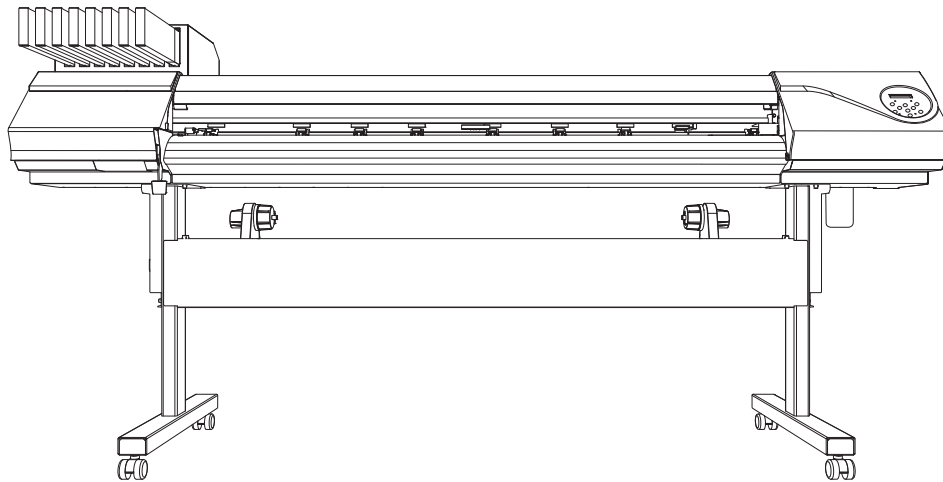


VersaEXPRESS

RF-640

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.
-

Roland DG Corporation

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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 electromagnetic energy

1. Installation Environment

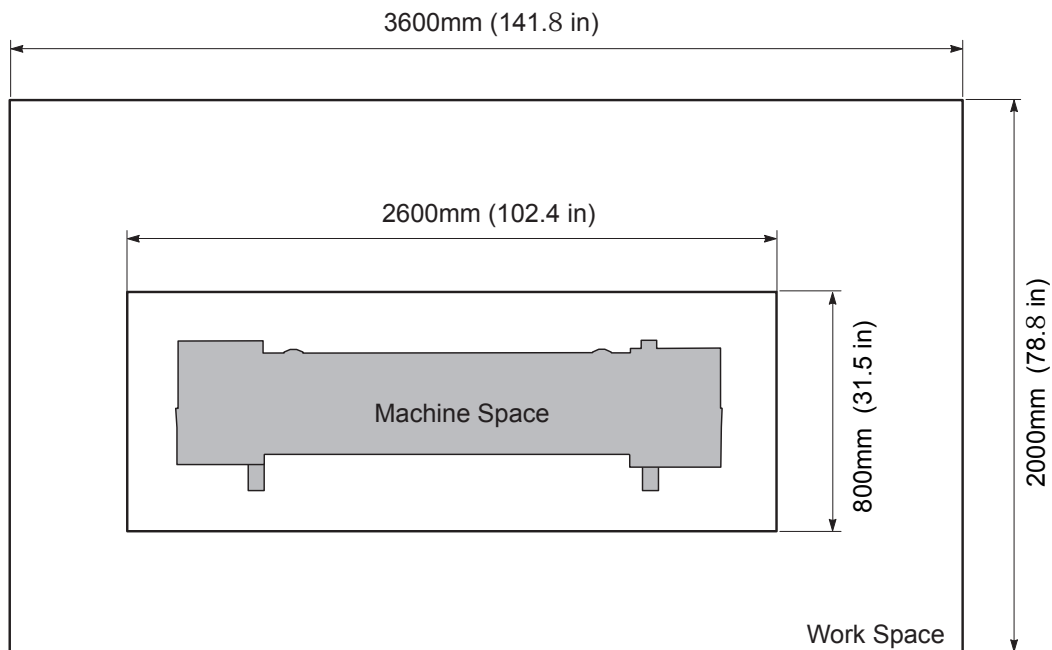
Temperature and Humidity

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)

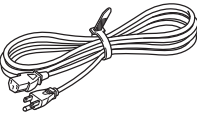
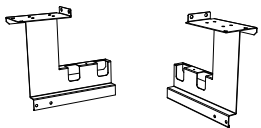
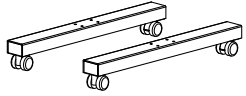
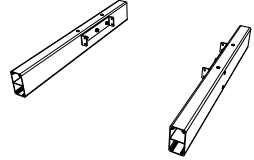
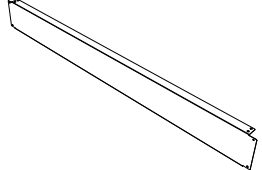
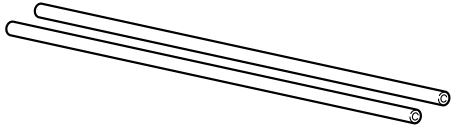
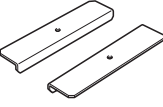

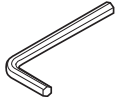

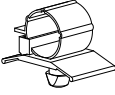
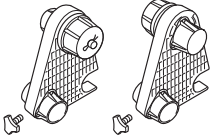
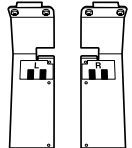

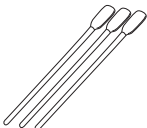
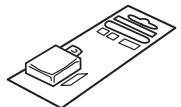
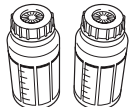
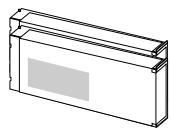

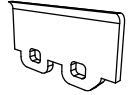
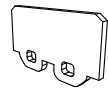

Installation Space

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

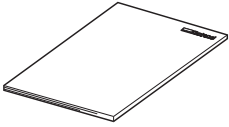
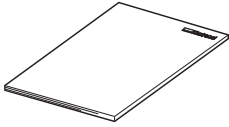
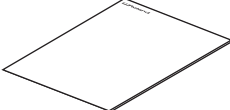


2. Included Items

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>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>Cleaning liquid (1)</p>
 <p>Cleaning sticks</p>	 <p>Replacement blades for separating knife (1)</p>	 <p>Drain bottles (2)</p>	 <p>SOL INK cleaning cartridges (2)</p>
 <p>Tweezers (1)</p>	 <p>Replacement wiper (1)</p>	 <p>Replacement felt wiper (1)</p>	 <p>RIP&PRINT MANAGEMENT SOFTWARE (1)</p>

2. Included Items

 <p>User's Manual (1)</p>	 <p>Read this first. (1)</p>	 <p>INKJET PRINTER MAINTENANCE GUIDE (1)</p>	
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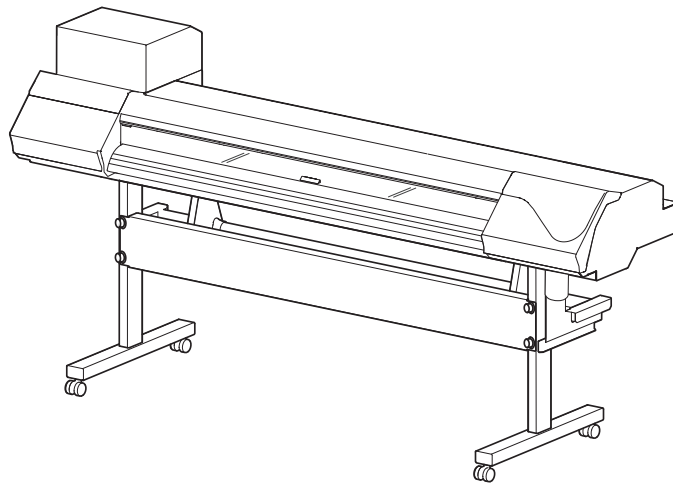
3. About the Symbols

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>

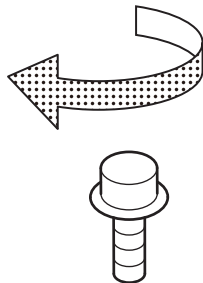
4. Assembling and Installing

Completed drawing

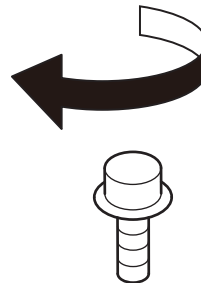


About the picture

Tighten temporary



Tighten fully



Assembling and Installing

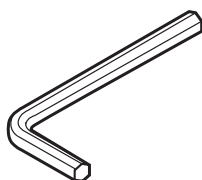
⚠ WARNING

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



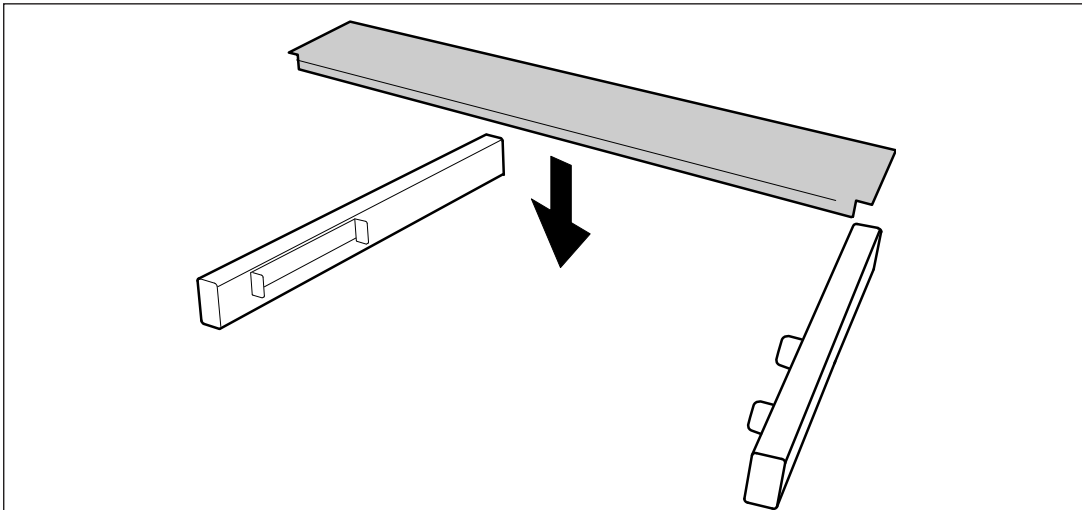
Pipe
(Use this pipe if the hexagonal wrench is too short to tighten the bolt)



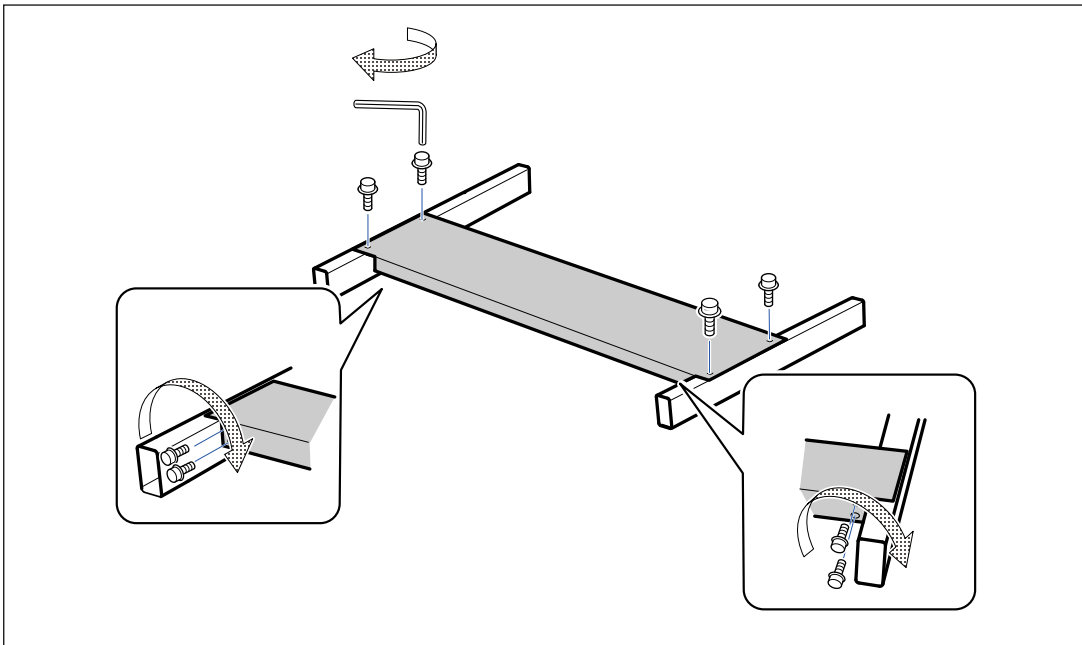
When tightening the bolts fully, tighten them securely. Loose bolts may cause the stand to wobble.

1. Assemble the stand.

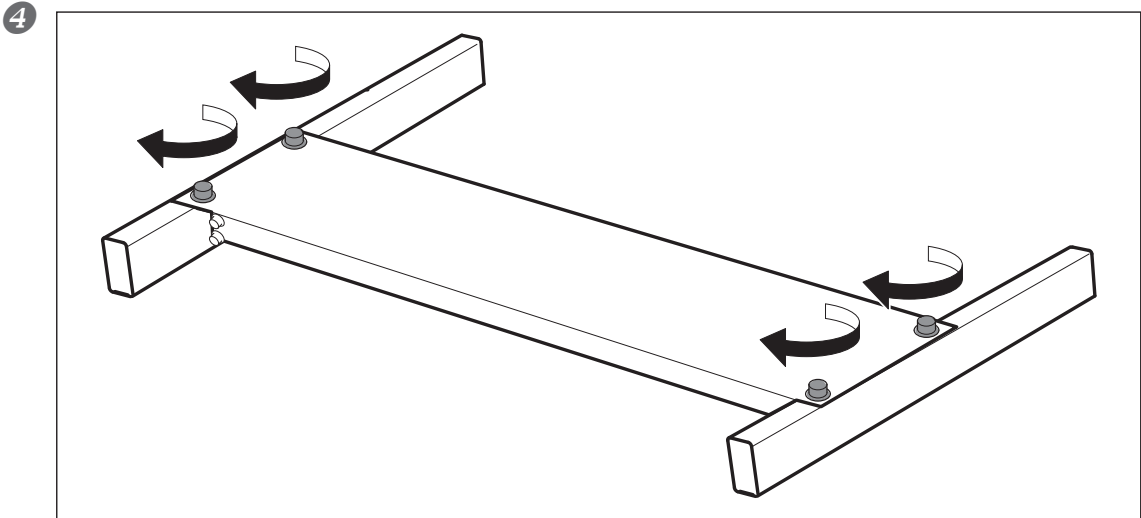
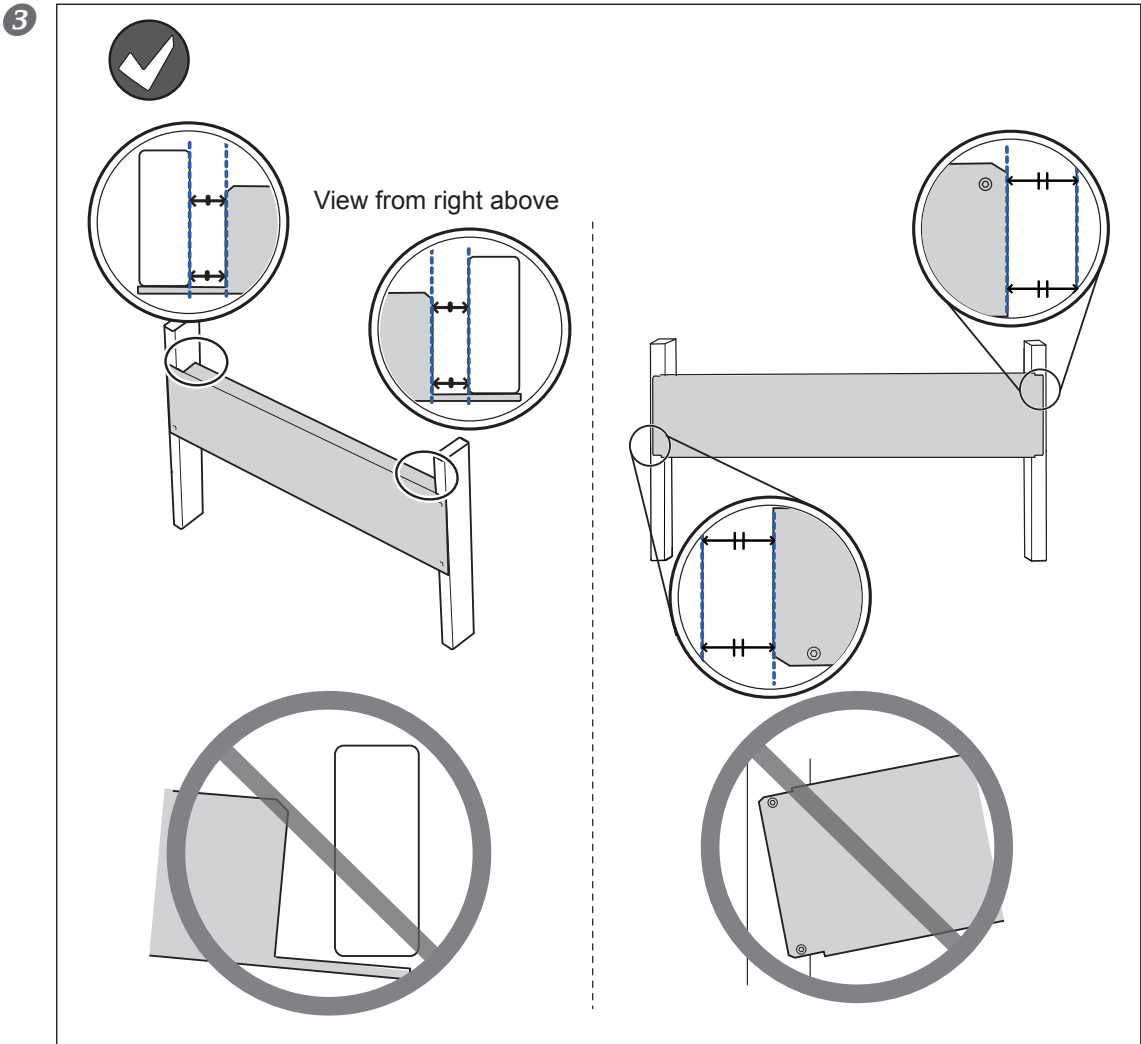
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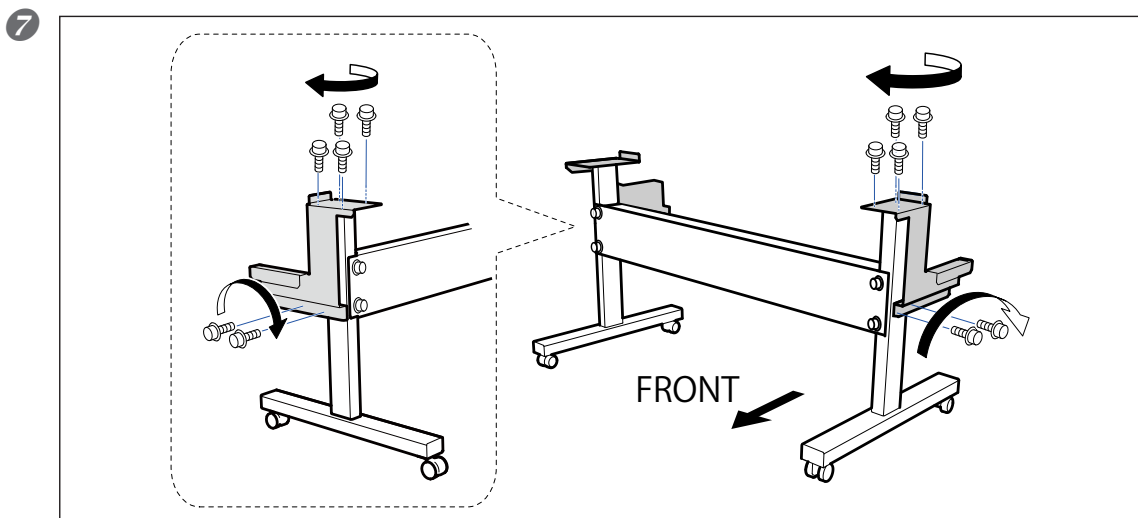
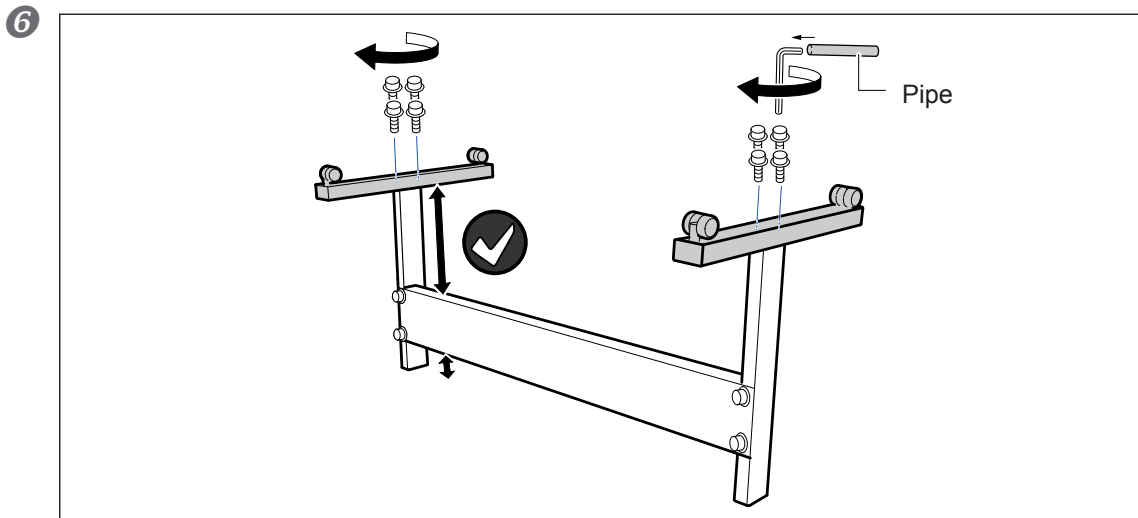
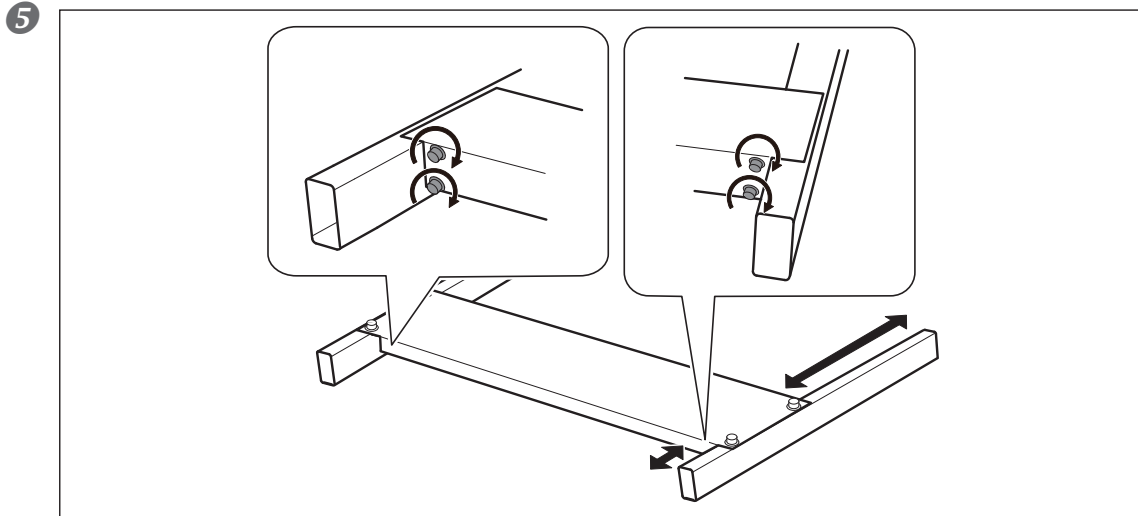


2

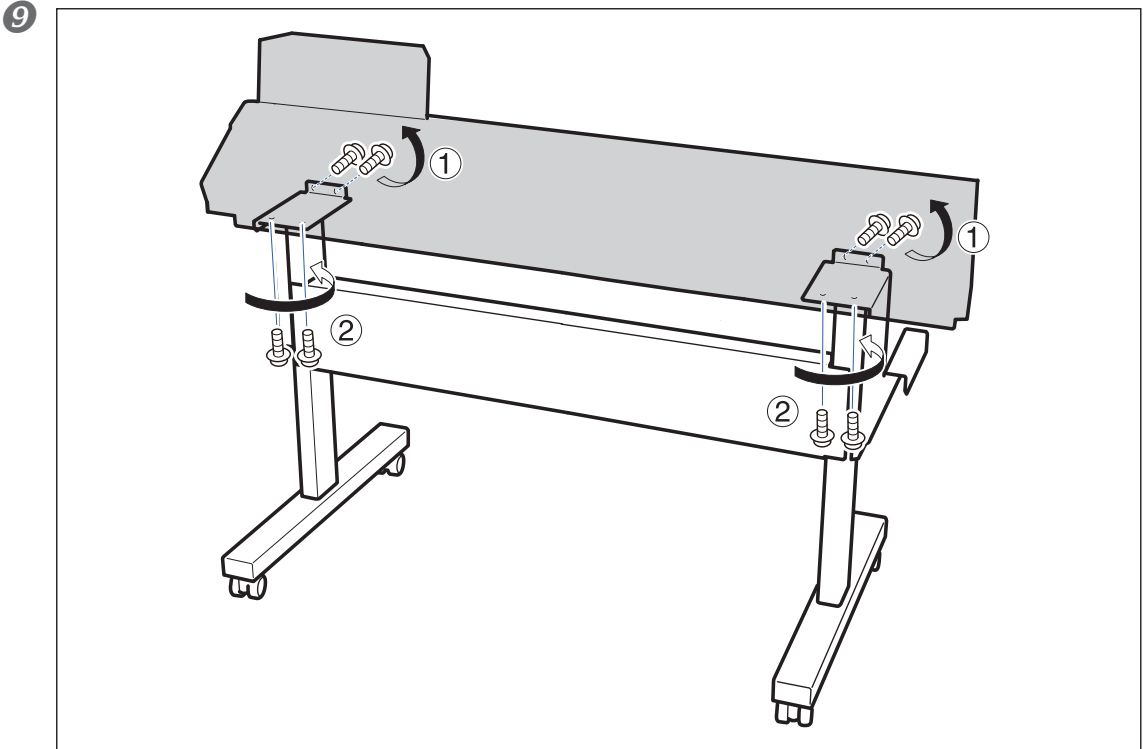
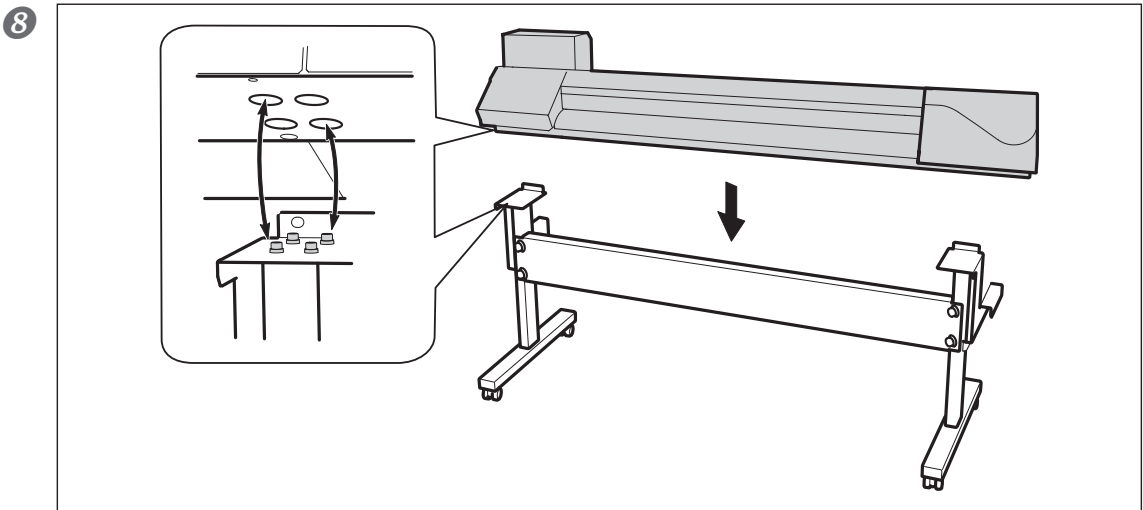


4. Assembling and Installing

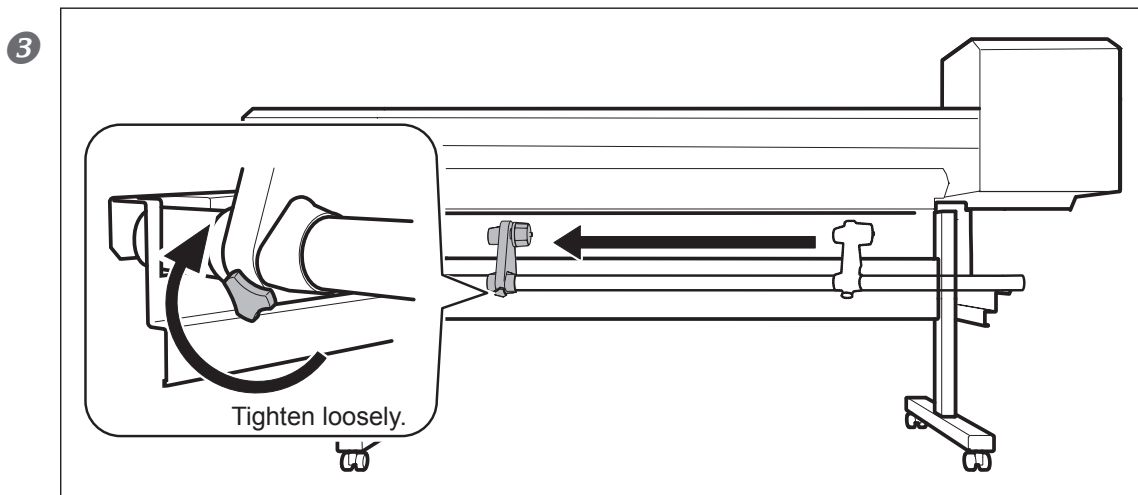
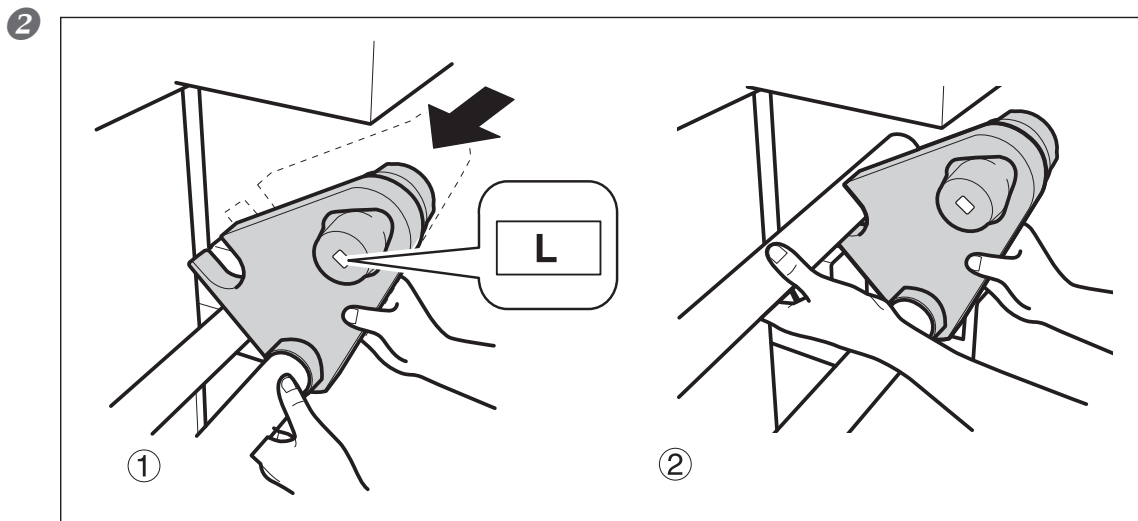
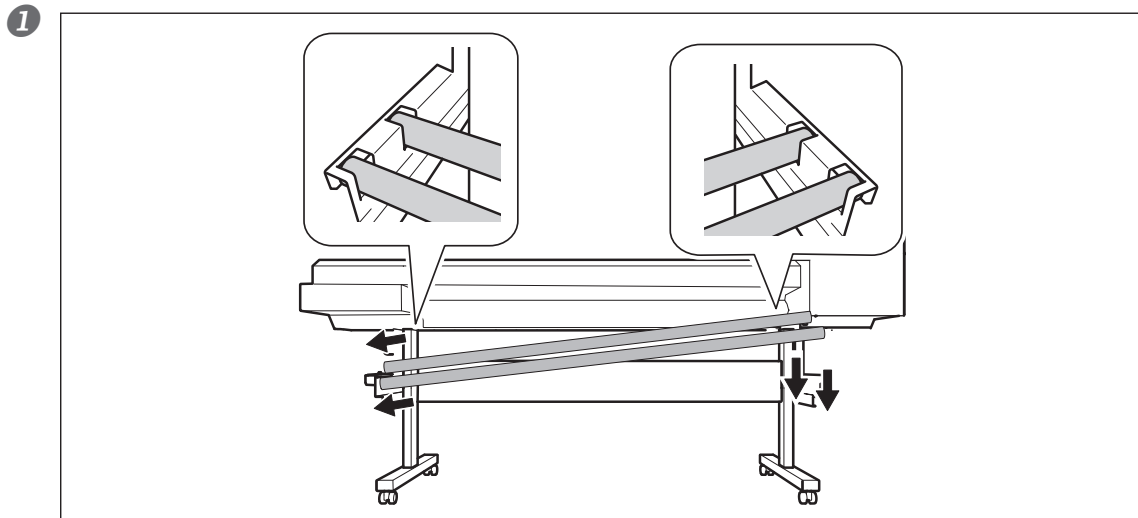




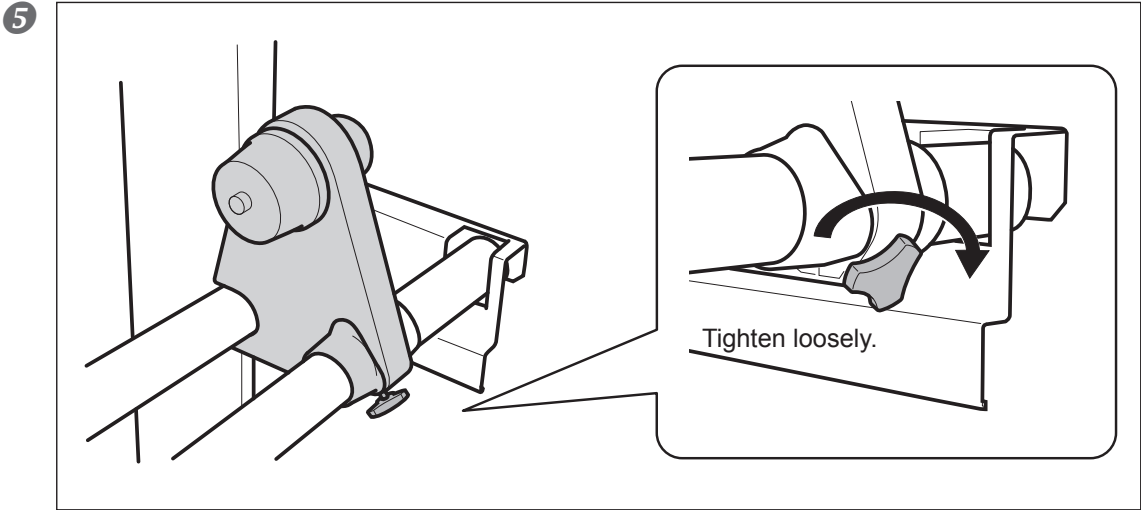
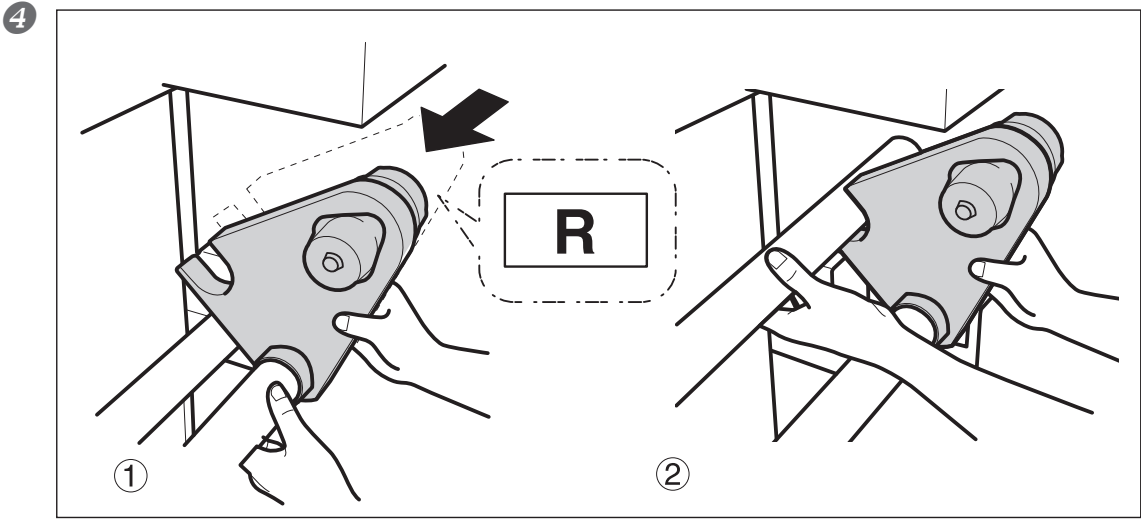
4. Assembling and Installing



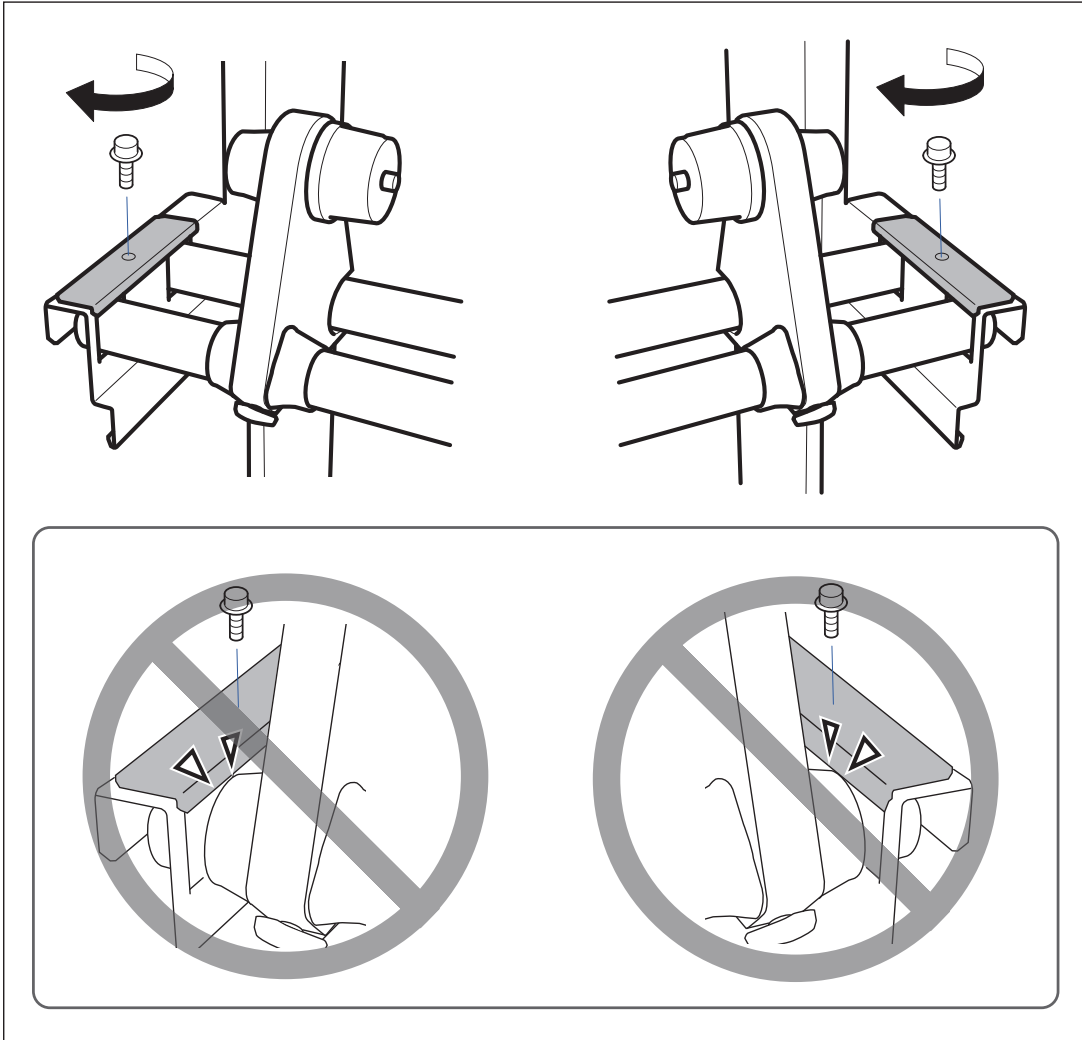
2. Install the media holder.



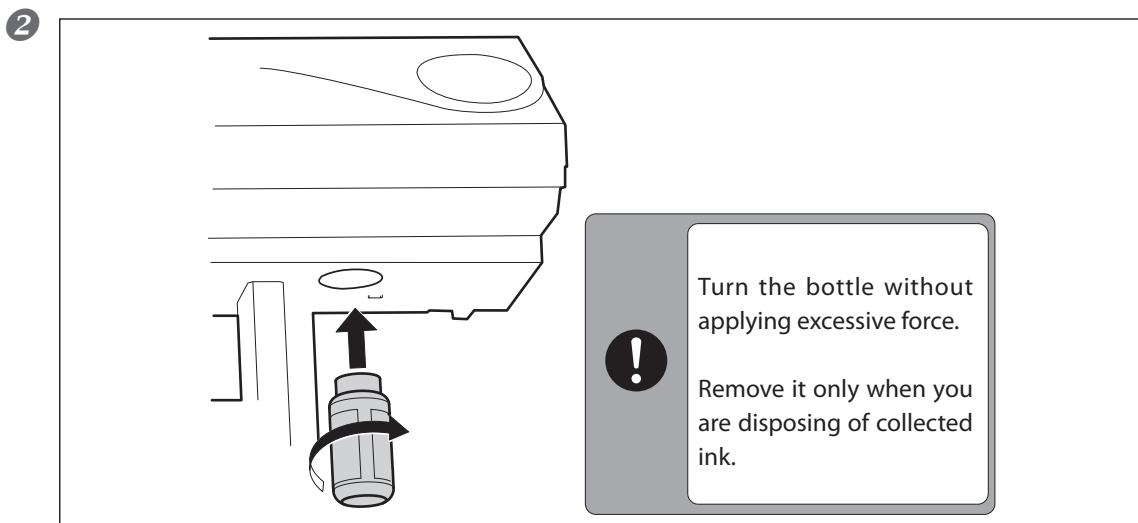
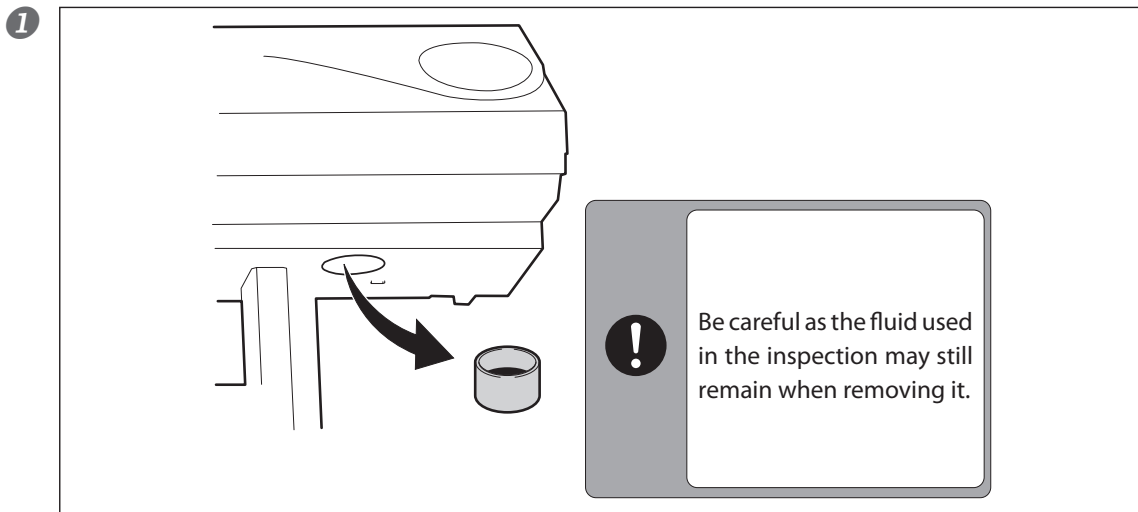
4. Assembling and Installing



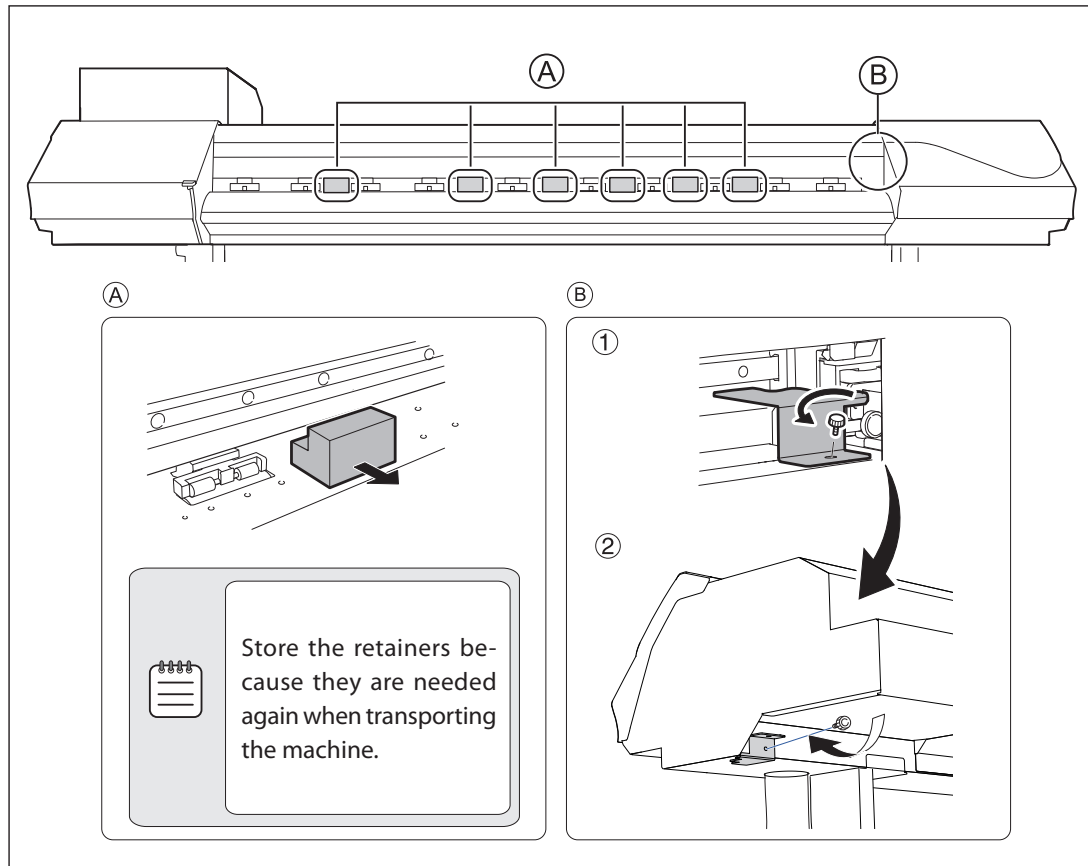
6



3. Install the drain bottle.



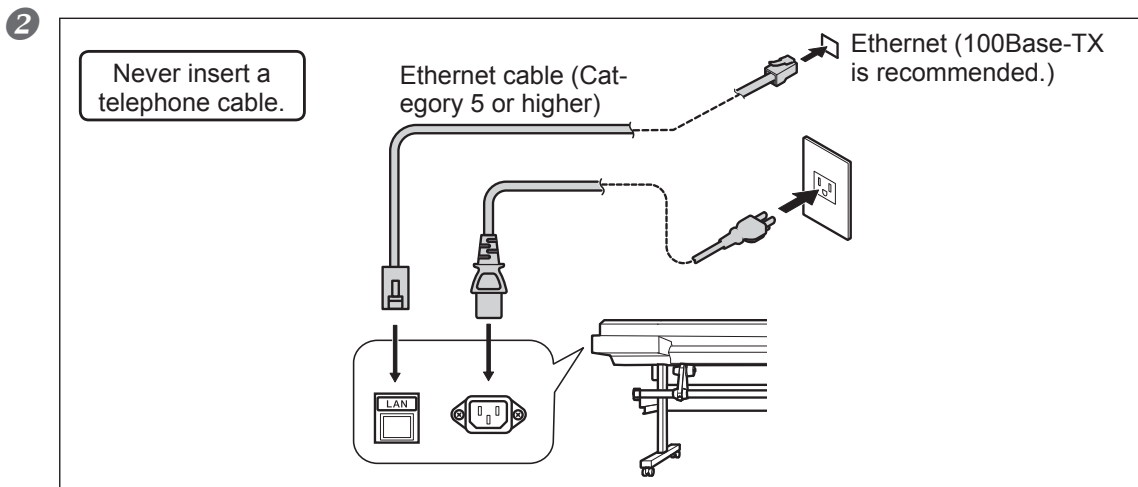
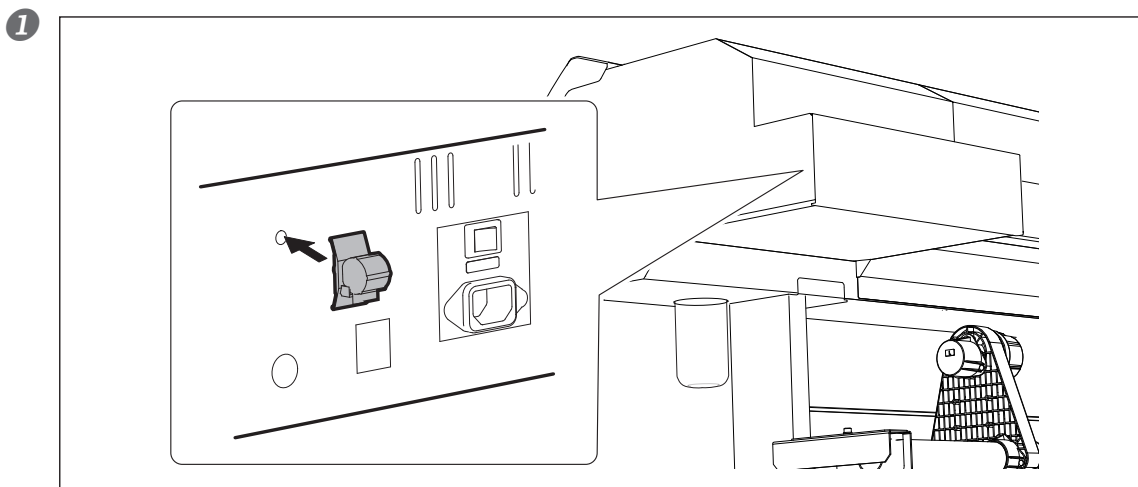
4. Remove the retainers.



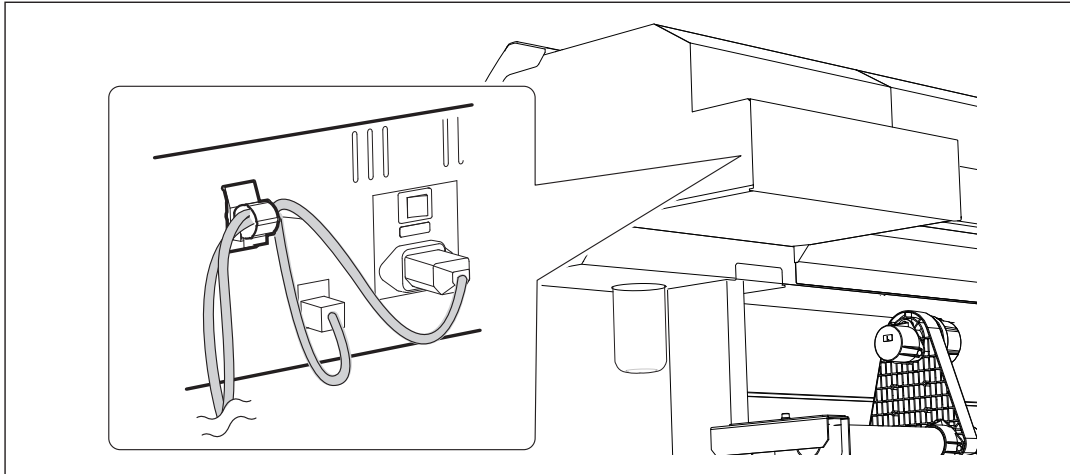
5. Connecting the Cables

Connecting the Cables

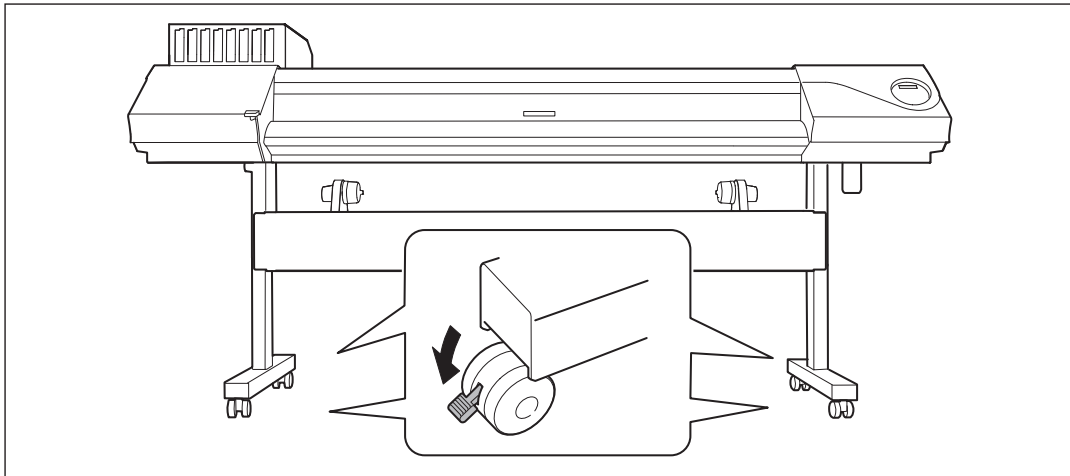
- ⚠ WARNING** **Connect to electrical outlet that complies with this machine's ratings (for voltage, frequency, and current).**
Incorrect voltage or insufficient current may cause fire or electrical shock.
- ⚠ WARNING** **Connect to ground.**
This can prevent fire or electrical shock due to current leakage 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.



3

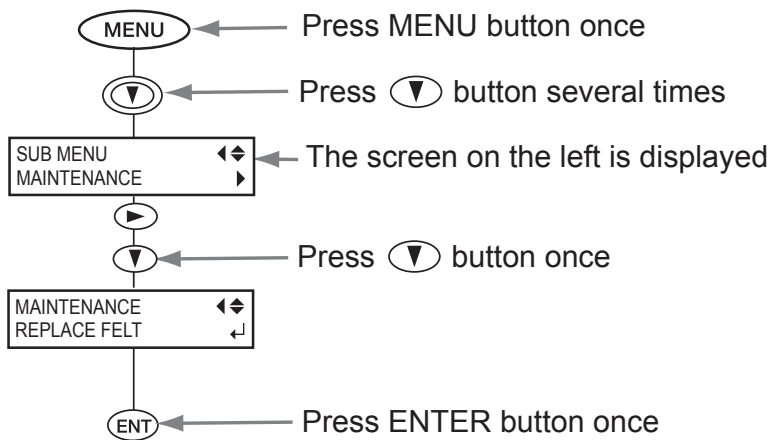
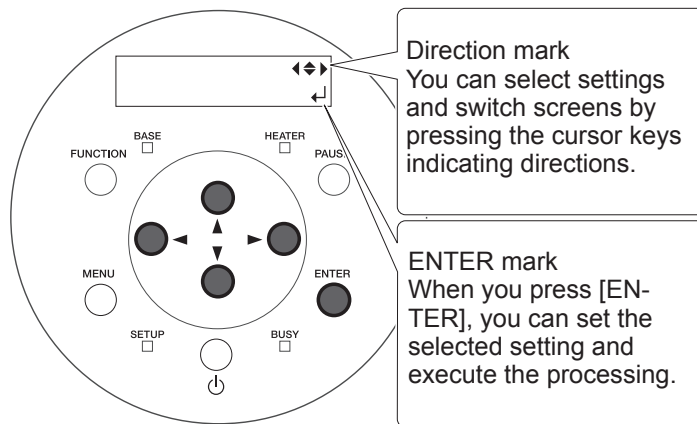


4



6. Filling with Ink

About the picture



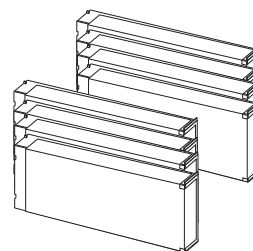
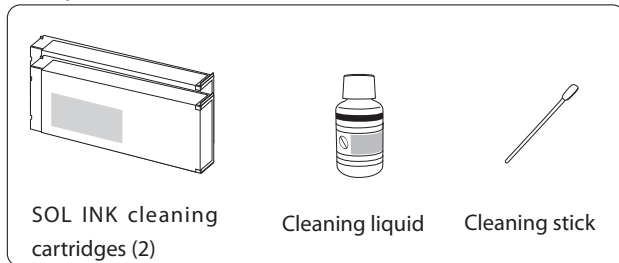
Filling with Ink for the First Time

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.

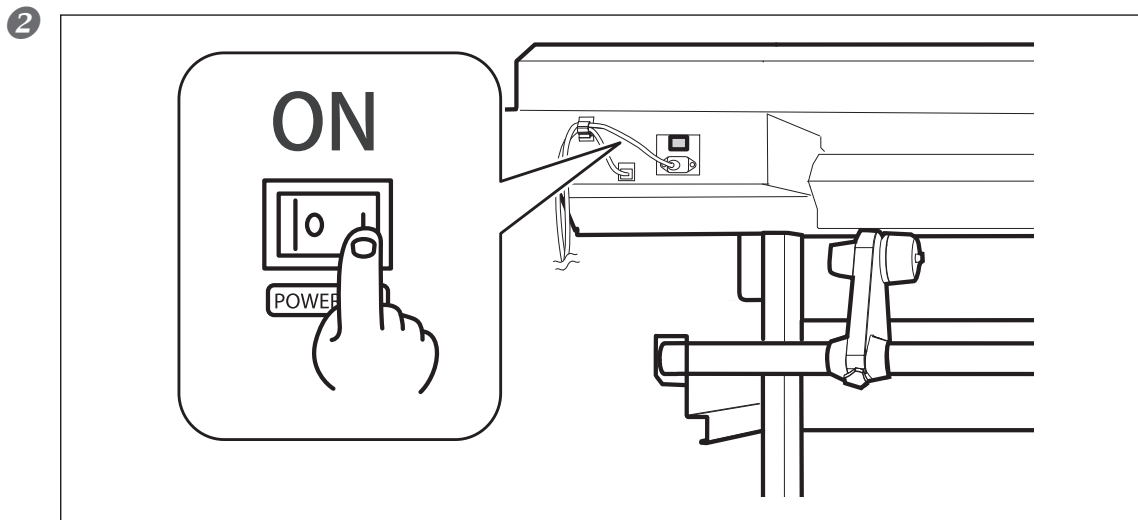
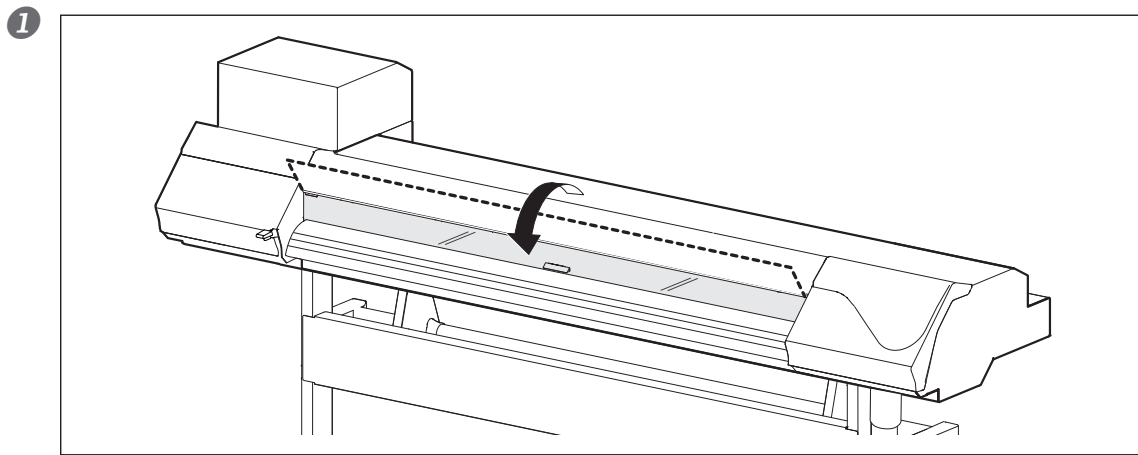
Necessary items

Items packed with the machine

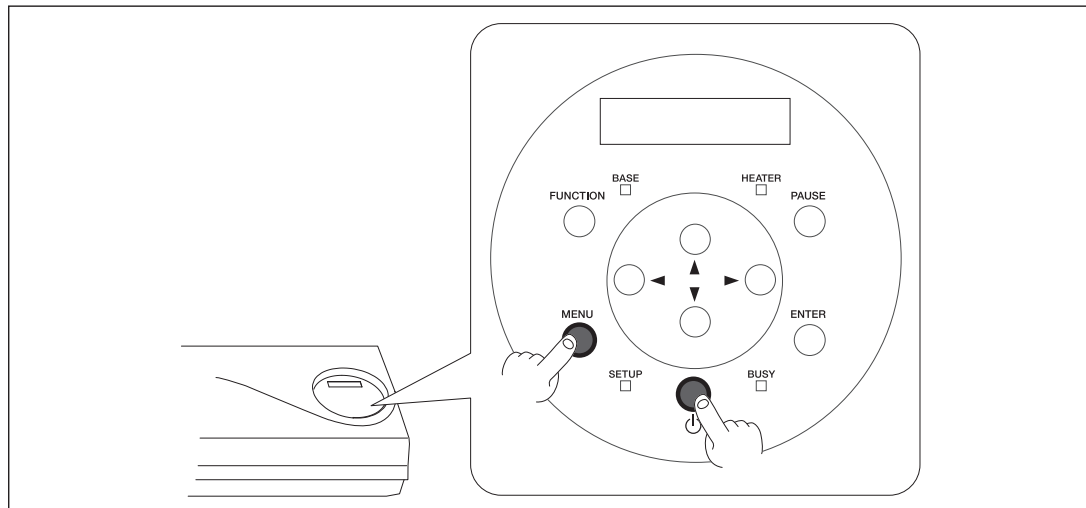


ECO-SOL MAX2 ink cartridges (8)
(C, M, Y, K)

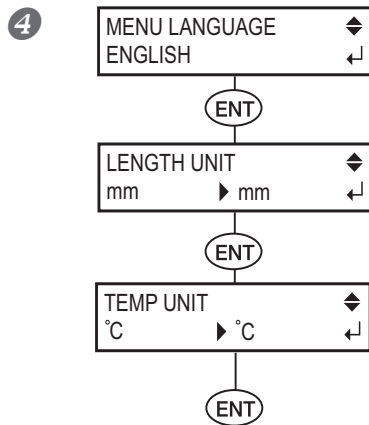
1. Make the initial settings.



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

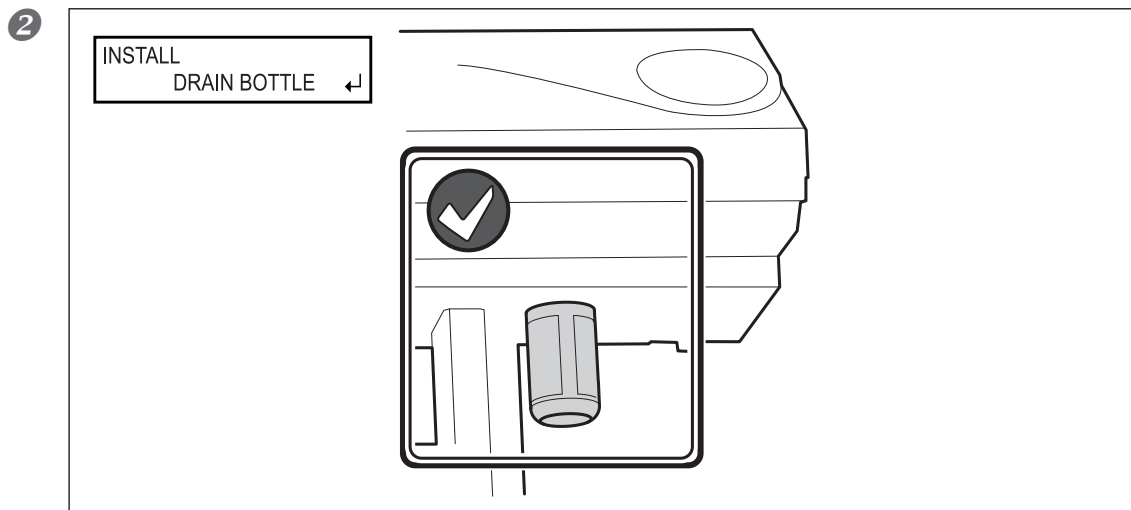
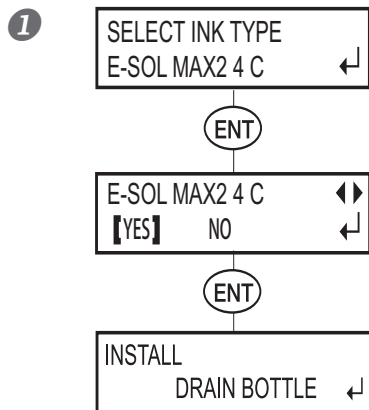


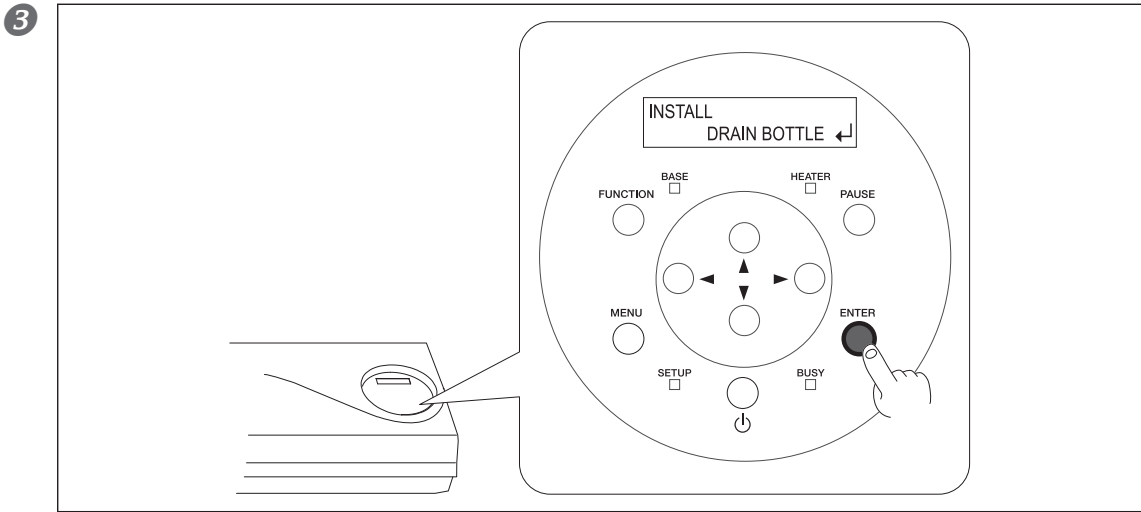
6. Filling with Ink



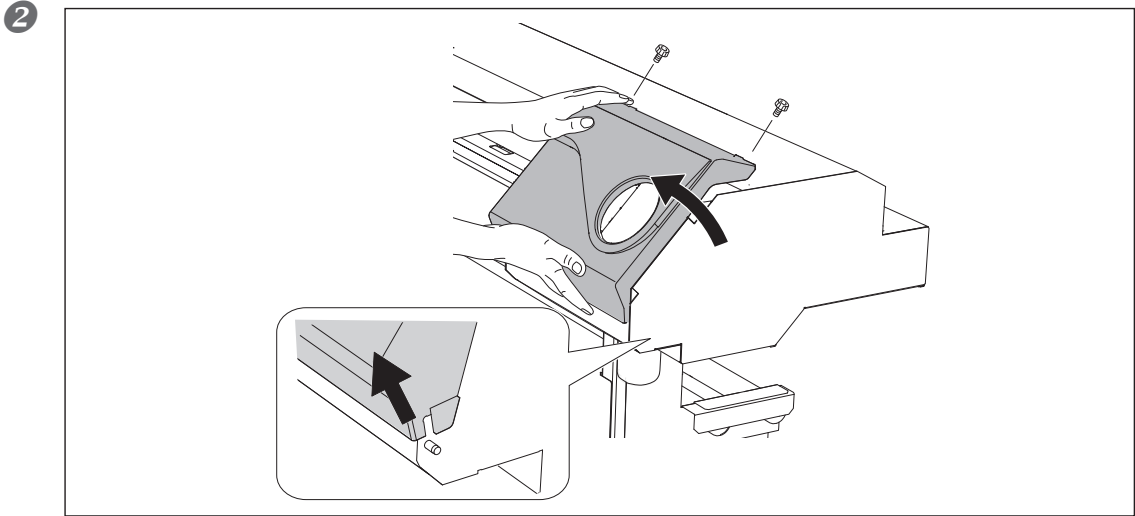
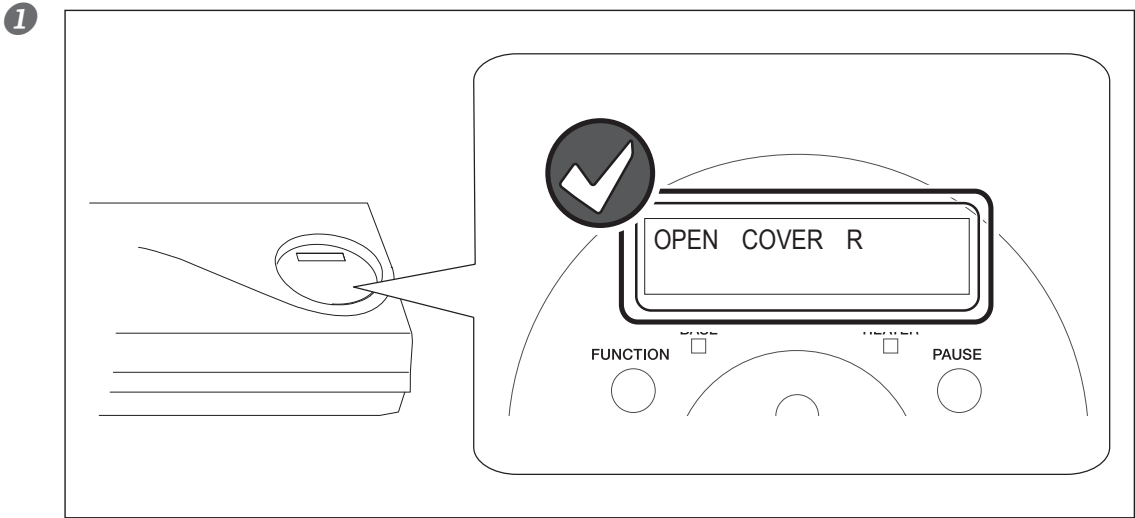
Select the language and the unit of measurement (Length, Temperature) you want.

2. Select the ink type.

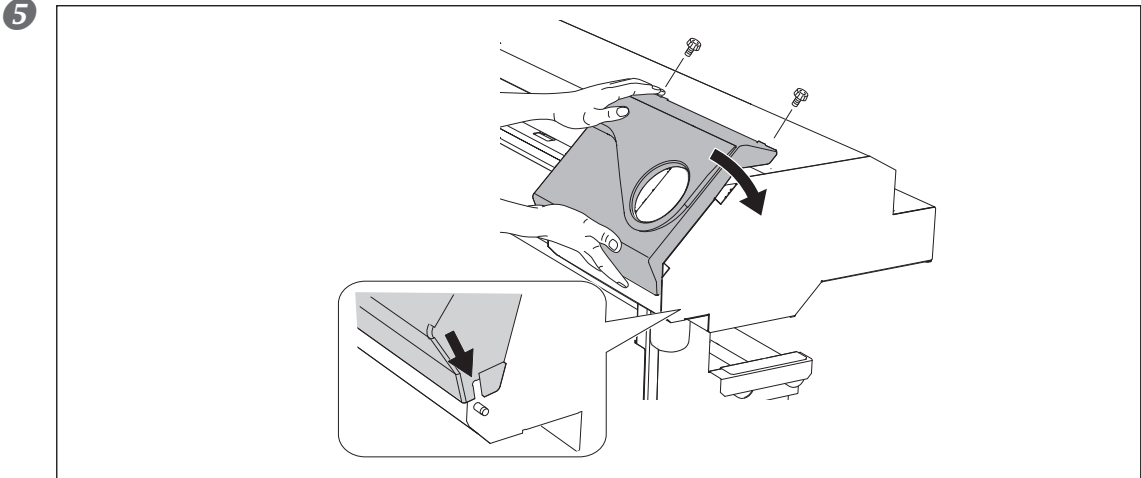
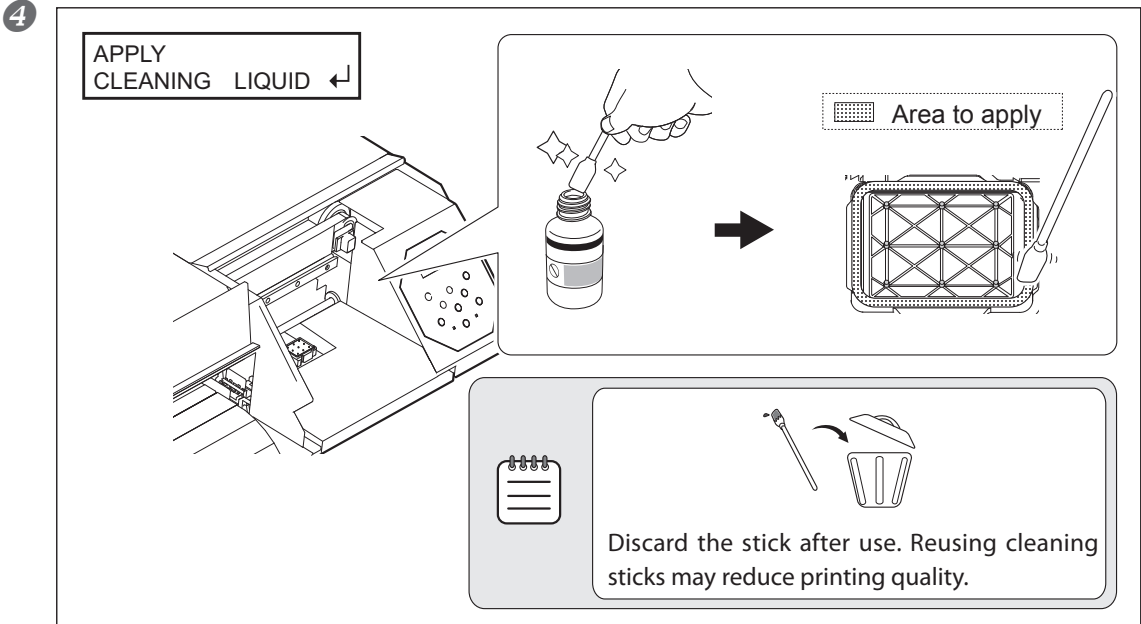
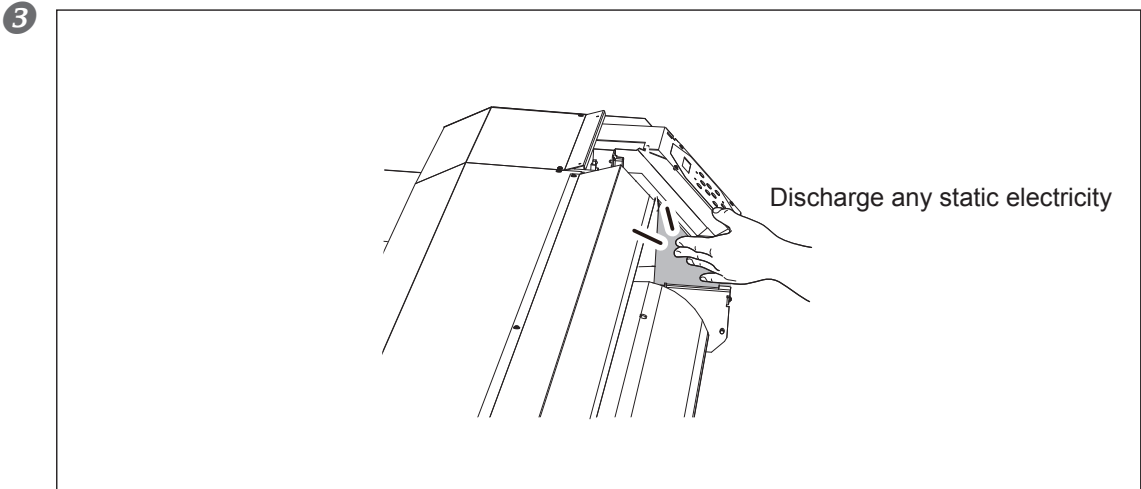


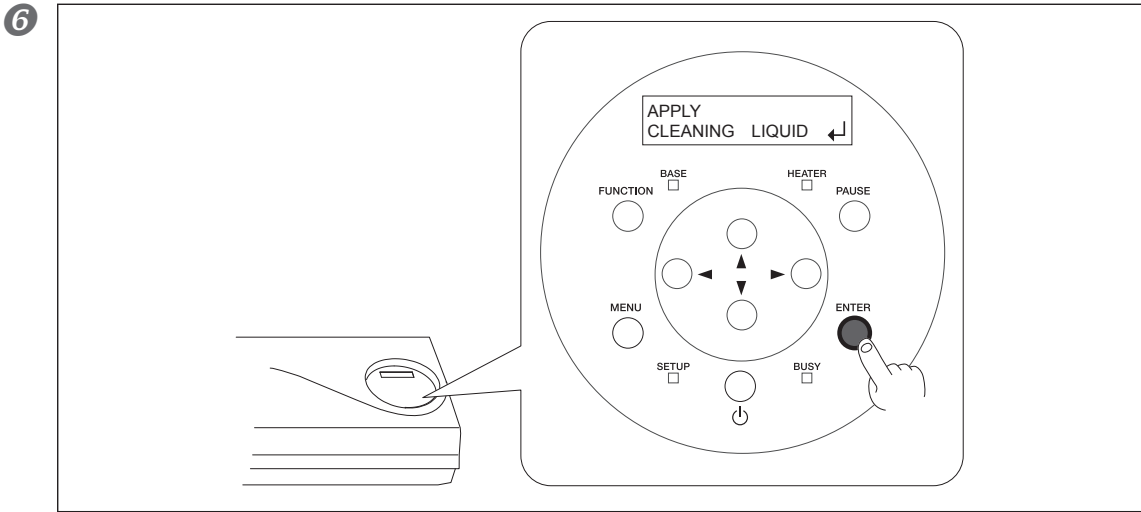


3. Apply the Cleaning Liquid.



6. Filling with Ink





4. Clean the print head with the SOL INK cleaning cartridges.

About the LED



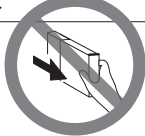
When the cartridges are inserted as instructed in the display screen

- When the instruction for the cartridge insertion and removal is displayed
- When the cartridges are not inserted as instructed in the display screen

The diagram illustrates two LED states for the ink cartridges:

- LIGHT ON:** The display shows 'YE' and 'YE' with '1' and '2' below them. The printer shows the cartridges inserted correctly.
- FLASH:** The display shows 'YE' and 'YE' with a sunburst icon and '1' and '2' below them. The printer shows the cartridges inserted incorrectly.

6. Filling with Ink

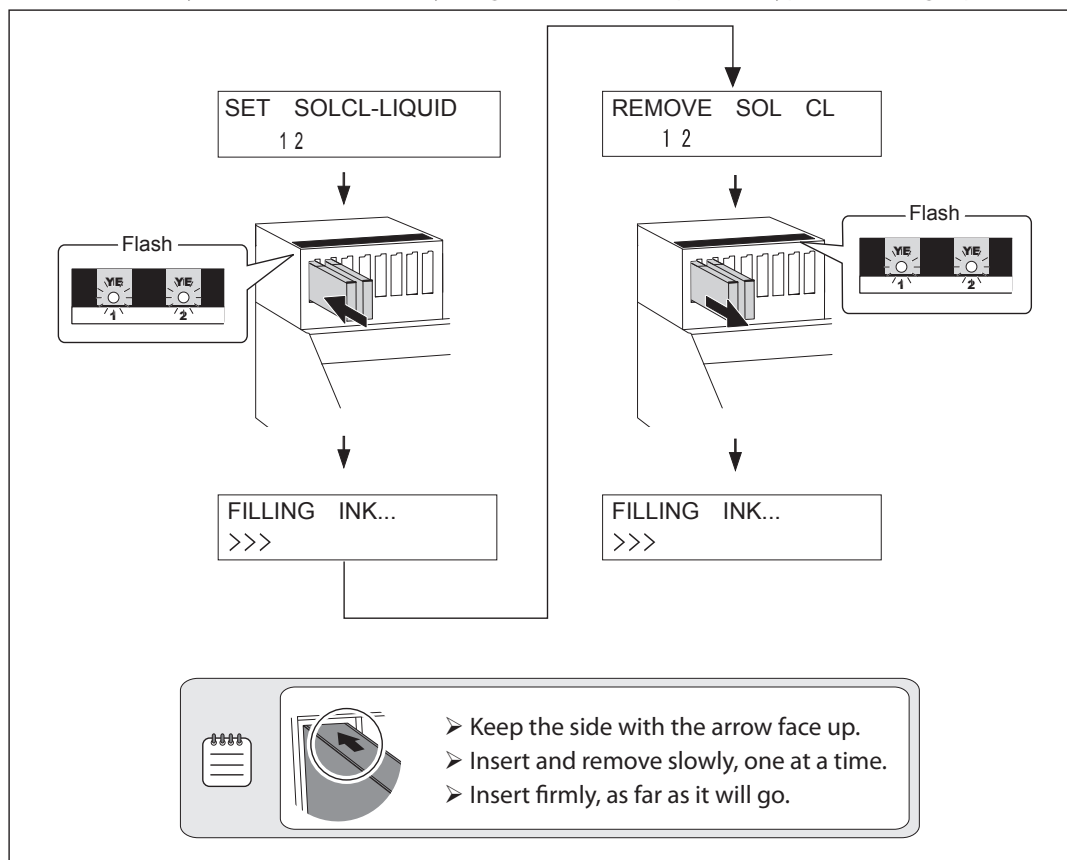
Never switch off the power during the procedures or never remove a cartridge while [FILLING INK] is displayed. [CLEANING ERROR] appears on the display screen and ink filling is stopped. In that case, follow the instructions described in the section "Cleaning error" in "If Error Message Appears" of User's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

FILLING INK...
>>>

1 Follow the on-screen instructions to remove and insert the SOL INK cleaning cartridges.

*Be sure to use new SOL INK cleaning cartridges.

*Never, under any circumstances, use anything other than the specified type of cleaning liquid.



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

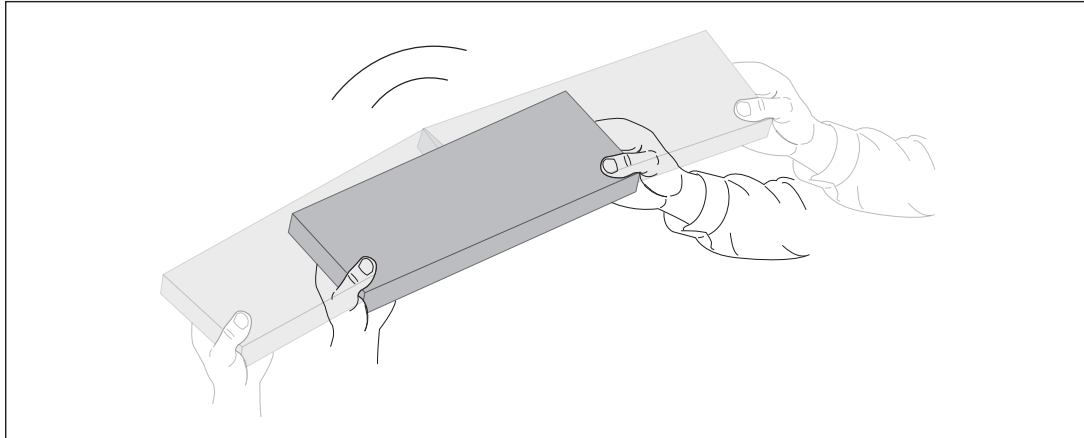
It takes about 40 minutes in total to clean the print head.

5. Filling with Ink.

1 Shake the ink cartridges for each color gently.

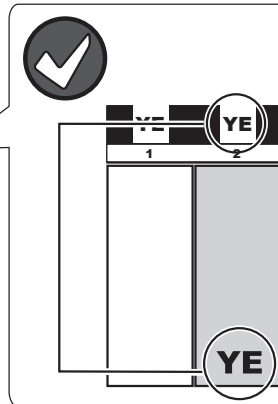
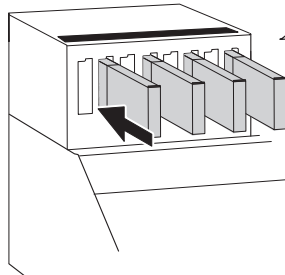
*Be sure to use new ink cartridges.

*Never, under any circumstances, use anything other than the specified type of ink.



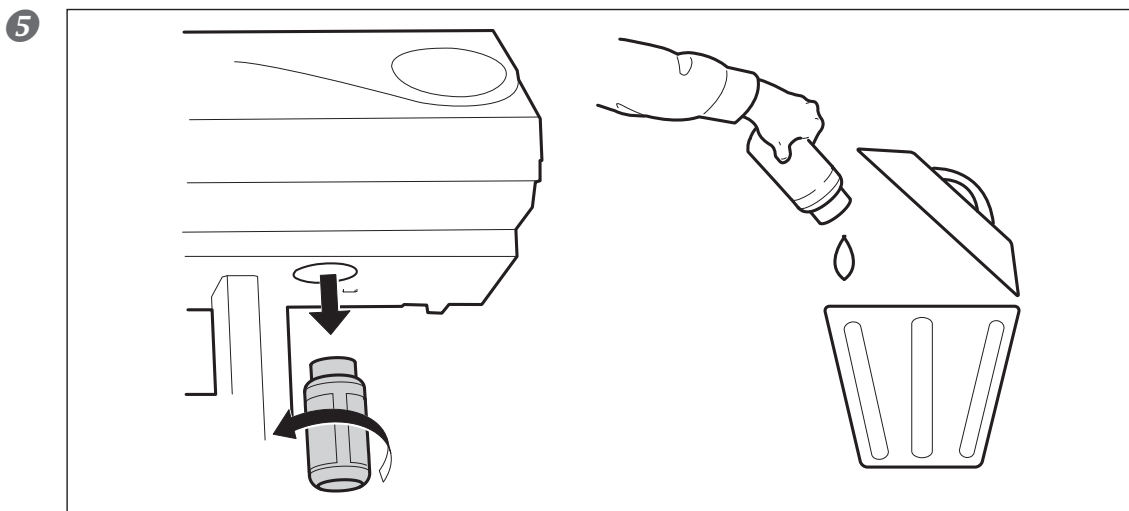
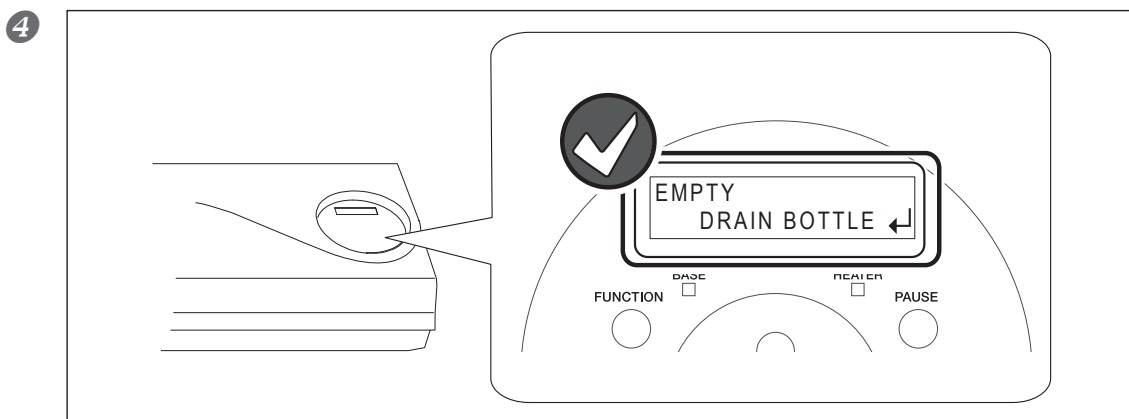
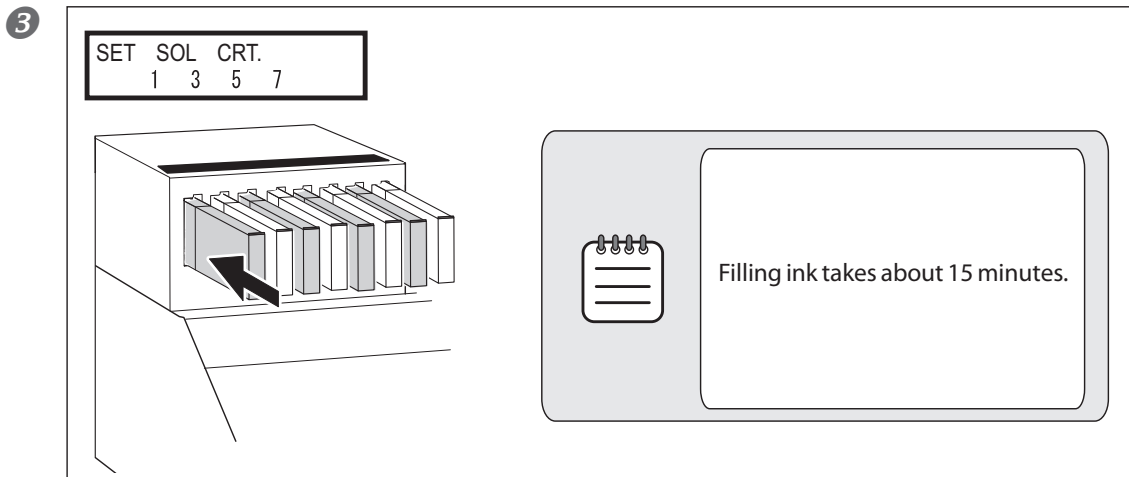
2

SET	SOL	CRT.
2	4	6 8



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.

6. Filling with Ink



⚠ CAUTION

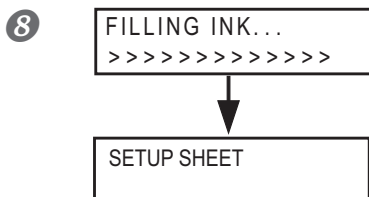
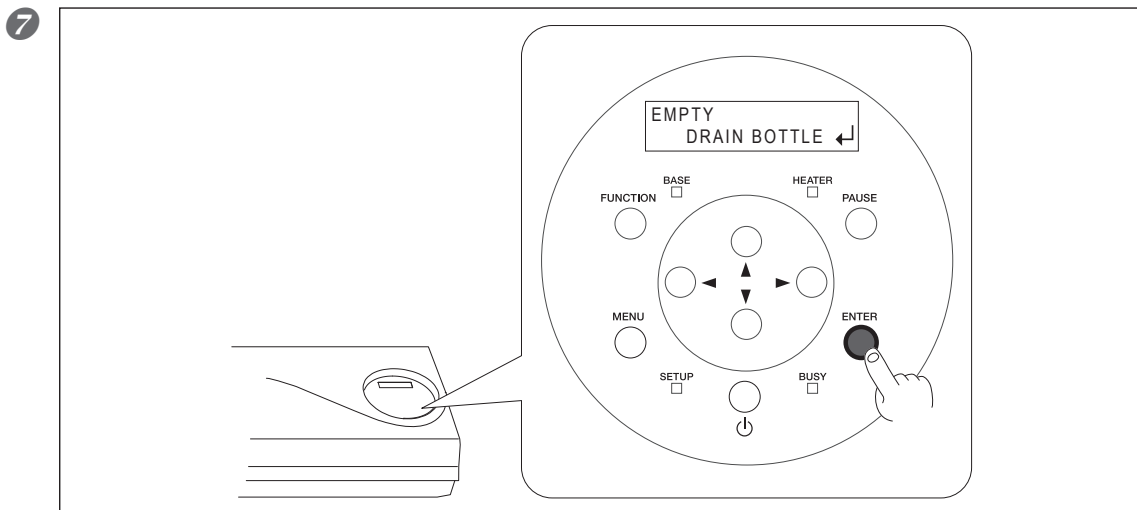
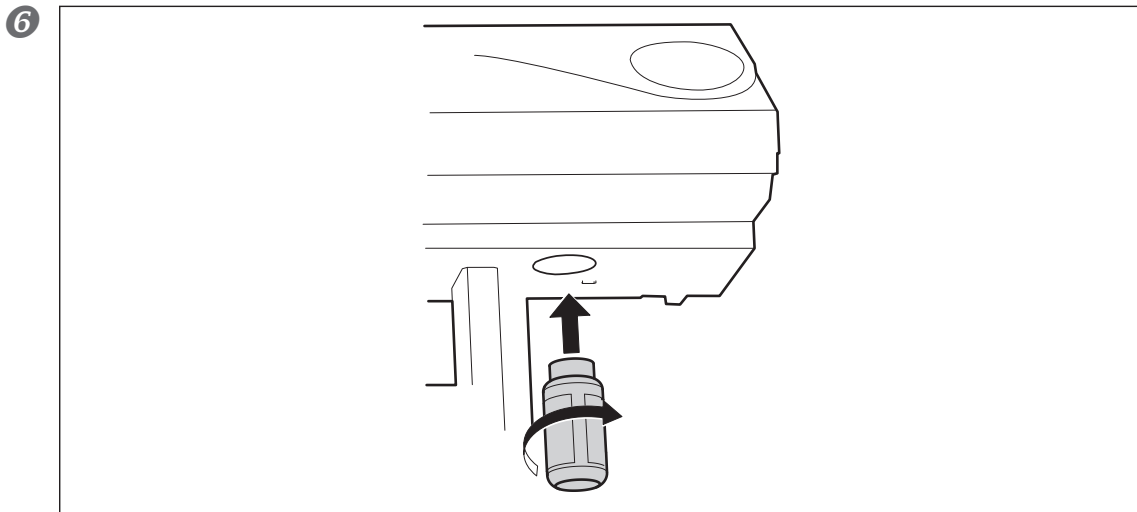
Before you detach the drain bottle, be sure to wait for the screen to display "EMPTY DRAIN BOTTLE."

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.

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.

7. Network Settings

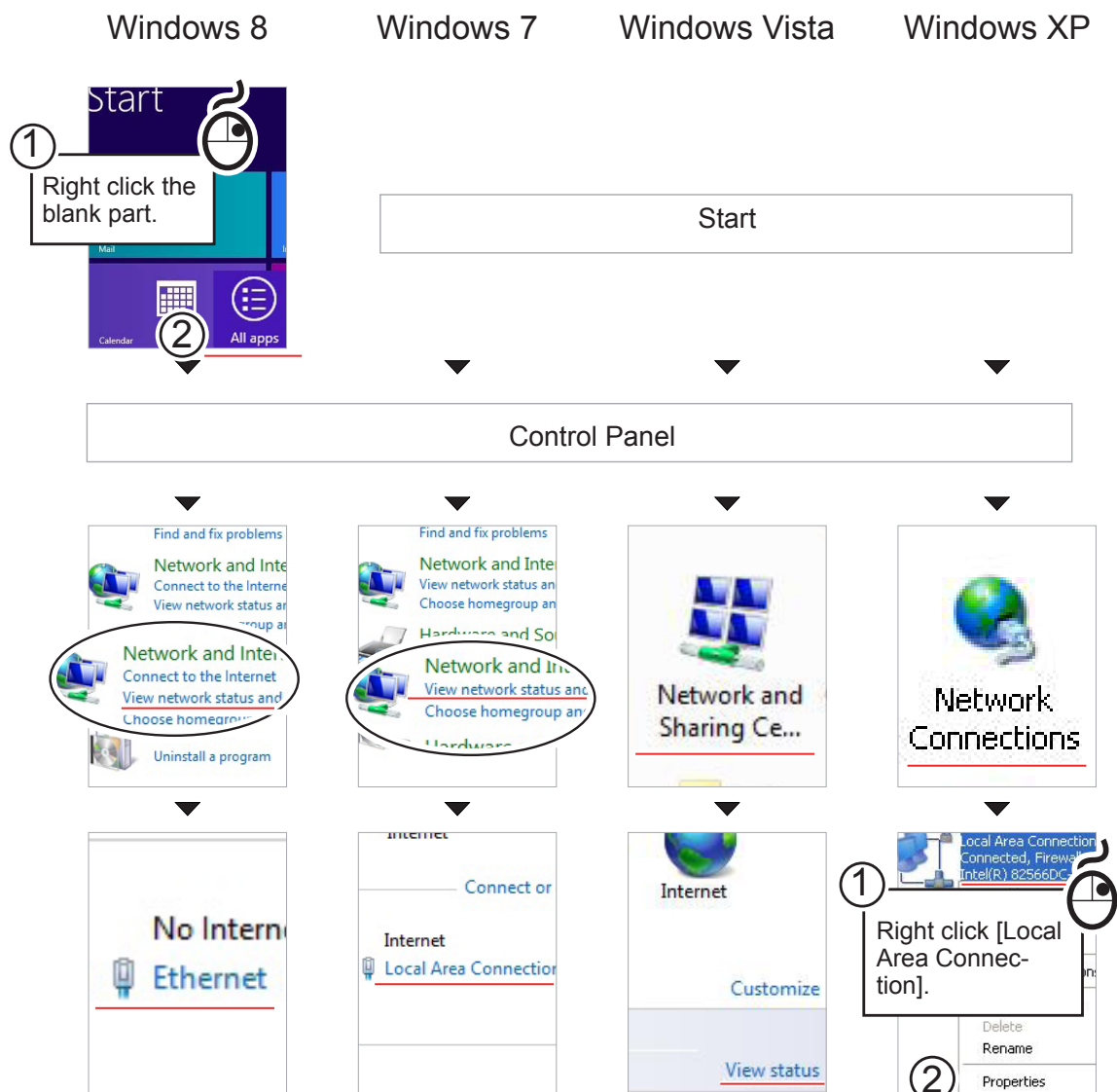
Memo

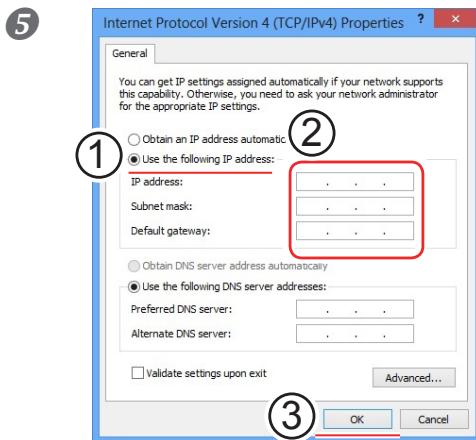
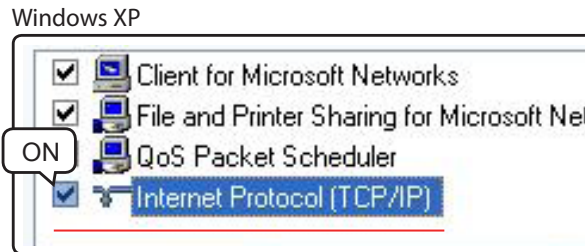
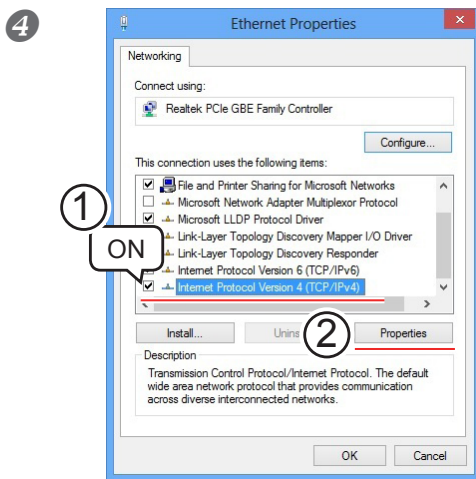
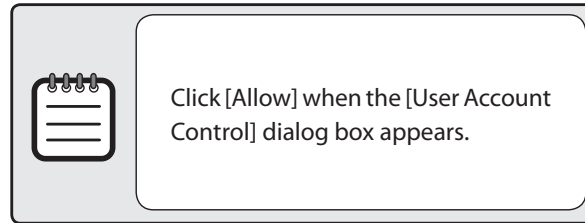
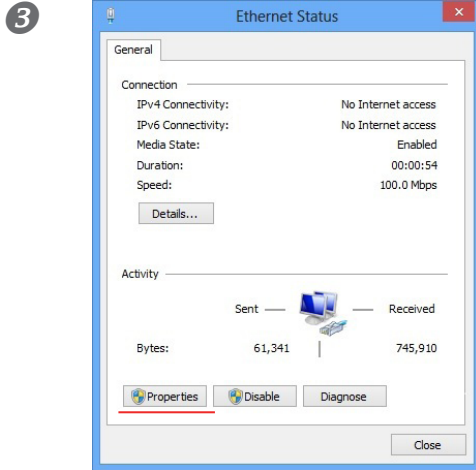
The examples used in the procedures for making the settings described in this section assume you are using one computer and one machine. The settings used in this section are merely example settings. The procedures and setting values described here may not be suitable for all operating environments.

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.

Step 1: Make the Network Settings for the Computer

- 1 Log on to Windows as an "Administrator" or a member of the "Administrators" group.
- 2 Display the [Ethernet Status] dialog box (Windows 8).



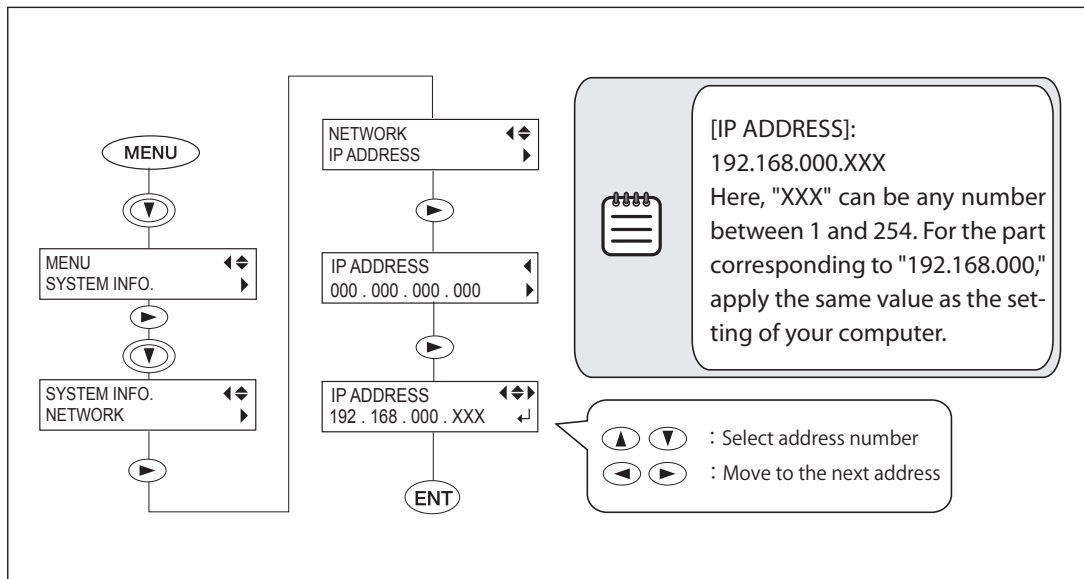


②
[IP address]: 192.168.0.XXX
[Subnet mask]: 255.255.255.0
 Here, "XXX" can be any number between 1 and 254. However, be sure to avoid the numbers overlapping with those for other computers or devices.

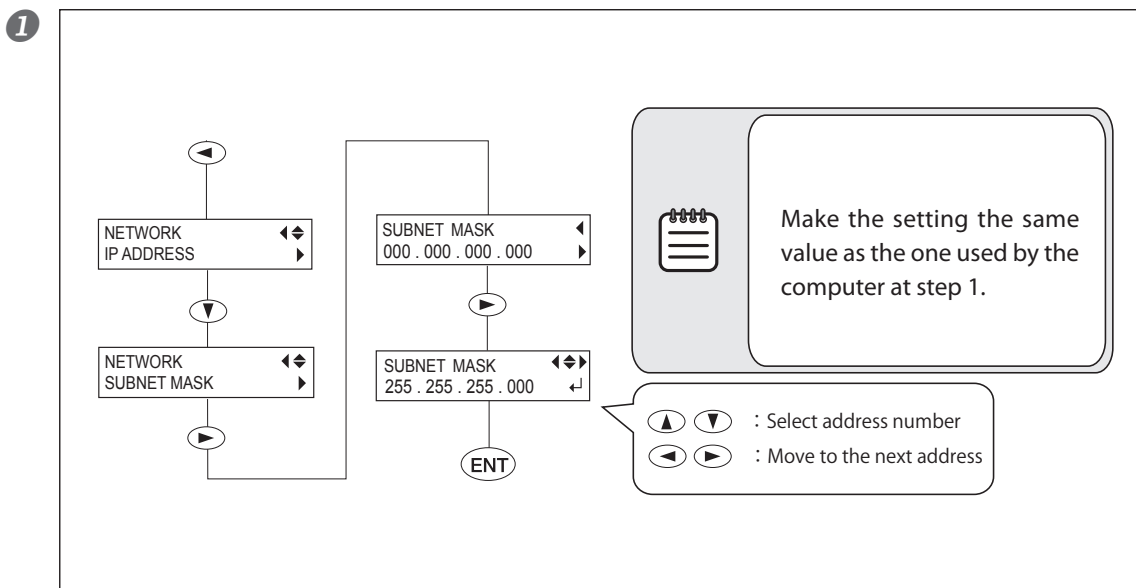
⑥ Click [OK] in the [Ethernet Properties] dialog box, and then click [Close] in the [Ethernet Status] dialog box (Windows 8).

Step 2: Make the Network Settings on the Machine

1. Set the IP address.



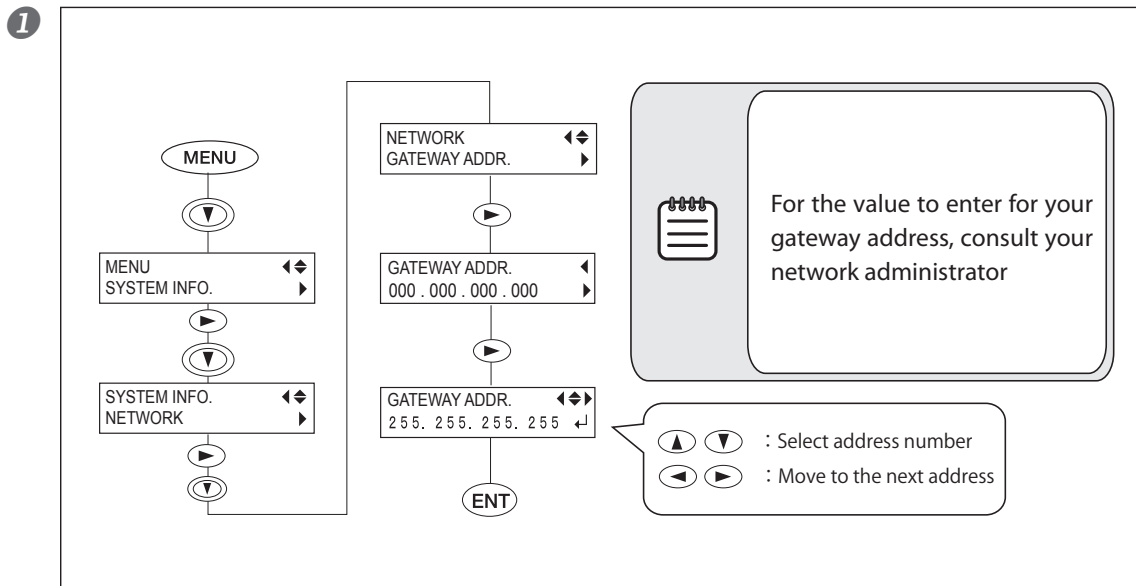
2. Set the subnet mask.



2 Press **MENU** 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 machine. 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.



② Press **MENU** 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 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 RIP. For the information on the method to conduct a printing test, refer to the documentation for the software RIP.

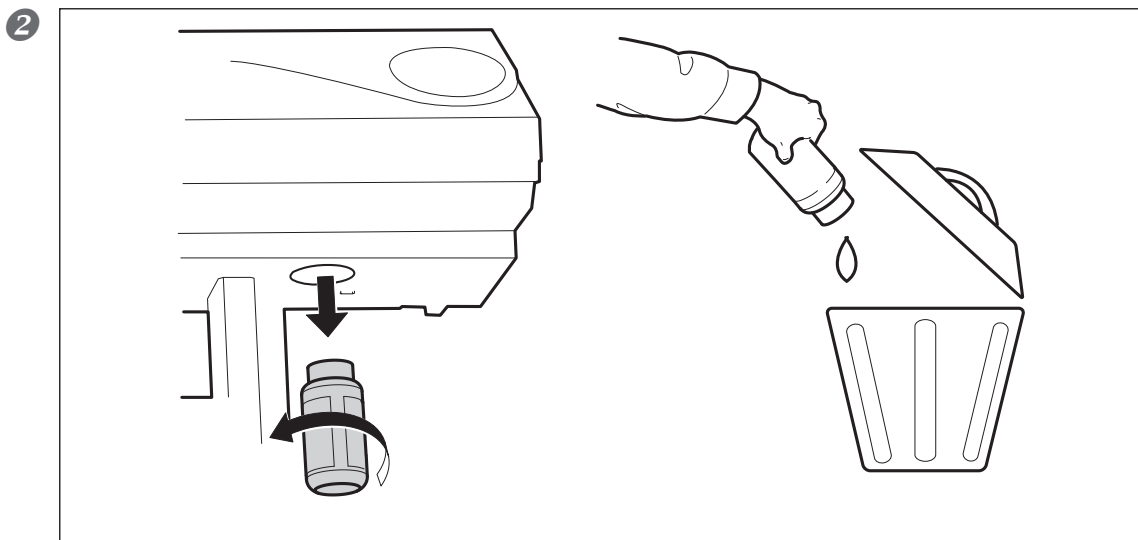
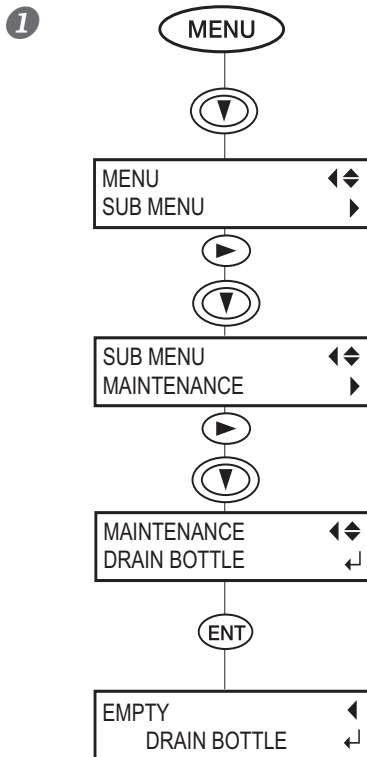
8. When Moving the Machine

Procedures from Preparing to Move Through Reinstalling

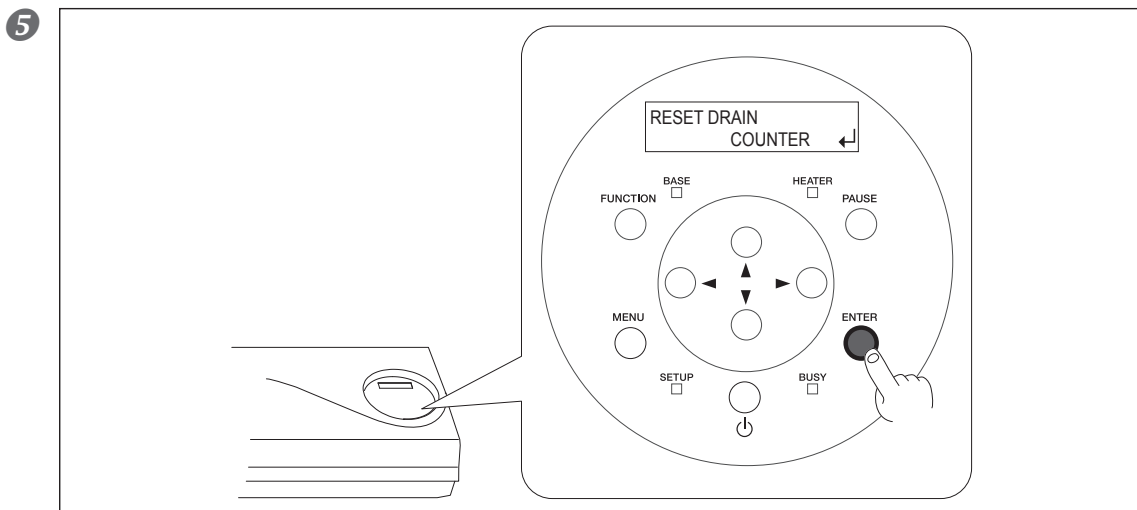
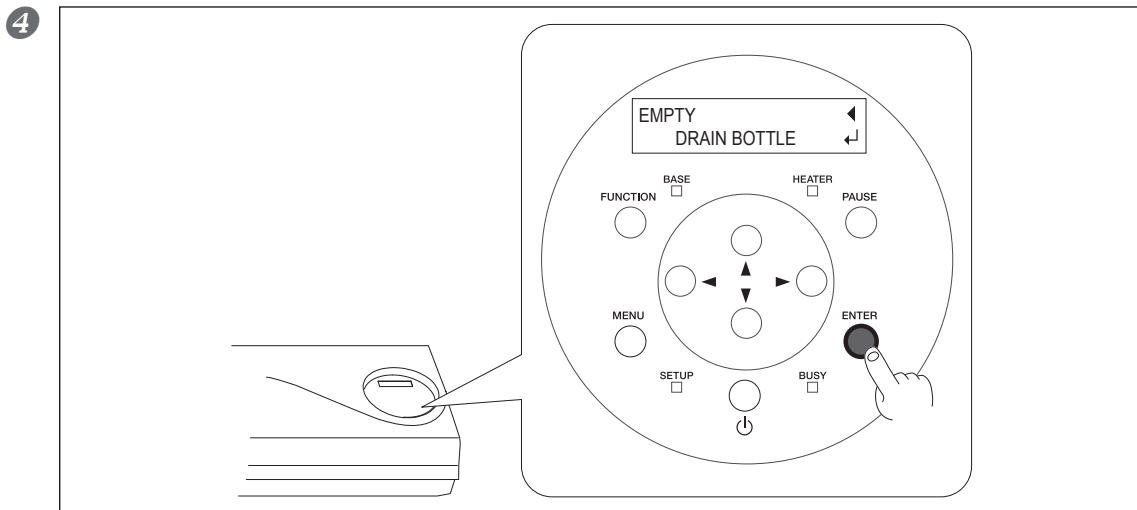
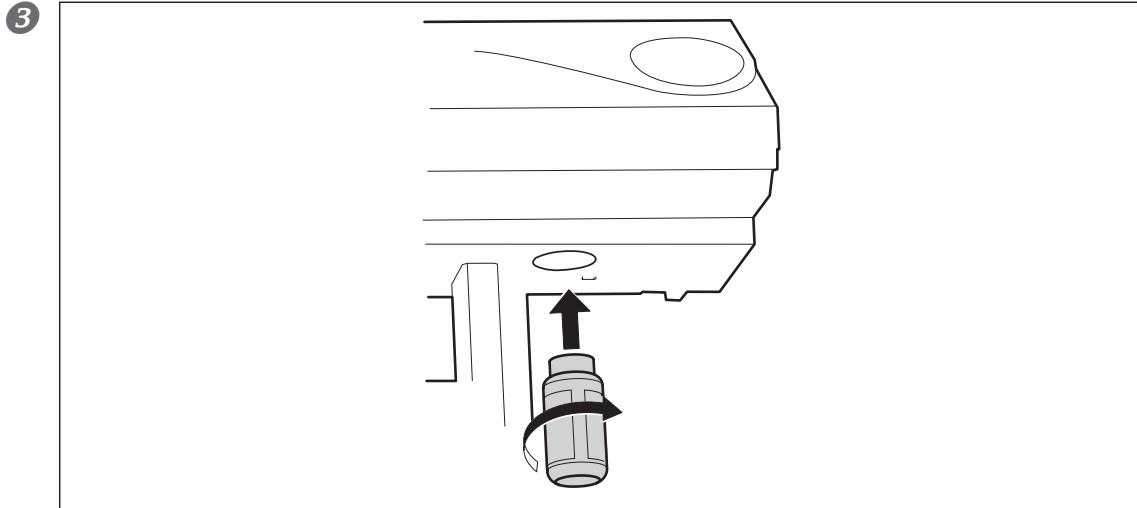


When moving the machine, keep it at a temperature between 5 to 40°C (41 to 104°F) and at relative humidity between 20 to 80% (with no condensation). Failure to do so may result in breakdown.

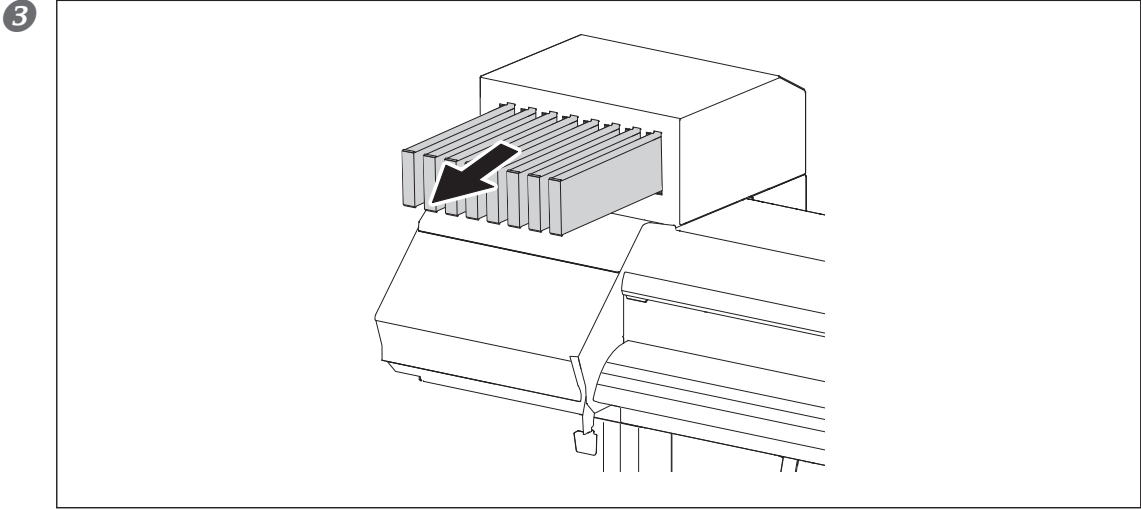
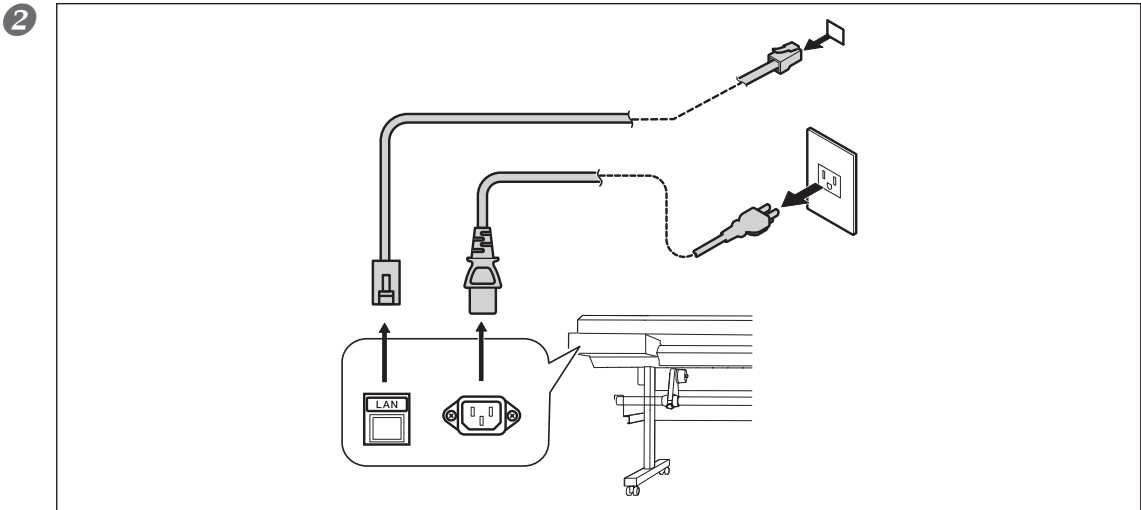
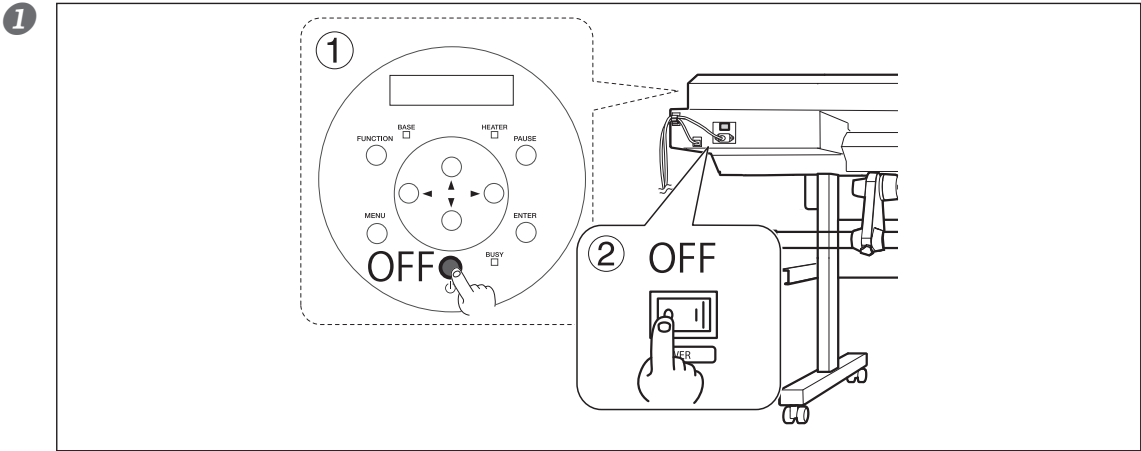
1. Discard the discharged ink.

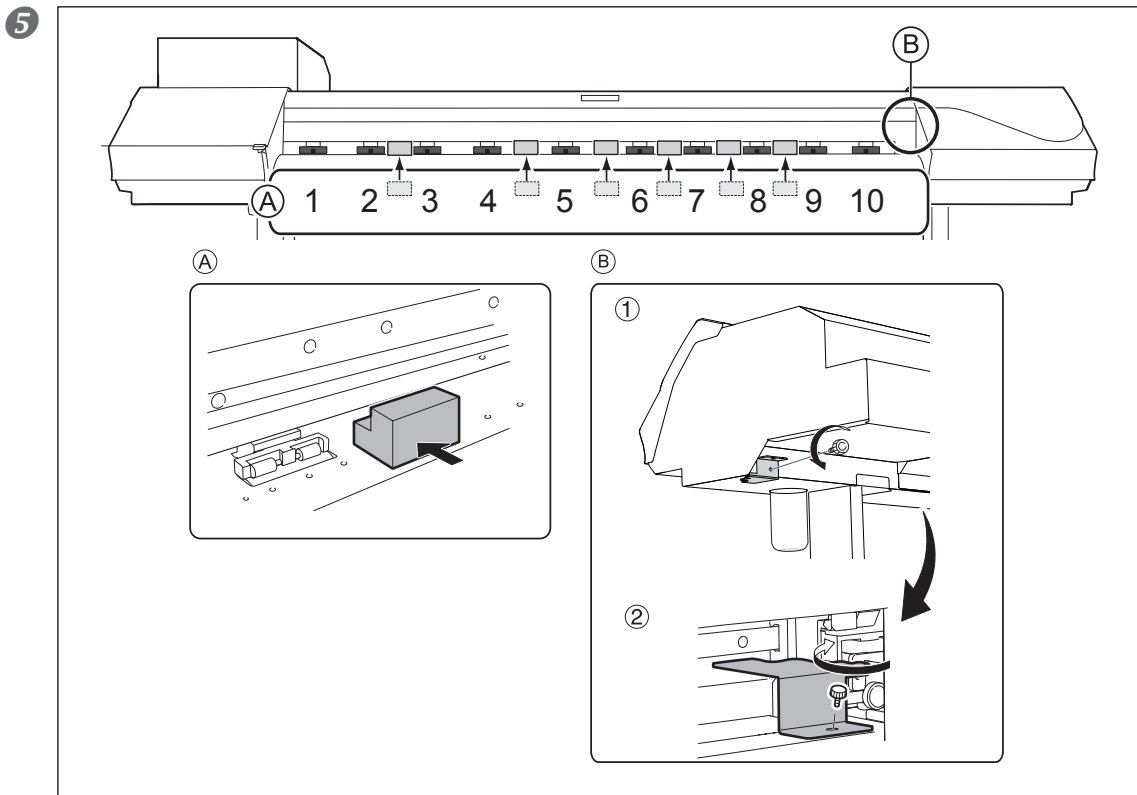
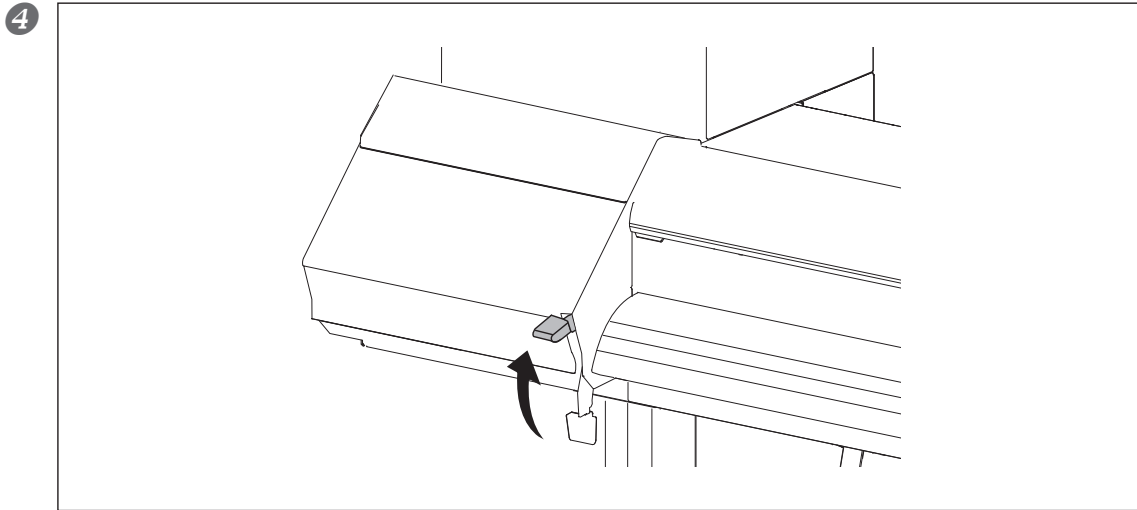


8. When Moving the Machine



2. Prepare to move.





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. 8, "4. Assembling and Installing"

