

TrueVIS VG-640 Supplemental Explanations

Read This before Starting to Assemble the Product

Thank you very much for purchasing the VG-640.

There are a number of supplemental points that need to be added and corrections that need to be made to the instruction manuals included with the product.

Manual name	Affected page	Title	Page in this manual
Setup Guide	P. 4	2. Included Items	P. 2
	New addition	Switching the Ink Tube and Affixing a Label	P. 2
	P. 18 to 20	Step 7: Ink Filling	P. 3
User's Manual	P. 15 to 16	Main Menu	P. 7
	P. 65	Out-of-ink Warnings	P. 8
	P. 95	Super Cleaning	P. 8
	P. 101	Cleaning the Wiper Tray and Replacing the Tray Pads	P. 9
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Roland DG Corporation

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.
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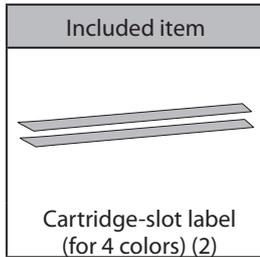
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Additions and Changes to the Setup Guide

Change: 2. Included Items (on page 4)

The following included item has been added.



* With the factory default settings, these labels are affixed to the platen at the location where the front cover opens.

Added Operation: Switching the Ink Tube and Affixing a Label

This operation is required after "Step 4: Removing the Retainers" on P. 14.

MEMO

This added operation only applies to the case where you are using four colors: CMYK. This operation is not required if you are using seven colors: CMYKLcLmLk.

About this procedure

This procedure must be performed by a suitably qualified service technician. Never attempt to perform this procedure yourself.

CAUTION

Leave this work to a suitably qualified worker.

This procedure includes work near sources of electrical danger and complex assembly work. Incorrect work may result in injury and mechanical malfunction.

Items used in this procedure

Included items	Cartridge-slot label (for 4 colors)
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Change: Step 7 : Ink Filling (on page 18 to 20)

The operations on P. 18 to P. 20 differ from the actual operations. Replace the information on P. 18 to P. 20 with that shown below.

1. Select the ink type.

- 1 Press [▲] or [▼] to select the ink type, and then press [ENTER].

SELECT INK TYPE ◀ TrueVIS 7C ▶	SELECT INK TYPE ◀ TrueVIS 4C ▶
--	--

Select Ink Type	Cyan (C) Magenta (M) Yellow (Y) Black (K)	Light Cyan (Lc) Light Magenta (Lm) Light Black (Lk)
TrueVIS 7C	✓	✓
TrueVIS 4C	✓	

- 2 Press [◀] or [▶] to select [YES], and then press [ENTER].

TrueVIS 7C ▶ [YES] NO ▶	TrueVIS 4C ▶ [YES] NO ▶
--------------------------------------	--------------------------------------

If the ink type is incorrect, select [NO], press [ENTER], and redo the procedure 1.

- 3 Make sure the drain bottle is installed, and then press [ENTER].

☞ P. 13, "Step 3: Installing the Drain Bottle"

INSTALL DRAIN BOTTLE ▶

The screen shown below appears, and then the machine starts the preparations for the ink filling. The remaining time for the procedure is displayed on the screen. (The display shown below is an example. "20:00" = "20 minutes and 00 seconds")

FILLING INK... >>>> 20:00

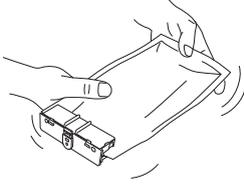
MEMO

If the screen shown below appears here, pouch trays remain in the ink slots and/or in the cleaning liquid slot. Remove all the pouch trays.

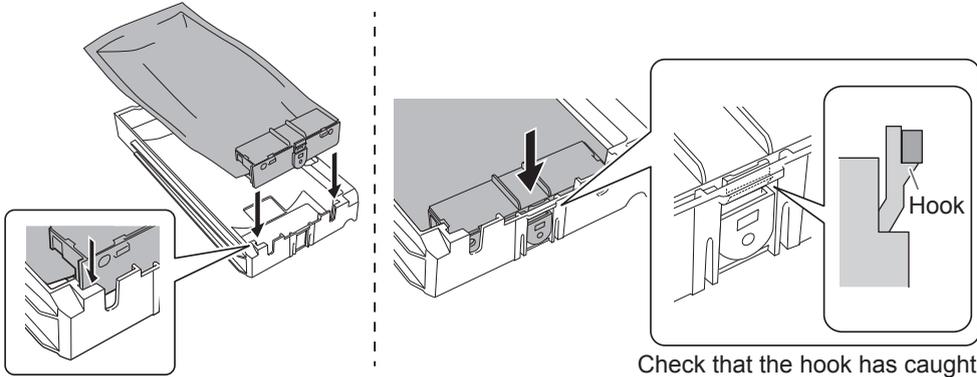
1_2_3_4_ 5_6_7_8_	CHANGE CL-LIQUID FOR WIPER
----------------------	-------------------------------

2. Fill the machine with ink and cleaning liquid.

- 1 Gently shake the ink pouch for each color.



- 2 Set the ink pouch for each color and the wiper cleaning liquid pouch in the pouch trays.



- 3 When the screen shown below appears, set the pouch tray in which you have set an ink pouch in the ink slot whose number is flashing.

Check the color names indicated on the ink slots and the ink pouches to set all the pouch trays in their correct positions. Insert the pouch trays as far as they will go.

7 colors (CMYKLcLmLk)

```
SET CARTRIDGE
12345678
```

4 colors (CMYK)

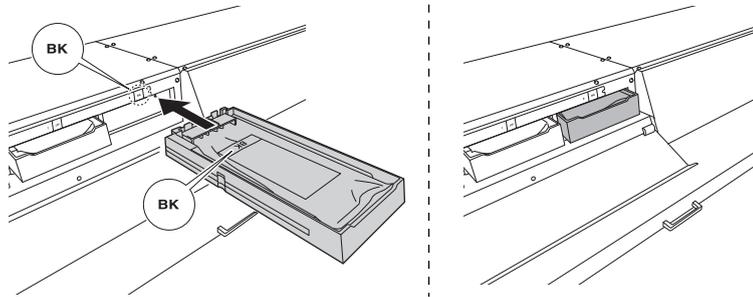
```
SET CARTRIDGE
 2 4 6 8
```

```
FILLING INK
>>>> 20:00
```

```
SET CARTRIDGE
 1 3 5 7
```

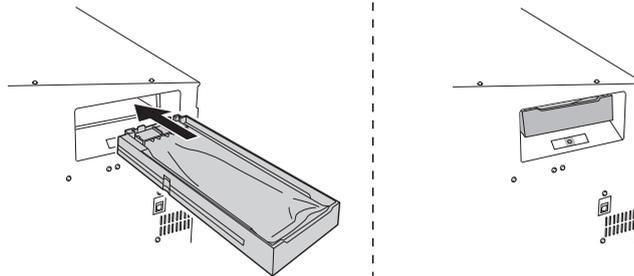
MEMO

When using four colors (CMYK), set the pouch trays in the "2, 4, 6, 8" ink slots. Then, when "1, 3, 5, 7" is displayed, set the remaining pouch trays in the remaining ink slots.

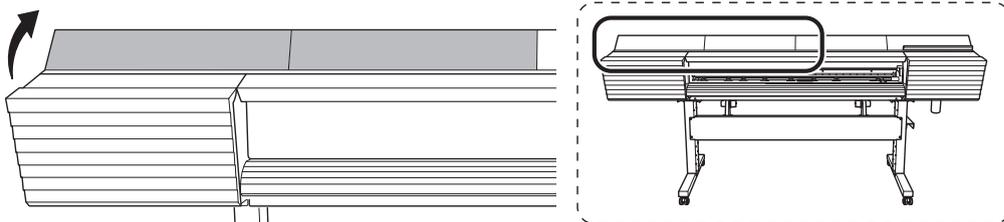


- 4** When the screen shown below appears, set the pouch tray in which you have set the wiper cleaning liquid pouch in the cleaning liquid slot. Insert the pouch trays as far as they will go.

SET CL-LIQUID
FOR WIPER



- 5** Close the ink slot cover.



The screen shown below appears. The remaining time for the procedure is displayed on the screen. (The display shown below is an example. "20:00" = "20 minutes and 00 seconds")

FILLING INK...
>>>> 20:00

- 6** When the screen shown below appears, remove the drain bottle and discard the discharged fluid.



EMPTY
DRAIN BOTTLE↔

⚠ CAUTION

Before you detach the drain bottle, be sure to wait for the screen to display [EMPTY DRAIN BOTTLE]. After discarding the discharged fluid, promptly attach the drain bottle to the machine.

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

⚠ WARNING

Never place discharged fluid or ink near an open flame.

Doing so may cause a fire.

⚠ CAUTION

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

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

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

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.

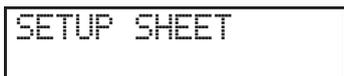
- 7** Quickly attach the emptied drain bottle to the machine once more.

MEMO

When using four colors (CMYK), repeat steps **6** and **7** twice.

- 8** Press [ENTER].

When the screen shown below appears, filling with ink is finished.

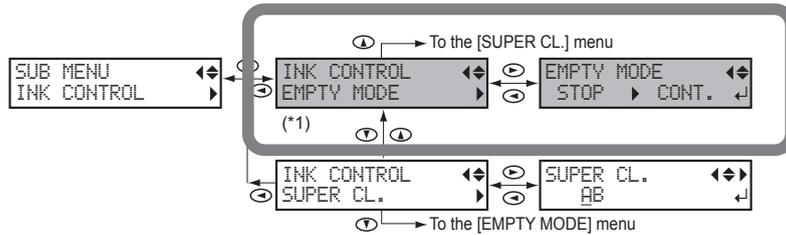


SETUP SHEET

Changes to the User's Manual

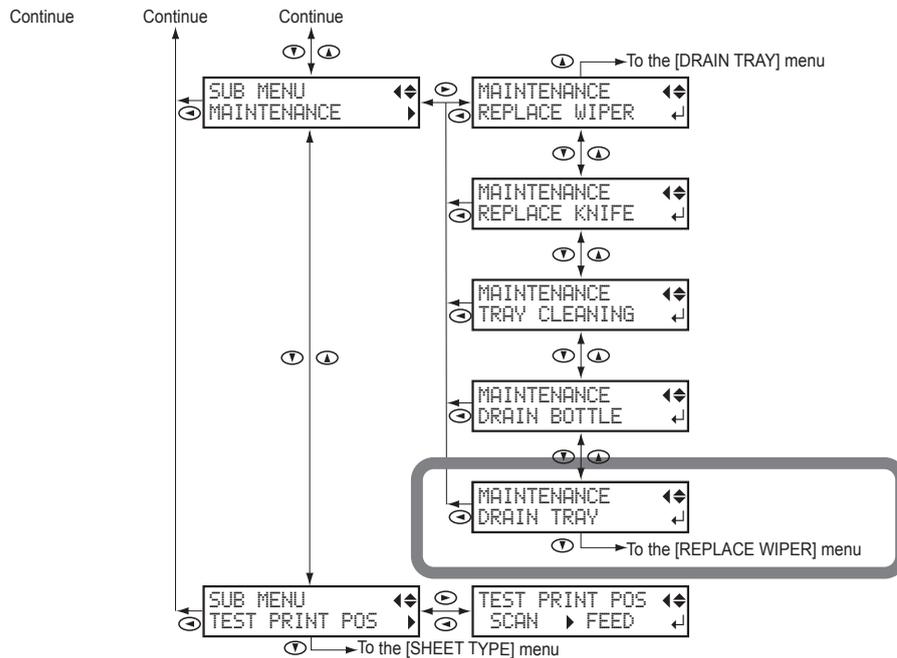
Change: Main Menu (on page 14 to 17)

When using four colors (CMYK), the "EMPTY MODE" menu is not displayed. (Affected page: P. 15)



(*1) This is only displayed when you are using seven colors (CMYKLcLmLk).

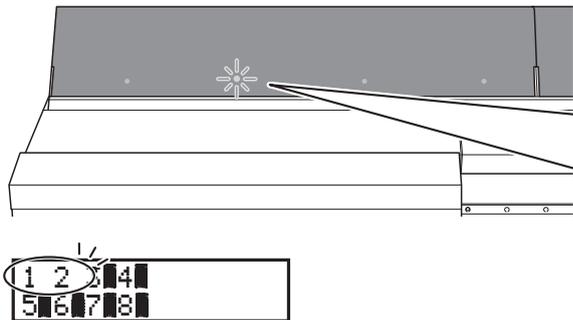
The "DRAIN TRAY" menu has been added. (Affected page: P. 16)



Change: Out-of-ink Warnings (on page 67)

The notification provided when ink runs out differs when using four colors (CMYK) and when using seven colors (CMYKLcLmLk).

If Using 4 Colors (CMYK)

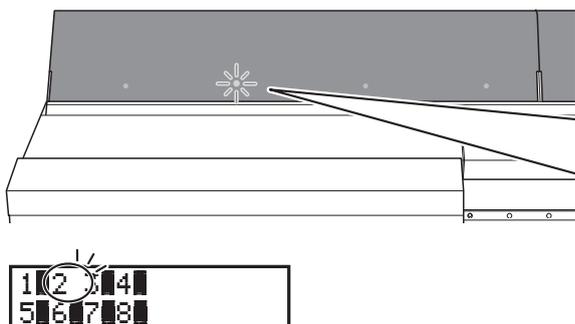


If both inks of the same color run out, the numbers of the color that has run out flash.

If one ink cartridge of the same color runs out, the machine continues printing using the other ink cartridge. When all ink cartridges of the same color run out, printing pauses and a warning beep sounds.

Lit	Indicates that ink still remains
●	
Flashing	Indicates that ink has run out
☼	
Off	Indicates an ink pouch that is currently not in use
○	

If Using 7 Colors (CMYKLcLmLk)



If an ink runs out, the numbers of the color that has run out flash.

Lit	Indicates that ink still remains
●	
Flashing	Indicates that ink has run out
☼	

When an ink runs out, printing pauses (unless the factory default settings have been changed,) and a warning beep sounds.

Change: Super Cleaning (on page 95 to 97)

When using four colors (CMYK), the "EMPTY MODE" menu is not displayed. Therefore, the procedure for entering the "SUPER CLEANING" menu differs.

2 Press [MENU].

3 Press [▼] several times to display the screen shown below.

```
MENU      ◀▶
SUB MENU  ▶
```

4 Press [▶] once, and then press [▼] several times to display the screen shown below.

```
SUB MENU  ◀▶
INK CONTROL ▶
```

5 When using seven colors (CMYKLcLmLk): Press [▶] then [▼] to display the screen shown below.

When using four colors (CMYK): Press [▶] to display the screen shown below.

```
INK CONTROL ◀▶
SUPER CL.  ▶
```

Change: Cleaning the Wiper Tray and Replacing the Tray Pads (on page 102 to 105)

The operations shown in steps 4 and 5 under "2. Discard the discharged fluid." on P. 103 do not occur, so these steps have been deleted.

2 Quickly attach the emptied drain bottle to the machine once more.

3 Press [ENTER].

4 Press [◀][▶] to select [YES].

```
NOW EMPTY?  ◀▶
[YES] [NO]  ◀
```

⚠ CAUTION

When the [EMPTY DRAIN BOTTLE] message appears on the screen, discard discharged fluid as early as possible.

Repeatedly selecting [NO] without discarding the discharged fluid may cause it to spill out of the drain bottle, soiling your hands or the floor.

5 Press [ENTER].

Change: Determining What Happens When Ink Runs Out (on page 158)

When using four colors (CMYK), the "EMPTY MODE" menu is not displayed. Therefore, the details on this page are limited to the case in which you use seven colors (CMYKLcLmLk).

Change: Procedure from Preparing to Move to Reinstallation (on page 168 to 169)

The procedure has been changed as shown below. Replace the information on P. 168 to P. 169 with that shown below.

Before moving the machine, dispose of the discharged fluid and secure the print heads in place. Attempting to move the machine without first performing these preparations may result in damage to internal components due to leaking ink or damage to the print heads.

Important

- Once the arrangement to transfer the machine is complete, move the machine promptly, and turn on the power immediately after the machine is relocated. If you leave the machine without turning on the power, the deposited ink is coagulated, and it may result in problems such as clogging of the print heads.
- 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.
- Handle the machine with care when moving, keeping it level (not tilted at an angle) and preventing it from striking other objects.

1. Enter the menu for discharging the wiper tray cleaning liquid.

1 Press [MENU].

2 Press [▼] several times to display the screen shown below.

MENU	◀◆
SUB MENU	▶

3 Press [▶] once, and then press [▼] several times to display the screen shown below.

SUB MENU	◀◆
MAINTENANCE	▶

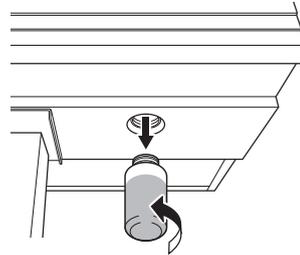
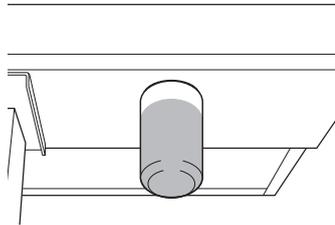
4 Press [▶] once, and then press [▼] several times to display the screen shown below.

MAINTENANCE	◀◆
DRAIN TRAY	↵

5 Press [ENTER].

- 6** When the screen shown below appears, remove the drain bottle and discard the discharged fluid.

EMPTY
DRAIN BOTTLE ↵



⚠ CAUTION

Before you detach the drain bottle, be sure to wait for the screen to display [EMPTY DRAIN BOTTLE]. After discarding the discharged fluid, promptly attach the drain bottle to the machine.

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

⚠ WARNING

Never place discharged fluid or ink near an open flame.

Doing so may cause a fire.

⚠ CAUTION

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

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

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

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.

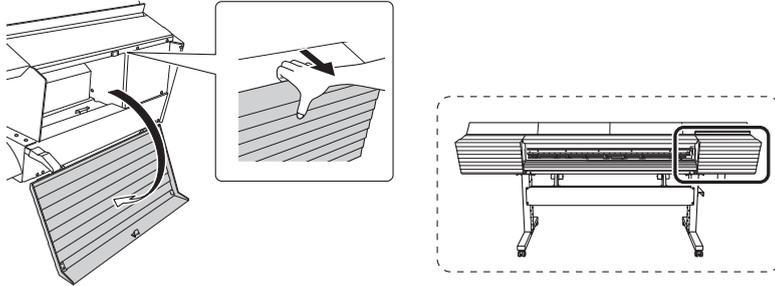
- 7** Quickly attach the emptied drain bottle to the machine once more.

- 8** Press [ENTER].

2. Discharge the cleaning liquid.

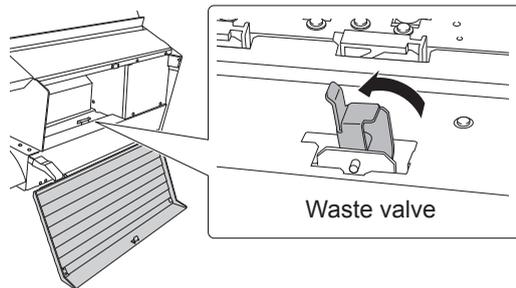
- 1 When the following screen is displayed, open the right cover.

OPEN COVER R



- 2 When the following screen is displayed, open the waste valve.

OPEN
WASTE VALVE



- 3 When the following screen is displayed, close the right cover.

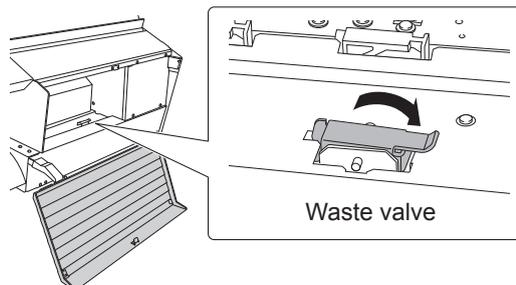
CLOSE COVER R

- 4 When the following screen is displayed, open the right cover.

OPEN COVER R

- 5 When the following screen is displayed, close the waste valve.

CLOSE
WASTE VALVE



- 6 When the following screen is displayed, close the right cover.

CLOSE COVER R

The sub power turns off automatically.

Important

After checking that the sub power has turned off, proceed to the next step. If you proceed to the next step before the sub power turns off, the discharged fluid may overflow.

- 7 Remove the drain bottle and discard the discharged fluid.

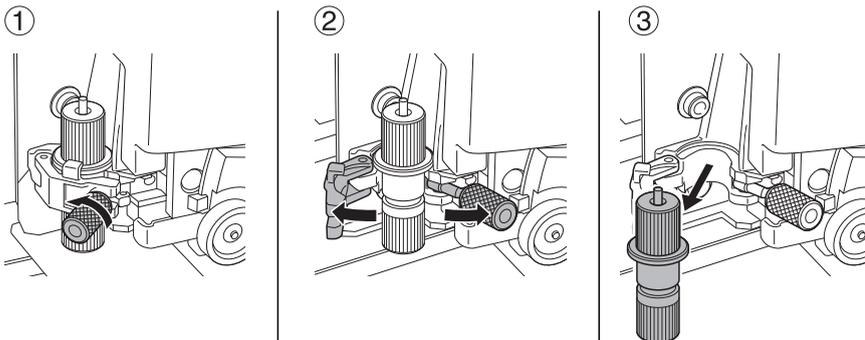
⚠ WARNING Never place discharged fluid or ink near an open flame. Doing so may cause a fire.

⚠ CAUTION To store discharged fluid temporarily, place it in the included drain bottle or in a durable sealed container such as a metal can or polyethylene tank, and cap the container tightly. Any spillage or vapor leakage may cause a fire, an odor, or physical distress.

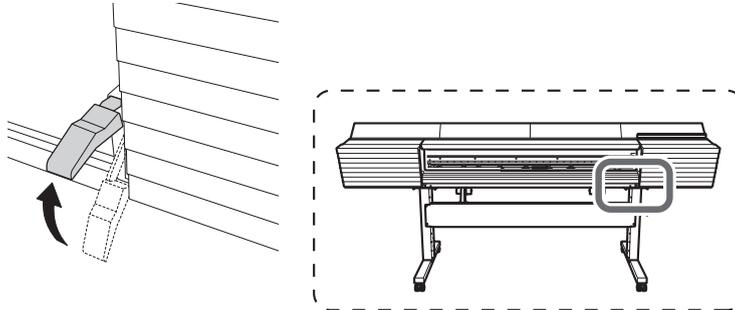
- 8 Quickly attach the emptied drain bottle to the machine once more.

3. Remove the blade holder, and then fix the print heads in place.

- 1 Remove the blade holder.

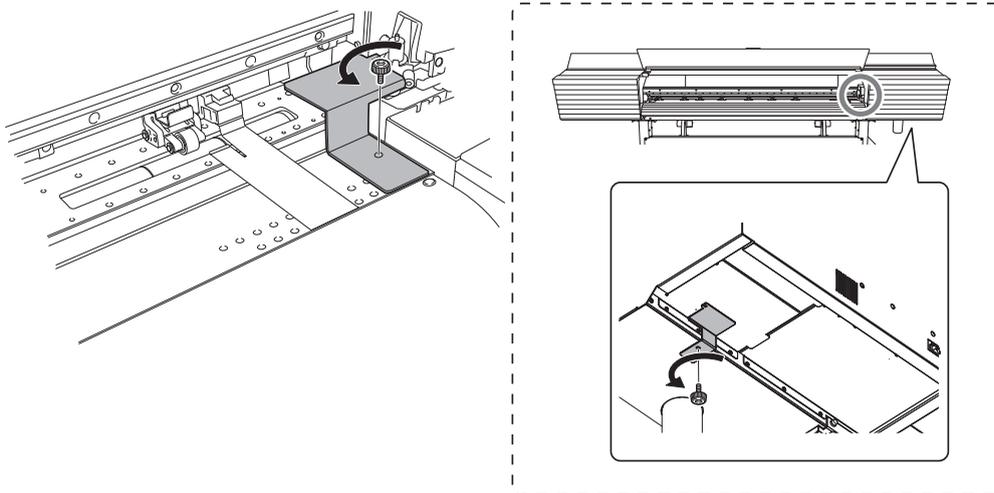


2 Raise the loading lever.



3 Secure the print heads in place using the retainer.

Use the retainer that was attached to the bottom of the machine during its installation.



4 Switch off the main power.

4. Relocate the machine.

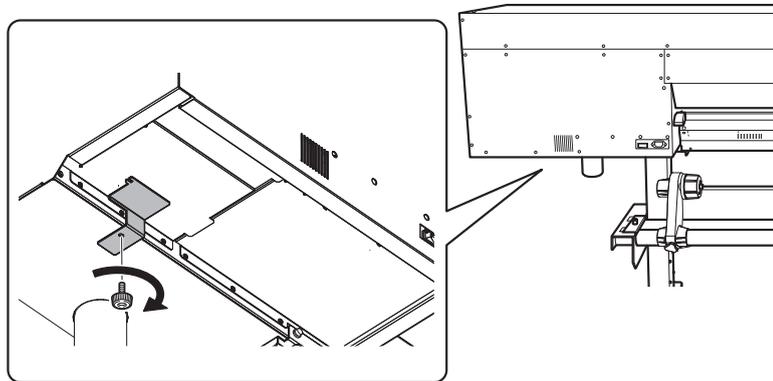
1 When the preparation for transfer is complete, transport the machine as soon as possible.

2 Reinstall the machine and switch on the main power immediately.

Important

To prevent the print heads from being damaged, complete the relocation without taking too much time, and turn on the main power of the machine immediately after it is transferred. To install the machine again, follow the procedure in the Setup Guide.

- 3 Remove the retainer that secures the print heads in place.**
 For storage, attach the retainer in the position indicated in the figure.



- 4 Switch on the sub power.**
- 5 When the following screen is displayed, press [ENTER].**

```
WIPER TRAY
  IS NOT FILLED↵
```

The screen shown below appears, and then the machine is filled with wiper cleaning liquid. The (approximate) remaining time for the procedure is displayed on the screen. (The display shown below is an example. "01:40" = "1 minute and 40 seconds")

```
FILLING LIQUID
>>>>      01:40
```

Once the machine is filled with wiper cleaning liquid, the following screen is displayed and the power turns on.

```
SETUP SHEET
```

Change: Specifications (on page 196)

"Four colors (cyan, magenta, yellow, and black)" has been added to the ink colors.

Ink	Type	TrueVIS INK 500 cc pouch
	Colors	Seven colors (cyan, magenta, yellow, black, light cyan, light magenta, and light black)
		Four colors (cyan, magenta, yellow, black)

Handwriting practice lines consisting of 25 horizontal dotted lines.

