media edge plates could touch and damage the print head.
- ❑ Always position the plates so that the edges of the media are at the centers of the round holes. Incorrect positioning causes banding (horizontal banding, tint unevenness, or stripes) during printing.
- ❑ Move the media edge plates to the left and right edges of the platen when they are not in use.
- ❑ Do not use the media edge plates if the sides of the printed media are smudged or torn.

When not using media edge plates, the print start position is approximately 5 mm from the right edge of the media.



- \* The default setting is 5 mm. You can change the distance by changing the settings for **Print Start Position** or **Side Margin(Right)** from the setup menu.

21



Details on the setup menu [User's Guide \(Online Manual\)](#)

Media Size Check OFF: Position indicated on the after heater

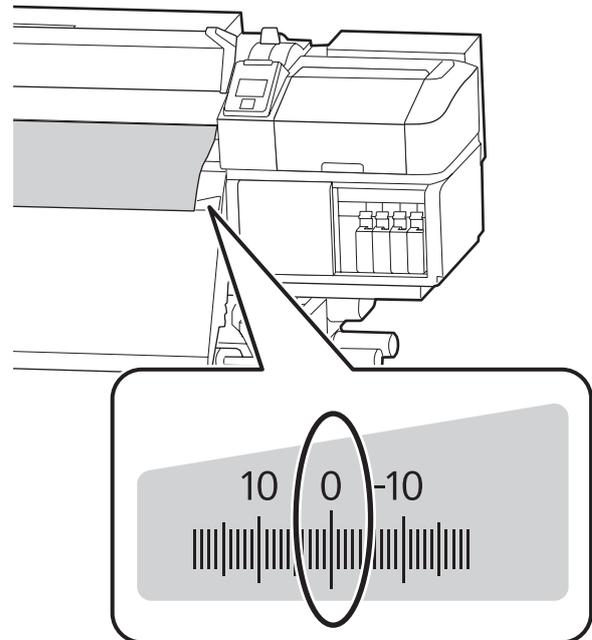
## Print Start Position

### Right Print Start Position

Positions vary with the option selected for **Media Size Check**, as shown below. The factory default setting is ON.

Media Size Check ON: 10 mm in from the right edge of the media

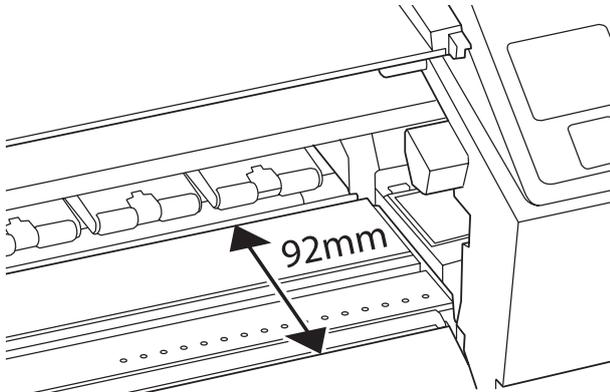
When using media edge plates, the print start position is approximately 10 mm from the right edge of the media as shown in the following illustration.



## Basic Operations

### Top Print Start Position

The top print start position is approximately 92 mm inside the printer from the cutter groove.

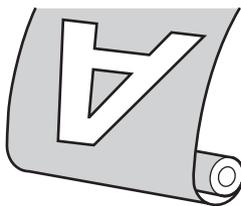


## Using the Auto Take-up Reel Unit

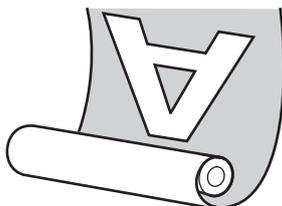
The Auto Take-up Reel Unit automatically takes up media as it is printed. This improves the efficiency of unmanned operation.

The Auto Take-up Reel Unit for this printer can take up media in either of the following directions.

Printed side out



Printed side in



Taking-up with printed side out places the printed surface on the outside of the roll.

Taking-up with printed side in places the printed surface on the inside of the roll.

You can check the procedure in a video on YouTube.

 ["Video Manuals" on page 4](#)

### **Caution:**

- Follow the instructions in the manual when loading media or roll cores or removing the take-up roll. Dropping media, roll cores, or take-up rolls could result in injury.
- Be sure that your hands or hair do not get caught in the Media Feeding Unit or Auto Take-up Reel Unit while it is operating. Failure to observe this precaution could result in injury.

## Attaching the Roll Core

### Preparing

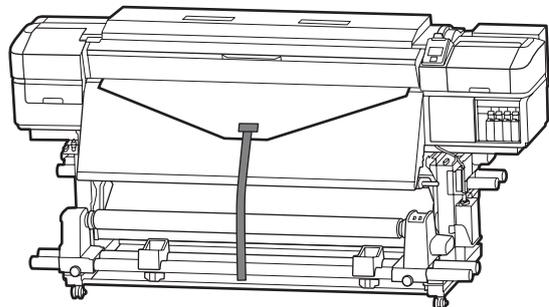
**Use a roll core that is longer than the width of the media.**

This allows the media to be taken up without protruding from the core.

**Prepare the supplied paper tape.**

We recommend this method for attaching media to the roll core due to the following advantages.

- It allows you to prevent misalignment of the roll at the left and the right edges, and to prevent the media from moving around, which provides a stable printing length for print jobs.
- Media is not wasted.
- Media can be easily removed from the roll core after winding.

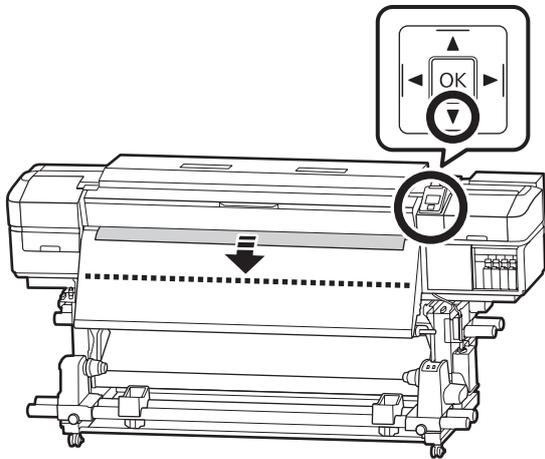


When the supplied paper tape runs out, purchase commercially available paper tape with a width of 20 to 25 mm (that is not easily stretched or cut). If you do not have any paper tape, cut media into pieces that are 20 to 25 mm wide and approximately 70 cm long.

## Basic Operations

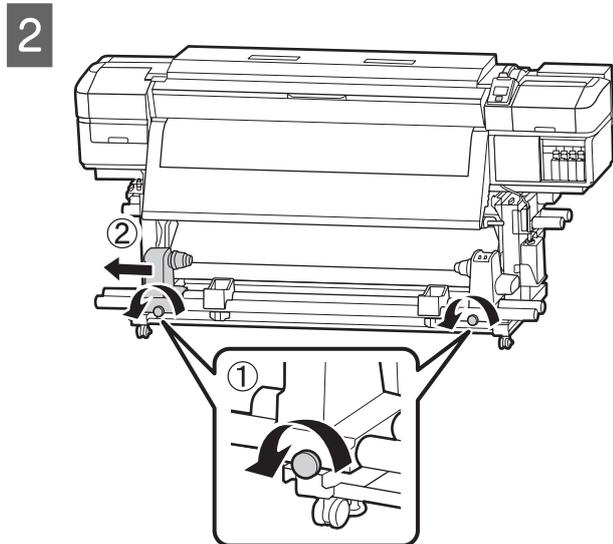
### Loading

- 1** Keep the ▼ button pressed until the leading edge of the media reaches the center of the after heater.

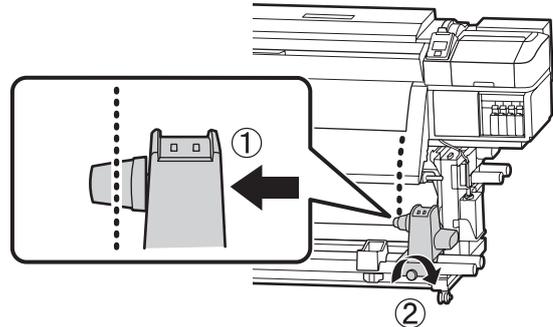


**! Important:**

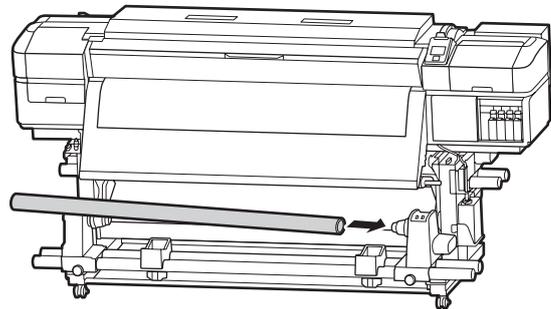
Always press the ▼ button to feed the media. If the media is pulled by hand, the media may twist during take-up.



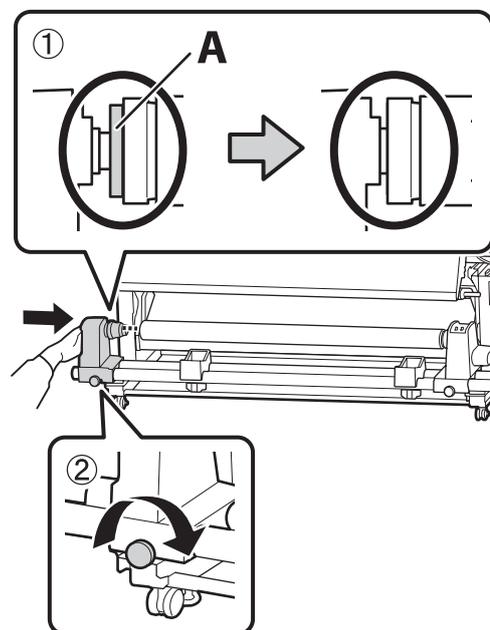
- 3** Align the roll core holder with the right edge of the media, and tighten the screw.



- 4** Insert the roll core onto the right holder.



- 5** Push the holder until part A shown in the illustration below is fully inserted, and tighten the screw.



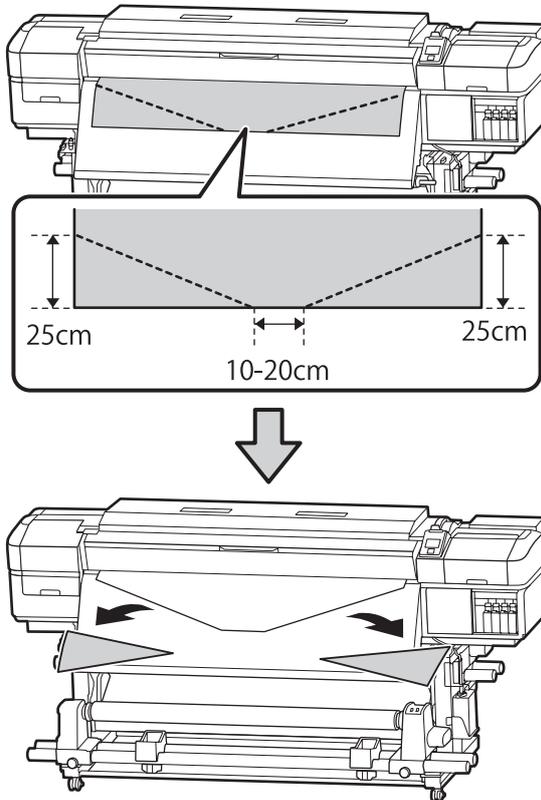
**! Important:**

Stop when part A is no longer visible. The take-up reel unit may not function as expected if the holder is inserted too far.

## Basic Operations

- 6** Leave a 10 to 20 cm wide section in the center of the media, and cut at least 25 cm in height from the left and right corners of the media.

Cutting the media prevents feeding problems, such as the left and right corners of media being folded and caught at the start of take-up.



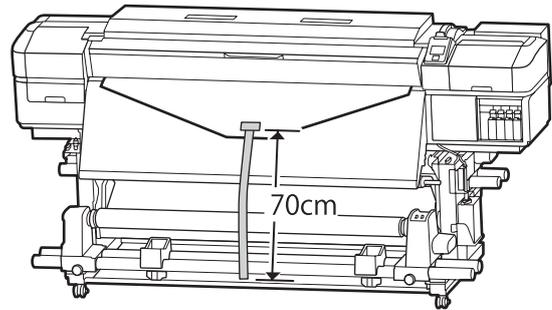
See either of the following steps depending on how the media is rolled.

For information on taking-up with printed side out, see [“Take-up with the Printed Side Facing Out”](#) on page 17.

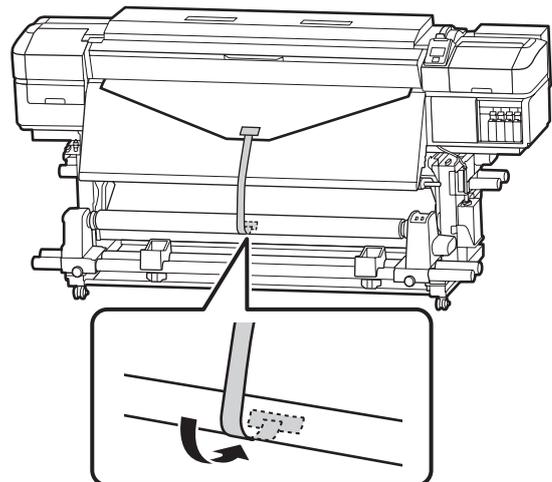
For information on taking-up with printed side in, see [“Take-up with the Printed Side Facing In”](#) on page 18.

## Take-up with the Printed Side Facing Out

- 1** Cut the paper tape approximately 70 cm in length, and paste it approximately in the center of the media using commercially available adhesive tape.



- 2** While pulling the paper tape straight down, wrap it around the roll core from front to back, and affix it using commercially available adhesive tape.

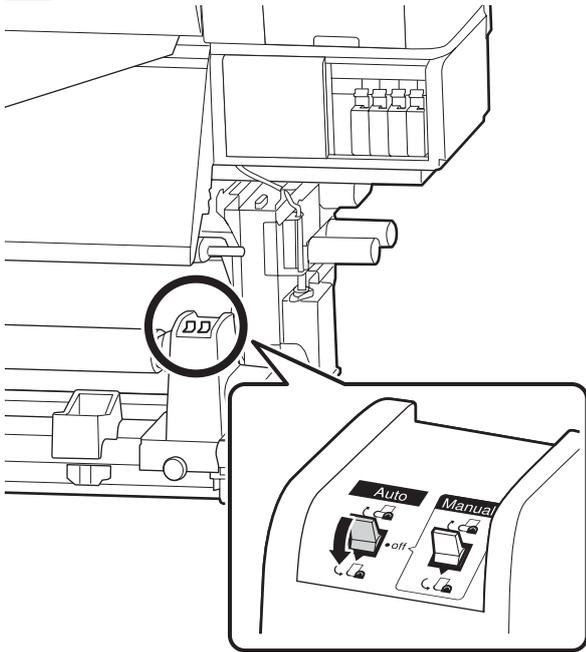


### **!** Important:

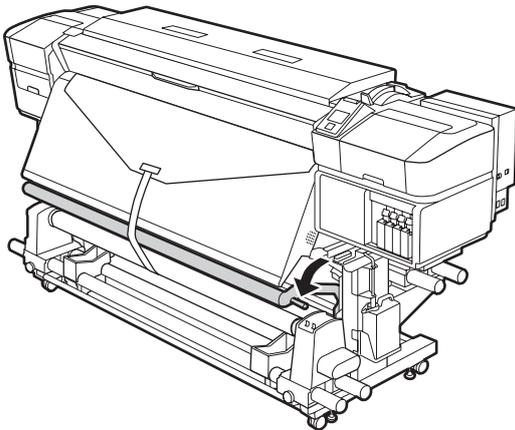
Attach the paper tape to the take up roll core with the media in a taut state. If paper tape is attached in a loose state, the media may move around during take-up.

## Basic Operations

- 3** Flip the Auto switch to .

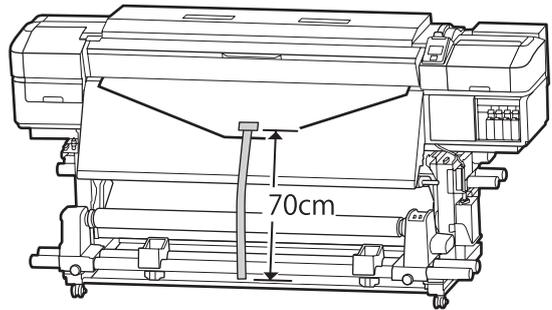


- 4** Lower the tension bar until it slightly touches the paper tape.

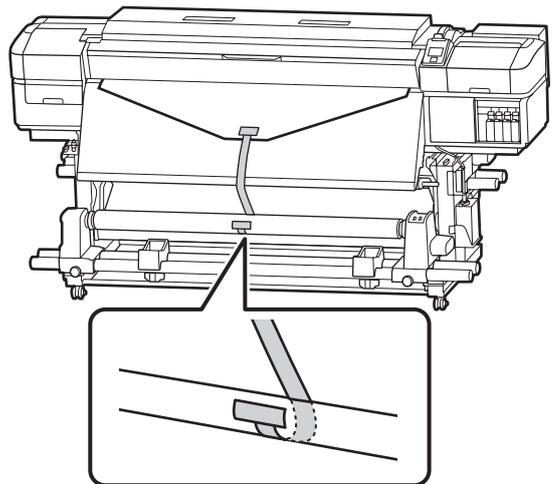


## Take-up with the Printed Side Facing In

- 1** Cut the paper tape approximately 70 cm in length, and paste it approximately in the center of the media using commercially available adhesive tape.



- 2** While pulling the paper tape straight down, wrap it around the roll core from back to front, and affix it using commercially available adhesive tape.

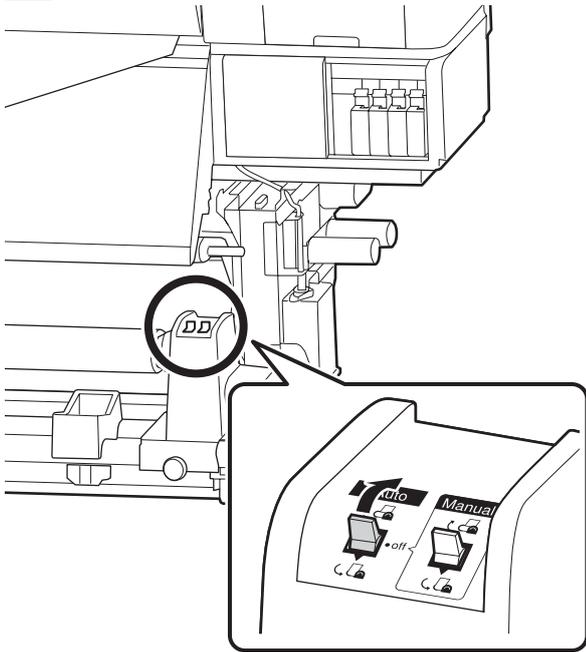


**!** **Important:**

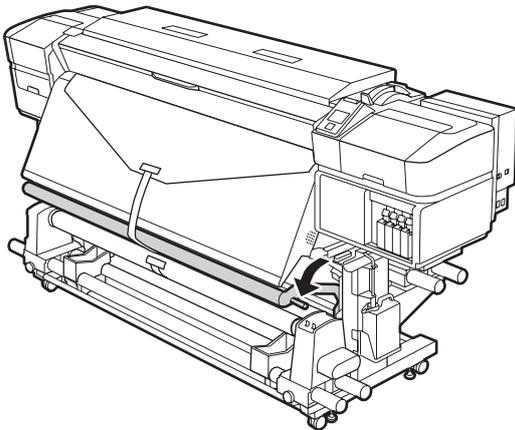
Attach the paper tape to the take up roll core with the media in a taut state. If paper tape is attached in a loose state, the media may move around during take-up.

## Basic Operations

- 3** Flip the Auto switch to .



- 4** Lower the tension bar until it slightly touches the paper tape.



## Settings for Loaded Media

When you have finished loading the media, follow the instructions on the control panel to make settings for the loaded media.

### 1. Select the media setting number

Select the media setting number to which the print settings have been registered.



### 2. Select the roll winding specifications

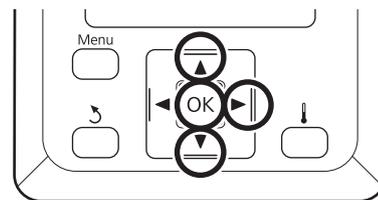
Select the roll type for the loaded media roll.



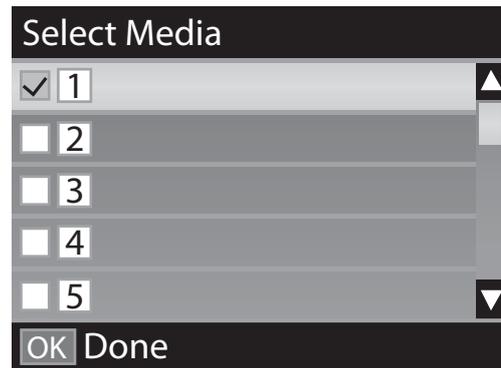
### 3. Set the media length

Set the length of the loaded media.

Buttons that are used in the following settings



- 1** Use the ▼/▲ buttons to select the media setting number to which the print settings have been registered, and then press the OK button.

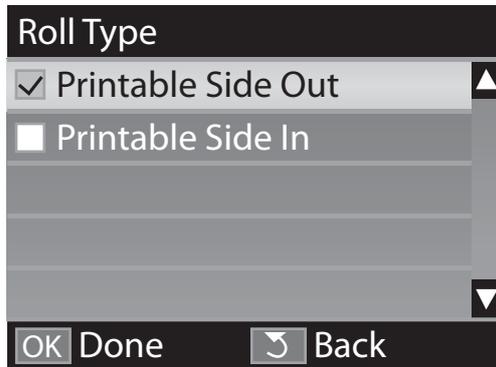


If media settings have not yet been made for new media, select an unassigned number, finish loading the media, and then perform Easy Media Setup.

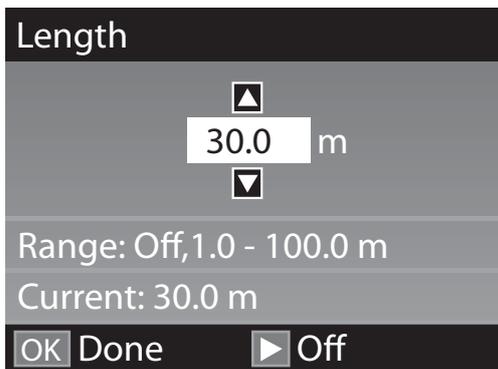
Making Media Settings  *User's Guide* (Online Manual)

## Basic Operations

- 2 Use the ▼/▲ buttons to select the roll type that matches the loaded roll, and then press the OK button.



- 3 The screen where you can enter the length of the loaded media is displayed. Use the ▼/▲ buttons to choose a length between 1.0 and 100.0 m and press the OK button.



Set the value when remaining amount of media is printed on the roll.

Press the ► button if you want to select **OFF**. If you select **OFF**, the remaining amount is not calculated.

**Note:**

**Two functions are enabled in Remaining Setup - ON**

*The following two functions give you a rough idea of the amount of media available before printing, making it easier to know when media requires replacement.*

- Showing Amount of Media Remaining**  
*The control panel display shows the approximate amount of media remaining based on the length set for the media and the amount used during printing.*
- Remaining Alert**  
*A warning is displayed when the amount of media remaining reaches a specified level.*

The printer will display **Ready** after a brief pause, showing that it is ready to print. Transmit the data to be printed from the computer.

## Removing the Take-up Roll

Follow the steps below when replacing the media.

**1. Print the remaining amount of media. (When Media Remaining is set to ON)**



**2. Cut the media.**



**3. Remove the media.**

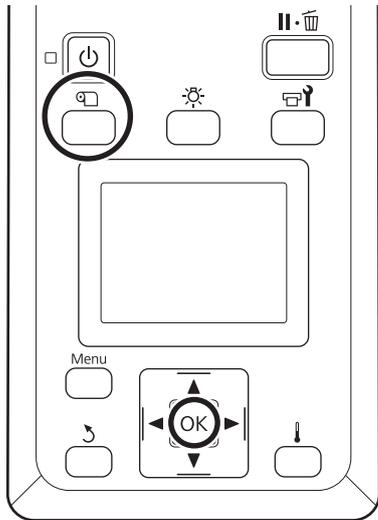
## Printing the Amount of Media Remaining

By printing the remaining amount on the media being removed, you can check this value the next time the media is loaded and enter the media length. This is useful for accurate management of the amount of media remaining. The remaining amount cannot be printed when **Remaining Setup** is set to **OFF**.

The following section describes how to print the amount of media remaining.

## Basic Operations

Buttons that are used in the following settings



- 1 Confirm that the printer is ready to print.
- 2 Press the  button, select **Media Remaining**, and then press the OK button.
- 3 Select **Print Remaining Length** and press the OK button.
- 4 Press the OK button to print the amount of media remaining.

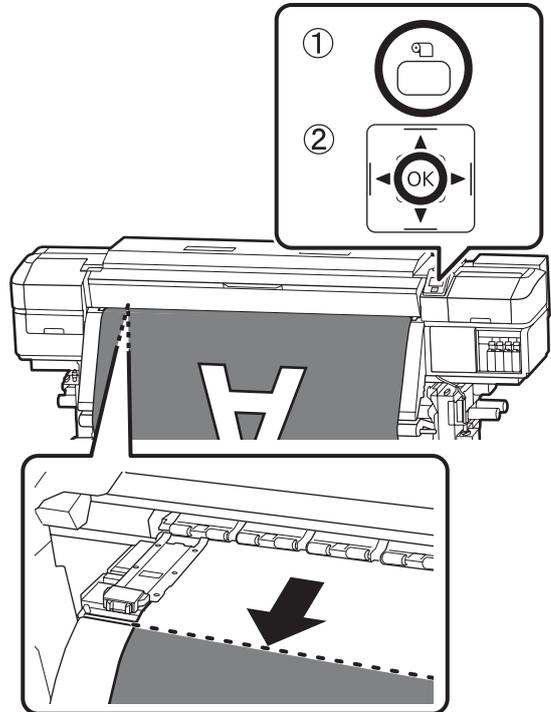
## Cutting Media

 **Caution:**

- ❑ *The heaters and media edge plate may be hot; observe all necessary precautions. Failure to observe the necessary precautions could result in burns.*
- ❑ *When cutting media, be careful not to cut your fingers or hands with the cutter or other blades.*

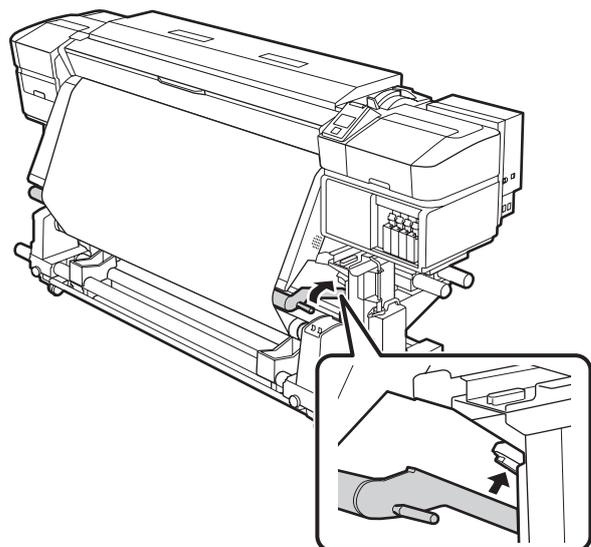
- 1 Press the  button, select **Feed To Cut Position**, and then press the OK button.

The trailing edge of the print is fed to the cut position (cutter groove).



If you have printed the amount of media remaining, press the  button to rewind the media so that this information will remain on the unprinted roll after the media is cut.

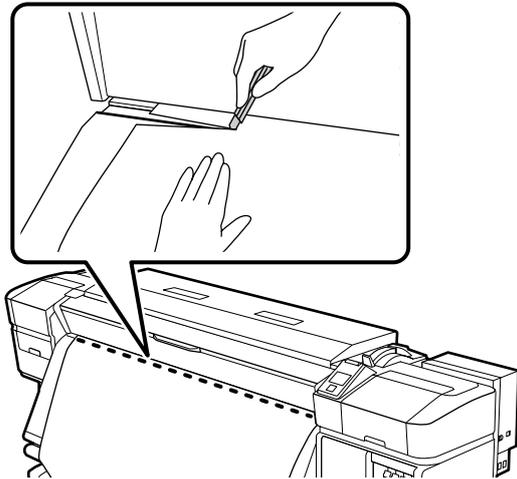
- 2 When using the Auto Take-up Reel Unit, raise the tension bar.



## Basic Operations

- 3** Hold the cutter vertically, and then move it so that the cutter blade fits closely to the side surface of the cutter groove.

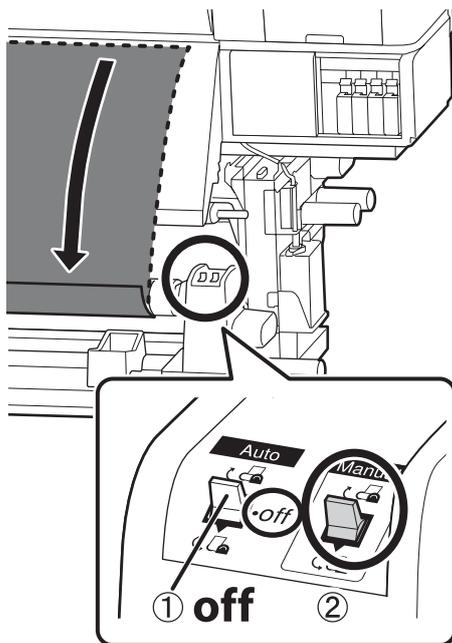
When work cannot be performed properly, such as when your hand hits the front cover, open the front cover, and then cut.



**! Important:**

When cutting the media, make sure the media has not risen up inside the front cover or come free from the media edge plate before proceeding to the next print.

- 4** Set the Auto switch to Off. Take up the cut media completely by operating the Manual switch according to how the media is rolled.

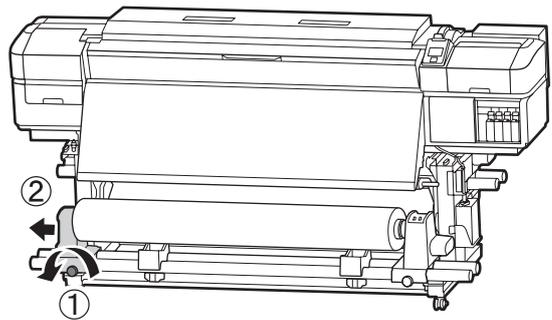


## Removing Media

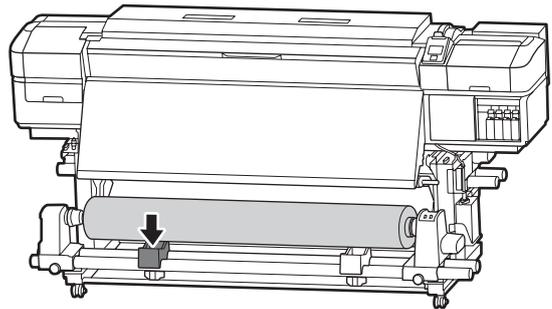
**! Caution:**

- ❑ If the media weighs over 20 kg, it should not be carried by one person. When loading or removing the media, use at least two people.
- ❑ Follow the instructions in the manual when loading media or roll cores or removing the take-up roll. Dropping media, roll cores, or take-up rolls could result in injury.

- 1** To prevent the take up roll from dropping, support the roll at its left end.
- 2** Loosen the left roll core holder screw and remove the roll core holder from the roll.



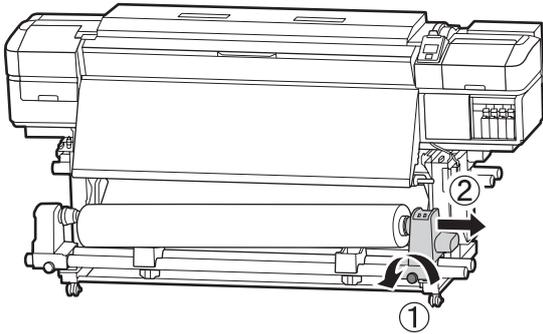
- 3** Lower the roll onto the roll support.



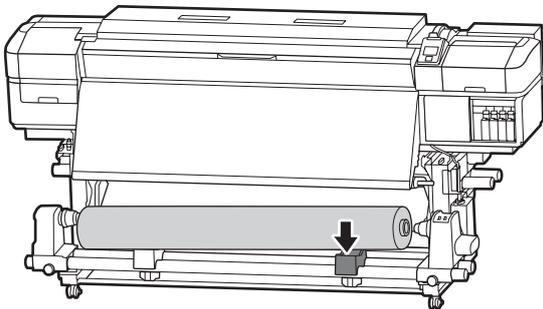
- 4** To prevent the take-up roll from dropping, support the roll at its right end.

## Basic Operations

- 5** Loosen the right roll core holder screw and remove the roll core holder from the roll.



- 6** Lower the roll onto the roll support.



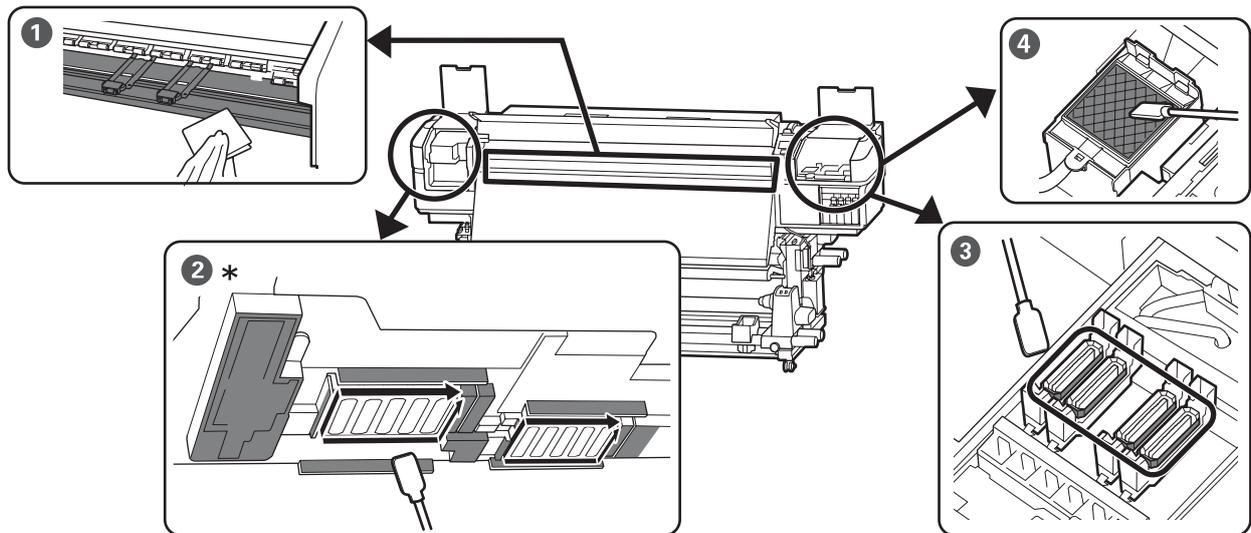
- 7** To remove media from the rear media feeding unit, reverse the steps you followed to load it.

# Maintenance

## When to Perform Various Maintenance Operations

### Cleaning Locations and Cleaning Timing

If the printer continues to be used without being cleaned, nozzles clog or ink drops may occur.



\* Right print head only in SC-S40600 Series.

| When to perform                | Component to be cleaned  |
|--------------------------------|--|
| Before starting work every day | <p>① Platen heater and media edge plates</p> <p><a href="#">🔗 "Daily Cleaning" on page 28</a></p>  |
| At least once a month          | <p>② Around the Print Head</p> <p>③ Caps</p> <p>④ Flushing pad (when dirty)</p> <p><a href="#">🔗 "Performing Regular Cleaning" on page 29</a></p> <p>You can check the procedure in a video on YouTube.</p> <p><a href="#">🔗 "Video Manuals" on page 4</a></p> |

**!** **Important:**

*The printer contains precision instruments. If any lint or dust adheres to the nozzles on the print head, print quality will decline.*

*Perform regular cleaning more frequently depending on the environment and media being used.*

## Maintenance

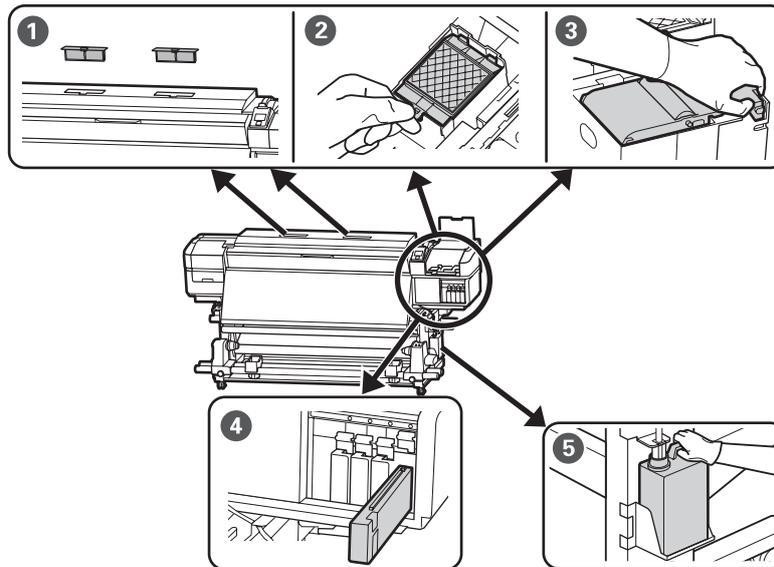
### Other Components to Be Cleaned

If you are concerned that components are getting dirty, clean the following components.

- Inside the front cover
- Pressure rollers

Cleaning  *User's Guide* (Online Manual)

## Locations of Consumables and Replacement Timing



| When to perform   | Component to be replaced   |
|---|--|
| When a prepare and replacement message is displayed on the control panel screen | <ul style="list-style-type: none"> <li>❶ Air filters</li> <li>❷ Flushing pad</li> <li>❸ Wiper unit</li> <li> <a href="#">"Replacing Maintenance Parts" on page 39</a></li> <li>❺ Waste Ink Bottle</li> <li> <a href="#">"Disposing of Waste Ink" on page 38</a></li> </ul> |
| As soon as ink low warning is displayed on the control panel display            | <ul style="list-style-type: none"> <li>❹ Ink cartridge</li> <li> <a href="#">"Replacement procedure" on page 36</a></li> </ul>  |

## Other maintenance

| When to perform  | Operation  |
|--|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Once every three weeks</li> <li><input type="checkbox"/> Before the start of daily print work (WH/MS only)*<sup>1</sup></li> </ul> | Shaking ink cartridges<br> <a href="#">"Shaking" on page 36</a> |

## Maintenance

| When to perform   | Operation  |
|---|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> When checking if nozzles are clogged</li> <li><input type="checkbox"/> When checking which colors are clogged</li> <li><input type="checkbox"/> Horizontal stripes or tint unevenness (banding) are appeared</li> </ul> | Checking for clogged nozzles*2   |
| When a clog is found after checking for clogged nozzles   | Head Cleaning<br><a href="#">🔗 "Head Cleaning" on page 50</a>                                    |
| When the printer will not be used for a long time (and switched off)  | Pre-Storage Maint.<br><a href="#">🔗 "Long-term Storage (Pre-storage Maintenance)" on page 44</a> |
| When a greasing message is displayed on the control panel   | Applying the supplied grease to the carriage rod*2   |

\*1 When 10-color mode is selected on SC-S80600 Series

\*2 Details [🔗 User's Guide \(Online Manual\)](#)

## Maintenance

### What You'll Need

Prepare the following items before beginning regular cleaning and consumable replacement.

When the supplied parts have been completely used, purchase new consumables.

Prepare genuine parts when replacing ink cartridges or performing maintenance.

 [“Information on Maintenance Items” on page 46](#)

If your gloves have worn out, prepare commercially available nitrile gloves.

#### **Protective eyewear (available in the market)**

Protects your eyes from ink and ink cleaner.

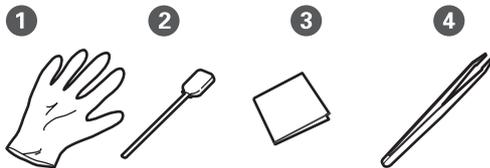
#### **Mask (available in the market)**

Protects your nose and mouth from ink and ink cleaner.

#### **Maintenance Kit (supplied with the printer)**

For general cleaning.

The following items are in the kit.



- ① Gloves (x12)
- ② Cleaning sticks (x20)
- ③ Clean-room wipers (x100)
- ④ Tweezers (x1)

#### **Ink cleaner (supplied with the printer)**

Use when wiping ink stains.

Usage method  [“Using Ink Cleaner” on page 29](#)

#### **A metal tray (supplied with the printer)**



Use when putting cleaning tools, removed consumables, or ink cleaner moved in the container supplied with the printer.

#### **Important:**

*If the used cleaning stick, etc. are directly put on the printer, it may cause a deformation from the characteristics of the ink cleaner.*

### Precautions regarding maintenance

Note the following points when cleaning and replacing parts.

#### **Caution:**

- Store ink cartridges, Cleaning Cartridge, ink cleaner, grease, and waste ink in a location out of reach of children.
- During maintenance, wear protective clothing, including protective eyewear, gloves, and a mask.  
Should ink, waste ink, ink cleaner, or grease contact your skin or enter your eyes or mouth, take the following actions:
  - If fluid adheres to your skin, immediately wash it off using large volumes of soapy water. Consult a physician if the skin appears irritated or is discolored.
  - If fluid enters your eyes, rinse immediately with water. Failure to observe this precaution could result in bloodshot eyes or mild inflammation. If problems persist, consult with a physician.
  - If fluid enters your mouth, consult a physician immediately.
  - If fluid is swallowed, do not force the person to vomit, and consult with a physician immediately. If the person is forced to vomit, fluid may get caught in the trachea which can be dangerous.
- After replacing the Waste Ink Bottle or using the ink cleaner, wash your hands and gargle thoroughly.

## Maintenance

- ❑ Remove the media from the printer before proceeding.
- ❑ Never touch the belts, circuit boards, or any parts that do not require cleaning. Failure to observe this precaution could result in malfunction or reduced print quality.
- ❑ Use only the supplied cleaning sticks or sticks contained in a maintenance kit. Other types of sticks that produce lint will damage the print head.
- ❑ Always use fresh cleaning sticks. Re-using sticks can make stains even harder to remove.
- ❑ Do not touch the tips of the cleaning sticks. Oil from your hands could damage the print head.
- ❑ Do not use water or alcohol to clean around the print head or the caps. Ink congeals when mixed with water or alcohol.
- ❑ Touch a metallic object before starting work to discharge any static electricity.

## Daily Cleaning

When lint, dust, or ink adheres to the platen heater or the media edge plates, it could cause clogged nozzles or ink drops to occur.

To maintain optimum printing quality, we recommend cleaning before starting work every day.

### **Caution:**

- ❑ *The heaters and media edge plate may be hot; observe all necessary precautions. Failure to observe the necessary precautions could result in burns.*
- ❑ *Be careful not to trap your hands or fingers when opening or closing the front cover. Failure to observe this precaution could result in injury.*

### **Important:**

*Do not use ink cleaner to clean inside the printer. Otherwise, parts inside the printer could be damaged.*

- 1** Turn off the printer, wait until the screen display disappears, and then unplug the power cable from the electrical outlet.

Disconnect both of the power cables.

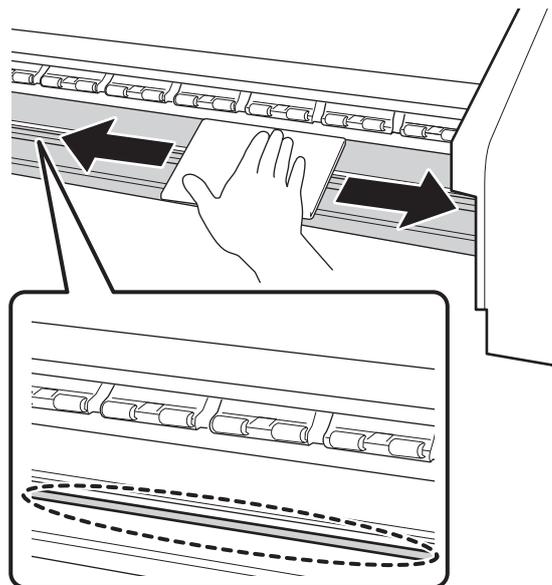
If the additional print drying system is installed, make sure you unplug the power cable for the additional print drying system as well.

- 2** Wait for approximately one minute after unplugging the power cables.

- 3** Open the front cover.

- 4** Soak a soft cloth in water, wring it out thoroughly, and then wipe off any ink, lint, or dust that has adhered to the platen heater.

Make sure you remove any lint or dust that has settled in the grooves on the platen.



- 5** Soak a soft cloth in water, wring it out thoroughly, and then wipe off any lint, or dust that has adhered to the media edge plates.

### **Important:**

*If you are using media with glue, soak the cloth in a diluted detergent, wring it out thoroughly, and then wipe the areas. If you continue printing while glue is stuck to the rear, it may rub against the print head.*

## Maintenance

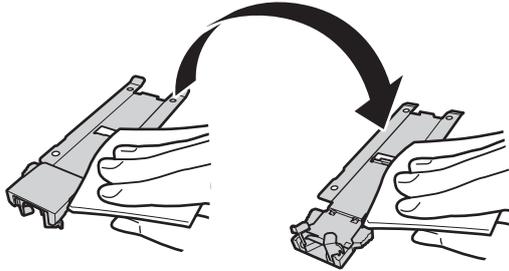
### When using media with glue and when ink adheres

Remove the media edge plates from the printer, and clean the front and back of the plates.

After cleaning, re-install the plates as they were.

Removing and installing the media edge plates

 [User's Guide](#) (online manual)



## Performing Regular Cleaning

When the following message is displayed on the control panel, perform regular cleaning as soon as possible.

Press the  button and perform Head Maintenance.

Clean the parts in the following order.

**Moving the Print Head**



**Cleaning Around the Print Head**



**Cleaning Around the Caps**

## Using Ink Cleaner

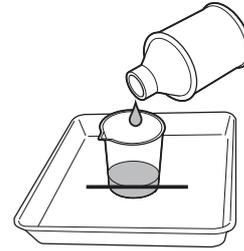
Only use ink cleaner to clean the parts indicated in the manual. Using ink cleaner on other parts of the printer could damage the product.

Before starting this procedure, be sure to read the following:

 ["Precautions regarding maintenance" on page 27](#)

1

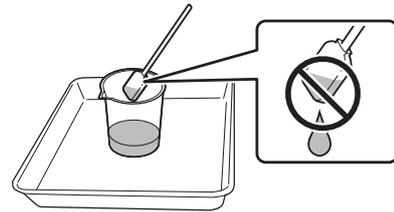
Put the cup supplied with the ink cleaner on the metal tray, and pour approximately 10 ml of ink cleaner into the cup.



2

Dampen the cleaning stick with ink cleaner.

Do not allow ink cleaner to drip from the cleaning stick.



When dampening a clean-room wiper with ink cleaner, use ink cleaner poured into a cup.

### **Important:**

- Do not reuse ink cleaner. Using dirty ink cleaner will make staining worse.
- Used ink cleaner, cleaning stick, and clean-room wipers are industrial waste. Dispose of them in the same way as for waste inks.  
 ["Disposal of used consumables" on page 42](#)
- Store ink cleaner at room temperature out of direct sunlight.
- After using the ink cleaner, be sure to first close the inner cap and then the outer cap. Failure to securely close these caps may cause a leakage or volatilization of the ink cleaner.

## Moving the Print Head

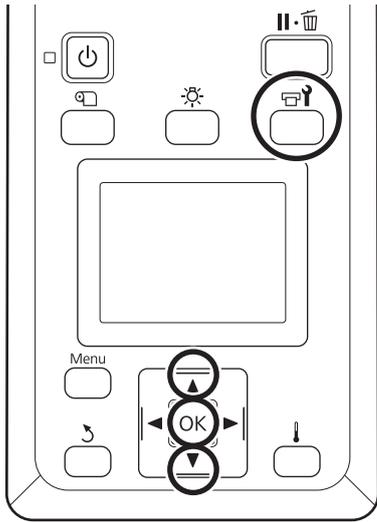
This section describes how to move to cleaning position of the print head.

## Maintenance

**Important:**

Be sure to follow the steps below when positioning the print head. Moving the print head manually could cause malfunction.

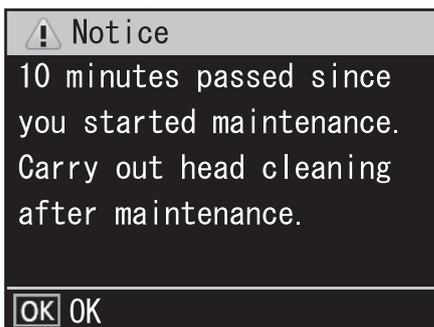
Buttons that are used in the following settings



- 1 Confirm that the printer is on and press the button.  
The Maintenance menu will be displayed.
- 2 Use the / buttons to select **Head Maintenance** and press the OK button.
- 3 Use the / buttons to select **Regular Cleaning**, and then press the OK button.  
The print head moves to the cleaning position.

**Note:**

The buzzer sounds 10 minutes after the print head is moved (default setting). Press the OK button to continue the cleaning process. After 10 more minutes have passed, the buzzer sounds again.



## Cleaning Around the Print Head

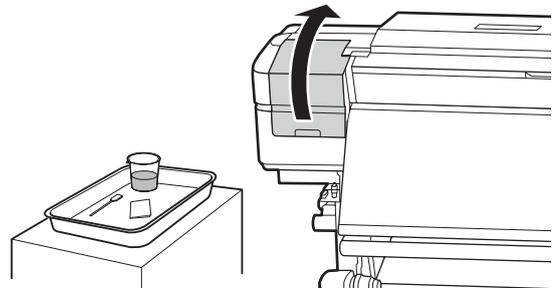
If you notice any ink clots, lint, or dust when checking the area around the print head, clean the area by following the steps below.

The SC-S60600 Series has two print heads. Clean around both print heads.

Before starting this procedure, be sure to read the following:

[“Precautions regarding maintenance” on page 27](#)

- 1 After the print head moves to the left end of the printer, open the left maintenance cover.



- 2 Dampen the cleaning stick with ink cleaner. Use new cleaning stick and ink cleaner.

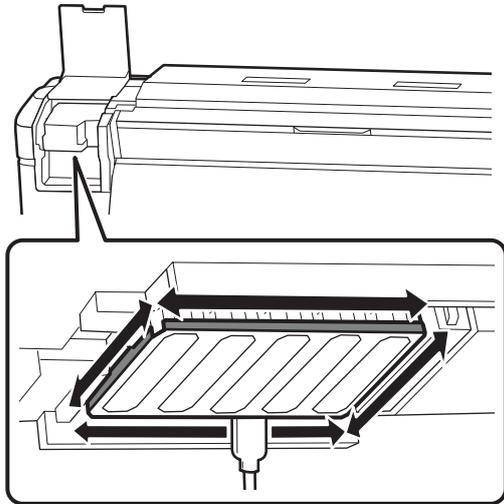
[“Using Ink Cleaner” on page 29](#)

**Important:**

- Rinse a cleaning stick using ink cleaner for each step.
- After removing a clot of ink with a cleaning stick, wipe off using a clean-room wiper.

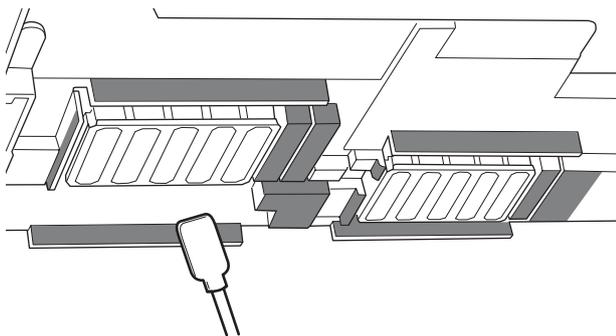
## Maintenance

- 3** Wipe off any adhered ink, lint, and dust from the parts that are indicated by the arrows below.

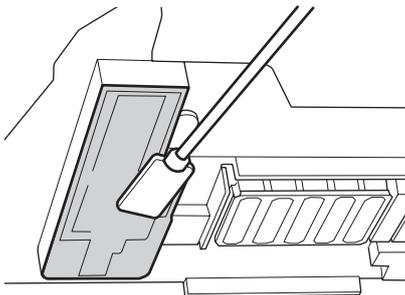


- 4** Wipe off any adhered ink, lint, and dust from the parts that are indicated by  below.

Right print head only in SC-S40600 Series.



- 5** Wipe off any adhered ink, lint, and dust from the parts that are indicated by  below.

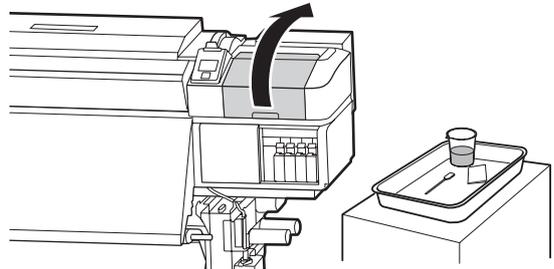


- 6** Close the left maintenance cover.

 [“Precautions regarding maintenance” on page 27](#)

## Cleaning Caps

- 1** Open the right maintenance cover.



- 2** Dampen the cleaning stick with ink cleaner.

 [“Using Ink Cleaner” on page 29](#)

- 3** Hold the cleaning stick flat and wipe the edges of all the caps.

The SC-S60600 Series has two blocks of caps, eight in total. Clean all of the caps.

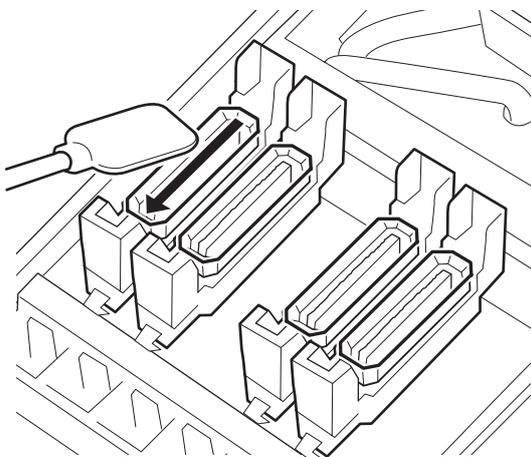
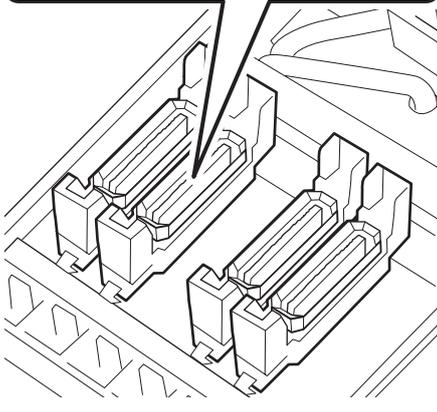
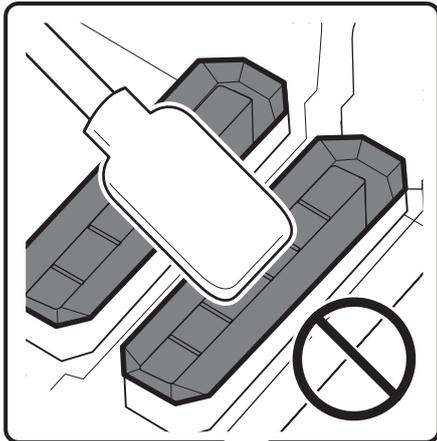
## Cleaning Around the Caps

Before starting this procedure, be sure to read the following:

**Maintenance**

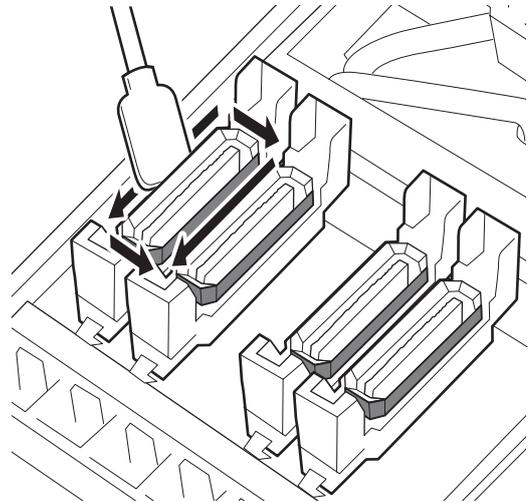
**! Important:**

*Do not push strongly against the edges or the surrounding area of the cap, or touch the inner side of the cap with a cleaning stick or tweezers. The part maybe deformed, and it may no longer be possible to perform capping correctly.*



**4**

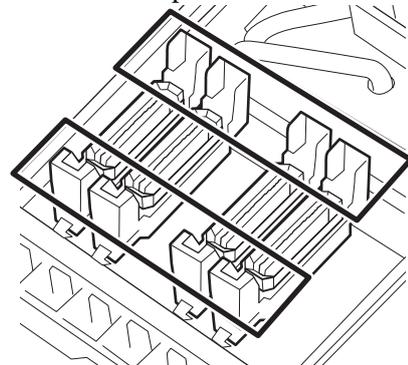
Hold the cleaning stick in a perpendicular orientation, and wipe the outer areas of all the caps.



**Points to note when cleaning caps**

Check the following points when cleaning the caps.

- Has ink adhered to the guide section in front of and behind the cap?



- Has a film of ink adhered to the guide section?
- Is there any lint attached to the inside of the cap?
- Is there any lint attached to the flushing pad?

If they do not require cleaning, the procedure is complete.

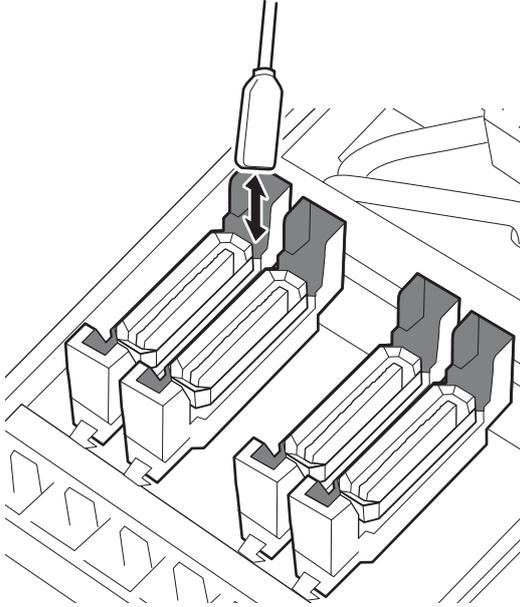
 [“Finishing Cleaning” on page 34](#)

If they require cleaning, see the following sections and perform the necessary cleaning.

## Maintenance

### When ink adheres to the guide section

- 1 Dampen the cleaning stick with ink cleaner.  
☞ [“Using Ink Cleaner” on page 29](#)
- 2 Apply ink cleaner to the guide section, and then wipe it down.

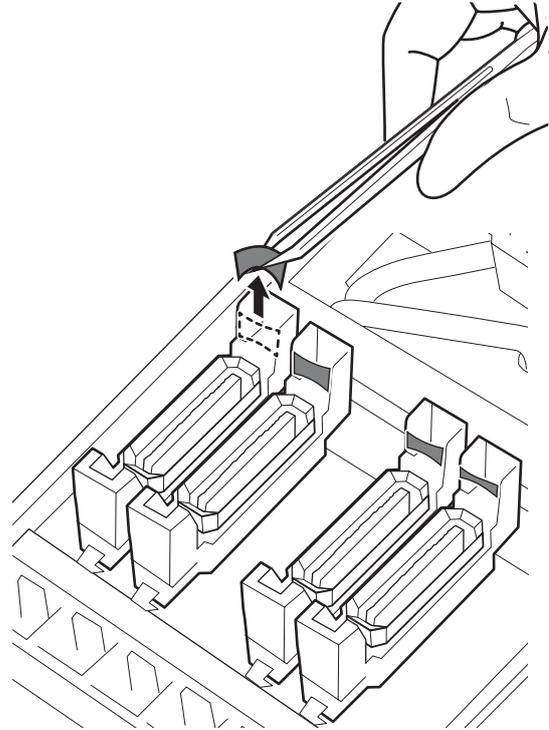


If no other parts need to be cleaned, proceed to the following section.

☞ [“Finishing Cleaning” on page 34](#)

### When a film of ink adheres to the guide section

If a film-like layer of adhered ink cannot be removed completely using a cleaning stick, remove it using tweezers.



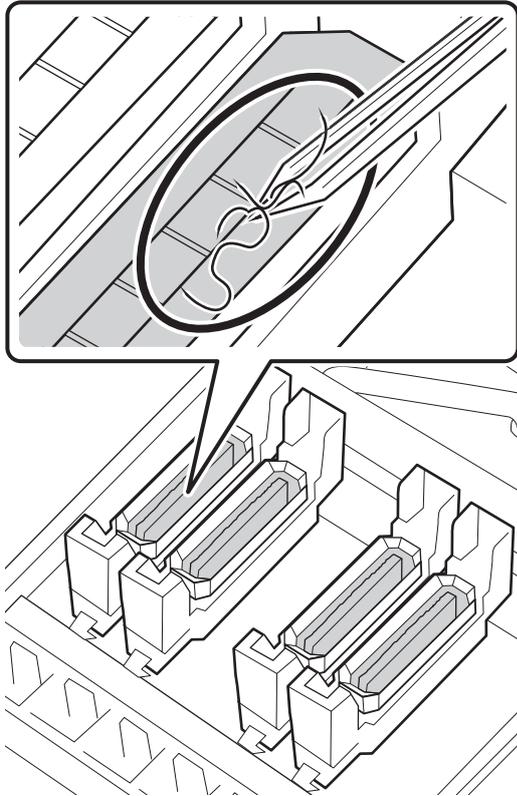
If no other parts need to be cleaned, proceed to the following section.

☞ [“Finishing Cleaning” on page 34](#)

## Maintenance

### When there is lint or dust in the cap

Remove using the tip of the cleaning stick or tweezers.



If no other parts need to be cleaned, proceed to the following section.

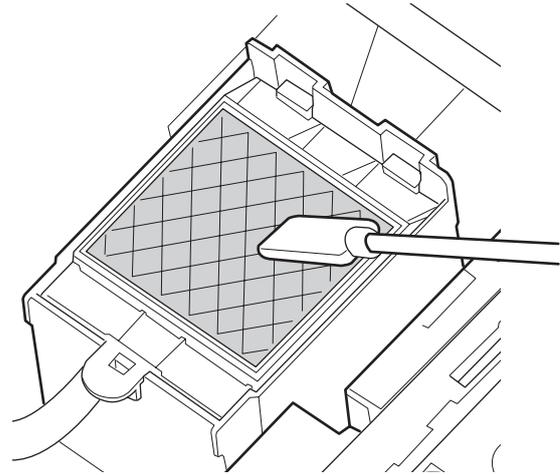
 [“Finishing Cleaning” on page 34](#)

### When there is lint attached to the flushing pad

Wipe off lint and dust with the tip of a cleaning stick.

 **Important:**

*Do not deform the metal section of the top surface. If they are deformed, they may damage the print head.*



If no other parts need to be cleaned, proceed to the following section.

 [“Finishing Cleaning” on page 34](#)

---

## Finishing Cleaning

After cleaning, close the right maintenance cover and press the OK button.

The menus will close when the print head returns to its normal position.

To make prints followed by the cleaning, perform Nozzle Check.

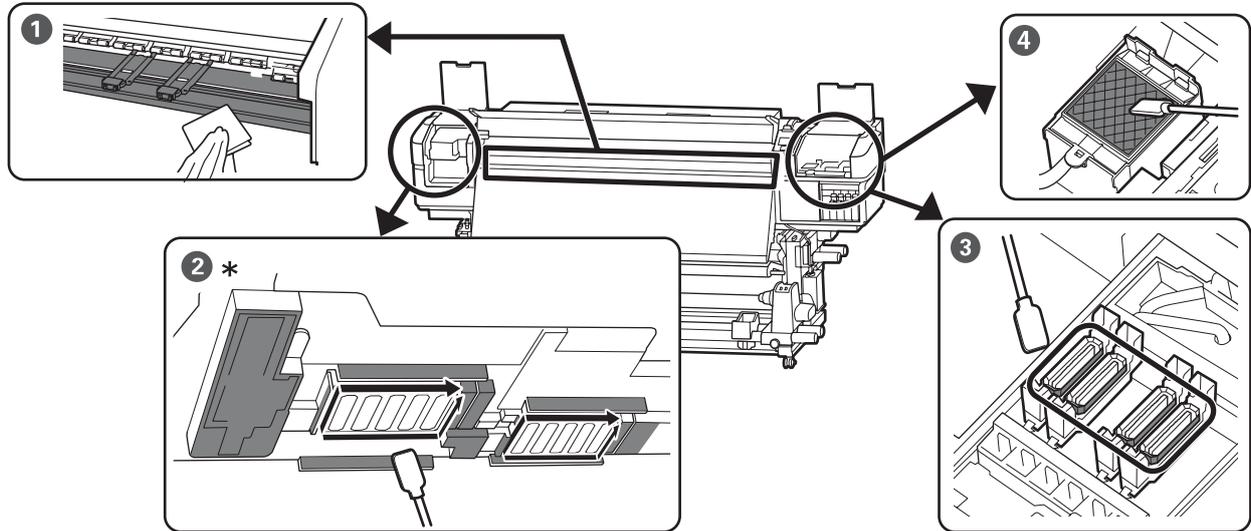
 [User's Guide \(Online Manual\)](#)

Disposing of used ink cleaner, cleaning stick, and clean-room wipers  [“Disposal of used consumables” on page 42](#)

Maintenance

# Cleaning Check Sheet

Copy this page to track maintenance tasks.



\* Right print head only in SC-S40600 Series.

| When to perform                | Component to be cleaned   | Cleaned on date |   |   |   |   |
|--------------------------------|---|-----------------|---|---|---|---|
|                                |   |                 |   |   |   |   |
| Before starting work every day | <b>1</b> Platen heater and media edge plates<br>ⓘ "Daily Cleaning" on page 28   | /               | / | / | / | / |
|                                |   | /               | / | / | / | / |
|                                |   | /               | / | / | / | / |
|                                |   | /               | / | / | / | / |
|                                |   | /               | / | / | / | / |
| At least once a month          | <b>2</b> * Around the Print Head<br><b>3</b> Around caps<br><b>4</b> Flushing pad<br>ⓘ "Performing Regular Cleaning" on page 29 | /               | / | / | / | / |
|                                |   | /               | / | / | / | / |
|                                |   | /               | / | / | / | / |
|                                |   | /               | / | / | / | / |
| When dirty*                    | Front cover   | /               | / | / | / | / |
|                                | Pressure rollers  | /               | / | / | / | / |

\* Cleaning ⓘ *User's Guide* (Online Manual)

Maintenance

# Shaking and Replacing Ink Cartridges

## Shaking

### Shaking timing and count

**! Important:**

Due to ink characteristics, the ink cartridges of this printer are prone to sedimentation (components settling to the bottom of the liquid). If ink settles, tint unevenness and nozzle clogs occur.

Shake a new ink cartridge before installing it. After installing it in the printer, remove and shake it periodically.

- When replacing a cartridge, remove it from the bag and then shake it. The number of shakes depends on the ink color.

|                              |                                |
|------------------------------|--------------------------------|
| OR, WH, MS                   | Approx. 50 times in 15 seconds |
| Colors other than OR, WH, MS | Approx. 15 times in 5 seconds  |

- Before the start of daily print work (WH/MS only) WH and MS tend to settle more than other colors. Before the start of daily print work, remove the ink cartridge, and then shake it the number of times listed below.

Approx. 15 times in 5 seconds

If a cartridge has not been shaken for 24 hours or more, the following message appears. If the message appears, remove the ink cartridge immediately, and then shake it.

**Remove and shake (MS/WH) ink cartridge(s).**

- Once every three weeks (All colors excluding WH/MS) Even after installing an ink cartridge in the printer, remove and shake it periodically.

Approx. 15 times in 5 seconds

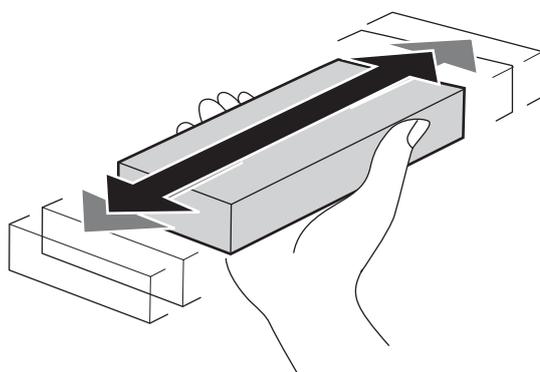
## Shaking method

- 1 Make sure the printer is on, and then remove the ink cartridge.

When replacing a cartridge, remove the new one from the bag.

- 2 Hold the cartridge horizontally and shake it in both directions about 5 cm approx. 15 times in 5 seconds.

In the case of OR, WH, or MS, shake it well approx. 50 times in 15 seconds during replacement only.



## Replacement procedure

If an ink low warning is displayed, replace as soon as possible. If one of the installed ink cartridges is expended, printing cannot be performed.

**! Important:**

When the message **⊗ Ink Cartridge Expended** appears with use of WH/MS ink, replace the cartridge with a new one immediately.

If the printer is left with the ink remaining alert displayed, a print head or other part may be damaged.

If an ink cartridge is expended while printing, you can continue printing after replacing the ink cartridge. However, when replacing ink during a print job, you may see a difference in color depending on the drying conditions.

The following procedure explains how to replace an ink cartridge and a cleaning cartridge.

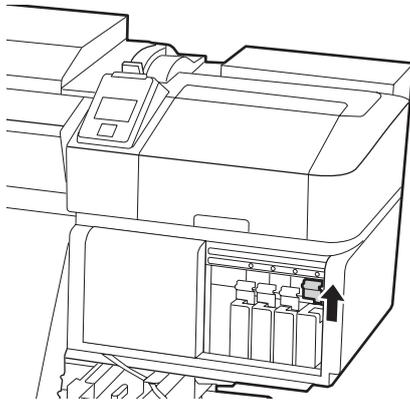
## Maintenance

**!** **Important:**

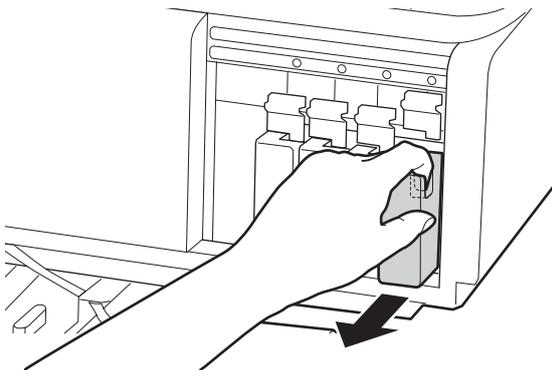
*Epson recommends the use of genuine Epson ink cartridges. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior. Information about non-genuine ink levels may not be displayed, and use of non-genuine ink is recorded for possible use in service support.*

**1** Make sure the printer is on.

**2** Lift the lock lever for the cartridge you intend to replace.



**3** Insert a finger into the depression on the top of the cartridge and pull the cartridge straight toward you.

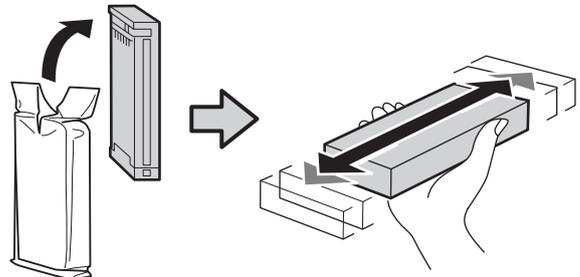


**!** **Important:**

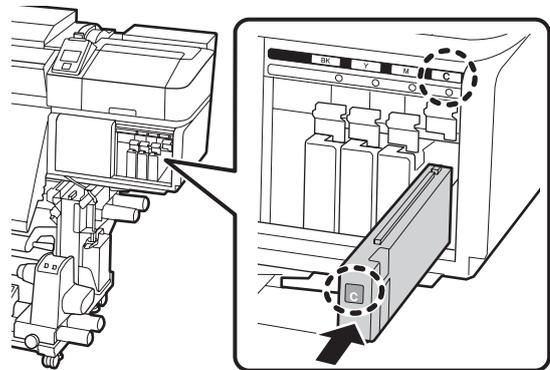
*Removed ink cartridges may have ink around the ink supply port, so be careful not to get any ink on the surrounding area when removing the cartridges.*

**4** Hold the cartridge horizontally and shake it in both directions about 5 cm approx. 15 times in 5 seconds.

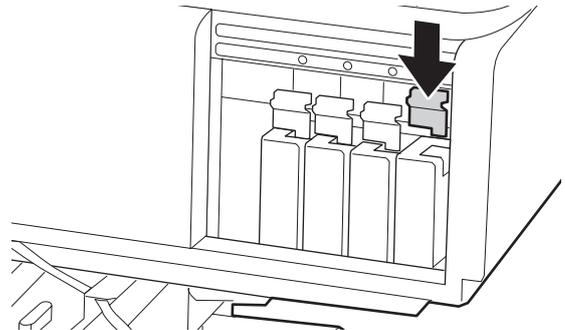
In the case of OR, WH, or MS, shake it well approx. 50 times in 15 seconds.



**5** Match the color of the cartridge to the color of the label on the printer and insert.



**6** Lower the lock lever to engage the latch.



Repeat Steps 2 to 6 to replace other ink cartridges.

**!** **Important:**

*Install all ink cartridges into each slot. You cannot print if any of the slots are empty.*

Disposal "Disposal of used consumables" on page 42

## Maintenance

# Disposing of Waste Ink

## Preparing and Replacement Timing

**When “Prepare empty waste ink bottle.” is displayed**  
Prepare a new waste ink bottle as soon as possible.

When you want to replace the waste ink bottle at this stage due to night operations and so on, select **Replace Ink Bottle** from the setup menu, and then replace the bottle. If you perform the replacement without selecting **Replace Ink Bottle**, the waste ink counter will not operate correctly.

Details on the setup menu [User's Guide \(Online Manual\)](#)

Waste Ink Counter [“Waste Ink Counter” on page 38](#)

### **Important:**

*During printing or while the printer is running the operations shown below, do not remove the Waste Ink Bottle unless instructed to do so by the on-screen instructions. Failure to observe this precaution could cause ink to leak.*

- Head Cleaning
- Head Washing
- Ink Refresh
- Pre-Storage Maint.

**When “Replace waste ink bottle and press OK.” is displayed**

Replace the waste ink bottle with a new bottle immediately.

Replacement procedure [“Replacing the Waste Ink Bottle” on page 38](#)

## Waste Ink Counter

The printer uses the waste ink counter to track waste ink and displays a message when the counter reaches the warning level. If you replace the Waste Ink Bottle when the message **“Replace waste ink bottle and press OK.”** is displayed, the counter is cleared automatically.

If you need to replace the waste ink bottle before the message is displayed, select **Replace Ink Bottle** from the setup menu.

[User's Guide \(Online Manual\)](#)

### **Important:**

*If you replace the Waste Ink Bottle before being prompted by a message, always clear the waste ink counter. Otherwise, the replacement interval for the Waste Ink Bottle will no longer be notified correctly from the next message.*

## Replacing the Waste Ink Bottle

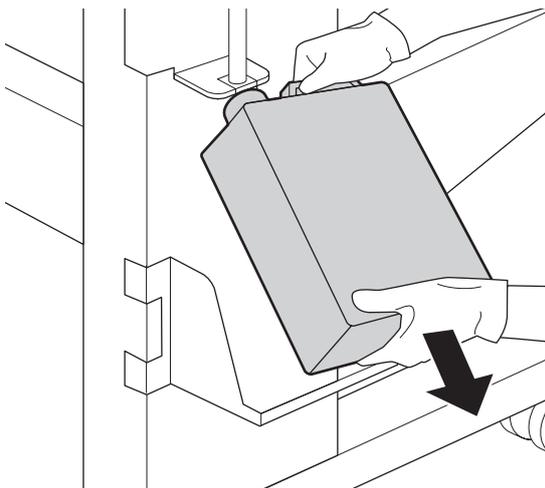
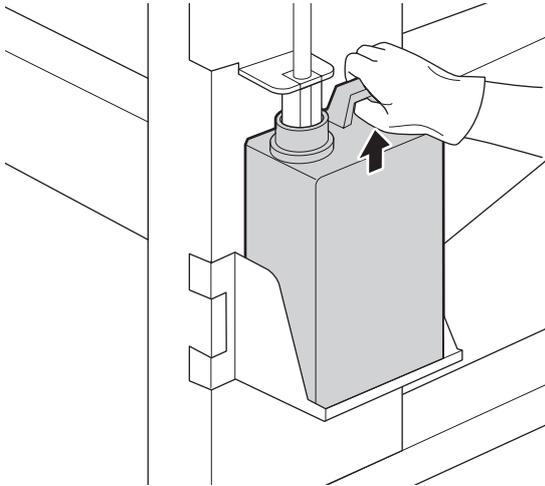
Follow the procedure below to replace the parts.

Before starting this procedure, be sure to read the following:

[“Precautions regarding maintenance” on page 27](#)

## Maintenance

- 1** Remove the Waste Ink Bottle from the Waste Ink Bottle holder.



- 2** Insert the waste ink tube into the mouth of the new Waste Ink Bottle and place the Waste Ink Bottle in the holder.

Tightly seal the lid on the used Waste Ink Bottle.

**!** **Important:**

*You will need the lid for the Waste Ink Bottle when disposing of waste ink. Keep the lid in a safe place; do not throw it out.*

- 3** Press the OK button.

- 4** Check again to confirm that a new waste ink bottle has been installed correctly. Press the OK button to clear the waste ink counter.

**!** **Important:**

*Be sure to confirm that the waste ink tube is inserted in the mouth of the waste ink bottle. Ink will spill onto the surrounding area if the tube is not inserted in the bottle.*

Leave the waste ink in the Waste Ink Bottle for disposal; do not transfer it to another container.

Disposing of used waste ink and Waste Ink Bottle [↗](#) "Disposal" on page 42

## Replacing Maintenance Parts

### Preparing and Replacement Timing

**When "Maintenance parts are nearing end of life." is displayed**

Prepare a new maintenance parts kit as soon as possible.

When you want to replace the parts at this stage due to night operations and so on, select **Replace Parts** from the setup menu, and then replace the parts. If you perform the replacement without selecting **Replace Parts**, the maintenance parts counter will not operate correctly.

Details on the setup menu [↗](#) *User's Guide* (Online Manual)

## Maintenance

**Important:**

**Maintenance Counter**

The printer tracks amounts consumed using the maintenance counter and displays a message when the counter reaches the warning level.

If you replace parts when the message "✕ **Replace Parts**" is displayed, the counter is cleared automatically.

If you need to replace the parts before the message is displayed, select **Replace Parts** from the setup menu.

[User's Guide \(Online Manual\)](#)

**When "✕ **Replace Parts**" is displayed**

Replace all parts supplied with the maintenance parts kit. Printing cannot be performed if the parts are not replaced.

Make sure you use the maintenance parts kit for this printer.

["Maintenance Items" on page 49](#)

The maintenance parts kit contains the following parts. Make sure you replace all of the maintenance parts at the same time.

- Wiper unit (x1)
- Flushing pad (x1)
- Air filters (x2)

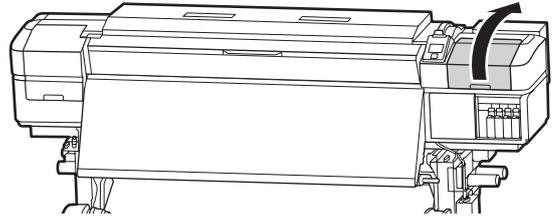
Before starting this procedure, be sure to read the following:

["Precautions regarding maintenance" on page 27](#)

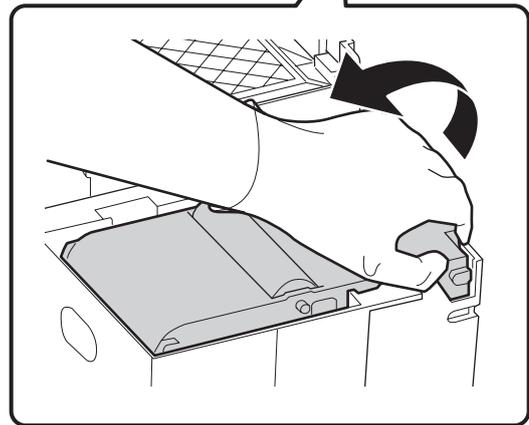
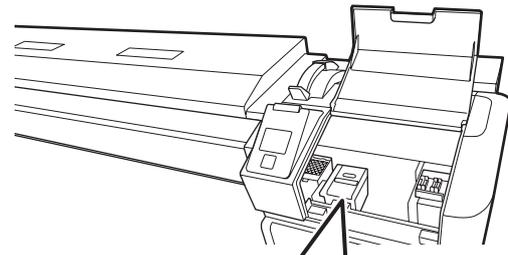
## Replacement Procedure

**1** When the message is displayed, press the OK button.

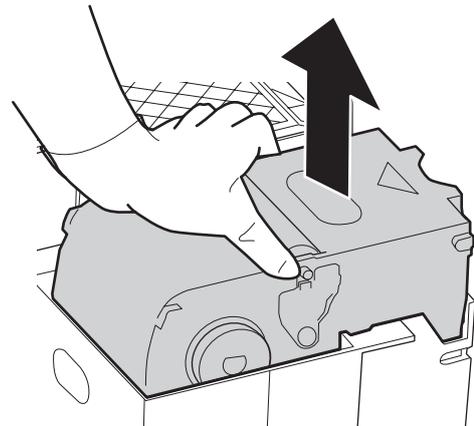
**2** After the print head moves to the left end of the printer, open the right maintenance cover.



**3** Place your fingers in the groove on the back of the wiper unit, and tilt it forward a little.

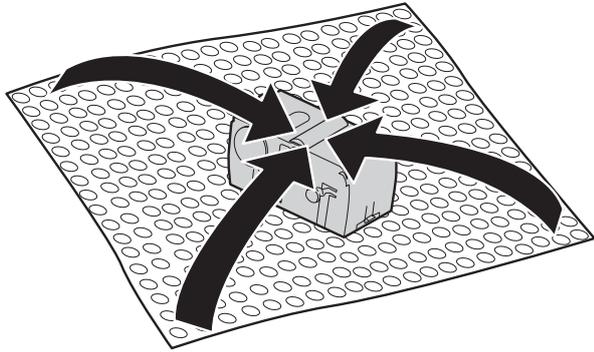


**4** Grip the sides, and pull it straight up to lift it out.

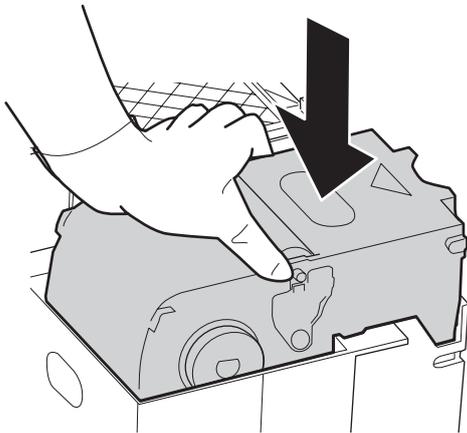


**Maintenance**

- 5** To avoid soiling your surroundings with ink, wrap the used wiper unit in the packaging supplied with the new wiper unit.



- 6** Insert the new wiper unit.  
Place on the attachment point and press down until you hear a click.



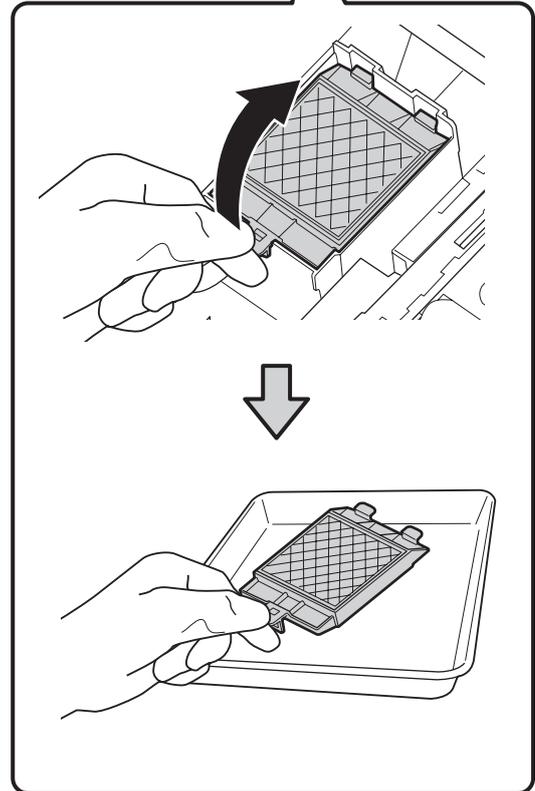
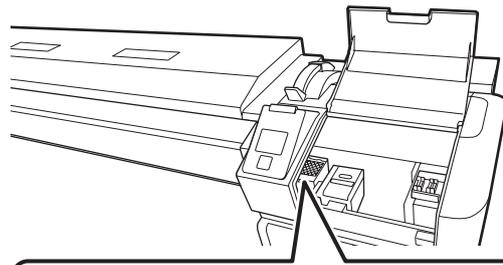
- 7** After replacing the wiper unit, press the OK button.

- 8** Lift up the tab on the flushing pad, and remove it.

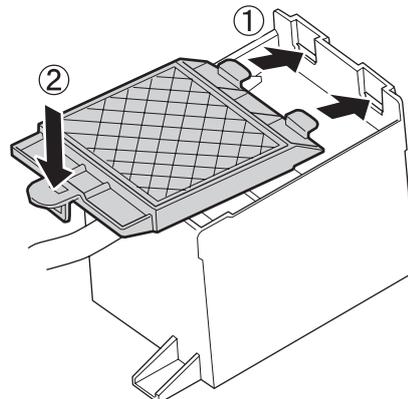
Place the removed flushing pad on the metal tray so that ink does not adhere to the surroundings.

**! Important:**

*Leave the used flushing pad that has been removed on the metal tray until it is disposed of. If such a part is directly placed on the printer, it may leave stains that may be difficult to remove due to the characteristics of the ink.*



- 9** Insert the two hooks on the flushing pad into the slots on the printer and press the tab down until the pad clicks into place.

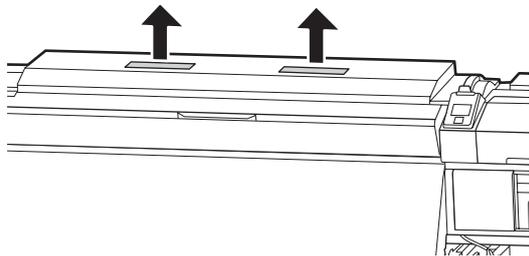


- 10** After replacing the flushing pad, press the OK button.

- 11** Remove both of the new air filters from the packaging.

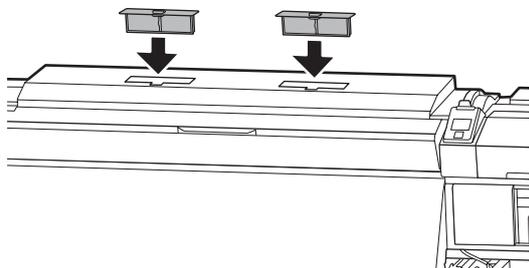
## Maintenance

- 12** Grip the air filters and lift them straight out.  
Replace both of the air filters.



- 13** Place the removed air filters in the packaging that contained the new air filters.

- 14** Insert the new air filters.



- 15** Check that the air filters are installed, and then press the OK button.

**!** **Important:**

*Make sure you install the air filters.*

*If the printer is used when the air filters are not installed, sensors may degrade due to mist causing misalignment in print and the printer may malfunction.*

- 16** Close the maintenance cover, and then press the OK button.

- 17** A confirmation message is displayed on the screen. Check the content of the message, select **Yes**, and then press the OK button.

Disposing of used maintenance parts  [“Disposal” on page 42](#)

## Disposal of used consumables

### Disposal

The following used parts with adhered ink are classified as industrial waste.

- Cleaning stick
- Clean-room wiper
- Ink cleaner
- Waste ink
- Waste Ink Bottle
- Wiper unit
- Flushing pad
- Air filter
- Media after printing

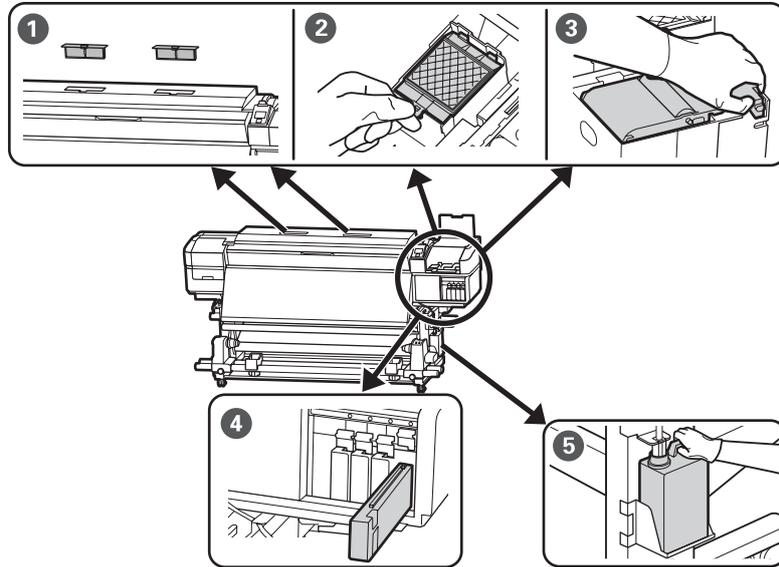
Dispose of items according to local laws and regulations. For example, contract a industrial waste disposal company for disposal. In such cases, submit the “Safety data sheet” to the industrial waste disposal company.

You can download it at your local Epson Web site.

Maintenance

# Consumable Replacement Check Sheet

Copy this page to track maintenance tasks.



| When to perform   | Component to be replaced   | Cleaned on date   |   |   |   |   |
|---|--|---|---|---|---|---|
| When a replacement message is displayed on the control panel screen | ❶ Air filters  | /   | / | / | / | / |
|   | ❷ Flushing pad   | /   | / | / | / | / |
|   | ❸ Wiper unit<br><a href="#">🔗 "Replacing Maintenance Parts" on page 39</a> | /   | / | / | / | / |
|   | ❹ Ink cartridge  | /   | / | / | / | / |
|   | <a href="#">🔗 "Replacement procedure" on page 36</a>                       | /   | / | / | / | / |
|   |  | /   | / | / | / | / |
|   | ❺ Waste Ink Bottle   | /   | / | / | / | / |
|   | <a href="#">🔗 "Disposing of Waste Ink" on page 38</a>                      | /   | / | / | / | / |
|   | When the plates are deformed or damaged                                    | Media edge plates<br><a href="#">🔗 User's Guide (Online Manual)</a> | / | / | / | / |

Maintenance

# Long-term Storage (Pre-storage Maintenance)

## Pre-storage Maintenance Timing

Always perform Pre-storage Maintenance if the printer will not be used (and will be turned off) for a long time.

**! Important:**

*If you do not perform Pre-storage Maintenance, a print head nozzle could become permanently clogged.*

As shown below, the necessity of Pre-storage Maintenance depends on your model.

### SC-S40600 Series/SC-S60600 Series

For Pre-storage Maintenance, use the number of cleaning cartridges (CL) (sold separately) shown for each model in the following table.

| Interval        | CL cartridges                              |
|-----------------|--|
| 1 month or more | SC-S40600 Series: 4<br>SC-S60600 Series: 8 |

### SC-S80600 Series

Due to the characteristics of WH/MS ink, it can be left for about six days.

When ink has not been used for 13 days or less, perform Pre-storage Maintenance for WH/MS ink only.

When the time span is two weeks or longer, Pre-storage Maintenance must be performed for all colors. For Pre-storage Maintenance, use the number of cleaning cartridges (CL) (sold separately) shown for each model in the following table.

During 10-color mode

| Interval            | Target color             | CL cartridges |
|---------------------|--------------------------|---------------|
| 7 to 13 days        | WH/MS                    | 2             |
| Two weeks or longer | All colors (all nozzles) | 10            |

During 9-color mode

| Interval            | Target color             | CL cartridges |
|---------------------|--------------------------|---------------|
| Two weeks or longer | All colors (all nozzles) | 10            |

**! Important:**

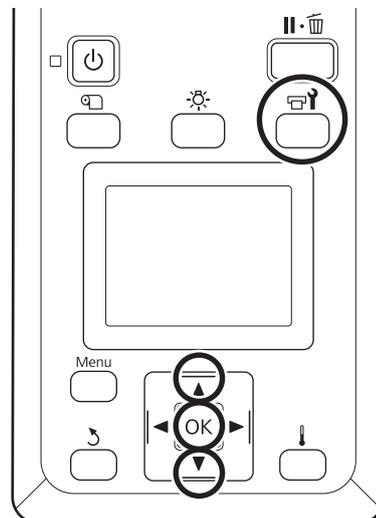
*If you want to perform Pre-storage Maintenance for All Nozzles when it was already done only for WH/MS, switch on the power of the printer, fill the WH/MS ink, and then perform Pre-storage Maintenance again.*

## Performing Pre-storage Maintenance

**! Important:**

*If the amount of remaining ink or cleaning fluid is insufficient, the function may not run. When there is an insufficient amount remaining, have new cartridges on hand as a precaution.*

Buttons that are used in the following settings



## Maintenance

- 1** After confirming that the printer is ready, press the  button.  
The Maintenance menu will be displayed.
- 2** Use the / buttons to select **Pre-Storage Maint.**, and press the OK button.
- 3** Select **All Nozzles**, and then press the OK button.  
For SC-S80600 Series when ink has not been used (in 10-color mode) for 13 days or less, choose **WH** or **MS**, and then press the OK button.
- 4** Follow the on-screen instructions to replace the cartridge.

Observe the cautions on the *User's Guide* (Online Manual) when storing the printer and ink cartridges that were removed during use.

---

## Restarting use of the printer

 **Important:**

*When restarting use of the printer, charge the printer with ink. When charging using removed ink cartridges, have new ink cartridges on hand as a precaution.*

Switch on the power and follow the on-screen instructions.

When first printing after restarting use, perform a nozzle check and check that there are no clogs.

 *User's Guide* (Online Manual)

## Information on Maintenance Items

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# Information on Maintenance Items

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For the latest information, see the Epson Web site. (as of November, 2015)

## Ink cartridges

| Printer model                            | Product        | Part number     |       |
|--|----------------|-----------------|-------|
| SC-S80600                                | Ink cartridges | Black           | T8901 |
|  |                | Cyan            | T8902 |
|  |                | Magenta         | T8903 |
|  |                | Yellow          | T8904 |
|  |                | Light Cyan      | T8905 |
|  |                | Light Magenta   | T8906 |
|  |                | Light Black     | T8907 |
|  |                | Orange          | T8908 |
|  |                | Red             | T8909 |
|  |                | White           | T890A |
|  |                | Metallic Silver | T890B |
| SC-S80600<br>(Australia and New Zealand) | Ink cartridges | Black           | T8331 |
|  |                | Cyan            | T8332 |
|  |                | Magenta         | T8333 |
|  |                | Yellow          | T8334 |
|  |                | Light Cyan      | T8335 |
|  |                | Light Magenta   | T8336 |
|  |                | Light Black     | T8337 |
|  |                | Orange          | T8338 |
|  |                | Red             | T8339 |
|  |                | White           | T833A |
|  |                | Metallic Silver | T833B |

**Information on Maintenance Items**

| <b>Printer model</b> | <b>Product</b> | <b>Part number</b> |       |
|----------------------|----------------|--------------------|-------|
| SC-S80610            | Ink cartridges | Black              | T8911 |
|                      |                | Cyan               | T8912 |
|                      |                | Magenta            | T8913 |
|                      |                | Yellow             | T8914 |
|                      |                | Light Cyan         | T8915 |
|                      |                | Light Magenta      | T8916 |
|                      |                | Light Black        | T8917 |
|                      |                | Orange             | T8918 |
|                      |                | Red                | T8919 |
|                      |                | White              | T891A |
|                      |                | Metallic Silver    | T891B |
| SC-S80670            | Ink cartridges | Black              | T8921 |
|                      |                | Cyan               | T8922 |
|                      |                | Magenta            | T8923 |
|                      |                | Yellow             | T8924 |
|                      |                | Light Cyan         | T8925 |
|                      |                | Light Magenta      | T8926 |
|                      |                | Light Black        | T8927 |
|                      |                | Orange             | T8928 |
|                      |                | Red                | T8929 |
|                      |                | White              | T892A |
|                      |                | Metallic Silver    | T892B |

**Information on Maintenance Items**

| <b>Printer model</b>                                  | <b>Product</b> |                 | <b>Part number</b> |
|---|----------------|-----------------|--------------------|
| SC-S80680   | Ink cartridges | Black           | T8931              |
|   |                | Cyan            | T8932              |
|   |                | Magenta         | T8933              |
|   |                | Yellow          | T8934              |
|   |                | Light Cyan      | T8935              |
|   |                | Light Magenta   | T8936              |
|   |                | Light Black     | T8937              |
|   |                | Orange          | T8938              |
|   |                | Red             | T8939              |
|   |                | White           | T893A              |
|   |                | Metallic Silver | T893B              |
| SC-S40600<br>SC-S60600                                | Ink cartridges | Black           | T8901              |
|   |                | Cyan            | T8902              |
|   |                | Magenta         | T8903              |
|   |                | Yellow          | T8904              |
| SC-S40600<br>SC-S60600<br>(Australia and New Zealand) | Ink cartridges | Black           | T8331              |
|   |                | Cyan            | T8332              |
|   |                | Magenta         | T8333              |
|   |                | Yellow          | T8334              |
| SC-S40610<br>SC-S60610                                | Ink cartridges | Black           | T8911              |
|   |                | Cyan            | T8912              |
|   |                | Magenta         | T8913              |
|   |                | Yellow          | T8914              |
| SC-S40670<br>SC-S60670                                | Ink cartridges | Black           | T8921              |
|   |                | Cyan            | T8922              |
|   |                | Magenta         | T8923              |
|   |                | Yellow          | T8924              |
| SC-S40680<br>SC-S60680                                | Ink cartridges | Black           | T8931              |
|   |                | Cyan            | T8932              |
|   |                | Magenta         | T8933              |
|   |                | Yellow          | T8934              |

## Information on Maintenance Items

Epson recommends the use of genuine Epson ink cartridges. Epson cannot guarantee the quality or reliability of nongenuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior.

Information about non-genuine ink levels may not be displayed, and use of non-genuine ink is recorded for possible use in service support.

## Maintenance Items

| Product   | Part number | Explanation   |
|---|-------------|---|
| Cleaning cartridge  | T6960       | Use when performing Pre-Storage Maint.  |
| Cleaning cartridge<br>(Australia and New Zealand)         | T8330       |   |
| Maintenance Parts Kit<br>(except for SC-S40680/SC-S60680) | C13S210044  | The following consumable items are included in one maintenance set.   |
| Maintenance Parts Kit<br>(for SC-S40680/SC-S60680)        | C13S210045  | <input type="checkbox"/> Wiper unit (x1)<br><input type="checkbox"/> Flushing pad (x1)<br><input type="checkbox"/> Air filters (x2)<br><input type="checkbox"/> Gloves (x2) |
| Ink Cleaner   | T6993       | Identical to the ink cleaner supplied with the printer.   |
| Waste Ink Bottle  | T7240       | Identical to the Waste Ink Bottle supplied with the printer.  |
| Cleaning Stick  | C13S090013  | Identical to the Maintenance Kit items supplied with the printer.   |
| Clean Room Wiper*1  | C13S090016  |   |

\*1 Not available for purchase in some countries and regions. We recommend BEMCOT M-3II by Asahi Kasei Corporation when purchasing commercial products.

Handling Ink Drops and Clogged Nozzles

# Handling Ink Drops and Clogged Nozzles

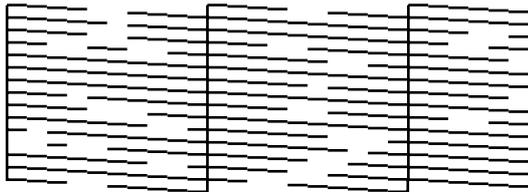
**Problem**

Try the solutions below if any of the following occurs in the print results.

**Ink drops**



**Nozzles are clogged**



**Solution**

Perform the following sequence until the print results have improved.

- 1. Perform head cleaning**  
 ["Head Cleaning" on page 50](#)

↓

- 2. Perform auto head maintenance**  
 ["Auto Head Maintenance" on page 51](#)

↓

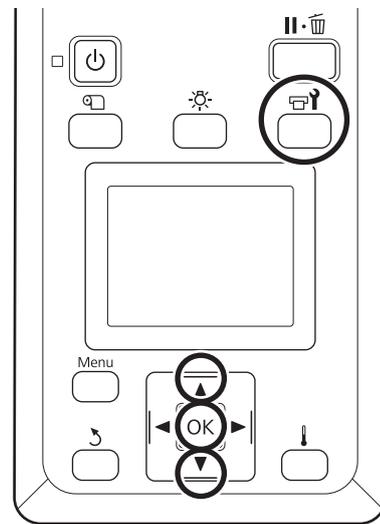
- 3. Perform regular cleaning**  
 ["Performing Regular Cleaning" on page 29](#)

## Head Cleaning

There are three levels of head cleaning available: **Cleaning (Light)**, **Cleaning (Medium)**, and **Cleaning (Heavy)**.

Perform **Cleaning (Light)** first. After cleaning, print a check pattern and if there are still faint or missing segments, perform **Cleaning (Medium)**. If this still does not solve the problem, perform **Cleaning (Heavy)**.

Buttons that are used in the following settings



- 1** After confirming that the printer is ready, press the  button.

The Maintenance menu will be displayed.
- 2** Use the / buttons to select **Cleaning** and press the OK button.
- 3** Select a cleaning level, and then press the OK button.

Select **Cleaning (Light)** first.

Next, select **Cleaning (Medium)**.

And finally, select **Cleaning (Heavy)**.
- 4** Select the cleaning method you want to use for each row of nozzles.

When **Cleaning (Light)** is selected, only **All Nozzles** is available.

## Handling Ink Drops and Clogged Nozzles

### All Nozzles

Select this if there are any faint or missing segments in all of the printed check patterns. After making your selections, proceed to Step 6.

### Head1/Head2

This is displayed by the SC-S60600 Series only.

Select this if there are faint or missing segments in only one of the print heads. After making your selections, proceed to Step 6.

### Selected Nozzles

Select this if there are faint or missing segments in only some of the numbered patterns (nozzle arrays) in the check pattern. You can select multiple nozzle arrays.

**5** Choose the nozzle arrays to be cleaned.

- (1) Use the ▼/▲ buttons to choose the nozzle arrays with faint or missing segments in the nozzle check pattern, and then press the OK button.
- (2) After selecting the arrays you want to clean, select **Execute With Selection**, and then press the OK button.

**6** Head cleaning starts.

A confirmation message is displayed when cleaning is complete.

**7** To print a check pattern and check the status of the clog, use the ▼/▲ buttons to select **Nozzle Check**, and then press the OK button.

When printing a check pattern in the margin of media on which a check pattern has already been printed, press the ▲ button to move the print start position to the pressure rollers position.

**8** Select the desired print position, and then press the OK button.

Select **Print At Center** or **Print At Left** to print in a side margin where a check pattern has already been printed. The displayed content changes depending on the width of the loaded media.

Press the OK button to print a check pattern.

**9** Cut the media as necessary, and then check the printed patterns.

### No faint or missing segments

Continue with normal operations.

### Faint or missing segments

Return to Step 1, and go to the next level of head cleaning.

### If nozzles are still clogged even after performing Cleaning (Heavy)

The areas around the print heads may be soiled. Perform **Auto Head Maintenance** in the following section.

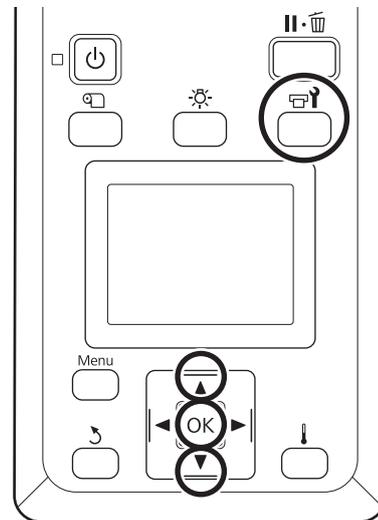
## Auto Head Maintenance

Perform Auto Head Maintenance if ink drops or clogged nozzles remain even after performing head cleaning.

### ! Important:

*Do not perform auto head maintenance repeatedly in one day. Using this feature too frequently could damage the print heads.*

Buttons that are used in the following settings



**1** After confirming that the printer is ready, press the button with the printer icon and trash can icon.

The Maintenance menu will be displayed.

**2** Use the ▼/▲ buttons to select **Head Maintenance** and press the OK button.

**3** Check that **Auto Head Maintenance** is highlighted, and then press the OK button.

## Handling Ink Drops and Clogged Nozzles

- 4 Press the OK button.  
Auto Head Maintenance starts.

When Auto Head Maintenance is complete, the setup menu closes.

If ink drops or clogged nozzles remain even after performing Auto Head Maintenance, clean around the print heads and the caps.

 [“Performing Regular Cleaning” on page 29](#)