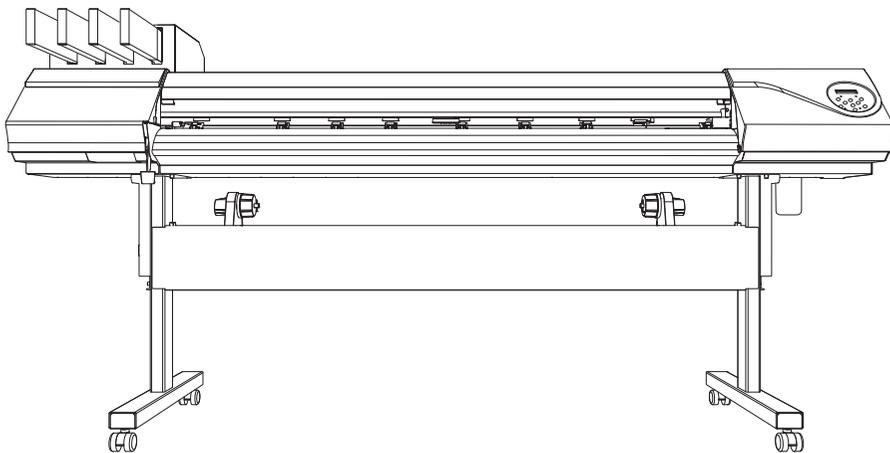


VersaEXPRESS

RF-640A

Setup Guide



Thank you very much for purchasing this product.

- To ensure correct and safe usage with a full understanding of this product's performance, please be sure to read through this manual completely and store it in a safe location.
 - Unauthorized copying or transferral, in whole or in part, of this manual is prohibited.
 - The contents of this manual and the specifications of this product are subject to change without notice.
 - This manual and the product have been prepared and tested as much as possible. If you find any misprint or error, please inform us.
 - Roland DG Corp. assumes no responsibility for any direct or indirect loss or damage which may occur through use of this product, regardless of any failure to perform on the part of this product.
 - Roland DG Corp. assumes no responsibility for any direct or indirect loss or damage which may occur with respect to any article made using this product.
-

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Company names and product names are trademarks or registered trademarks of their respective holders.

1. Installation Environment

Deciding on an Installation Site

Install in a quiet, stable location offering good operating conditions. An unsuitable location can cause accident, fire, faulty operation, or breakdown.

WARNING

Install the machine in a location that is level, stable, and able to bear the weight of the machine.

The total weight may reach over 235 kg (518 lbs). Installation in an unsuitable location may cause a major accident, including tip over, fall, or collapse.

WARNING

Never install out of doors or in any location where exposure to water or high humidity may occur.

Current leakage may cause electrical shock, electrocution, or combustion and fire.

WARNING

Never install close to any flammable object or in a gas-filled location.

Combustion or explosion may be a danger.

WARNING

Install in a clean, brightly lit location.

Conduct operations in a clean, brightly lit location. Working in a location that is dark or cluttered may lead to an accident, such as becoming caught in the machine as the result of an inadvertent stumble.

WARNING

Position so that the power plug is within immediate reach at all times.

This is to enable quick disconnection of the power plug in the event of an emergency. Install the machine next to an electrical outlet. Also, provide enough empty space to allow immediate access to the electrical outlet.

CAUTION

Ensure adequate ventilation for the work area.

Failing to perform ventilation may result in a health hazard or danger of combustion due to ink fumes.

Unsuitable Installation Sites

- Locations subject to large fluctuations in temperature or humidity
- Locations subject to shaking or vibration
- Locations where the floor is tilted, not level, or unstable
- Dusty locations
- Locations exposed to direct sunlight
- Locations exposed to direct near air-conditioning or heating equipment
- Locations exposed to water or moving air
- Locations exposed to considerable electrical or magnetic noise, or other forms of electro-magnetic energy

1. Installation Environment

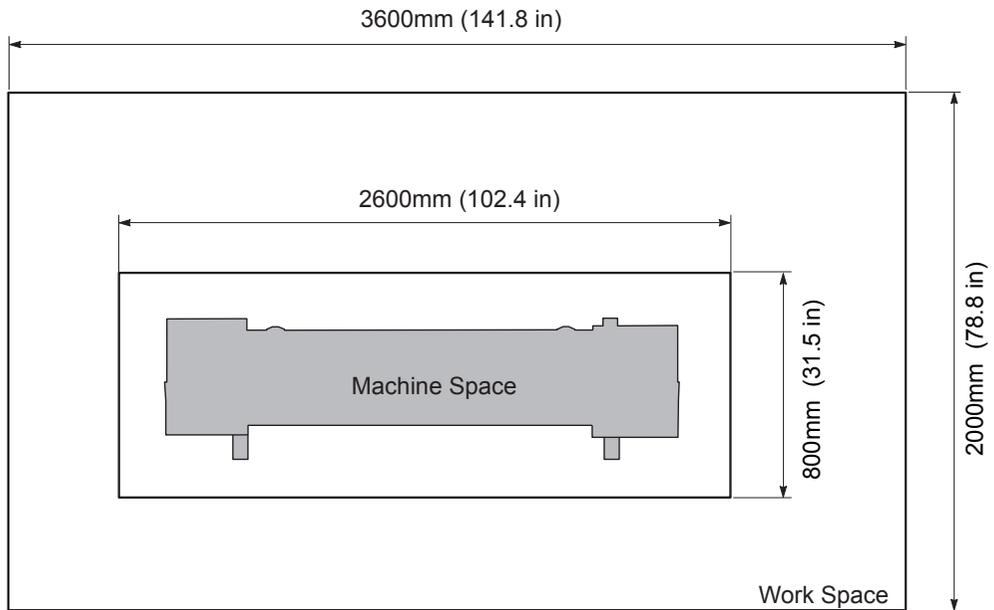
Temperature and Humidity

Maintain the specified temperature and humidity even when the machine is not in use. If temperatures are too high or too low, it may cause malfunction.

During operation: Temperature 20 to 32°C (68 to 90°F), relative humidity 35 to 80% (no condensation)
During non-operation: Temperature 5 to 40°C (41 to 104°F), relative humidity 20 to 80% (no condensation)

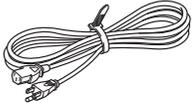
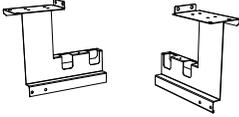
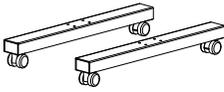
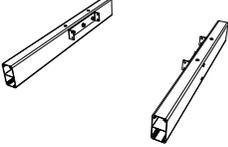
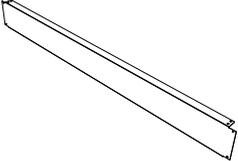
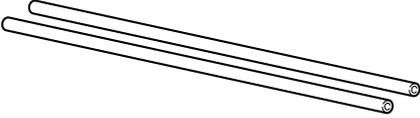
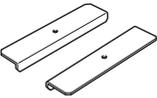
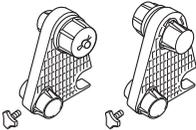
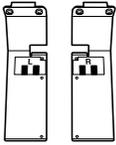
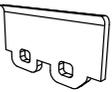
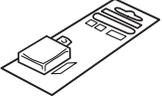
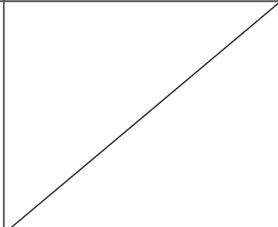
Installation Space

The space shown in the figure is required in order to use this machine.



2. Included Items

The following items are packed together with the machine. Make sure they are all present and accounted for.

 <p>Power cord (1)</p>	 <p>Arms (one for right and left each)</p>	 <p>Casters (2)</p>	 <p>Stand legs (one for right and left each)</p>
 <p>Stand stay (1)</p>		 <p>Shafts (2)</p>	
 <p>Shaft clamps (2)</p>	 <p>Bolts (38)</p>	 <p>Washer (12)</p>	 <p>Hexagonal wrench (1)</p>
 <p>Pipe (1)</p>	 <p>Cable clamp (1)</p>	 <p>Media holders / Media holder retaining screws (one for right and left each)</p>	 <p>Media clamps* (one for right and left each)</p>
 <p>Replacement wiper (1)</p>	 <p>Cleaning sticks</p>	 <p>Replacement blades for separating knife (1)</p>	 <p>Drain bottles (2)</p>
 <p>Replacement felt wiper (1)</p>	 <p>Tweezers (1)</p>	 <p>Read this first. (1)</p>	

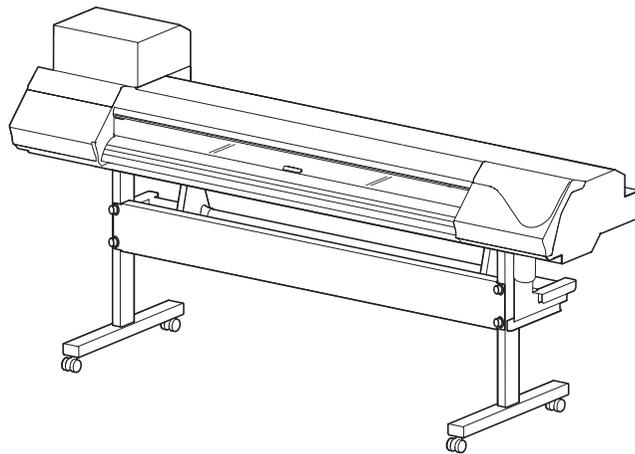
3. About the Symbols

The meanings of the symbols used in this document are as follows.

	<p>The symbol indicates things that must be followed in relation to operation. Always follow these instructions to prevent accident or damage due to misoperation.</p>
	<p>The symbol indicates things that must be checked visually in relation to operation. Always perform a visual check to prevent accident or damage due to failure to check.</p>
	<p>The symbol indicates "additional information".</p>

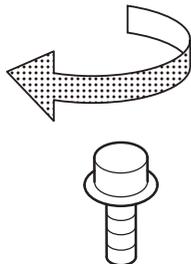
4. Assembling and Installing

Completed drawing

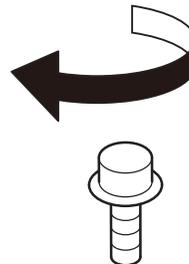


About the picture

Tighten temporary



Tighten fully



Assembling and Installing

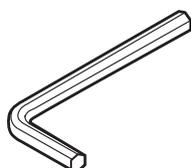
⚠ WARNING

Perform this task with all power switches left switched off. Otherwise sudden movement of the machine may cause injury.

⚠ CAUTION

Unpacking and installation must be carried out by six or more personnel. Otherwise the machine or the stand may fall, resulting in injury.

Necessary tool (Included items)



Hexagonal Wrench



Pipe

(Use this pipe if the hexagonal wrench is too short to tighten the bolt)

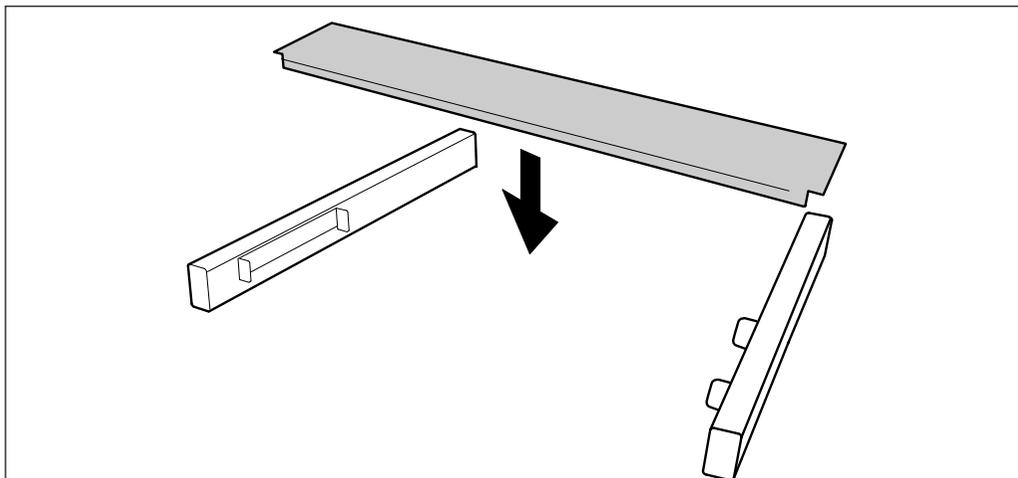
4. Assembling and Installing



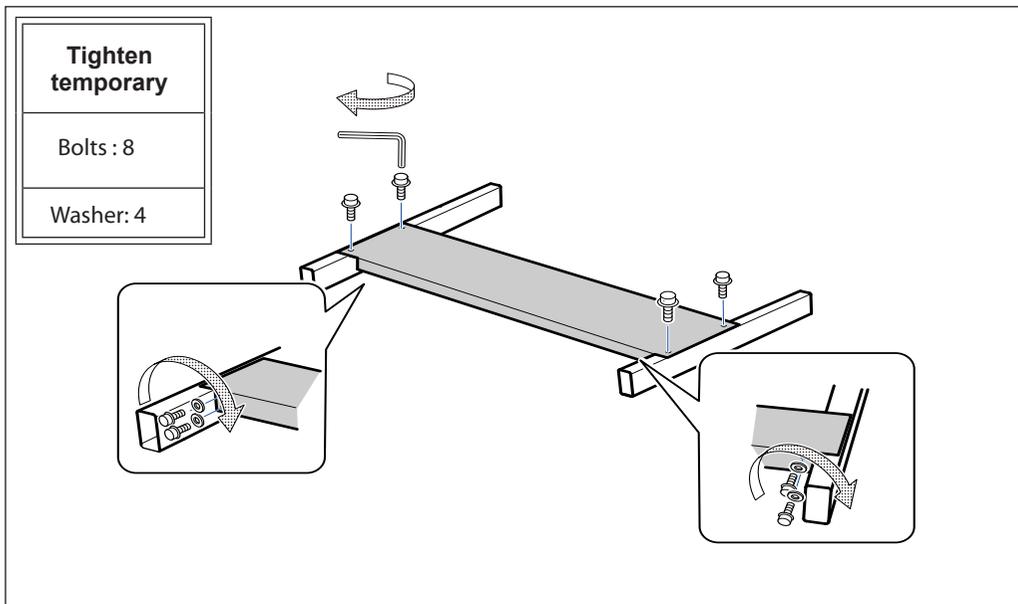
When tightening the bolts fully, tighten them securely. Loose bolts may cause the stand to wobble.

1. Assemble the stand.

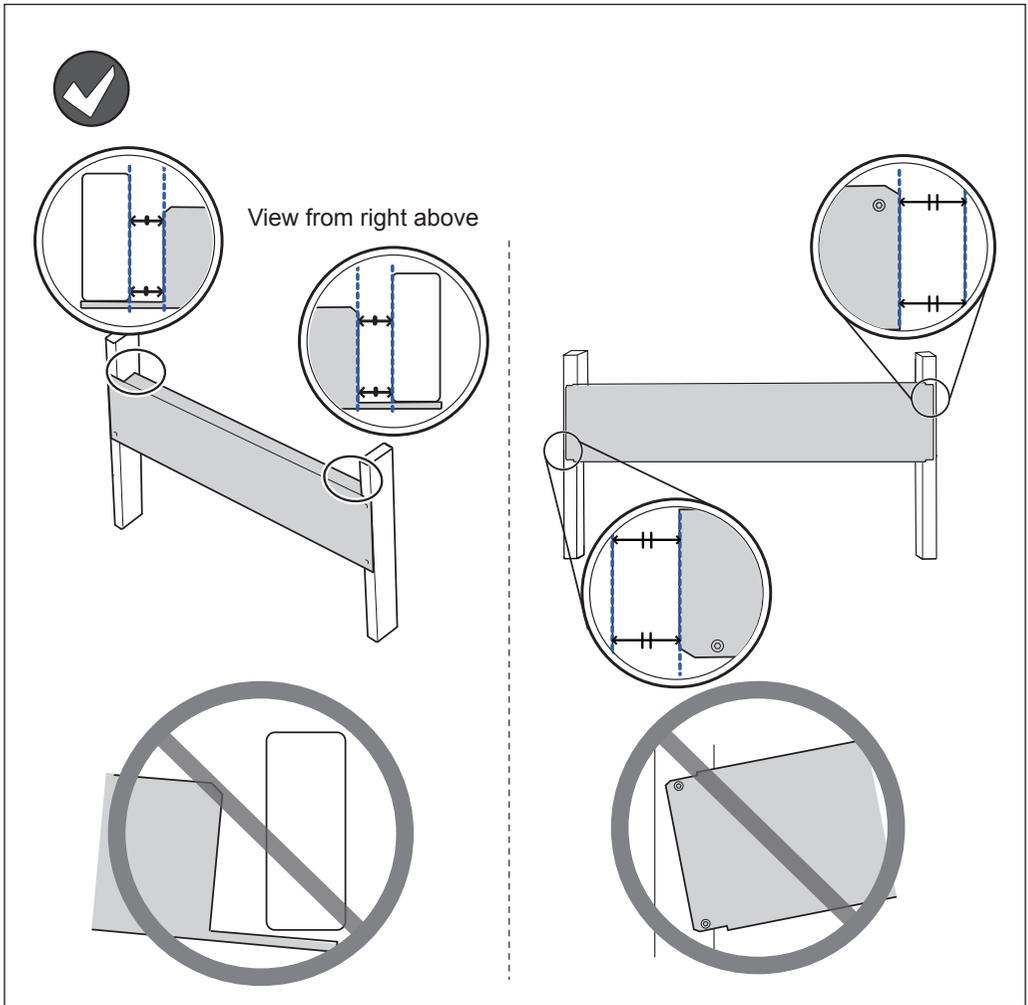
1



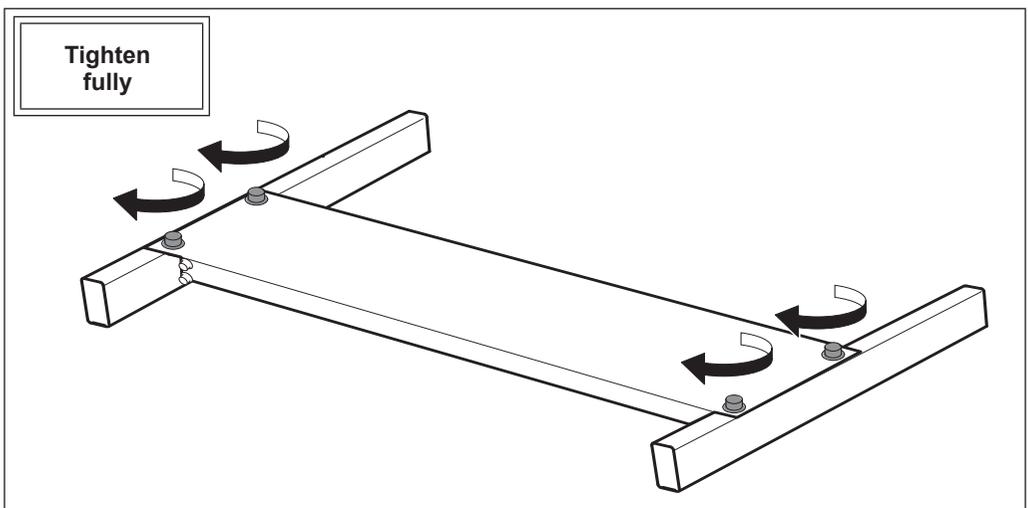
2



3

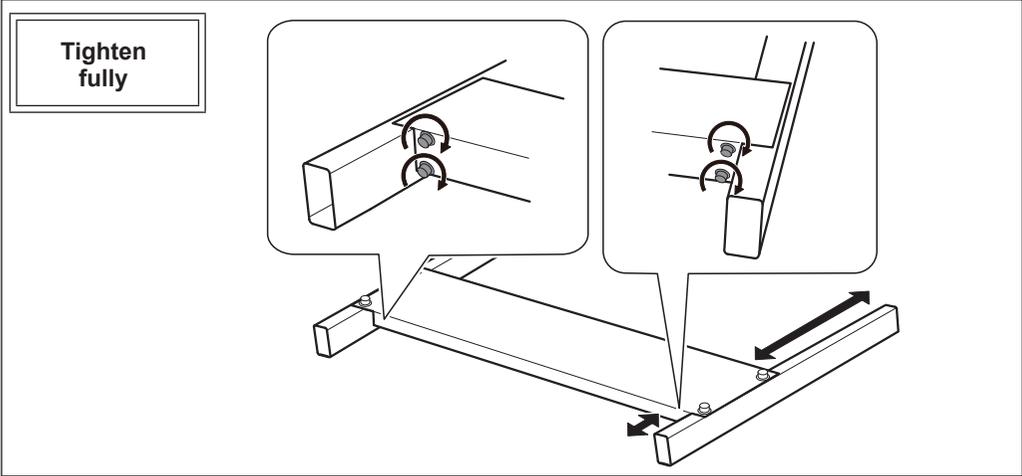


4

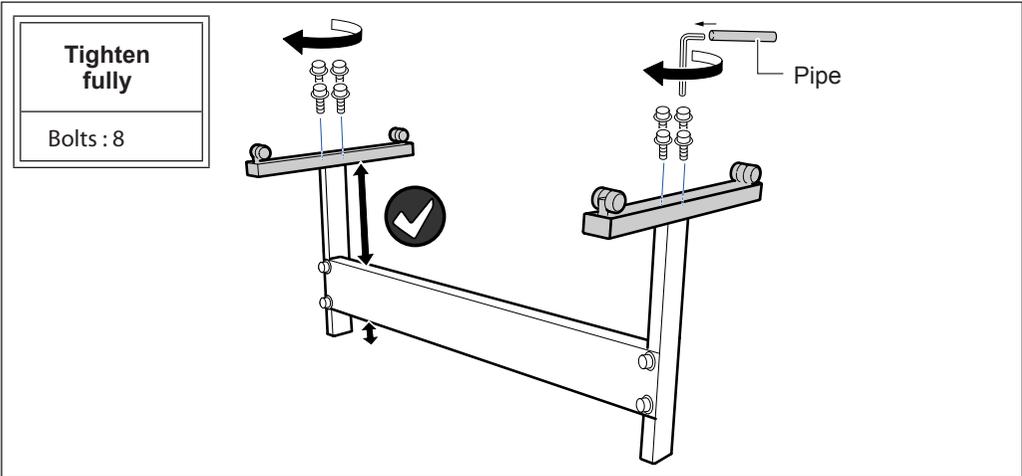


4. Assembling and Installing

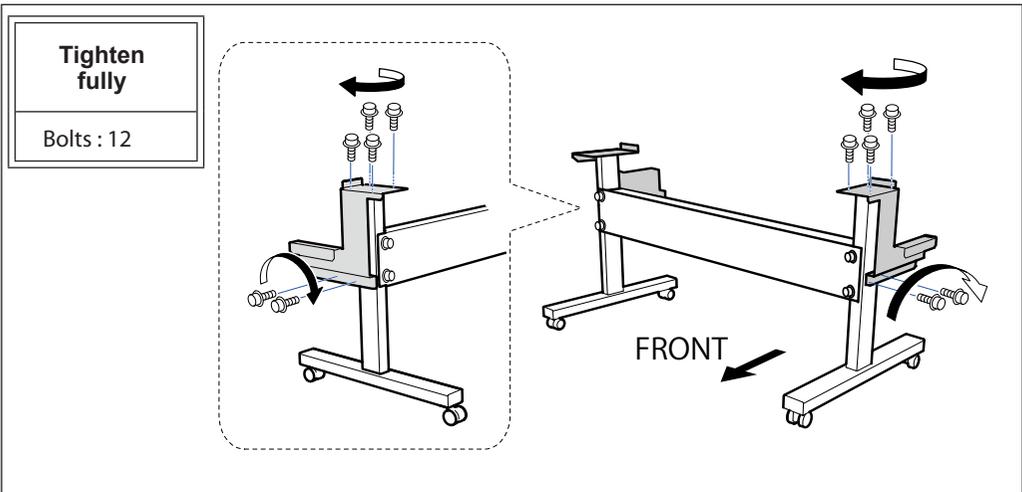
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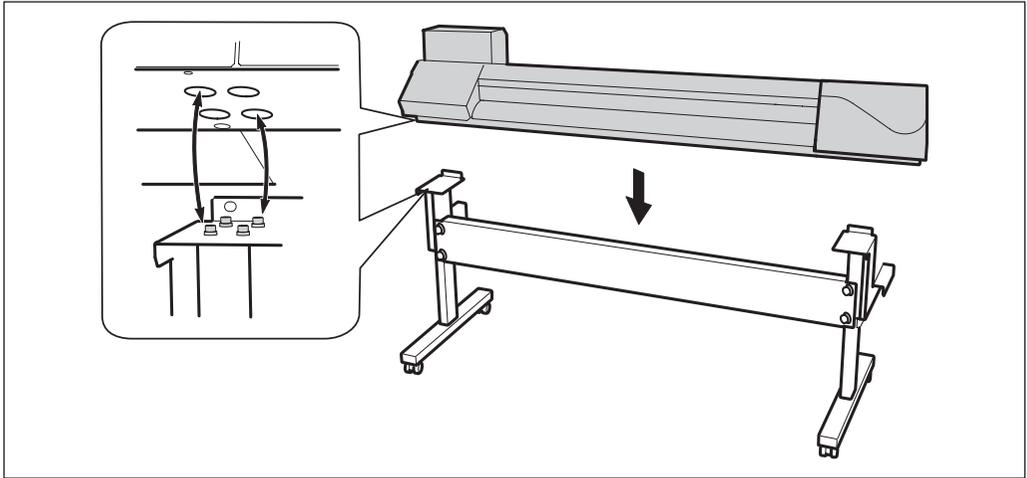
6



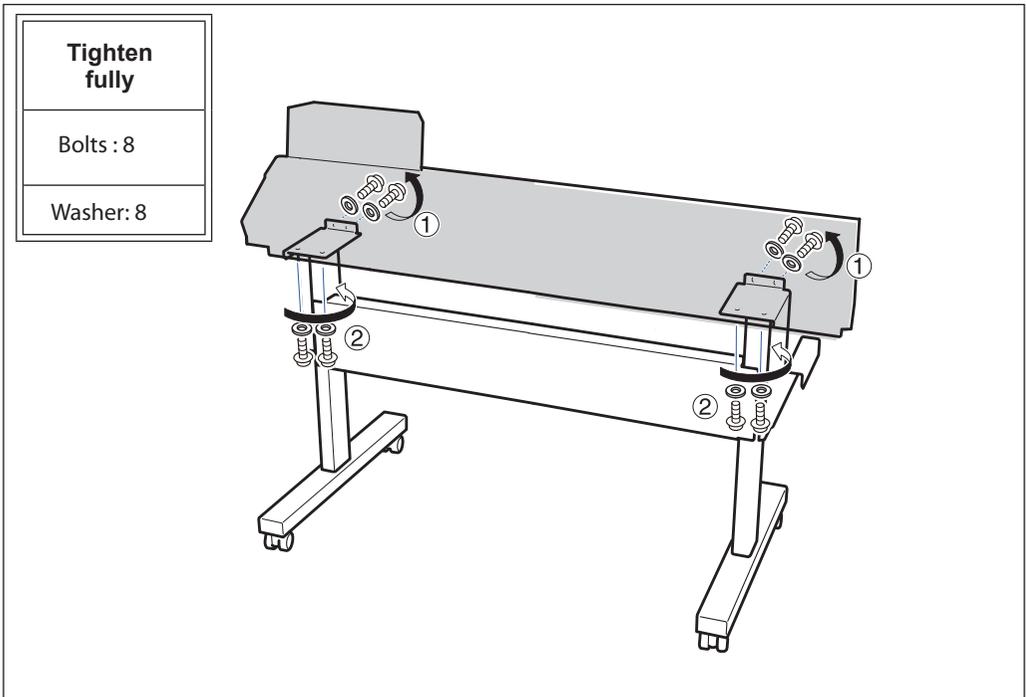
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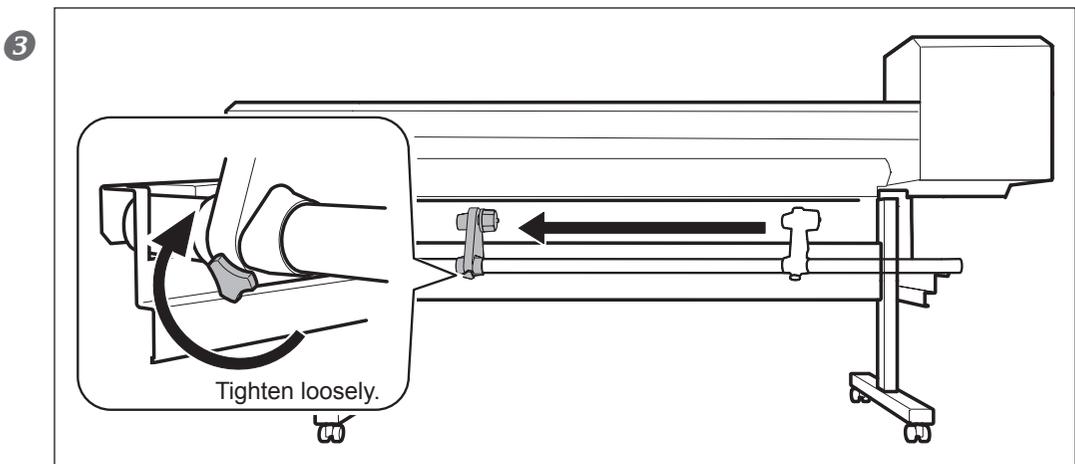
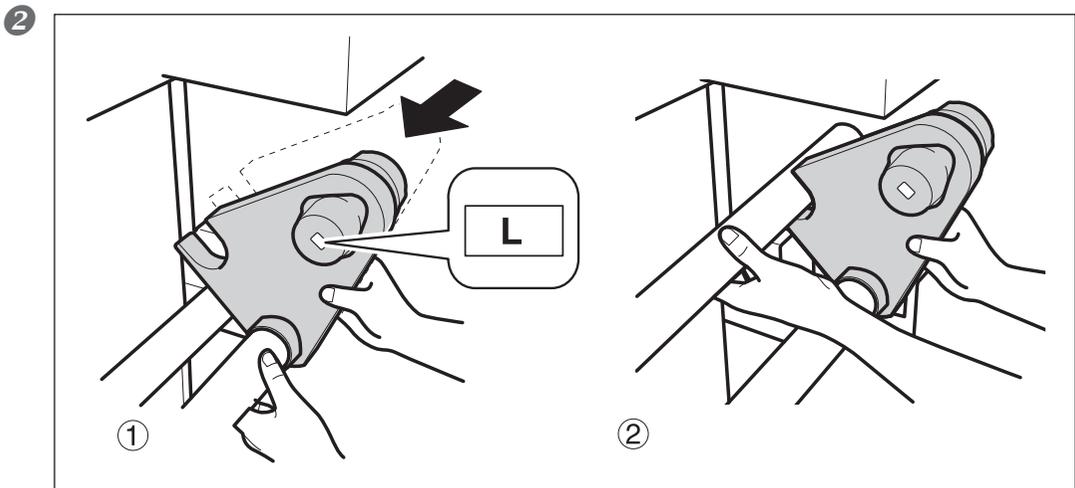
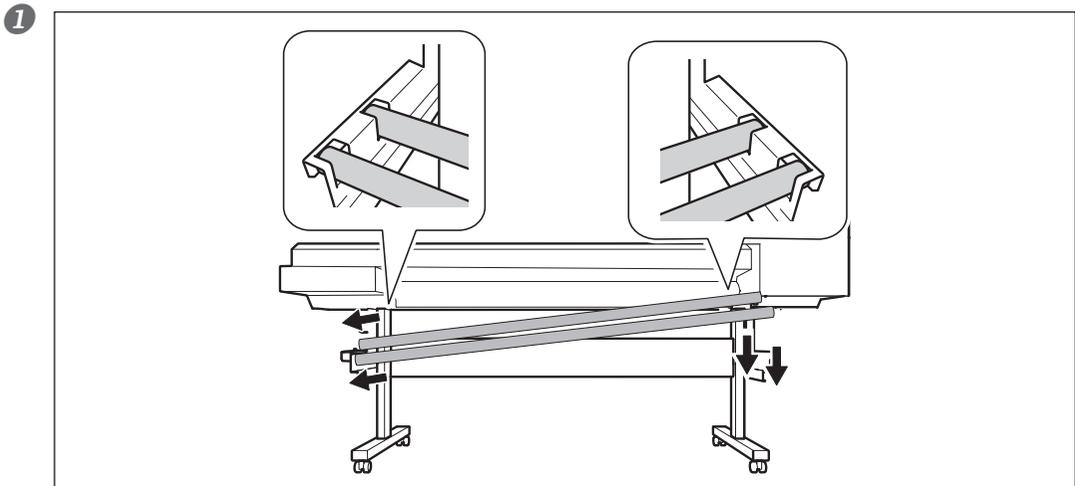
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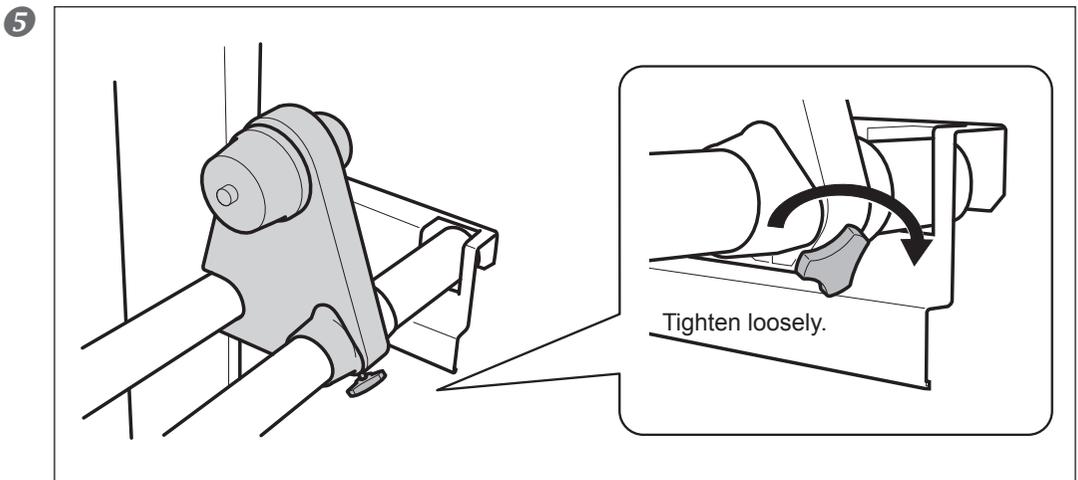
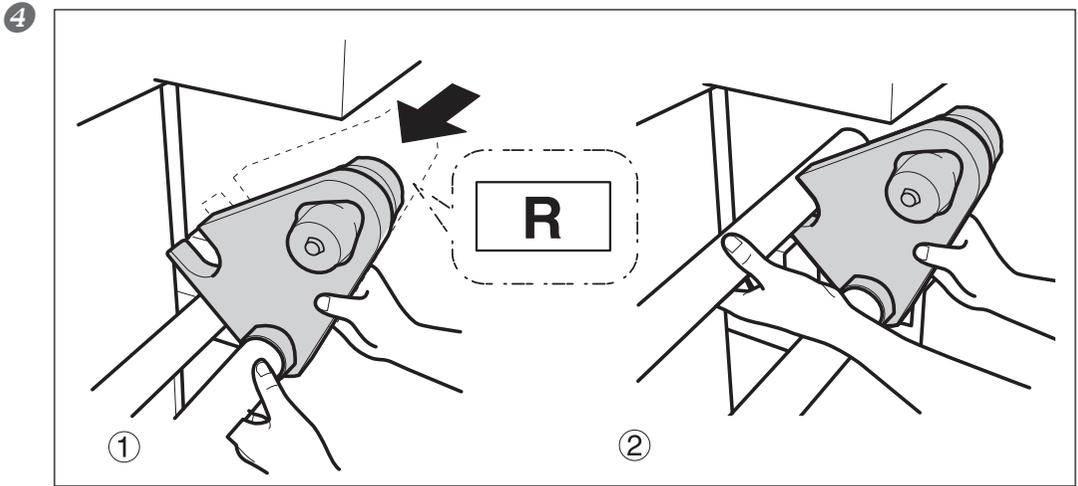


9

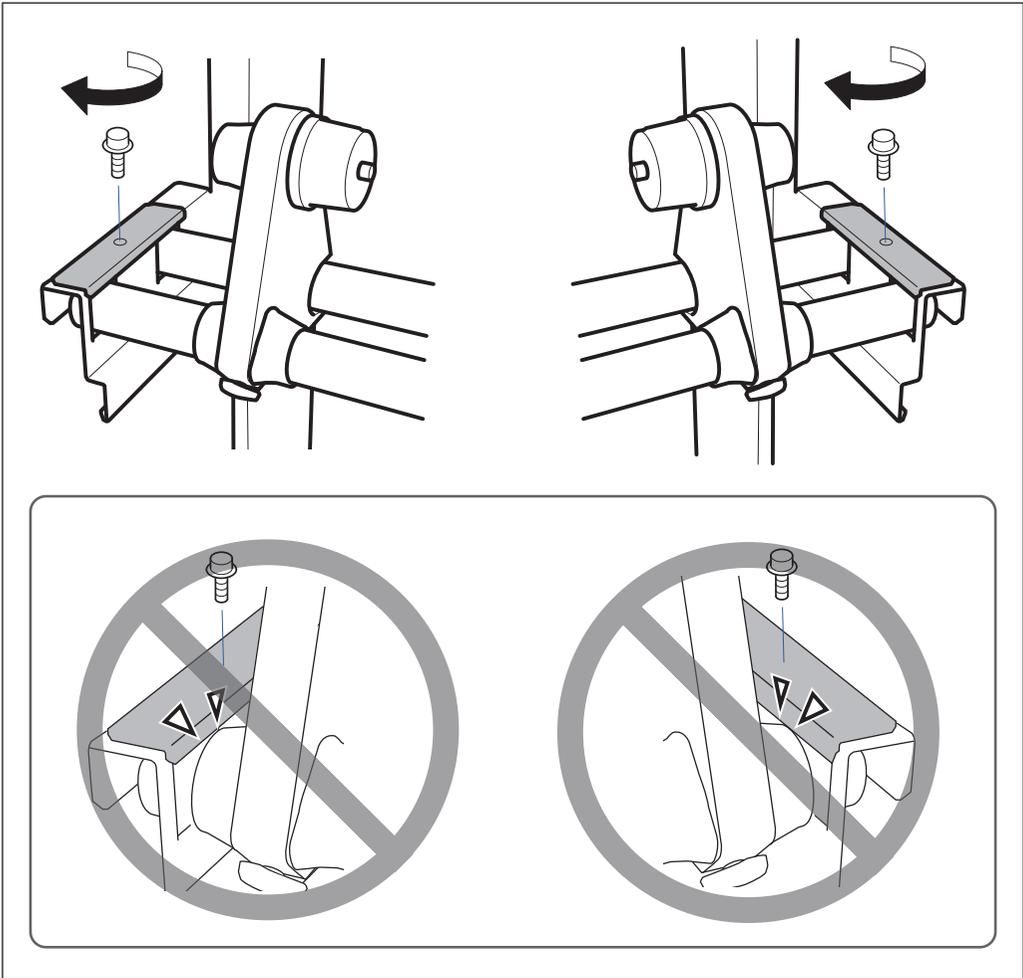


2. Install the media holder.

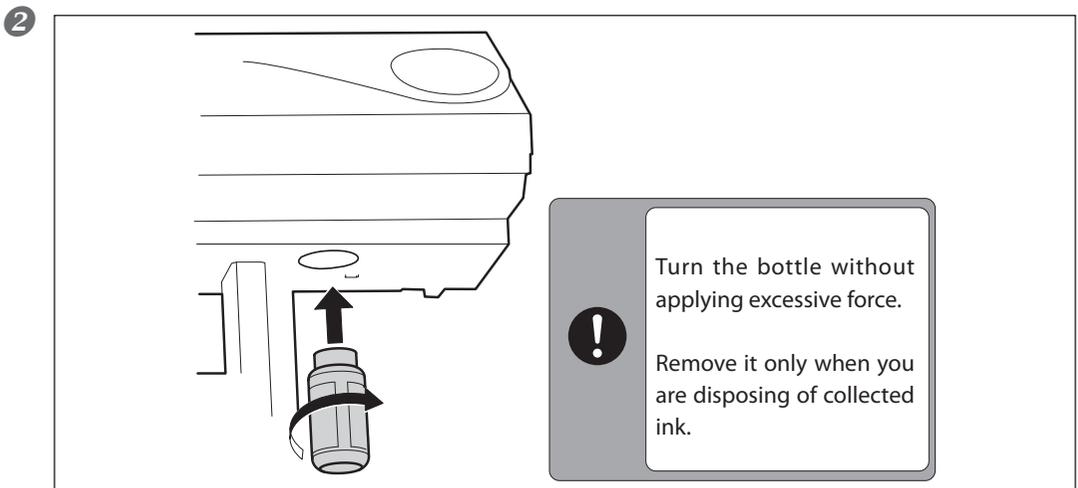
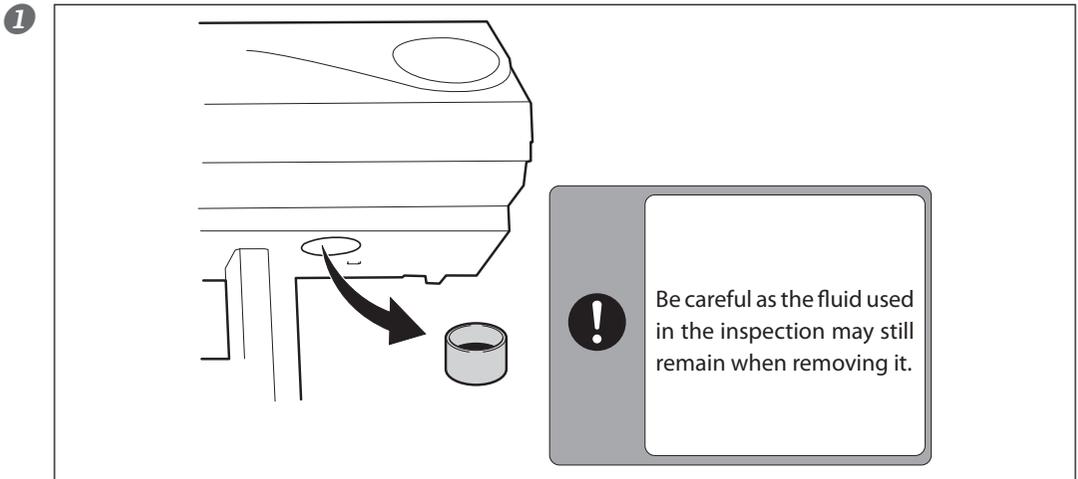




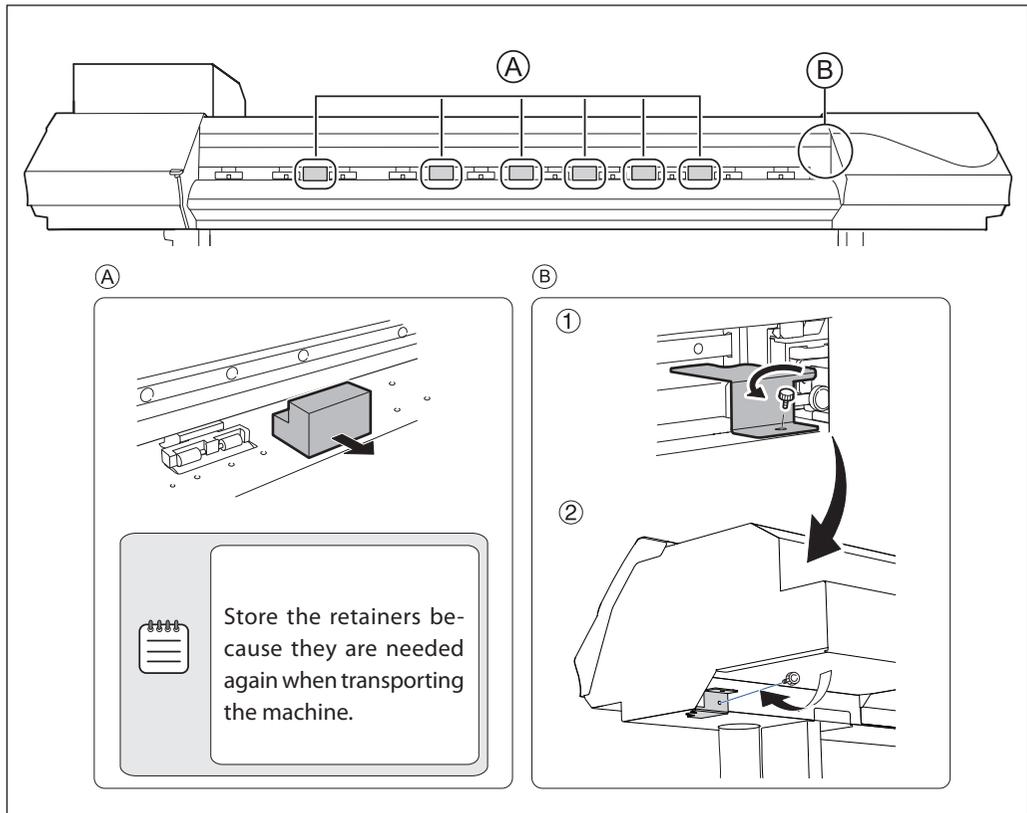
6



3. Install the drain bottle.



4. Remove the retainers.



5. Connecting the Cables

Connecting the Cables

⚠️ WARNING

Connect to electrical outlet that complies with this machine's ratings (for voltage, frequency, and current).

Incorrect voltage or insufficient current may cause fire or electrical shock.

⚠️ WARNING

Connect to ground.

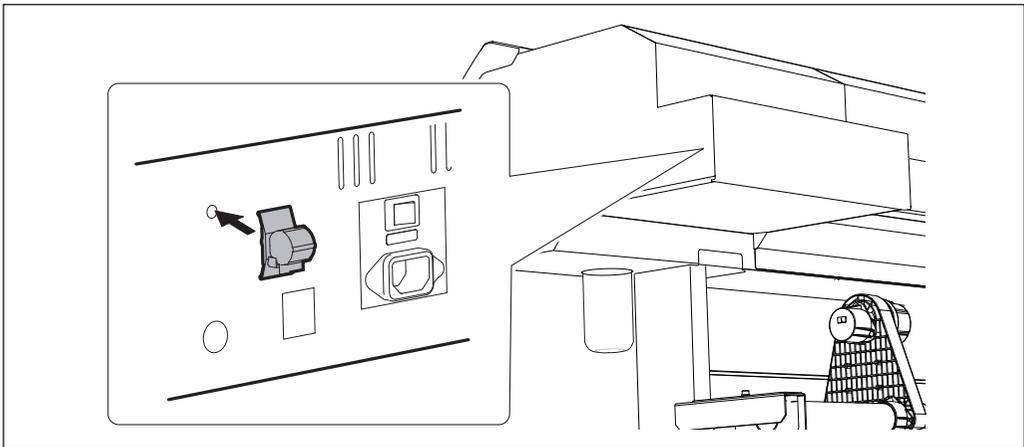
This can prevent fire or electrical shock due to current leakage in the event of malfunction.

⚠️ WARNING

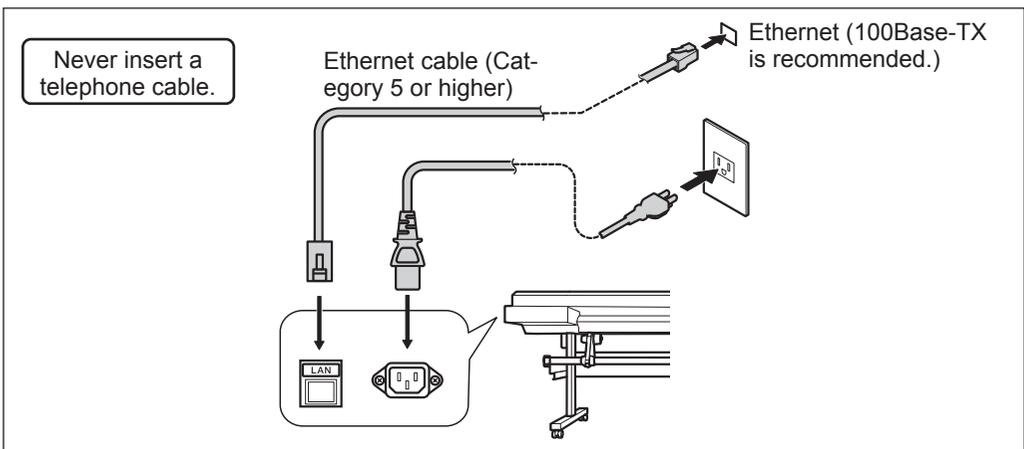
Perform this task with all power switches left switched off.

Otherwise sudden movement of the machine may cause injury.

1

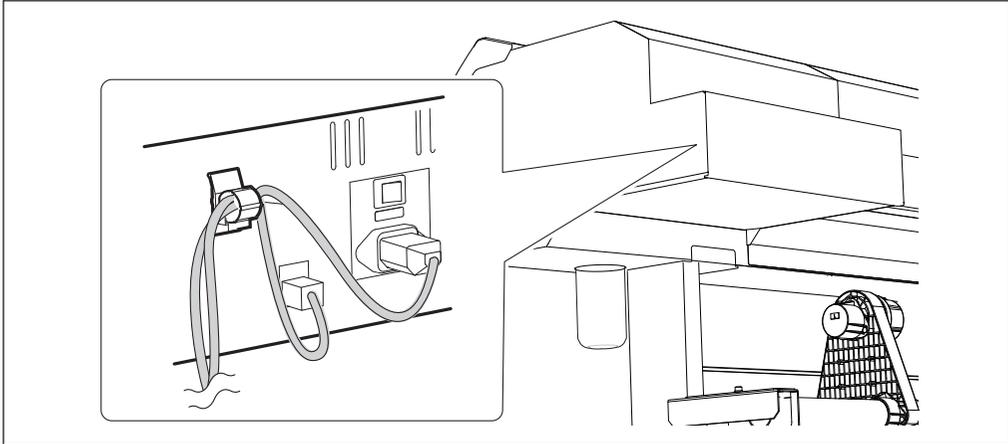


2

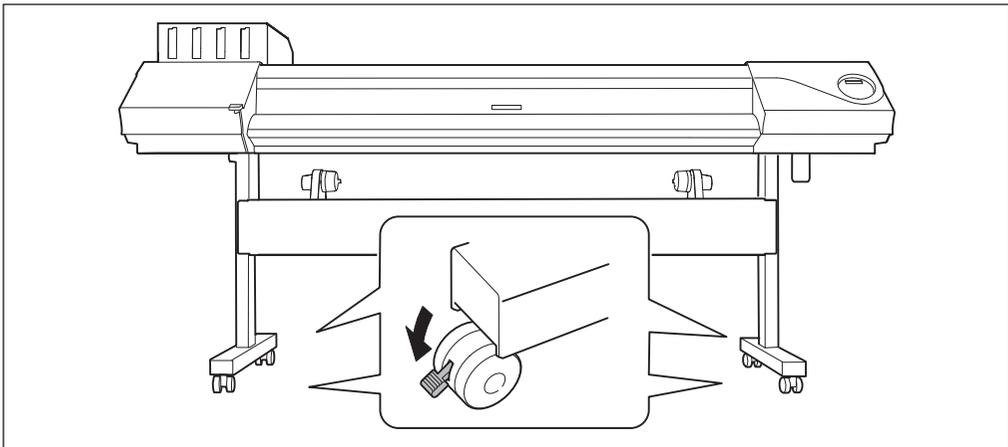


5. Connecting the Cables

3

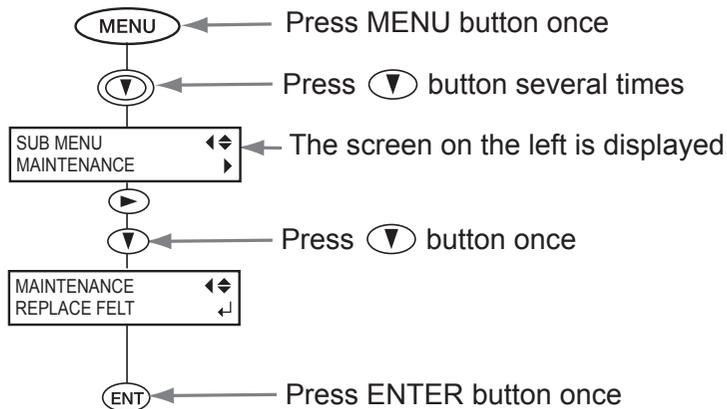
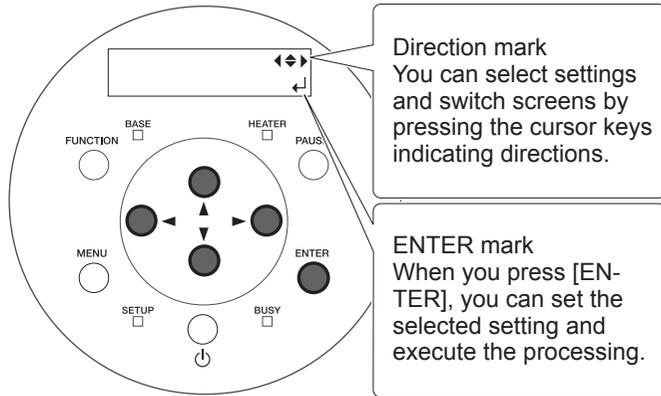


4



6. Solvent-based ink model: Filling with Ink

About the picture



Filling with Ink for the First Time

⚠ CAUTION

Never insert your hand or fingers into the opening of the front cover. The print head carriage moves at high speed inside the cover. Hitting may cause injury.

Necessary items

*Not packed together with the machine. Contact your dealer or us for the purchase.

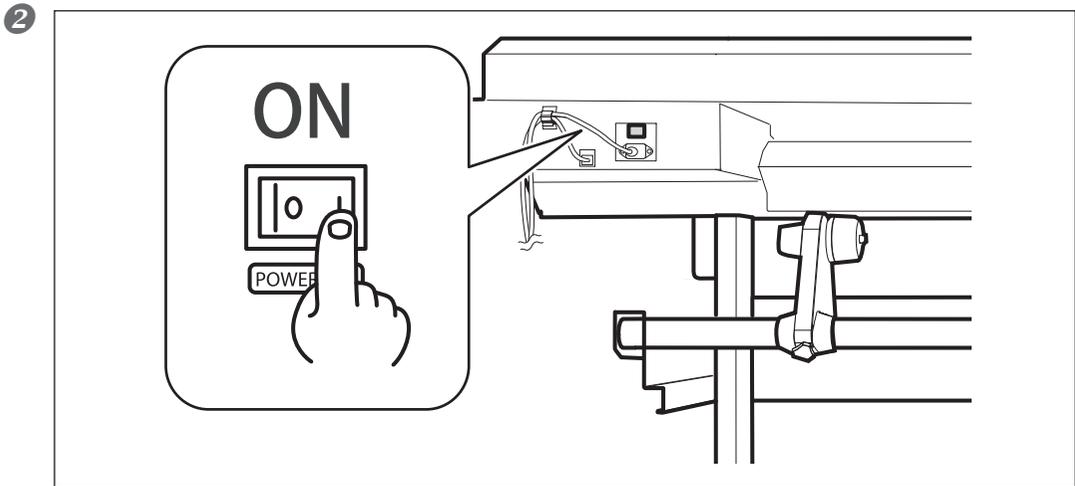
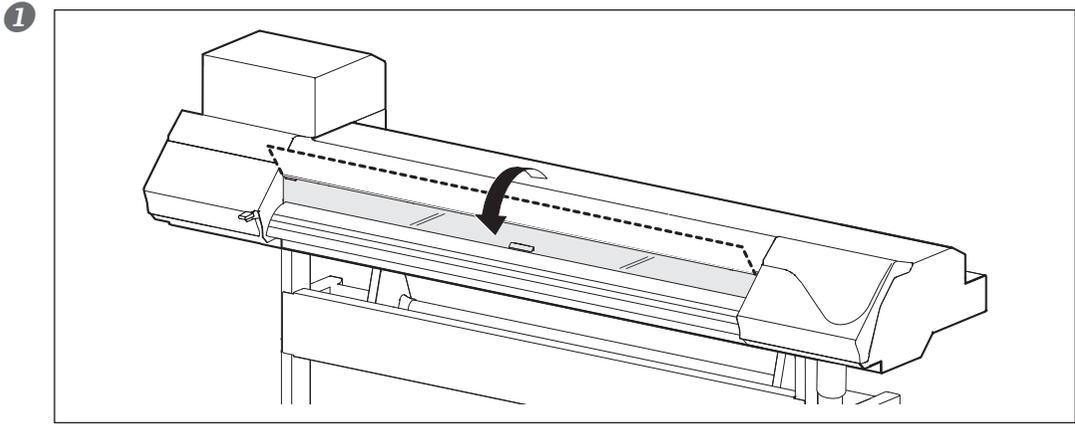
*Cleaning cartridges for solvent-based ink (2)

*Cleaning liquid for solvent-based ink

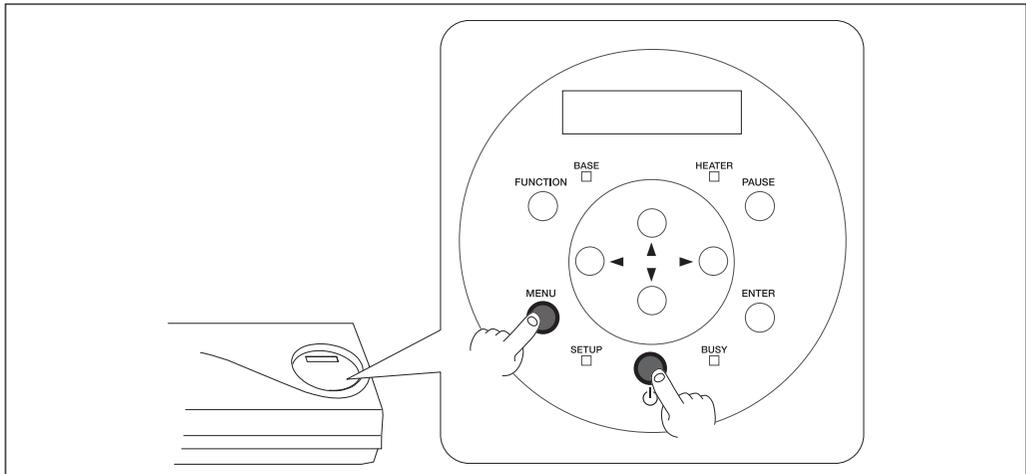
Cleaning stick

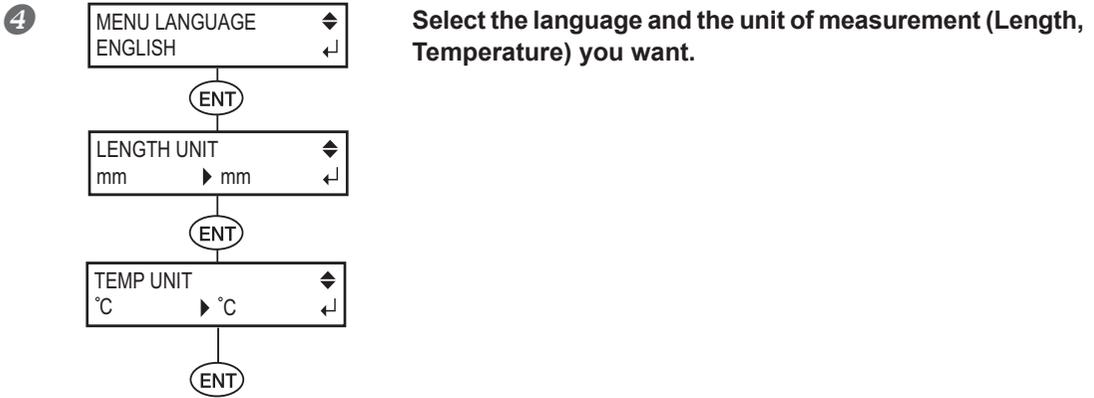
*Solvent-based ink cartridges (4) (C, M, Y, K)

1. Make the initial settings.



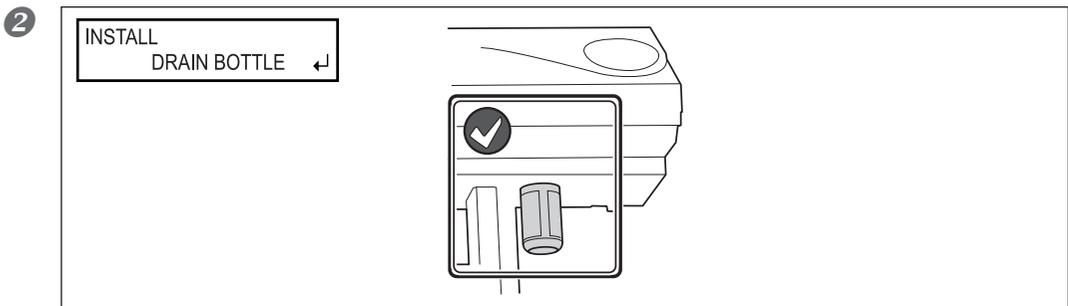
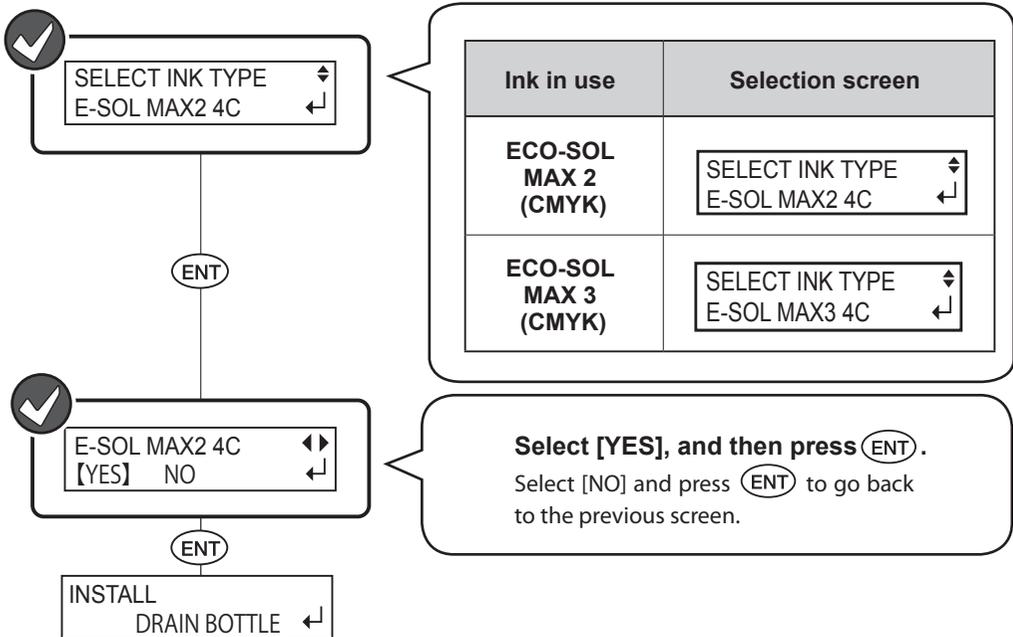
3 Hold down **MENU** and press the sub power switch.



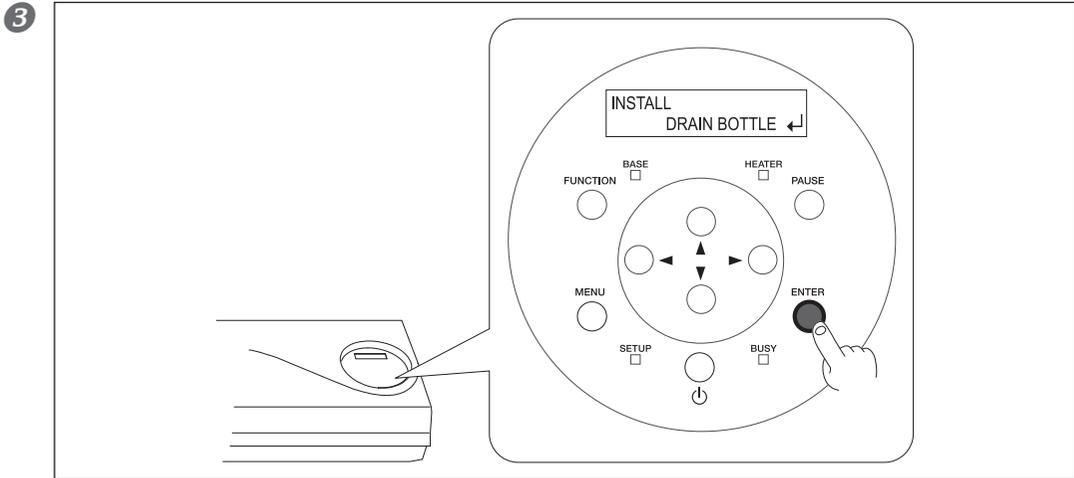


2. Select the ink type.

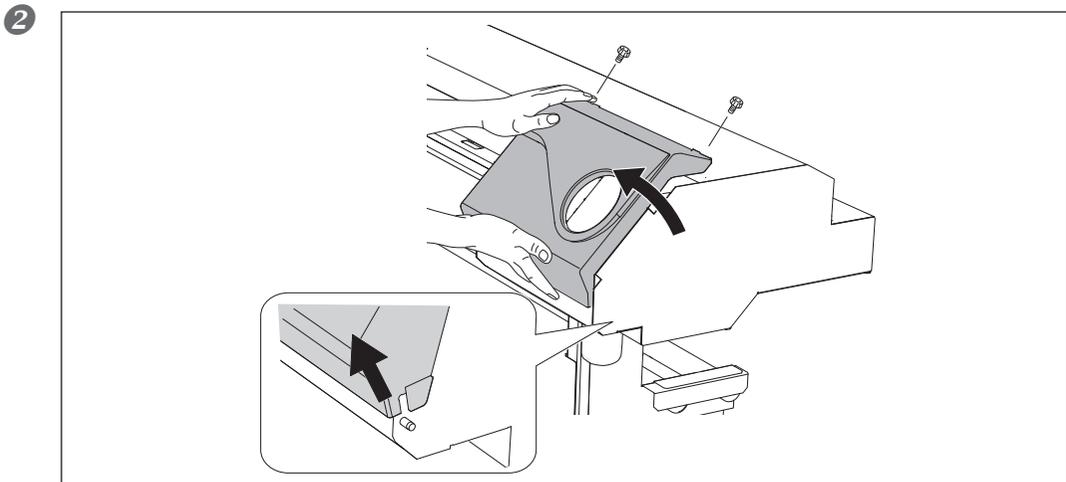
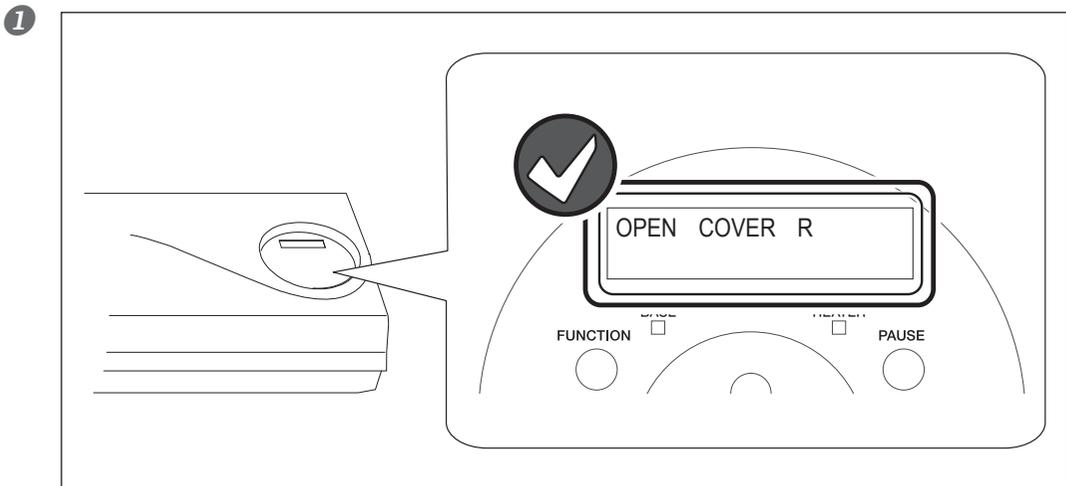
- 1 Select the type of ink that you are using.



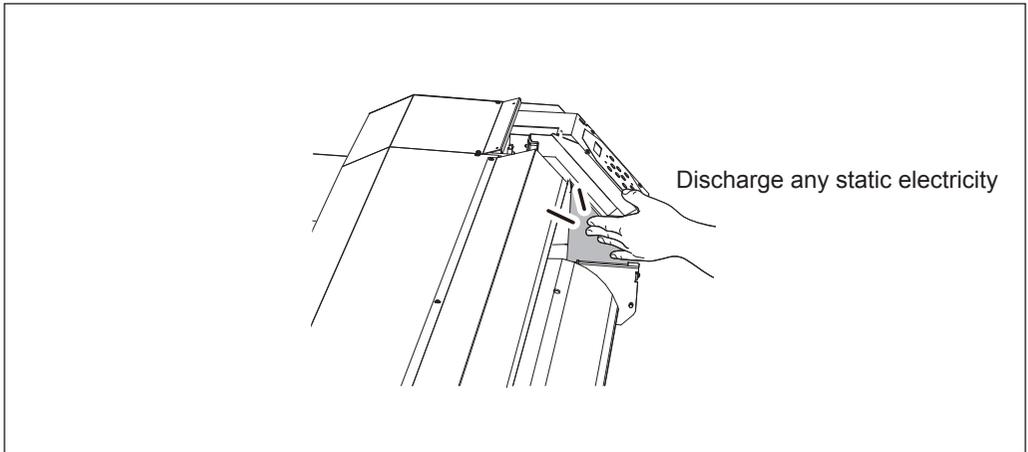
6. Solvent-based ink model: Filling with Ink



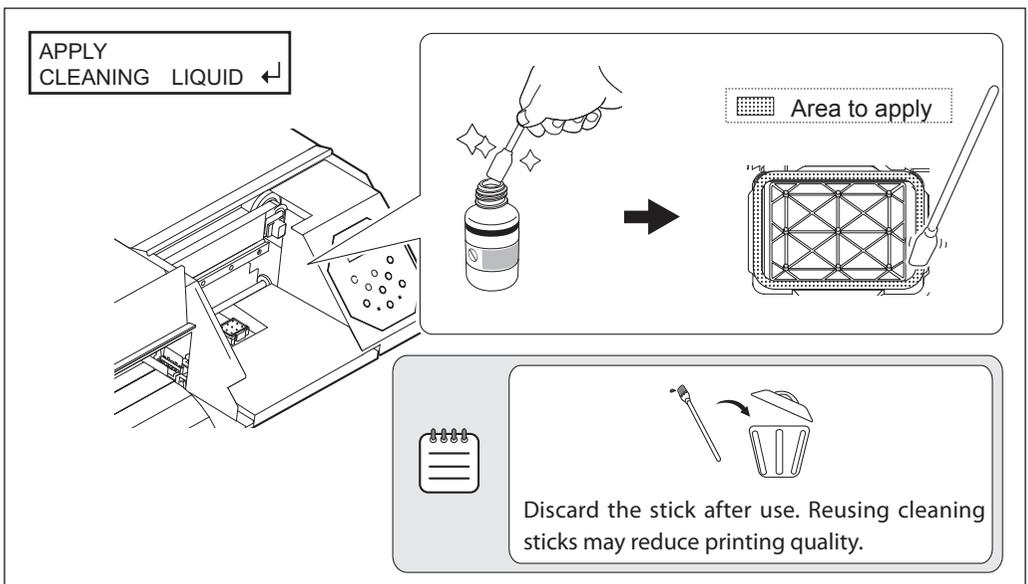
3. Apply the Cleaning Liquid.



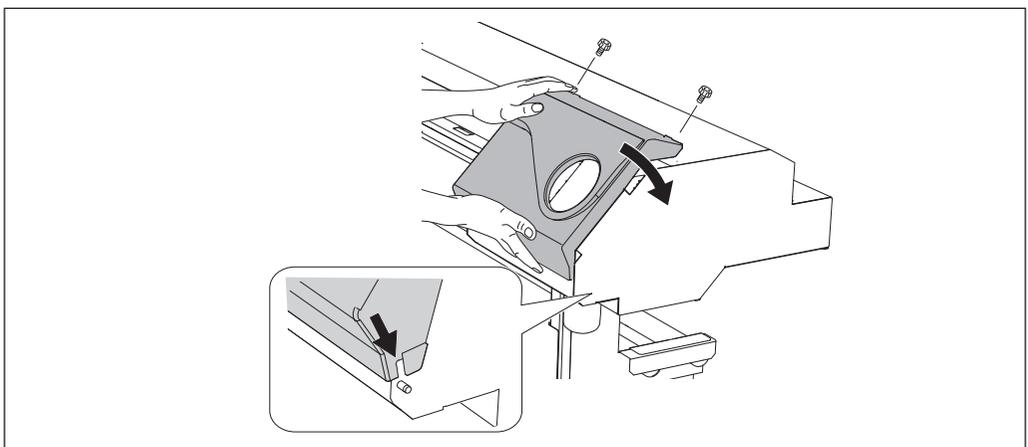
3

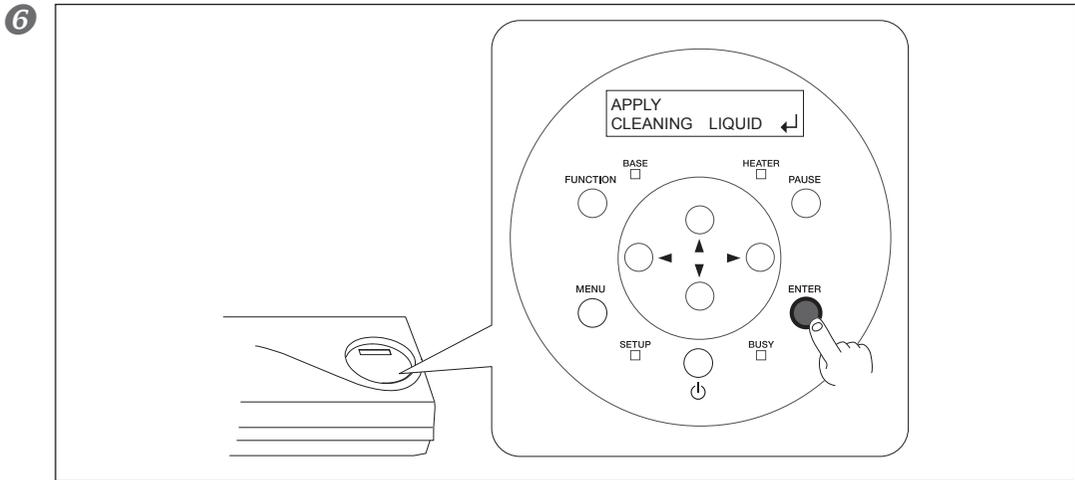


4



5





4. Clean the print head with the cleaning cartridges for solvent-based ink.





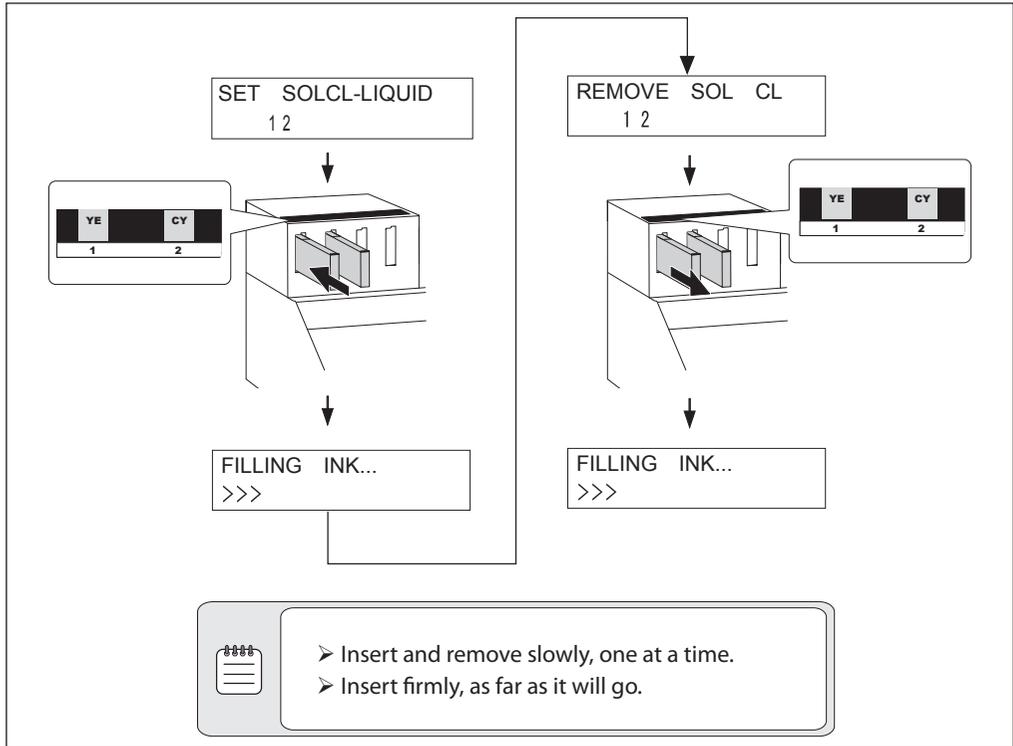


FILLING INK...
>>>

Never switch off the power during the procedures or never remove a cartridge while [FILLING INK] is displayed. [CLEANING ERROR] appears on the display screen and ink filling is stopped. In that case, follow the instructions described in the section "Cleaning error" in "If Error Message Appears" of User's Manual to recover from the error, and then start from the beginning.

- 1 Follow the on-screen instructions to remove and insert the cleaning cartridges for solvent-based ink.

*Be sure to use new cleaning cartridges for solvent-based ink.



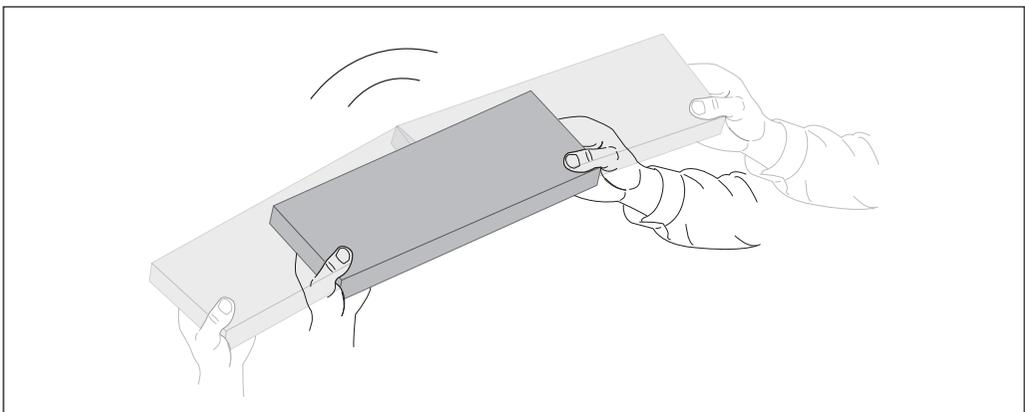
- 2 By following the on-screen instructions, clean the print head.

It takes about 15 minutes in total to clean the print head.

5. Filling with Ink.

- 1 Shake the ink cartridges for each color gently.

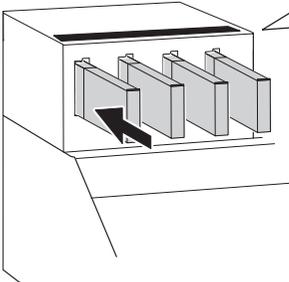
*Be sure to use new ink cartridges.

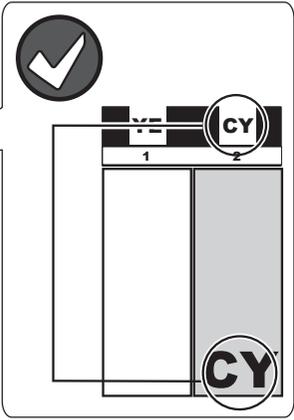


6. Solvent-based ink model: Filling with Ink

2

SET SOL CRT.
1 2 3 4







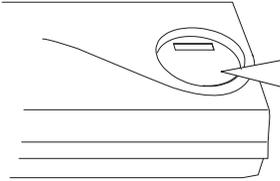


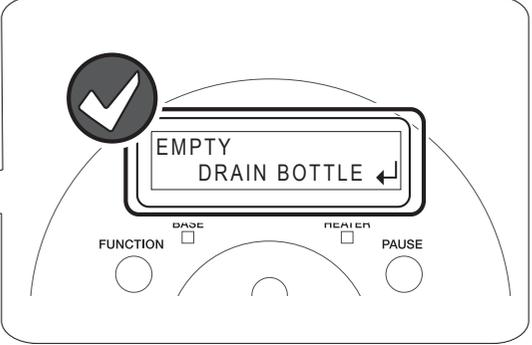
Insert each color ink cartridge into the slot labeled with the matching color. If you insert wrong ink cartridges, the color inks may be mixed. Contact your authorized Roland DG Corp. dealer or us, if you insert wrong ink cartridges.

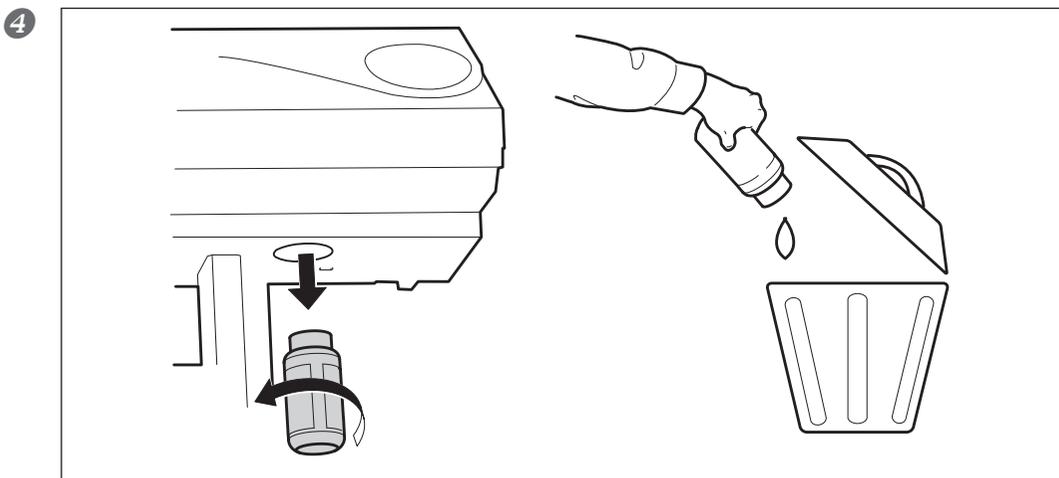


Filling ink takes about 15 minutes.

3







⚠ CAUTION

Before you detach the drain bottle, be sure to wait for the screen to display "EMPTY DRAIN BOTTLE."

Failing to follow this procedure may cause discharged fluid to flow out of the tube and spill, soiling your hands or the floor.

⚠ WARNING

Never put discharged fluid or ink closed to fire.

Doing so may cause the blaze.

⚠ CAUTION

To store discharged fluid temporarily, keep it in the provided drain bottle or in a durable container such as a metal can or polyethylene tank, and close the cap tightly.

Any spillage or vapor leakage may cause fire, odor, or physical distress.

Store discharged fluid in a location not exposed to direct sunlight.

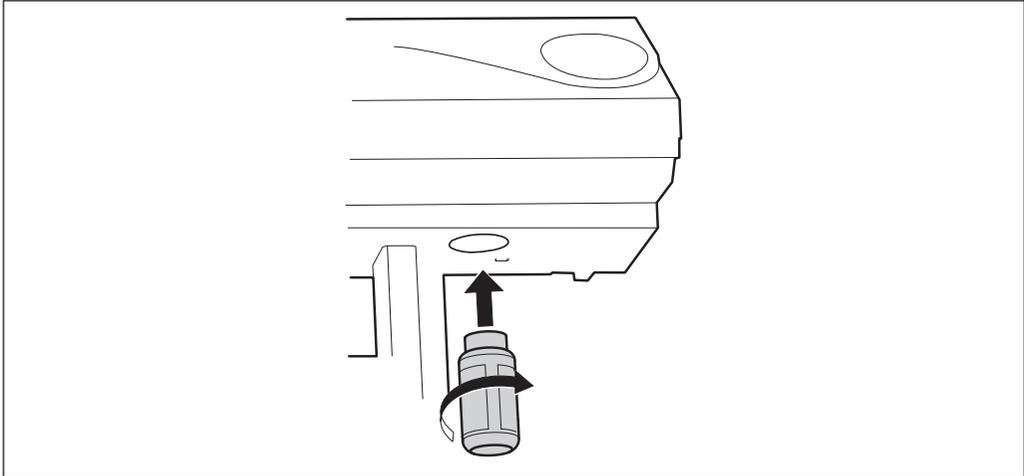
When temporarily storing discharged fluid in the included drain bottle, keep the drain bottle out of direct sunlight. Otherwise the discharged fluid may harden, the waste bottle may become unusable, or the waste bottle may be deteriorated, the discharged fluid may leak.

Dispose discharged fluid properly, in accordance with the laws in effect in your local.

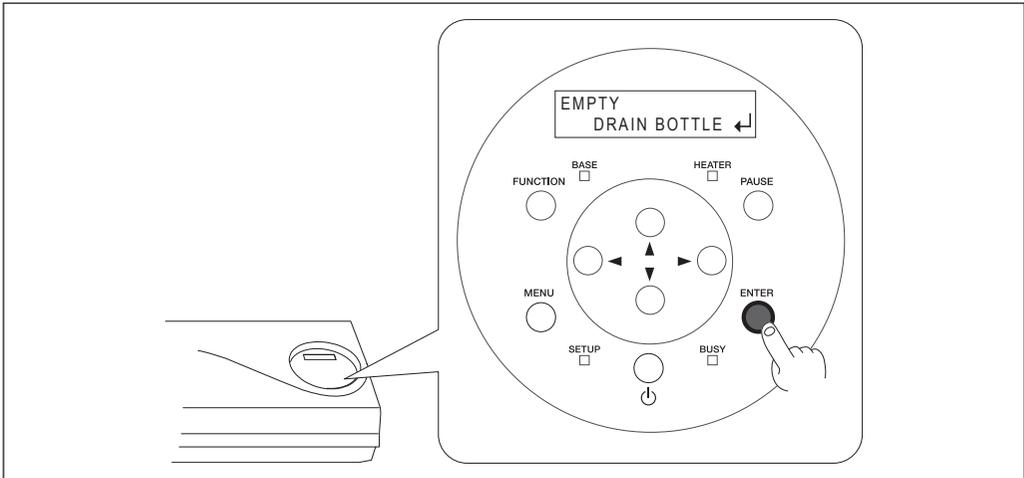
Discharged fluid is flammable and contains toxic ingredients. Never attempt to incinerate discharged fluid or discard it with ordinary trash. Also, do not dispose of it in sewer systems, rivers, or streams. Doing so may have an adverse impact on the environment.

6. Solvent-based ink model: Filling with Ink

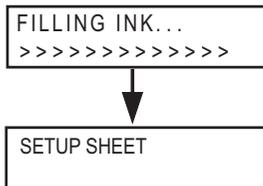
5



6



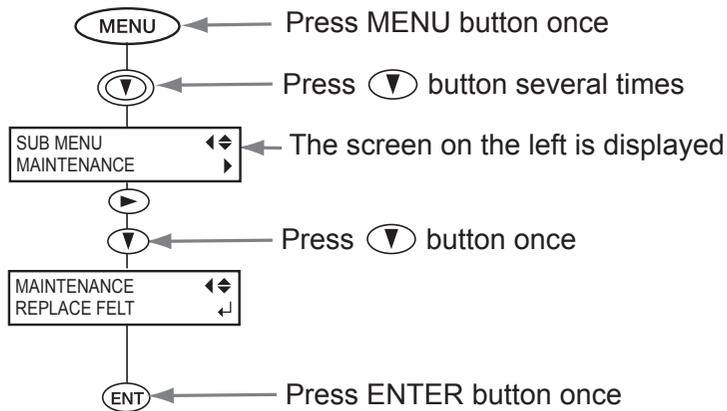
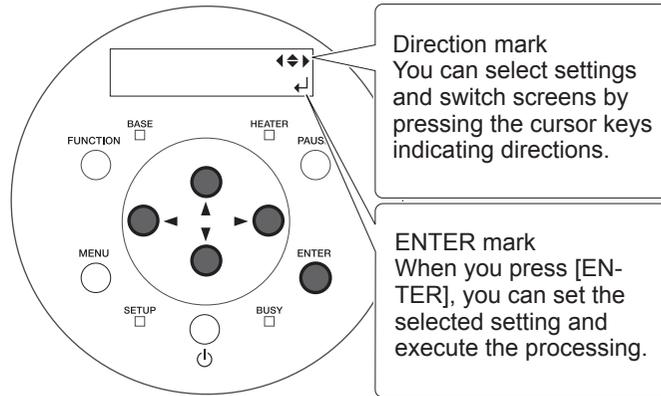
7



When this screen appears, filling with ink is finished.

7. Water-based ink model: Filling with Ink

About the picture



Filling with Ink for the First Time

⚠ CAUTION

Never insert your hand or fingers into the opening of the front cover.

The print head carriage moves at high speed inside the cover. Hitting may cause injury.

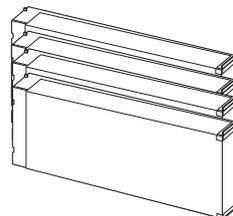
Necessary items



*Cleaning liquid for water-based ink



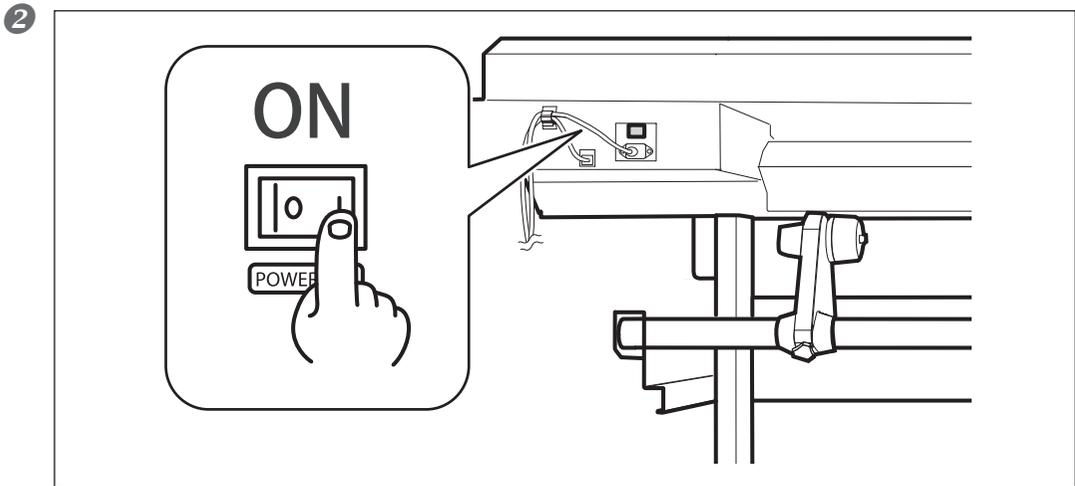
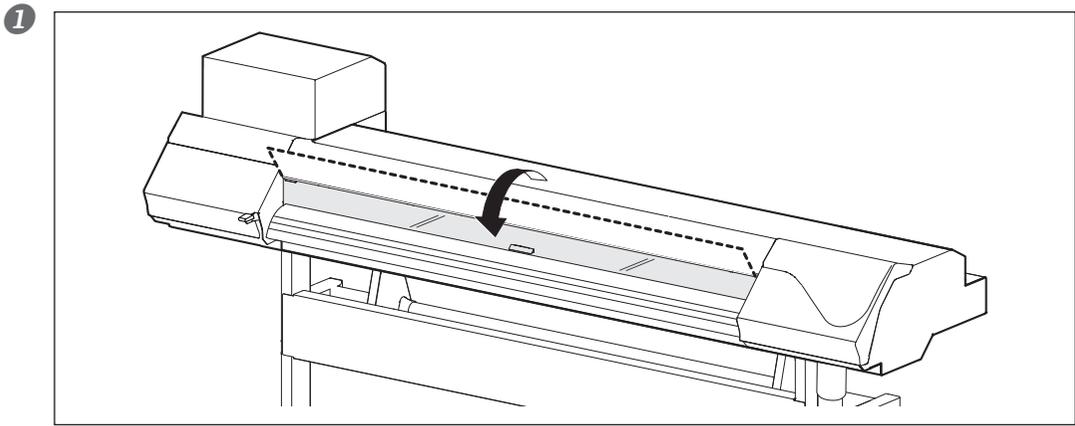
Cleaning stick



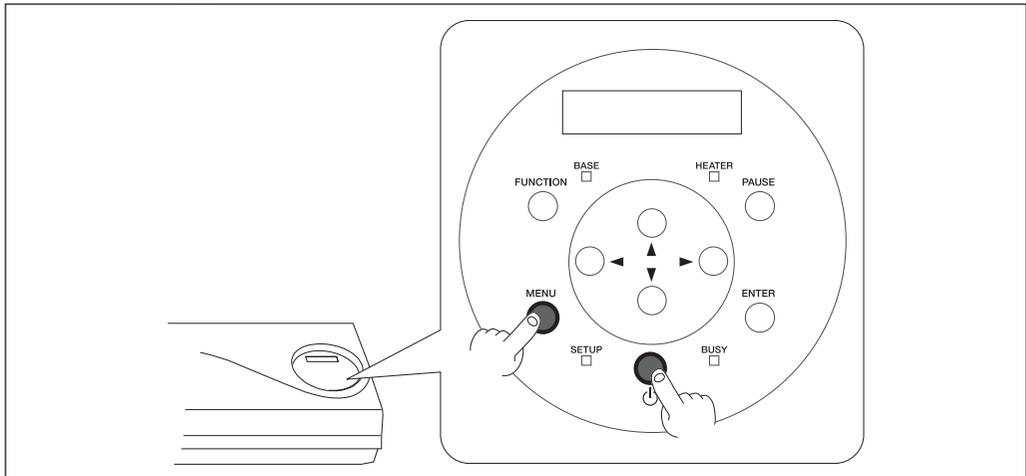
*Water-based ink cartridges (4)
(C, M, Y, K)

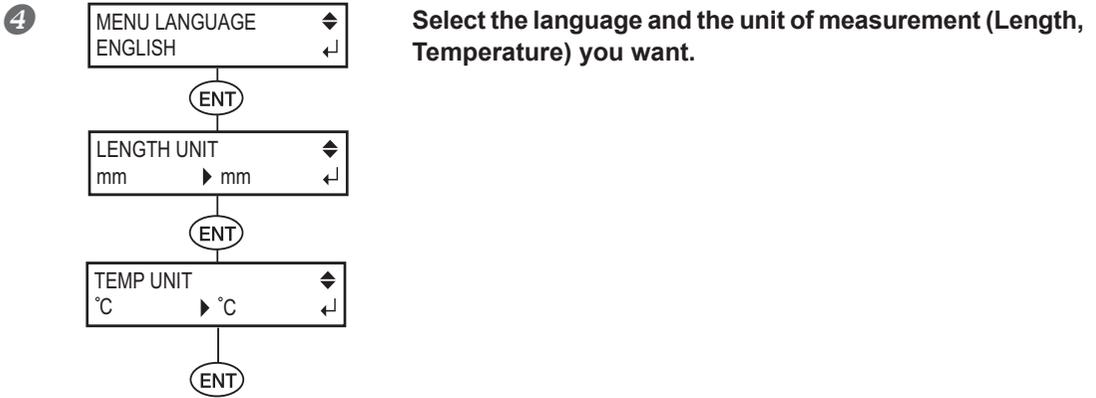
*Not packed together with the machine.
Contact your dealer or us for the purchase.

1. Make the initial settings.



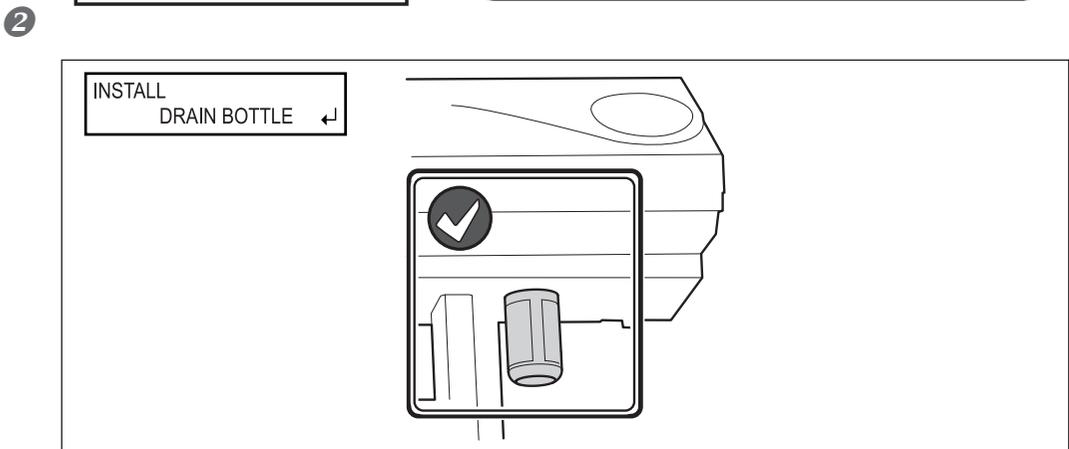
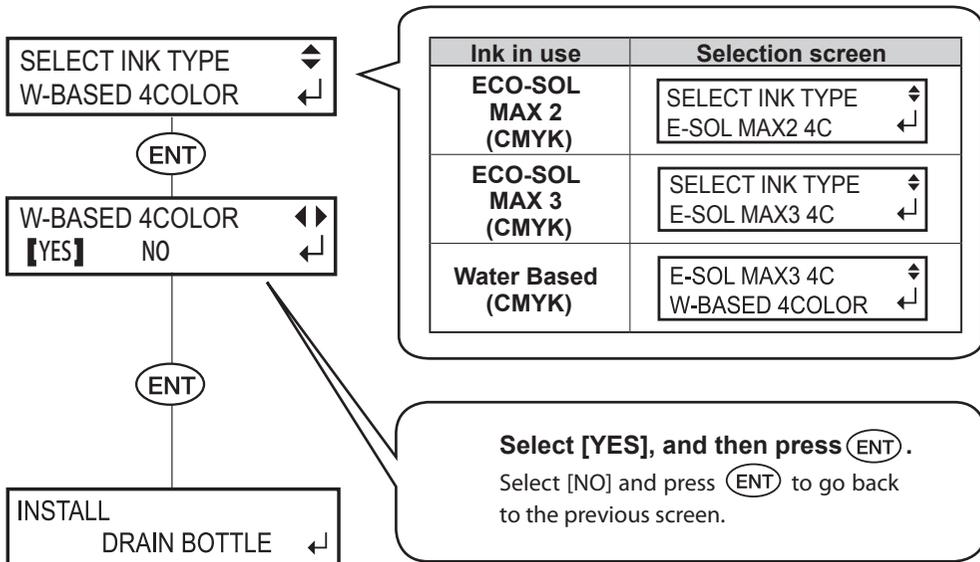
3 Hold down **MENU** and press the sub power switch.



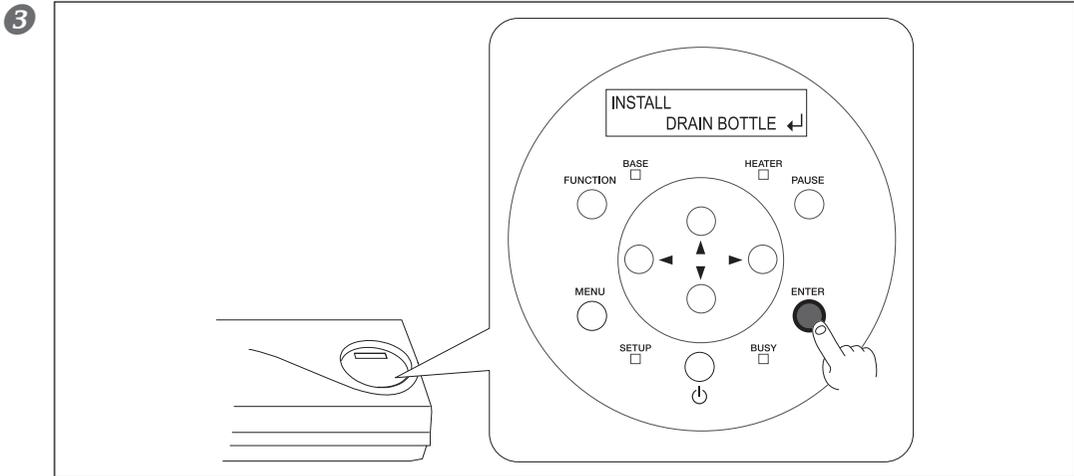


2. Select the ink type.

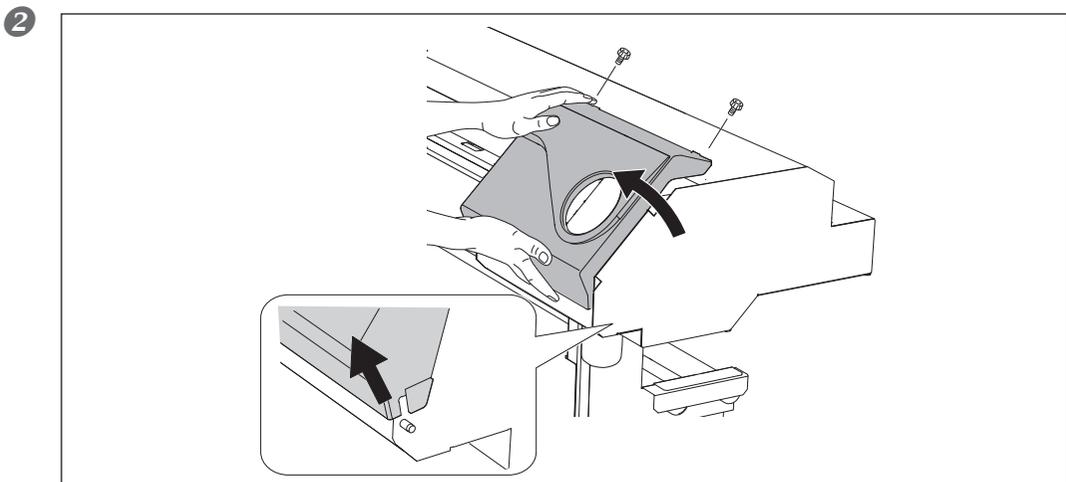
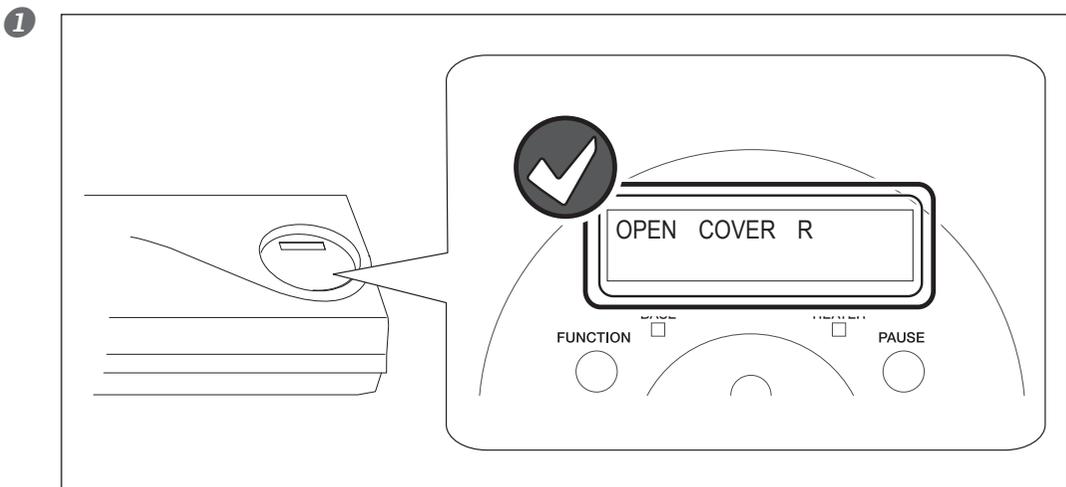
1 Select the type of ink that you are using.



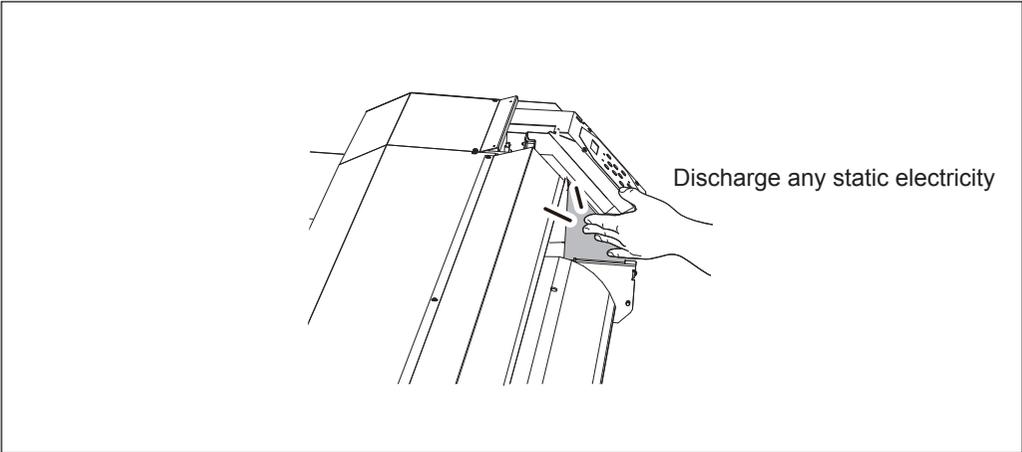
7. Water-based ink model: Filling with Ink



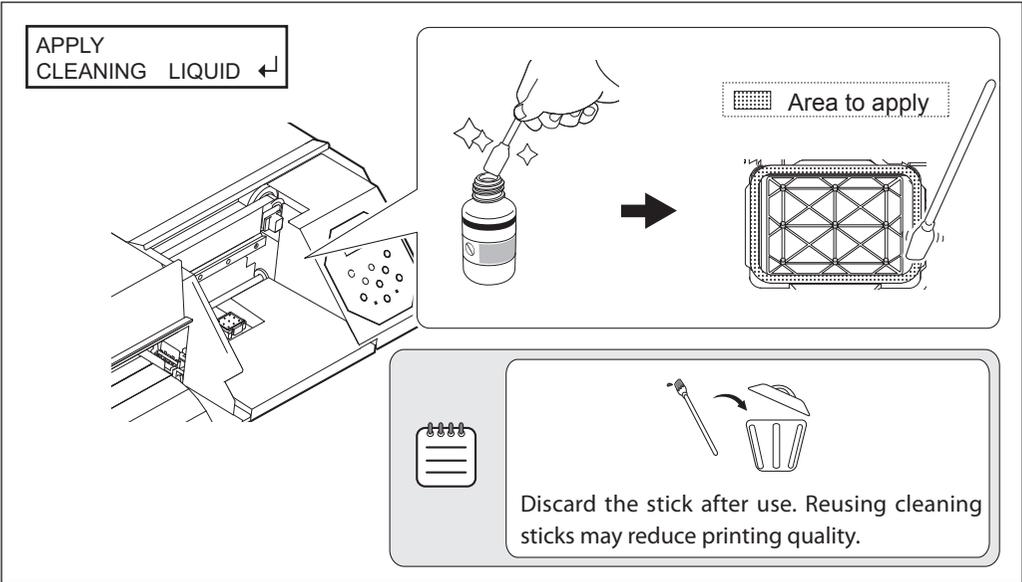
3. Apply the Cleaning Liquid.



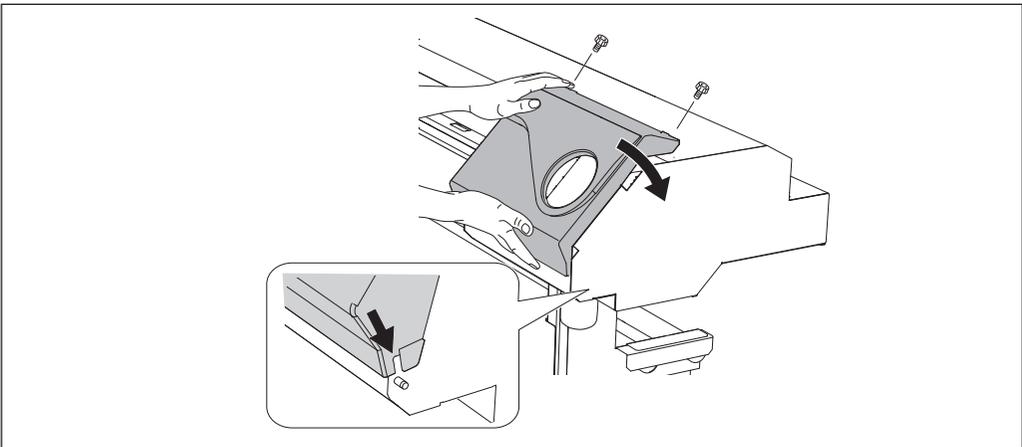
3



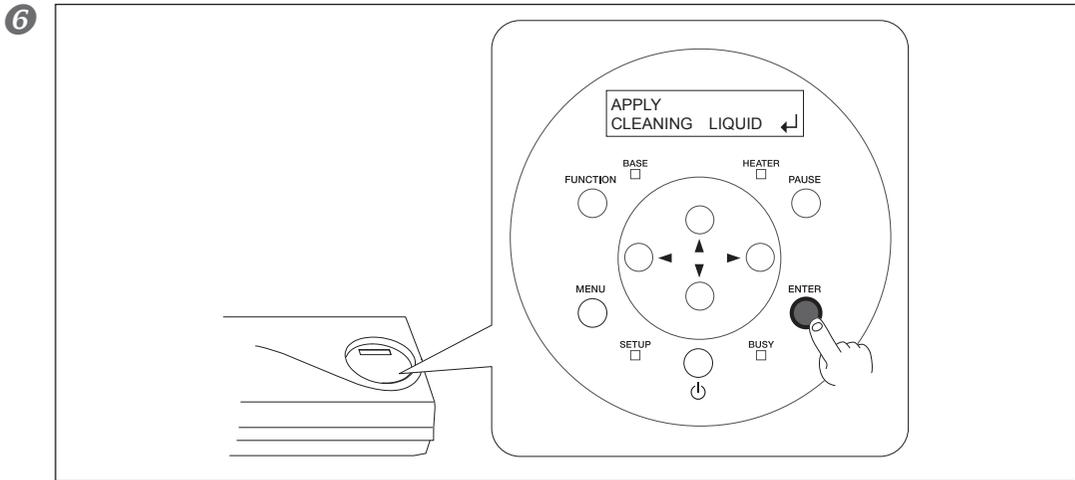
4



5



7. Water-based ink model: Filling with Ink



4. Filling with Ink.





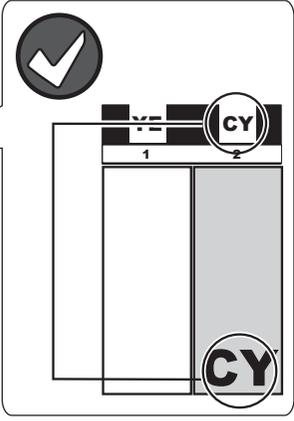


FILLING INK...
>>>

Never switch off the power during the procedures or never remove an ink cartridge while [FILLING INK] is displayed. [CLEANING ERROR] appears on the display screen and ink filling is stopped. In that case, follow the instructions described in the section "Cleaning error" in "If Error Message Appears" of User's Manual to recover from the error, and then start from the beginning.

1

SET CARTRIDGE
1 2 3 4



Be sure to use new ink cartridges.



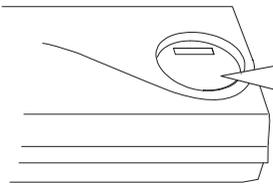


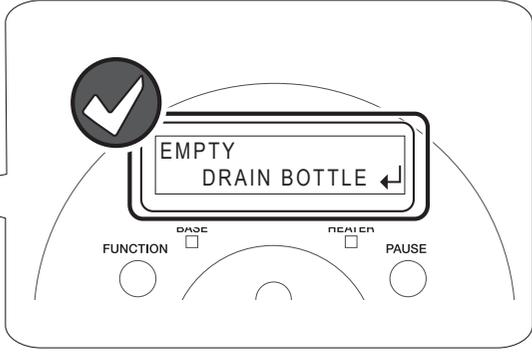
Insert each color ink cartridge into the slot labeled with the matching color. If you insert wrong ink cartridges, the color inks may be mixed. Contact your authorized Roland DG Corp. dealer or us, if you insert wrong ink cartridges.



- Insert and remove slowly, one at a time.
- Insert firmly, as far as it will go.
- Filling ink takes about 15 minutes.

2



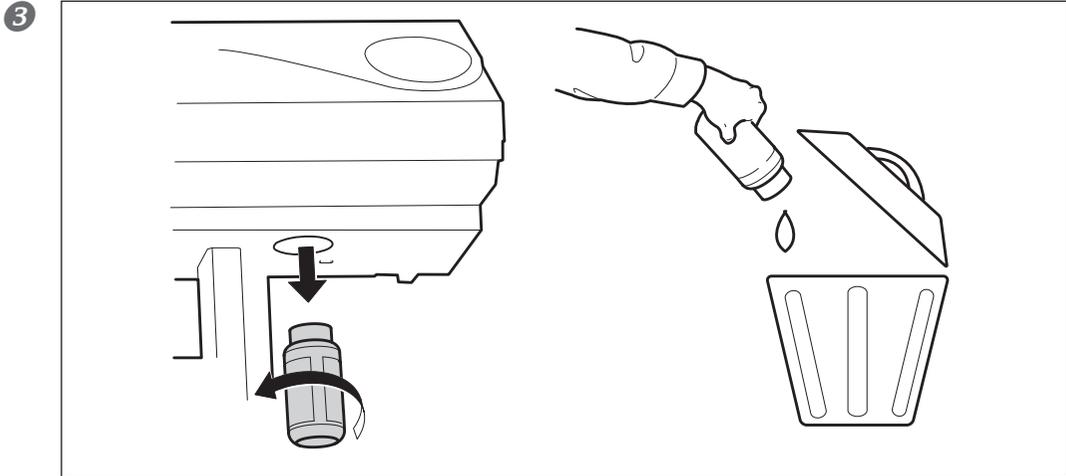


FUNCTION

PAUSE

REAR

PAUSE



⚠ CAUTION

Before you detach the drain bottle, be sure to wait for the screen to display "EMPTY DRAIN BOTTLE."

Failing to follow this procedure may cause discharged fluid to flow out of the tube and spill, soiling your hands or the floor.

⚠ WARNING

Never put discharged fluid or ink closed to fire.

Doing so may cause the blaze.

⚠ CAUTION

To store discharged fluid temporarily, keep it in the provided drain bottle or in a durable container such as a metal can or polyethylene tank, and close the cap tightly.

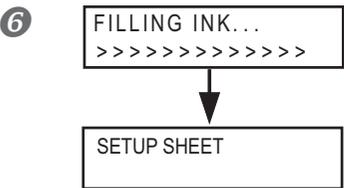
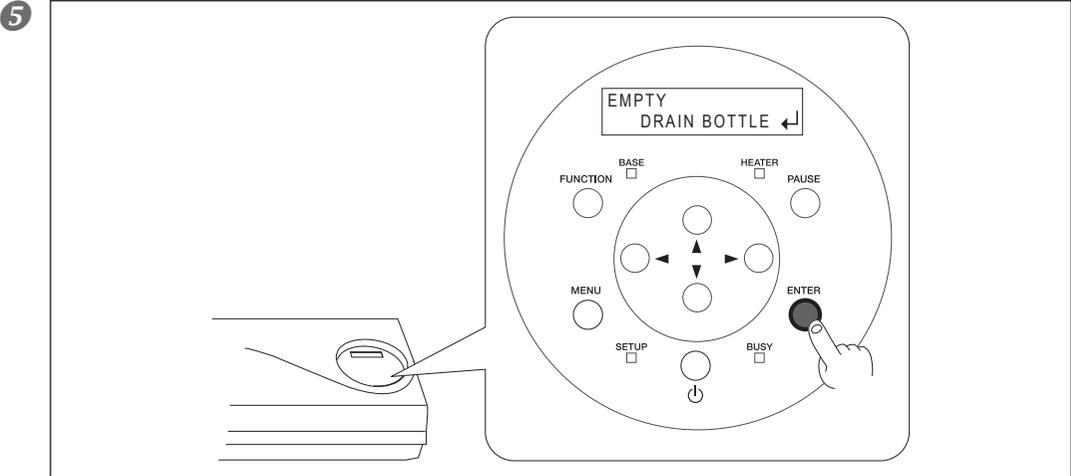
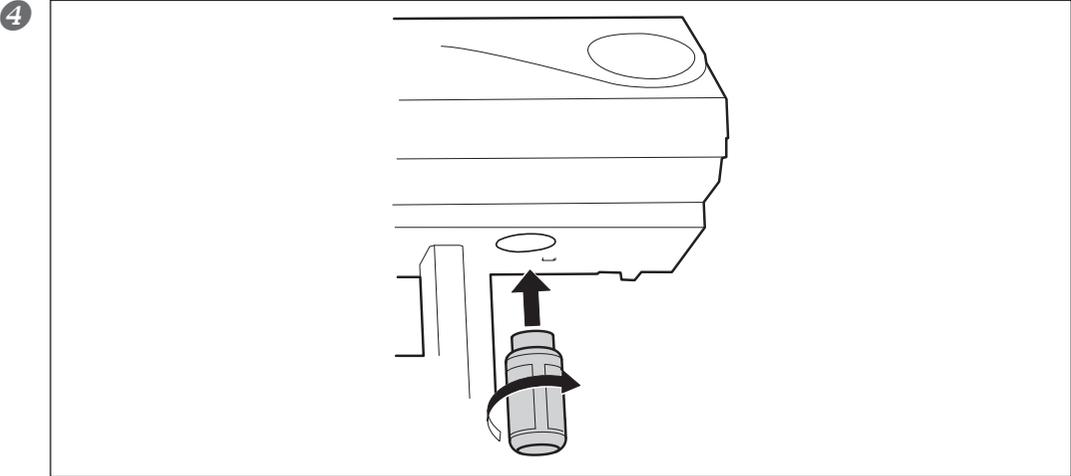
Any spillage or vapor leakage may cause fire, odor, or physical distress.

Store discharged fluid in a location not exposed to direct sunlight.

When temporarily storing discharged fluid in the included drain bottle, keep the drain bottle out of direct sunlight. Otherwise the discharged fluid may harden, the waste bottle may become unusable, or the waste bottle may be deteriorated, the discharged fluid may leak.

Dispose discharged fluid properly, in accordance with the laws in effect in your local.

Discharged fluid is flammable and contains toxic ingredients. Never attempt to incinerate discharged fluid or discard it with ordinary trash. Also, do not dispose of it in sewer systems, rivers, or streams. Doing so may have an adverse impact on the environment.



When this screen appears, filling with ink is finished.

8. Network Settings

Memo

The examples used in the procedures for making the settings described in this section assume you are using one computer and one machine. The settings used in this section are merely example settings. The procedures and setting values described here may not be suitable for all operating environments.

If the computer you're using is connected to a number of networked devices or to the Internet, incorrect settings may adversely affect the entire network. For detailed information about the settings, consult your network administrator.

Procedure

1 Log on to Windows as the "Administrator" or a member of the "Administrators" group.

2 Windows 10:

From the [Start] menu, click [Set], and then click [Network and Internet].

Click [Network and Sharing Center].

Click [Ethernet] or [Wi-Fi].

Windows 8.1:

From the [Start] menu, click [PC settings], and then click [Control Panel].

Click [Network and Internet], and then click [Network and Sharing Center].

Click [Ethernet] or [Wi-Fi].

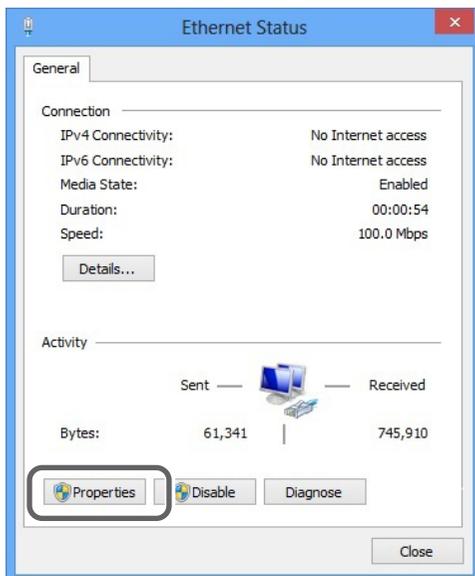
Windows 7:

From the [Start] menu, click [Control Panel].

Click [Network and Internet], and then click [Network and Sharing Center].

Click [Local Area Connection] or [Wireless Network Connection].

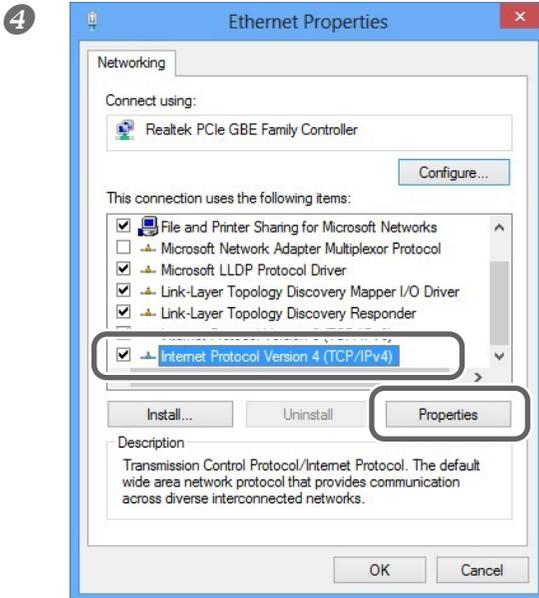
3



Click [Properties].

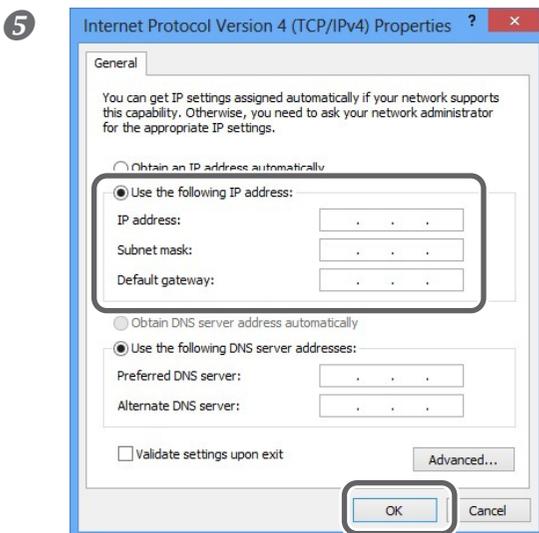
The [Ethernet Properties] dialog box appears. (On Windows 7, the [Local Area Connection Status] dialog box appears.)

If the [User Account Control] dialog box appears, click [Continue].



Select **[Internet Protocol Version 4 (TCP/IPv4)]**, and then click **[Properties]**.

If the **[Internet Protocol]** check box is clear, select it. The **[Internet Protocol Version 4 (TCP/IPv4) Properties]** dialog box appears.



Select **[Use the following IP address]**. Enter the information as shown below, and then click **[OK]**.

[IP address]: 192.168.0.XXX

[Subnet mask]: 255.255.255.0

Here, "XXX" can be any number from 1 to 254. However, be sure to specify a number that is different from the numbers used for other computers and devices.

- 6 Click **[OK]** in the **[Internet Protocol Version 4 (TCP/IPv4) Properties]** dialog box, click **[OK]** in the **[Ethernet Properties]** dialog box (the **[Local Area Connection Properties]** dialog box on Windows 7), and then click **[Close]** in the **[Ethernet Status]** dialog box (the **[Local Area Connection Status]** dialog box on Windows 7).

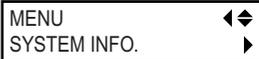
Step 2: Make the Network Settings on the Printer

Important

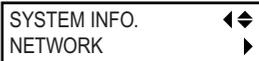
The addresses used in this section are merely example settings. For detailed information about the settings, consult your network administrator.

1. Set the IP address.

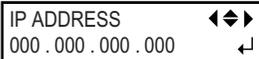
1 Press **MENU**.

2  Press **▼** several times until the screen shown on the left appears.

Press **▶** **▲** in this order.

3  Press **▶** three times.

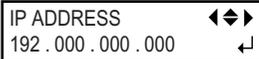
Press **▶** three times.

4  **[IP ADDRESS]: 192.168.000.XXX**

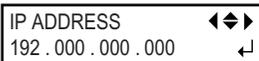
[IP ADDRESS]: 192.168.000.XXX

Note: Here, "XXX" can be any number between 1 and 254. However, be sure to eliminate the number overlapping with the setting you made in Step 1. Here, "192.168.000.003" shall be entered as an example.

For the part corresponding to "192.168.000," apply the same value as the setting of your computer.

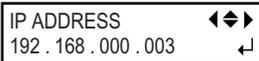
5  Use **▲** **▼** to select the address number.

Use **▲** **▼** to select the address number.

6  Press **▶**.

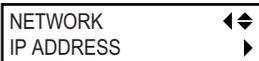
Press **▶**.

7 Repeat 5 and 6 to set all the address numbers.

8  When you finish making the setting, press **ENTER**.

When you finish making the setting, press **ENTER**.

Press **◀**.



The screen shown in the figure appears again.

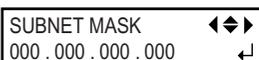
2. Set the subnet mask.

1  Press **▼**.

Press **▼**.

2  Press **▶** twice.

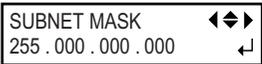
Press **▶** twice.

3  Use **▲** **▼** to select the address number.

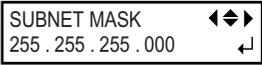
Use **▲** **▼** to select the address number.

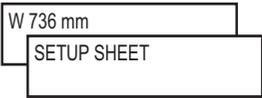
[SUBNET MASK]: 255.255.255.000

For the subnet mask, make the setting the same value as the one used by the computer. Here, "255.255.255.000" is entered by way of example.

4  Press .

5 Repeat 3 and 4 to set the subnet mask.

6  When you finish making the setting, press .

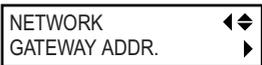
7  Press   in this order to go back to the original screen.

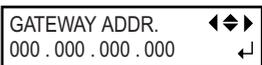
If you use the computer and the machine one-on-one basis, this will complete the settings to make on the printer. Go on to Step 3.

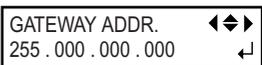
If you need to set the gateway address, then go on to the procedure following this one.

3. Set the gateway address.

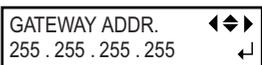
1  From the screen displayed in 1.–8, press  twice.

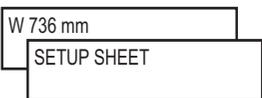
2  Press  twice.

3  Use   to select the address number.
[GATEWAY ADDR.]: 255.255.255.255
For the value to enter for your gateway address, consult your network administrator Here, "255.255.255.255" is entered by way of example.

4  Press .

5 Repeat 3 and 4 to set the gateway address numbers.

6  When you finish making the setting, press .

7  Press   in this order to go back to the original screen.

Step 3: Make the Port Settings for the Software RIP

The settings for the software RIP will be made here. For the output destination, use the IP address set for the machine. For the setup procedures, refer to the documentation of the instructions for the software RIP.

You can check whether the connection to the network has been complete by using the printing-test feature of the software. For the information on the method to conduct a printing test, refer to the documentation for the software RIP.

9. When Moving the Machine

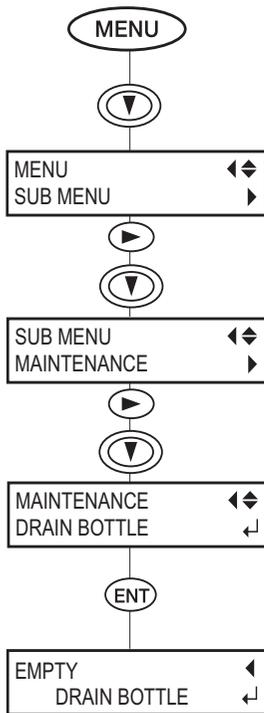
Procedures from Preparing to Move Through Reinstalling



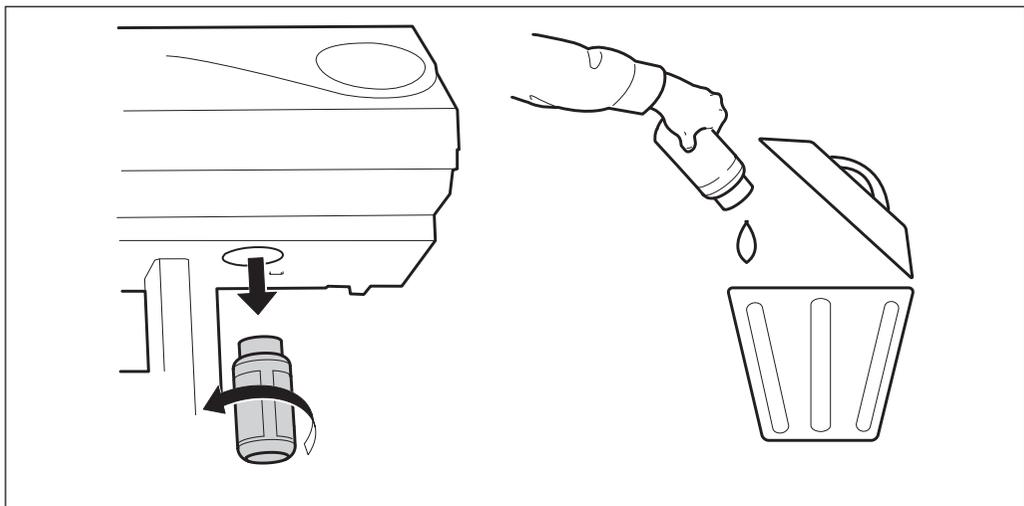
When moving the machine, keep it at a temperature between 5 to 40°C (41 to 104°F) and at relative humidity between 20 to 80% (with no condensation). Failure to do so may result in breakdown.

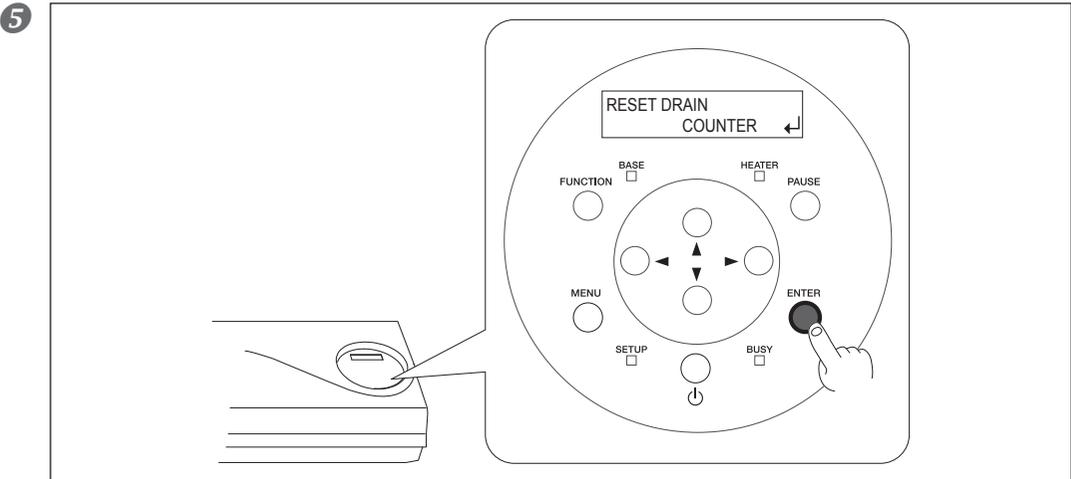
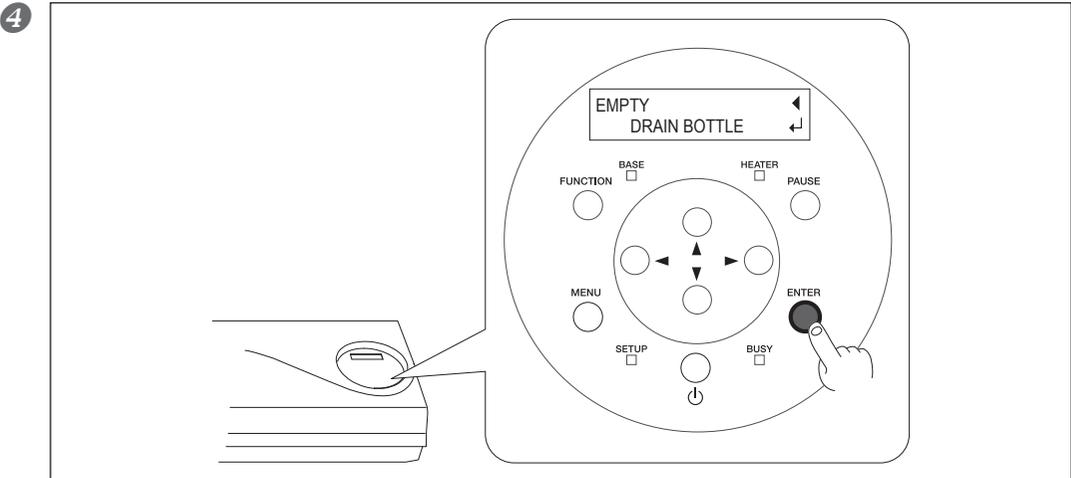
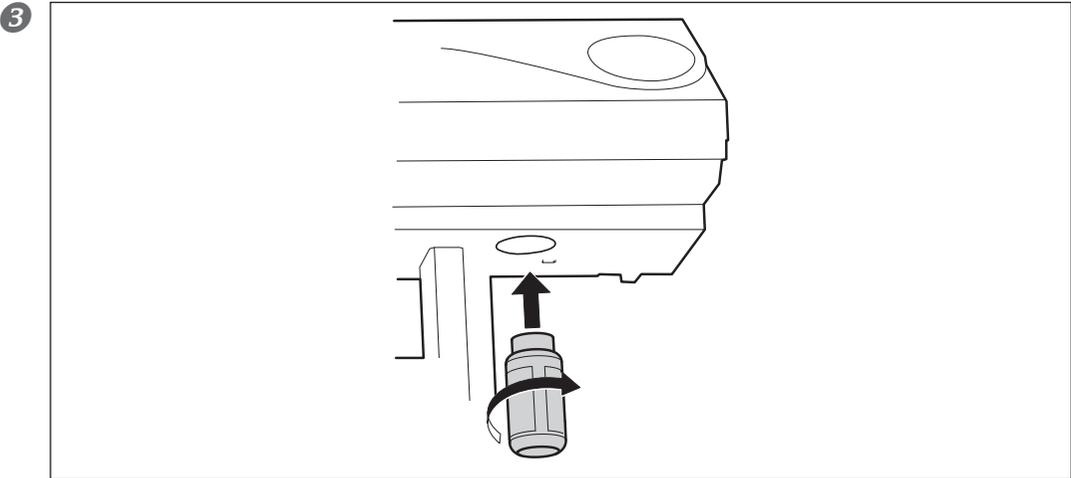
1. Discard the discharged ink.

1

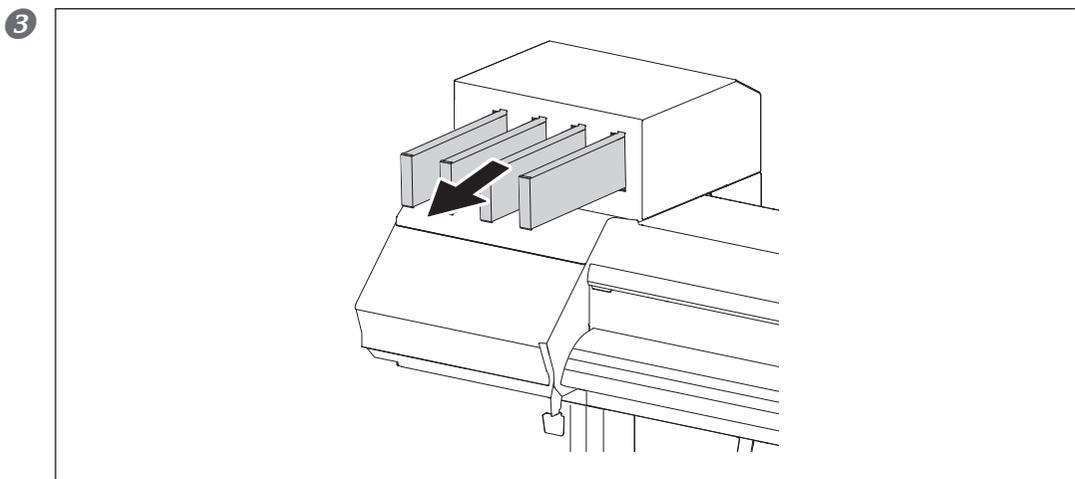
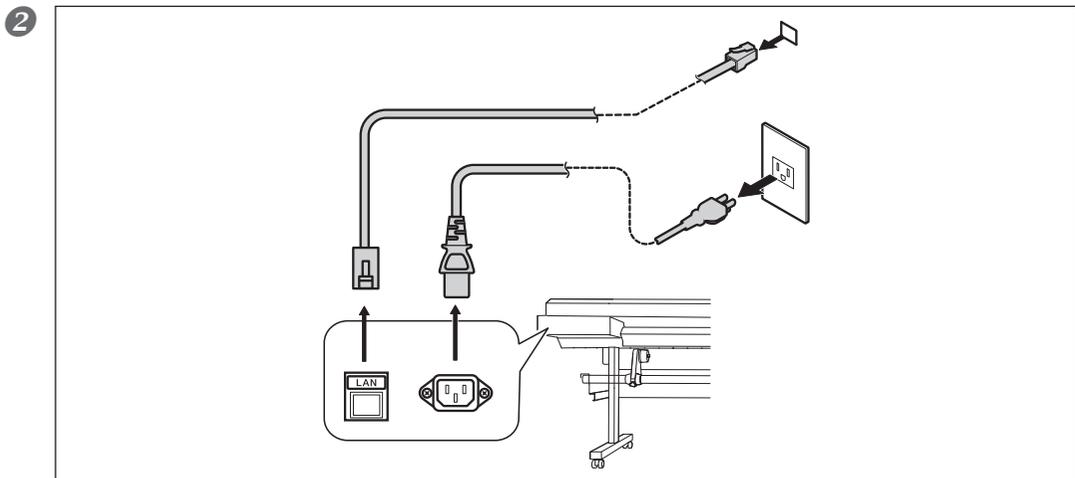
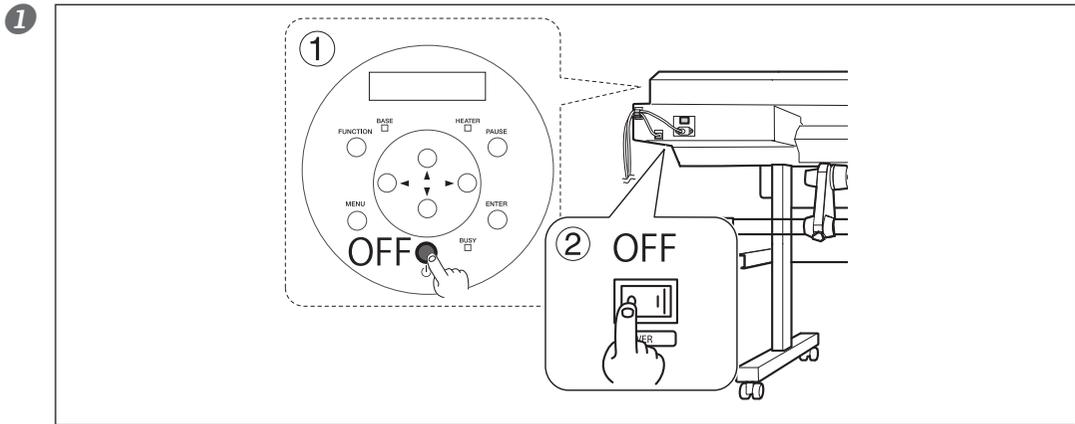


2

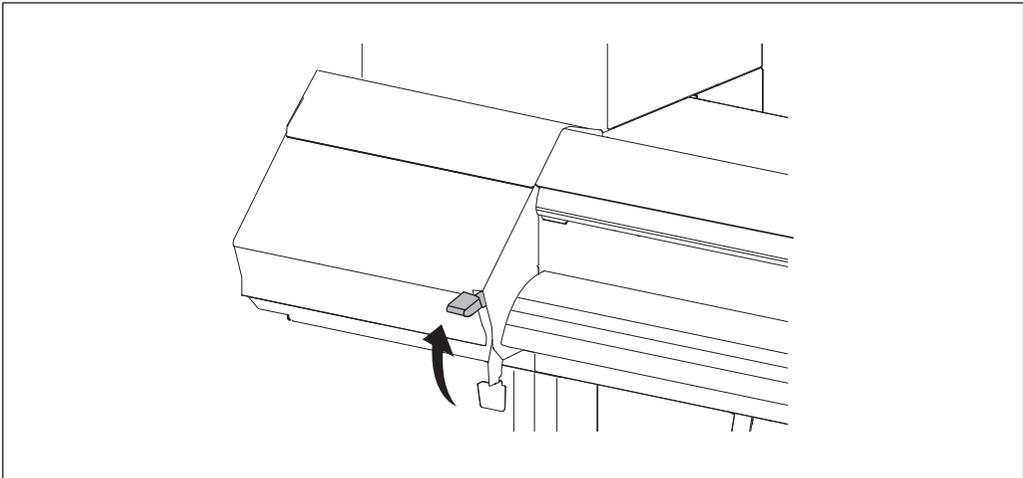




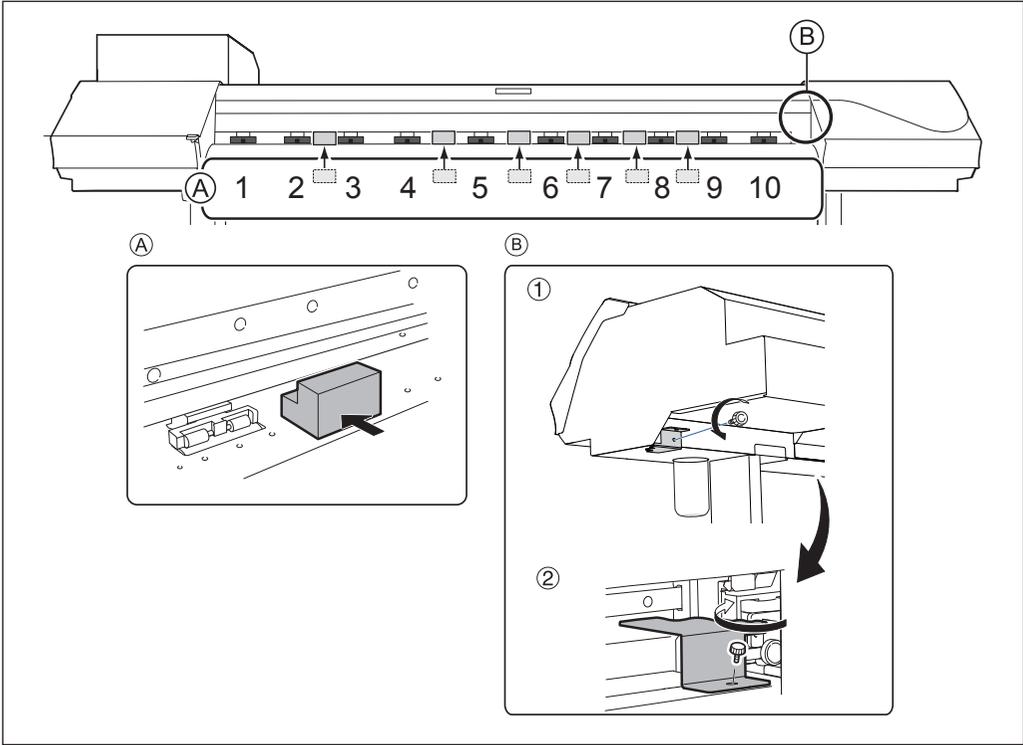
2. Prepare to move.



4



5



3. Move the machine.

Transport the machine as soon as possible.

Handle the machine with care when moving, keeping it level (not tilted at an angle) and preventing it from striking other objects.

4. Reinstall the machine.

Reinstall the machine and switch on the main power immediately.

If you leave the machine without switching on the main power, the deposited ink is coagulated, and it may result in problems such as clogging of the print head. When you reinstall the machine, follow the procedure given in P. 7, "4. Assembling and Installing"

