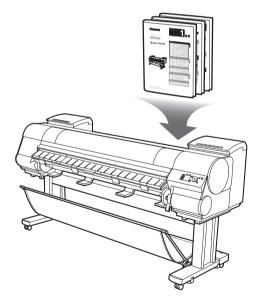
Canon

Large-Format Printers imagePROGRAF **iPF8300**

Basic Guide





This Basic Guide includes three booklets Read this manual first.

Printer Operations

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ASafety Precautions

Follow the warnings and precautions below to use the printer safely. Do not perform any operations or procedures other than as described in this manual. Doing so may result in unexpected accidents and can cause a fire or electrical shocks.



Printer Location



 Do not set up the printer in any location exposed to alcohol, thinner, or other volatile liquids. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

Power Supply

- Never handle the power cable with wet hands. Doing so may cause electrical shock.
- Insert the power cable securely and completely into the power source. If the power cable is not inserted completely, this could cause a fire or electrical shock.
- Do not use any power cable other than the one provided. This could cause a fire or electrical shock. Never use the power cable with any other electrical device.
- Never cut the power cable or attempt to modify it, and never stretch it or bend it forcefully. Never place a heavy object on the power cable. Damaged sections of the power cable could cause a short circuit and may cause a fire or electrical shock.



- Never connect the power cable to a power strip or any power source shared by other electrical devices. This could cause a fire or electrical shock.
- Never knot the power cable or wrap it around itself. This could cause a fire or electrical shock.
- Periodically disconnect the power cable and use a dry cloth to wipe away dust that has collected on the plug and the area around the power outlet. Leaving the power cable plugged in and not cleaned for a long period, especially in an area subject to dust, oil, and humidity, could cause the insulation material to deteriorate and lead to a fire.

In an Emergency

• If the printer emits smoke or strange odors, continuing to use the printer may cause a fire or electrical shock. Switch the printer off immediately and remove the power plug from the power outlet. Contact the nearest service center.

Cleaning the Printer



 For cleaning, use a cloth dampened in water. Never use flammable solvents such as alcohol. benzene, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

Pacemakers

 This printer generates a low-level magnetic field. Anyone wearing a pacemaker who experiences discomfort while working around the printer should leave the area. Consult a physician before continuing to work around the printer.

Caution

Printer Location



- Never install the printer on an unstable or vibrating surface. If it falls over, this could cause personal injury.
- Never set up the printer in a location that is exposed to high humidity or large amounts of dust, or exposed to direct sunlight, high temperature, or open flame. This could cause a fire or electrical shock. Use the printer location in an environment where temperature and humidity are within the ranges of 15°C to 30°C (59°F to 86°F) and 10 to 80% RH (with no condensation).
- Never place the printer on a heavy wool or shag carpet. The fibers may enter the printer and cause a fire.



• Keep the area around the power outlet clear of items so that you can disconnect the power cable immediately if the printer starts operating abnormally. In the event of a printer malfunction, remove the power cable from the outlet as soon as possible to prevent fire and electrical shocks.



• Do not install the printer near sources of strong electromagnetic fields, whether equipment that generates such fields or places where such fields occur. This could damage the printer or cause malfunction.

Moving the Printer

- The weights of main printer units are as follows:
- iPF8300: Approx. 111 kg (244.7 lb)
- Moving the printer requires at least six people, holding it on both sides. Be careful to avoid back strain and other injuries.



• When moving the printer, firmly grasp the **Carrying Handles** under each side. The printer may be unsteady if you hold it at other positions, which poses a risk of injury from dropping the printer.

Power Supply

• Always grip the plug to remove the power cable from the power outlet. Pulling on the power cable could damage the cable and lead to a fire or electrical shock.



• Never use an extension cord. This could cause a fire or electrical shock.



Never use any power source other than 100–120 / 220–240 V AC. This could cause a fire or electrical shock. The printer operating conditions are described below. Use the printer under the following conditions.
 Power supply voltage: 100–120 / 220–240 V AC

Power supply frequency: 50 / 60 Hz

Cleaning the Printer



Always disconnect the power cable from the outlet before cleaning the printer. If the printer is switched on accidentally, moving parts inside the printer may cause personal injuries.

Printhead, Ink Tanks, and Maintenance Cartridge



- Always store consumables in a safe location out of the reach of small children. If a child licks or ingests ink accidentally, seek medical assistance immediately.
- If ink accidentally gets in your eyes, immediately rinse with water. If ink gets on your skin, immediately clean it off with soap and water.
 - If irritation persists in your eyes or on your skin, contact a physician immediately.



Avoid dropping or shaking printheads, ink tanks, and maintenance cartridges. Spilled ink can stain clothing and the work area.



• Never touch the electrical contacts of the Printhead after printing. The contacts become extremely hot and can cause minor burns.

Safety Precautions

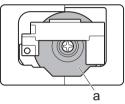
Other



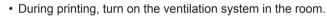
- Never disassemble the printer or attempt repairs. There are high voltage parts inside the printer that can cause a fire or electrical shock.
- Never use flammable sprays around the printer. The gas of flammable sprays can cause a fire or electrical shock, if it contacts high voltage points inside the printer.
- Ĩ
- Never insert your hand into the printer while it is printing. Moving parts inside the printer can cause injuries.

• Never place anything on the printer such as small metal objects (paper clips, staples), liquids, any type of liquid container that contains flammable liquids (alcohol, benzene, etc.). If such objects fall into the printer, this could cause a fire or electrical shock.

• After removing the Cutter Unit, never touch the cutting edge (a). This could cause personal injury.



- To prevent a fire hazard or dangerous electric shock, if a foreign object falls into or a liquid spills into the printer, press the Power button immediately to switch the printer off, unplug the printer power cable from the outlet, and then call for service. If you continue to use the printer, this could cause a fire or electrical shock.
 - Connect the interface cable correctly. To avoid damage, before connection make sure that the shape of the cable connector matches the connection point on the printer.



• We recommend ensuring ample space for installation.

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Types of Manuals

Types of manuals

Title	Details
Setup Guide	Instructions for unpacking and setting up the printer, and for installing the printer driver
Basic Guide 1 (this manual) Printer Operations	Descriptions of basic printer operations
Basic Guide 2 Troubleshooting	Troubleshooting tips
Basic Guide 3 Printer Relocation / Printer Driver Installation	Instructions for preparing to relocate the printer and for software installation
User Manual (electronic manual)	Detailed instructions for using the printer
Paper Reference Guide (electronic manual)	Information on paper you can use with the printer

Accessing the electronic manuals

The electronic manuals are accessible from imagePROGRAF Support Information. Besides the electronic manuals, you can also access the imagePROGRAF website from imagePROGRAF Support Information.

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Canon	🔬 ImagePROGRAF 🤷
imagePROGRAF Support Information	iPFxxxx
Using Your imagePROGRAF Printer	Stay Informed
User's Manual View the printer user's manual.	Visit the imagePROGRAF website for news and printing tips. Visit the imagePROGRAF webpage
Paper Reference Guide	
View information about paper that can be used with the printer. Get the latest version of the Media Configuration Tool to make sure the guide includes information on newly added paper.	
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User Manual

The User Manual gives detailed operating instructions for the printer, as well as troubleshooting tips in case of printing issues.

- Paper Reference Guide The Paper Reference Guide identifies the types of paper you can use with the printer and gives specifications.
- Stay Informed Provides access to the imagePROGRAF website, where you can find news on a variety of printing topics and tips on getting the most from your printer.

Access imagePROGRAF Support Information as follows.

Windows Double-click the iPFxxxx Support desktop icon. (xxxx indicates the printer model.)	IPFxxxx Support
Mac OS X Click the iPF Support icon in the Dock.	Ê

Documentation Conventions

Symbols

The following symbols are used in this document to indicate safety information and explanations of restrictions or precautions in use.

	Caution	Indicates caution items for which operating error poses a risk of injury or damage to equipment or property. To ensure safe use, always follow these precautions.
0	Important	Indicates important information that must be followed when using the printer. Be sure to read this information to prevent printer damage or operating errors.
	MEMO	Indicates helpful reference information and supplemental information on particular topics.

Cross-reference

Additional sources of information are identified as follows in the documentation.

In the Basic Guides: (Guide number and section title)	$(\rightarrow 1$, Section title), $(\rightarrow 2$, Section title), $(\rightarrow 3$, Section title)
In the User Manual:	(→"Section title," User Manual)

Text conventions and illustrations

Button names and user interface elements

Key and button names on the control panel and user interface elements in software (such as menus and buttons) are indicated as follows in this document.

Control panel buttons	Example: Press the OK button.
Control panel messages	Example: Head Cleaning is displayed.
Software interface items (menus and buttons)	Example: Click OK.
Keyboard keys	Example: Press the Tab key.

Part names

Names of printer parts are indicated as follows in this document.

Printer part names	Example: Open the Top Cover.

Figures and software screens

- Screens depicted in this document for the printer driver or other software may look different from the actual screens because of subsequent updates.
- Windows XP screens are used in explanations of Windows operations.

FCC Regulations (U.S.A)

Canon Large Format Printer iPF8300

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment. Canon U.S.A. Inc.

One Canon Plaza, Lake Success, NY 11042, U.S.A. Tel No. 516-328-5600

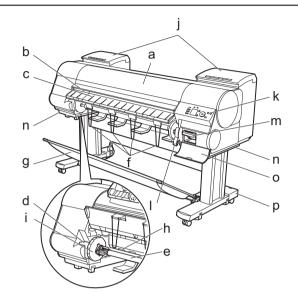
For CA, USA Only

Included battery contains Perchlorate Material - special handling may apply. See http://www.dtsc.ca.gov/hazardouswaste/perchlorate/ for detail.

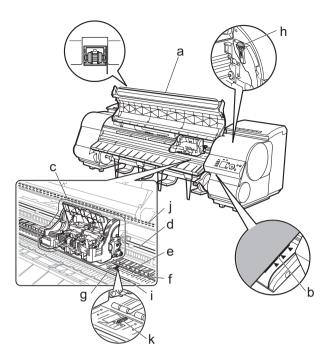
Parts

Names and functions of printer parts are as follows.

Front



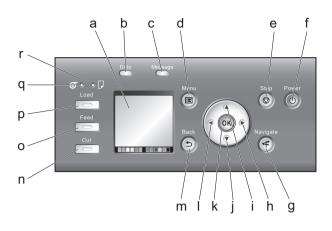
	Name	Operation
а	Top Cover	Open this cover to install the Printhead, load paper, and remove any jammed paper from inside the printer as needed.
b	Cutter Groove	Paper is cut (using the cutter or manually with scissors) over this groove.
с	Ejection Guide	Guides printed documents as they are ejected. Raise the guide when loading a roll.
d	Roll Holder Slot	Slide the Roll Holder into this slot.
е	Roll Holder	Load the roll on this holder.
f	Ejection Support	Prevents printed documents from winding around the Roll Holder or being drawn into the Paper Feed Slot .
g	Output Stacker	A cloth tray that catches ejected documents.
h	Paper Feed Slot	When loading a roll, insert the edge of the roll paper here.
i	Holder Stopper	Secure rolls on the Roll Holder with this part.
j	Ink Tank Cover	Open this cover to replace an Ink Tank.
k	Control Panel	Use this panel to operate the printer and check the printer status.
I	Release Lever	Releases the Paper Retainer . Lift this lever toward the front of the printer when loading paper.
m	Maintenance Cartridge	Absorbs ink used for maintenance purposes such as head cleaning. (Replace the cartridge when it is full.)
n	Carrying Handles	When carrying the printer, have four people hold it by these handles under both sides.
0	Maintenance Cartridge Cover	Open this cover to replace the Maintenance Cartridge.
р	Stand	A stand that holds the printer. Equipped with casters to facilitate moving it.



	Name	Operation
а	Top Cover Roller	Prevents paper from rising when ejected.
b	Paper Alignment Line	Align paper with this line when loading it.
С	Carriage	Moves the Printhead. The carriage serves a key role in printing.
d	Carriage Shaft	The Carriage slides along this shaft.
е	Paper Retainer	Important in supplying the paper. This retainer holds paper as it is fed.
f	Platen	The Printhead moves across the platen to print. Vacuum holes on the platen hold paper in place.
g	Borderless Printing Ink Grooves	For catching ink outside the edges of paper during borderless printing.
h	Cleaning Brush	When cleaning inside the printer under the Top Cover , use this brush to sweep away paper dust on the Platen . Also use the brush to move the blue Switch on the Platen .
i	Fixed Blade	The Cutter Unit passes over this rail to cut paper.
j	Linear Scale	The linear scale serves a key role in detecting the Carriage position. Be careful not to touch this part when cleaning inside the Top Cover or clearing paper jams.
k	Switch	Set the switch to the side opposite \bullet if the edges of printed images are blurred. Set the switch to the \bullet side before borderless printing.

• Do not touch the **Carriage Shaft** (d) or **Linear Scale** (j). Touching these parts may damage them.

Control Panel



	Name	Operation
а	Display Screen	Shows the printer menu, as well as the printer status and messages.
b	Data Lamp (green)	Indicates the status of print jobs or the printer firmware.
С	Message lamp (orange)	Lit or flashes when messages are displayed. When the lamp is off, the printer is operating normally or turned off.
d	Menu button	Displays the Tab Selection screen. (\rightarrow 1, Menu Map)
е	Stop button	Cancels print jobs in progress and ends the ink drying period.
f	Power button (green)	Turns the printer on and off. The power button is lit when the printer is on or in Sleep mode.
g	Navigate button	Enables you to check instructions for loading and removing paper or replacing ink tanks or printheads, as well as other operations.
h	► button	Press this button on the Tab Selection screen to move to another tab. In menu items requiring numerical input, press this button to move to another digit.
i	▲ button	Press this button when viewing menus to display the previous menu item or setting value.
j	▼ button	Press this button when viewing menus to display the next menu item or setting value.
k	OK button	 Press this button on the Tab Selection screen to display the menu of the tab shown. Pressing this button in menu items of each tab for which I is displayed at left will move to the lower level of the menu item, enabling you to execute menu commands or set menu values. Also press this button if the Display Screen indicates to press the OK button.
I	 ✓ button 	Press this button on the Tab Selection screen to move to another tab. In menu items requiring numerical input, press this button to move to another digit.
m	Back button	Displays the screen before the current screen.
n	Cut button	Pressing this button when rolls are loaded cuts the paper.
0	Feed button	Pressing this button when rolls are loaded enables you to reposition the paper.
р	Load button	Press this button when loading or replacing paper. (\rightarrow 1 , Loading Rolls in the Printer), (\rightarrow 1 , Loading Sheets in the Printer)
q	Roll Media lamp (green)	Lit when rolls are selected as the paper source.
r	Cut Sheet lamp (green)	Lit when sheets are selected as the paper source.



• To recover from Sleep mode, any button can be pressed except the **Power** button. MEMO

....

0

OK: Paper Menu

Ready

-0-

Menu operations

Navigate and perform menu operations on the control panel as follows.

After the printer starts up, the **Tab Selection screen** is shown on the **Display Screen**.

Information is organized in four tabs, and you can press control panel buttons to access menus and set or execute items for each tab.

(→1, Menu Map)

(Paper tab) ····· A tab indicating status and showing menus related to paper.
 (Ink tab) ····· A tab indicating status and showing menus related to ink.
 (Job tab) ···· A tab indicating status and showing menus related to print jobs.
 (Settings/Adj. tab) ··· A tab indicating status and showing menus related to settings and adjustment.

Accessing tab menus

To select tabs, press ◀ or ► on the **Tab Selection screen**, and then press the **OK** button. Tab menus are now displayed.

To select a menu, press \blacktriangle or \blacktriangledown , and then press the **OK** button.

The menu is selected, and menu items are now displayed.

To access lower-level menus for menus labeled with **•** at left, select the menu and press the **OK** button.

Specifying menu items

Press \blacktriangle or \triangledown to select desired settings, and then press the **OK** button.

The check box at left is selected, and the setting is confirmed. After two seconds, the display reverts to the upper-level menu.

· Specifying numerical values

Follow these steps to enter numbers. In this example, network settings items are entered.

- 1. For numerical input, press ◀ or ► to move the cursor (shown as an underscore) to other fields.
- 2. Press the \blacktriangle or \blacktriangledown button to enter the value.
- 3. Repeat steps 1 and 2, and when the settings are complete, press the **OK** button.
- Executing menu commands

Press \blacktriangle or \triangledown to select the action to execute, and then press the **OK** button.

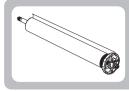
The menu command is now executed.



Back button

SO A2 Roll OK button ↓

Paper Menu 1/2
 ■ Load Paper
 Eject Paper
 ■ Chg. Paper Type
 ■ Chg. Paper Size
 ■ ManageRemainRoll



Attaching the Roll Holder to Rolls

Attach the roll holder to rolls as follows.

When printing on rolls, attach the Roll Holder to the roll.

Rolls have a two- or three-inch paper core. Use the correct attachment for the paper core. The printer comes equipped with the **2-Inch Paper Core Attachment** installed.

Items to Prepare	 Using rolls with a 2-inch paper core 2-Inch Paper Core Attachment (a) Using rolls with a 3-inch paper core 3-Inch Paper Core Attachment #1 (b) 3-Inch Paper Core Attachment #2 (c) 	80		
		а	b	С

• Set the roll on a table or other flat surface so that it does not roll or fall. Rolls are heavy, and dropping a roll may cause injury.

• When handling the roll, be careful not to soil the printing surface. This may affect the printing quality. We recommend wearing clean cloth gloves when handling rolls to protect the printing surface.

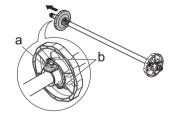
- Important Use scissors or a cutting tool to cut the edge of the roll paper if it is uneven, dirty, or has tape residue. Otherwise, it may cause feeding problems and affect the printing quality.
 - Be careful not to cut through any barcodes printed on the roll.
 Align the edges of the paper on both ends of the roll. Misalignment may cause feeding problems.



 For details on supported sizes and types of rolls, see "Paper Sizes" or the Paper Reference Guide. (→"Paper Sizes," User Manual), (→"Types of Paper," User Manual)
 To view instructions as you attach the Roll Holder, press the Navigate button.



Lift the **Holder Stopper** lever (a) from the shaft side to unlock it. Holding the **Holder Stopper** at the position indicated (b), remove it from the **Roll Holder**.



2

Insert the respective attachments for the roll paper core on the **Roll Holder** and **Holder Stopper**.

• Using rolls with a 2-inch paper core

Holder Stopper Side	Roll Holder Side
Align the tips (a) of the 2-Inch Paper Core Attachment with the holes (b) of the Holder Stopper and insert it firmly.	No attachment is needed.
b	

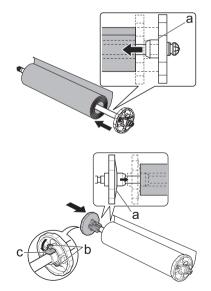
Using rolls with a 3-inch paper core

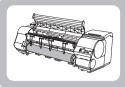
Holder Stopper Side	Roll Holder Side
Align the tips (a) of 3-Inch Paper Core Attachment #2 with the holes (b) of the Holder Stopper and insert it firmly.	Align the tips (a) of 3-Inch Paper Core Attachment #1 with the holes (b) of the Roll Holder and insert it firmly.
b	a b

3

With the edge of the roll paper facing forward as shown, insert the **Roll Holder** from the right of the roll. Insert it firmly until the roll touches the flange (a) of the **Roll Holder**, leaving no gap.

Insert the **Holder Stopper** from the left in the **Roll Holder** as shown. Holding it at the position shown (b), push it firmly in until the flange (a) of the **Holder Stopper** touches the roll. Lock the **Holder Stopper** lever (c) by pushing it down toward the shaft side.





Loading Rolls in the Printer

Load rolls in the printer as follows.



Always load rolls when the printer is on. If the printer is off when you load a roll, the paper may not be advanced correctly when you turn the printer on.

Before loading rolls, make sure the printer is clean inside the Top Cover and around the Ejection Guide. If these areas are dirty, we recommend cleaning them in advance. (→2, If Paper is Soiled)



Press the Load button.



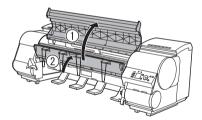


Press \blacktriangle or \blacktriangledown to select **Roll Paper**, and then press the **OK** button.

If any paper has been advanced that will not be used, a message is shown requesting you to remove it.
 Press ▲ or ▼ to select Yes, and then press the OK button. Remove the paper and go to the next step.

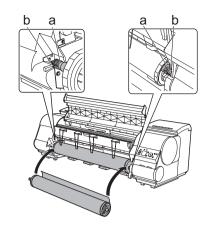


Open the Top Cover and lift the Ejection Guide.



4

Holding the **Roll Holder** so that the side with the white gear faces the side of the **Roll Holder Slot** with a white gear, load the **Roll Holder** shaft (a) into the grooves (b) on both ends of the **Roll Holder Slot**, fully into the slot.

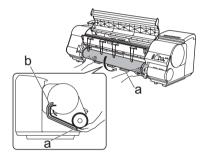


Be careful not to drop the roll and hurt yourself when loading it.

• Be careful not to pinch your fingers between the **Roll Holder** shaft (a) and the guide grooves (b) when loading rolls.



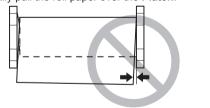
Pull out the roll evenly on both ends and insert it in the **Paper Feed Slot** (a). Advance the roll until it touches the **Paper Retainer** (b).



Once the roll reaches the **Paper Retainer**, it is automatically advanced over the **Platen**.

• Be careful not to soil the printing surface of roll paper as you insert it in the slot. This may affect the printing quality.

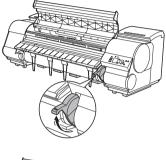
- Important If the paper is wrinkled or warped, straighten it out before loading it.
 - For paper that tends to curl, lift the Release Lever and manually pull the roll paper over the Platen.
 - Load the roll so that there is no gap between the right edge of the paper and the **Roll Holder**.

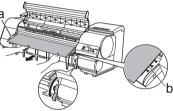


Lower the Ejection Guide.



Holding the edge of the roll paper, lift the Release Lever.





Hold the edge of the roll paper as you gently pull it evenly with both hands to the position of the **Ejection Guide** (a). Align the right side of the roll paper with the **Paper Alignment Line** (b), keeping this side parallel to the line, and then lower the **Release Lever**.

• Do not omit steps 7 and 8. If paper cannot be advanced straight or if it wrinkles, it may jam or rub against the Printhead.

Important
 Do not force the roll paper into alignment with the paper alignment line (b). This may prevent the paper from being advanced straight.



• You can adjust the strength of suction holding paper against the **Platen** when the **Release Lever** is released. If it is difficult to load paper, press the ▲ or ▼ button on the **Control Panel** to adjust the strength. Set suction stronger by pressing the ▲ button or weaker with the ▼ button. Three settings are available.



Close the Top Cover.



The paper is now advanced, and a menu for selection of the type of paper is automatically shown on the **Display Screen**.

1 O Press \blacktriangle or \checkmark to select the type of paper, and then press the **OK** button.

• For details on types of paper to select, see the Paper Reference Guide. (\rightarrow 1, Types of Manuals)



Removing the Roll from the Printer

Remove rolls from the printer as follows.

(MEMO

If you need to cut a roll, see the following procedure.
 (
 —"Specifying the Cutting Method for Rolls," User Manual)

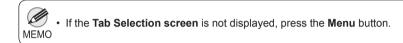


On the **Tab Selection screen** of the **Control Panel**, press ◀ or ► to select the **Paper tab** ().



OK: Paper Menu

⊚Plain Paper ISO A2 Roll





Press the **OK** button. The **Paper Menu** is displayed.

Press \blacktriangle or \blacktriangledown to select **Eject Paper**, and then press the **OK** button.

Δ	

Press \blacktriangle or \blacktriangledown to select **Yes**, and then press the **OK** button.

The roll is now rewound and ejected.



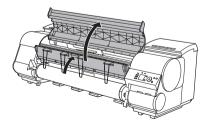
 If you have selected ManageRemainRoll > On in the Control Panel menu, a barcode is printed on the leading edge of the roll.

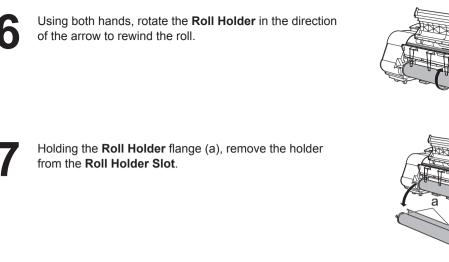
Caution • Do not remove the roll before the barcode is printed. You will be unable to keep track of the amount of roll paper left. (→"Keeping Track of the Amount of Roll Paper Left," User Manual)



h	
J	

Open the Top Cover and lift the Ejection Guide.

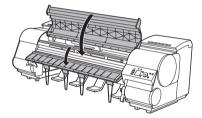




See the following procedure for instructions on removing the Roll Holder from the roll. ٠ (→"Removing Rolls From the Roll Holder," User Manual) MEMO



Lower the Ejection Guide and close the Top Cover.



• To load new paper in the printer at this point, see the following procedure.

 $(\rightarrow 1)$, Loading Rolls in the Printer)

MEMO
• Clean inside the top cover before loading paper.

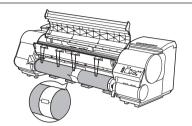
 $(\rightarrow 2)$, If Paper is Soiled)



Loading Sheets in the Printer

Load sheets in the printer as follows.

· Loading sheets when a roll is already loaded in the printer may cause jams. We recommend removing rolls before loading sheets. MEMO $(\rightarrow 1)$, Removing the Roll from the Printer) To prevent the roll from unwinding if you leave it loaded, wrap a sheet of paper around the roll and tape it.



- · Before loading sheets, make sure the printer is clean inside the Top Cover and around the Ejection Guide. If these areas are dirty, we recommend cleaning them in advance. ($\rightarrow 2$, If Paper is Soiled)
- · Store unused paper in the original package, away from high temperature, humidity, and direct sunlight.
- · Paper that is wrinkled or warped may jam. If necessary, straighten the paper and reload it.
- · Load the paper straight. Loading paper askew will cause an error.

Select sheets as the paper source.

- · If a print job was received Sheets are automatically selected, and the media type and size specified by the print job are shown on the Display Screen. Press ▲ or ▼ to select Load Paper, and then press the OK button.
- · If no print job was received 1. Press the Load button.

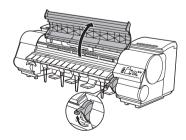


2. Press ▲ or ▼ to select Cut Sheet, and then press the OK button.

If any paper has been advanced that will not be used, a message is shown requesting you to remove it. Press ▲ or ▼ to select Yes, and then press the OK button. Remove the paper and go to the next step. MEMO



Lift the Release Lever and open the Top Cover.



a

With a sheet lengthwise and printing-side up, insert it between the **Platen** (a) and the **Paper Retainer** (b). Align the edges of the sheet as follows.

- 1. Align the sheet with the **Paper Alignment Line** (c) at right.
- 2. Align the inserted edge of the sheet with the leading edge of the **Paper Alignment Line** (d), as shown.

When inserted, sheets are automatically held by suction against the $\ensuremath{\textbf{Platen}}$.

• Load a sheet so that it is parallel to the **Paper Alignment Line** at right (c). Loading paper askew will cause an error.

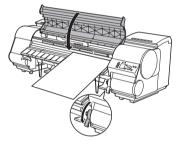
Important • Warped paper may rub against the Printhead. Straighten paper if it is warped before loading it.

You can adjust the strength of suction holding paper against the Platen when the Release Lever is up. If it is difficult to load paper, press the ▲ or ▼ button on the Control Panel to adjust the strength. Set suction stronger by pressing the ▲ button or weaker with the ▼ button. Three settings are available. However, even if you increase the suction, it may not be sufficient to hold some types of paper against the Platen well. In this case, use your hand to load the paper.

- Sheets are held in place by suction through holes on the **Platen**. Although the suction may produce a noise when paper is loaded in some positions, it does not indicate a problem. If the noise is distracting, try moving the paper over slightly to the left or right (up to 1 mm [0.039 in]) while keeping it parallel to the **Paper Alignment Line**.
- The suction remains on for about 30 seconds during loading. If you cannot finish loading a sheet during this time, pull the sheet away and reinsert it to start the suction again.



Lower the Release Lever and close the Top Cover.



d

h

- If a print job was received Pressing the **OK** button will advance the paper, and then printing will begin.
- If no print job was received
 A menu for selection of the type of paper is automatically shown on the **Display Screen**.

 Press ▲ or ▼ to select the type of paper, and then press the **OK** button.

The printer now starts feeding the paper.

 For details on types of paper to select, see the Paper Reference Guide. (→1, Types of Manuals)
 When using the Output Stacker, if you will print on large, stiff sheets, we recommend adjusting the Output Stacker into the lowest position to prevent printed sheets from being bent. (→"Using the Output Stacker," User Manual)



Removing Sheets

This section describes how to remove sheets from the printer.

On the **Tab Selection screen** of the **Control Panel**, press ◀ or ► to select the **Paper tab** (
).



D Plain Paper ISO A2



If the Tab Selection screen is not displayed, press the Menu button.



Press the **OK** button. The **Paper Menu** is displayed.



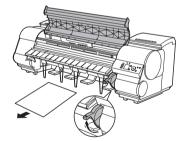
Press \blacktriangle or \blacktriangledown to select **Eject Paper**, and then press the **OK** button.



Press \blacktriangle or \blacktriangledown to select **Yes**, and then press the **OK** button. The paper is ejected from the front of the printer.

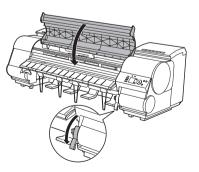
5

Open the **Top Cover**, lift the **Release Lever**, and remove the sheet.



ſ	

Lower the Release Lever and close the Top Cover.



Consumables

Ink Tanks

When purchasing ink tanks, make sure the following Ink Tank serial numbers are printed on the label.

330 ml (11.2 fl oz)

- PC Ink Tank PFI-304PC
- C Ink Tank PFI-304C
- MBK Ink Tank PFI-304MBK
- Y Ink Tank PFI-304Y
- M Ink Tank PFI-304M
- PM Ink Tank PFI-304PM
- R Ink Tank PFI-304R
- G Ink Tank PFI-304G
- B Ink Tank PFI-304B
- PGY Ink Tank PFI-304PGY
- GY Ink Tank PFI-304GY
- BK Ink Tank PFI-304BK

700 ml (23.7 fl oz)

- PC Ink Tank PFI-704PC
- C Ink Tank PFI-704C
- MBK Ink Tank PFI-704MBK
- Y Ink Tank PFI-704Y
- M Ink Tank PFI-704M
- PM Ink Tank PFI-704PM
- R Ink Tank PFI-704R
- G Ink Tank PFI-704G
- B Ink Tank PFI-704B
- PGY Ink Tank PFI-704PGY
- GY Ink Tank PFI-704GY
- BK Ink Tank PFI-704BK

Printhead

Printhead PF-05

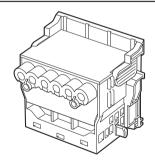
Maintenance Cartridge

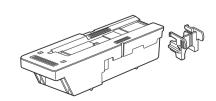
The maintenance cartridge is provided with a shaft cleaner.

Maintenance Cartridge MC-08











Replacing Ink Tanks

Replace ink tanks as follows.

Compatible ink tanks

Replacement ink tanks in 330 ml (11.2 fl oz) and 700 ml (23.7 fl oz) capacities are supported. (→ **1**. Consumables)

Precautions when handling ink tanks

Take the following precautions when handling ink tanks.

0

• There may be ink around the ink supply section of ink tanks you removed. Handle ink tanks carefully during replacement. The ink may stain clothing.

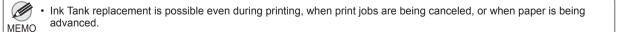
- Important We recommend using up an Ink Tank in the course of printing within six months after breaking the seal. Printing quality may be affected if you use older ink tanks.
 - Do not leave the printer without ink tanks installed for extended periods (a month or more). Residual ink may become clogged inside the printer and affect printing quality.

Make sure the printer is ready for ink tank replacement

Ink Tank replacement is possible in the following cases.

You can replace ink tanks if the Display Screen advises you to check the amount of ink left or replace ink tanks.	Printing OK: Ink Menu OK OK OK OK OK Image: Comparison of the state of the
If a message requests you to replace ink tanks, press the OK button.	No ink left.
In this case, go to "Remove the ink tanks" without following the instructions in	Replace ink tank.
"Access the menu for ink tank replacement."	OK

• Do not remove an Ink Tank during initialization immediately after turning on the printer, or during printhead cleaning.
Important



Access the menu for ink tank replacement



On the **Tab Selection screen** of the **Control Panel**, press \blacktriangleleft or \blacktriangleright to select the **Ink tab** ().



• If the Tab Selection screen is not displayed, press the Menu button. MEMO

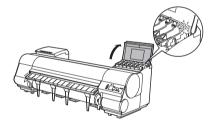
2

Press the **OK** button. The **Ink Menu** is displayed.

Bress ▲ or ▼ to select **Rep. Ink Tank**, and then press the **OK** button. A message on the **Display Screen** requests you to open the **Ink Tank Cover**. Remove the Ink Tank at this point.

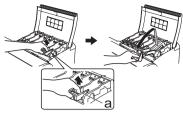
Remove the ink tanks

Open the **Ink Tank Cover** of the tank for replacement and check the **Ink Lamp**. The **Ink Lamp** flashes quickly if there is no ink left.

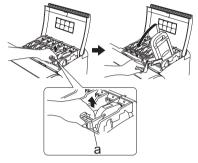




Lift the stopper (a) of the **Ink Tank Lock Lever** for the color to replace. Lift the **Ink Tank Lock Lever** until it stops, and then push it down to the front.



330 ml tanks

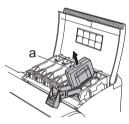


700 ml tanks

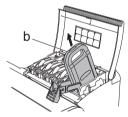
• Push the Ink Tank Lock Lever down until it locks.

 $\underset{\text{MEMO}}{\smile}$ • Make sure the Ink Tank Lock Lever does not return to the original position.

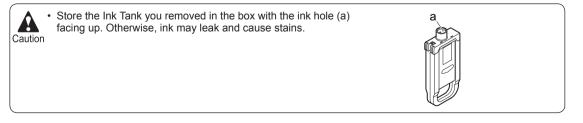
Hold the Ink Tank by the grips (a) or handle (b) and remove it. Press the **OK** button.



330 ml tanks



700 ml tanks



Install the ink tanks

Before opening the pouch, tilt the Ink Tank to the left and right gently seven or eight times. Hold 330 ml ink tanks in one hand and 700 ml ink tanks in two hands, as shown.



700 ml tanks

Important • If you do not agitate the Ink Tank, the ink may settle, which may affect printing quality.

9	
4	

Open the pouch and remove the Ink Tank.



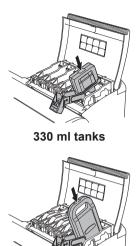


• Never touch the ink hole or electrical contacts. This may cause stains, damage the Ink Tank, and affect printing quality.

Important • Do not remove and agitate ink tanks that have already been installed in the printer. Ink may leak out.



Press the **OK** button and insert the Ink Tank into the holder with the ink hole facing down, as shown.

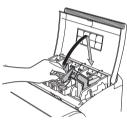


700 ml tanks

• Ink tanks cannot be loaded in the holder if the color or orientation is incorrect. If the Ink Tank does not fit in the holder, do not force it into the holder. Make sure the color of the Ink Tank Lock Lever matches the color of the Ink Tank, and check the orientation of the Ink Tank before reloading it.



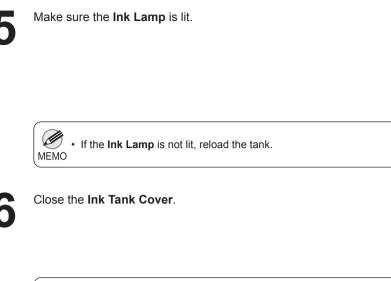
Lift the **Ink Tank Lock Lever** until it stops, and then push it down until it clicks into place.



330 ml tanks



700 ml tanks



• After Ink Tank replacement, always close the Ink Tank Cover. If the Ink Tank Cover cannot close, some Ink Tank Lock Lever may not be closed completely. Make sure all ink tank lock levers are fully closed.

• To close the **Ink Tank Cover** when no Ink Tank is installed (as when moving the printer), push the release lever (a) as shown while returning the **Ink Tank Lock Lever** to the original position.





Replacing the Maintenance Cartridge

Replace the Maintenance Cartridge as follows.

Compatible maintenance cartridges

Use Maintenance Cartridge MC-08.

Precautions when handling the maintenance cartridge

Take the following precautions when handling the Maintenance Cartridge.

 To prevent ink from leaking from a used Maintenance Cartridge, avoid dropping the cartridge or storing it at an angle. Otherwise, ink may leak and cause stains.

Caution • Ink adheres to the top of the Maintenance Cartridge after it has been used. Handle the Maintenance Cartridge carefully during replacement. The ink may stain clothing.



Make sure the printer is ready for maintenance cartridge replacement

Maintenance Cartridge replacement is possible in the following cases.

You can replace cartridges if the Display Screen advises you to check the remaining capacity or replace the Maintenance Cartridge.	Printing OK:Setting/Adj. Menu Maint. cart. The level is low
If a message is displayed requesting Maintenance Cartridge replacement, skip the step "Access the menu for maintenance cartridge replacement." Follow the instructions in "Replace the maintenance cartridge."	Maintenance cartridge full. Replace the maintenance cartridge.



Do not replace the Maintenance Cartridge during initialization immediately after turning on the printer, during Printhead cleaning, or when ink is being absorbed. Ink may leak out.

Access the menu for maintenance cartridge replacement



On the **Tab Selection screen** of the **Control Panel**, press ◄ or ► to select the **Settings/Adj. tab** (





If the Tab Selection screen is not displayed, press the Menu button.

2

Press the **OK** button. The **Set./Adj. Menu** is displayed.

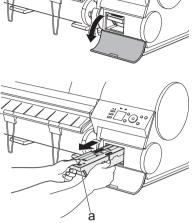
Press \blacktriangle or \blacktriangledown to select **Maintenance**, and then press the **OK** button.

4

Press ▲ or ▼ to select **Repl. Maint. C**, and then press the **OK** button. A message on the **Display Screen** advises you to open the **Maintenance Cartridge Cover**.

Replace the maintenance cartridge

Open the Maintenance Cartridge Cover .	
Hold the used Maintenance Cartridge by the grip (a) with one hand and put your other hand under the Maintenance Cartridge to hold it firmly on the bottom, keeping it level as you pull it out.	



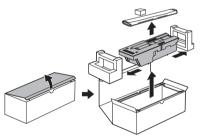
700

• Used maintenance cartridges are heavy. Always grasp the cartridge firmly and keep the cartridge level during removal and storage. If you drop a used Maintenance Cartridge or store it at an angle, ink may leak and cause stains.

• The remaining Maintenance Cartridge capacity is recorded on each printer. Do not install a used Maintenance Cartridge in another printer.

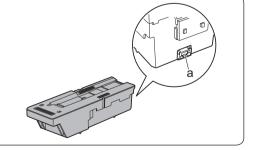


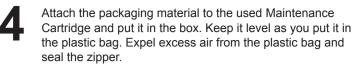
Open the box, remove the plastic bag, packaging material, and **Shaft Cleaner**, and take out the Maintenance Cartridge.



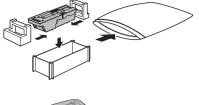


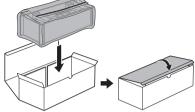
• Never touch the metal contacts (a). This may damage the Maintenance Cartridge.





Confirm the Maintenance Cartridge is right-side up, put it in the box, and store it so that it stays level.





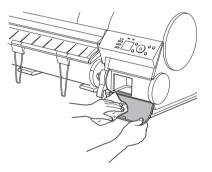


Q

Caution

Wipe away any soiling on the **Maintenance Cartridge Cover**.

Otherwise, ink may leak and cause stains.

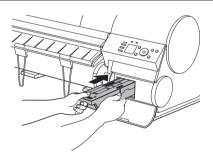


• Support the Maintenance Cartridge Cover from underneath as you wipe it.

Always put the used Maintenance Cartridge back in the box and store the box on a flat surface.

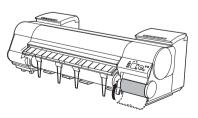


Keeping the new Maintenance Cartridge level, insert it all the way in.





Close the Maintenance Cartridge Cover.



Replacing the Maintenance Cartridge



Press the **OK** button.



The printer now initializes the Maintenance Cartridge. Next, replace the **Shaft Cleaner**.

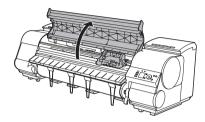
Replace the shaft cleaner

After the message is displayed regarding Shaft Cleaner replacement, press ▲ or ▼ to select Yes, and then press the **OK** button. After the Carriage is moved, the Display Screen indicates

Open Upper Cover.



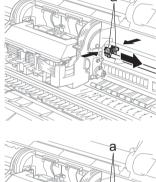
Open the Top Cover.



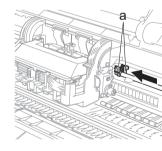
If you do not respond within two minutes, shaft cleaner replacement is canceled. In this case, repeat the procedure. MEMO



Hold the Shaft Cleaner on the right side of the Carriage by the grips (a) and pull it to the right to remove it.



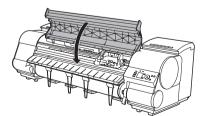
Holding the new Shaft Cleaner by the grips (a), attach it to the Carriage.



Be sure to put the used Shaft Cleaner in the small box before putting it in the larger box with the used ٠ Maintenance Cartridge for disposal. MEMO



Close the Top Cover.



The Carriage moves back into position.



Replacing the Printhead

Replace the Printhead as follows.

When to replace the printhead

This printer is equipped with two printheads.

Replace one or both printheads in the following situations.

 If the printing quality does not improve even after one or two cycles of Head Cleaning B from the printer menu

Replace any printheads with poor printing performance.

- If the **Display Screen** indicates **Open top cover and replace the left printhead.** Replace the Printhead on the left side.
- If the **Display Screen** indicates **Open top cover and replace the right printhead**. Replace the Printhead on the right side.
- If your Canon dealer has advised you to replace the Printhead Replace the Printhead as directed.

Compatible printheads

Use Printhead PF-05.

Precautions when handling the printhead

Take the following precautions when handling the Printhead.



There may be ink around the nozzles of the Printhead you remove. Handle the Printhead carefully during replacement. The ink may stain clothing.



Do not open the Printhead pouch until immediately before installation. After removing the Printhead from the pouch, install it right away. If the Printhead is left after the pouch is opened, the nozzles may dry out, which may affect printing quality.

for

Access the menu for printhead replacement

Caution •

When replacing the Printhead immediately after printing, wait a few minutes before replacing it. The metal parts of the Printhead become hot during printing, and there is a risk of burns from touching these parts.

MEMO :	Prepare a new Ink Tank when ink levels are low. Your hands may become dirty during Printhead replacement. Use the glove replacement.	s provided with the new Printhead
1	If the roll is not ejected because of the cutting method selected, cut it manually and remove it. (→"Cutting Roll Paper After Printing," User Manual)	
2	Clean inside the Top Cover . (\rightarrow 2 , If Paper is Soiled)	
3	On the Tab Selection screen of the Control Panel , press ◀ or ► to select the Settings/Adj. tab ().	Ready OK:Setting/Adj. Menu Maint. cart. Remaining Amount 80%

• If the **Tab Selection screen** is not displayed, press the **Menu** button.



Press the **OK** button. The **Set./Adj. Menu** is displayed.

5

Press \blacktriangle or \blacktriangledown to select **Maintenance**, and then press the **OK** button.

C	
D	

Press \blacktriangle or \blacktriangledown to select **Replace P.head**, and then press the **OK** button.

Press ▲ or ▼ to select the Printhead for replacement. Select **Printhead L** when replacing the left printhead, **Printhead R** when replacing the right printhead, and L & **R Printheads** when replacing both. Make sure your selection is correct. Press the **OK** button. Ink is now filled. After about three minutes, a message is shown on the **Display Screen** instructing you to open the **Top Cover**.

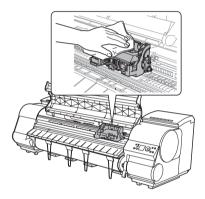
Replace the printhead

Open the Top Cover.

Instructions are now shown on the **Display Screen** regarding head replacement.

If the **Carriage Cover** is dirty, use a damp cloth that you have wrung out completely to wipe it clean.

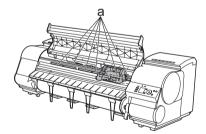


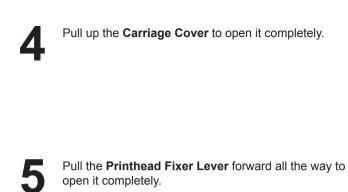


• Never touch the metal contacts of the **Carriage**. This may damage the printer.



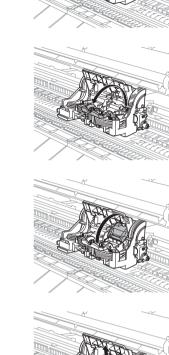
If the ventilation duct (a) is dirty, use a damp cloth that you have wrung out completely to wipe it clean. Move the **Carriage** out of the way manually if the **Carriage** is concealing the ventilation duct, and then clean the duct.

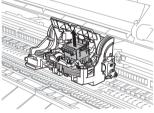




Pull up the Printhead Fixer Cover to open it completely.

Remove the Printhead and press the $\ensuremath{\text{OK}}$ button.



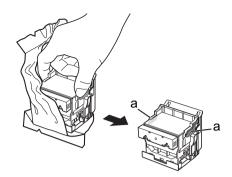


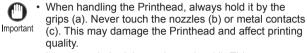


Dispose of the used Printhead in accordance with local regulations.

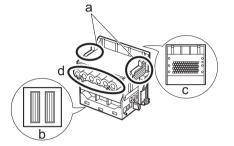


Holding the new Printhead by the grips (a), remove it from the pouch.



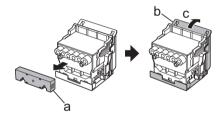


• Never touch the ink supply section (d). This may cause printing problems.



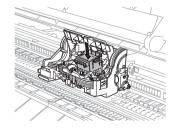
 If you need to put a Printhead somewhere temporarily before installation, do not keep the nozzles and metal contacts facing down. If the nozzles or metal contacts are damaged, it may affect the printing quality.

While firmly holding the Printhead you have removed, use your other hand to remove the orange Protective Part (a). Squeeze the grips (c) of Protective Part (b) and pull it down to remove it.



- The inside surface of the Protective Part (a) and Protective Part (b) is coated with ink to protect the nozzles. Be careful not to touch these surfaces when removing the caps.
- Important The Printhead contains ink to protect the nozzles. We recommend removing Protective Part (b) as you
 hold it over the Printhead package or safely out of the way to avoid spilling ink and staining your clothes
 or the surrounding area. If ink accidentally spills, wipe off the ink with a dry cloth.
 - Do not reattach the Protective Part or protective material. Dispose of these materials in accordance with local regulations.

With the nozzles facing down and the metal contacts toward the back, tilt the Printhead slightly forward and insert it into the **Carriage**. Carefully push the printhead firmly into the **Carriage**, ensuring that the nozzles and metal contacts do not touch the carriage.

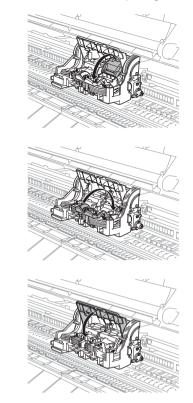


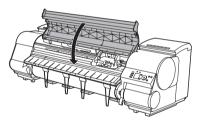


Push the **Printhead Fixer Lever** toward the back of the printer until it clicks.



14 Close the Top Cover.





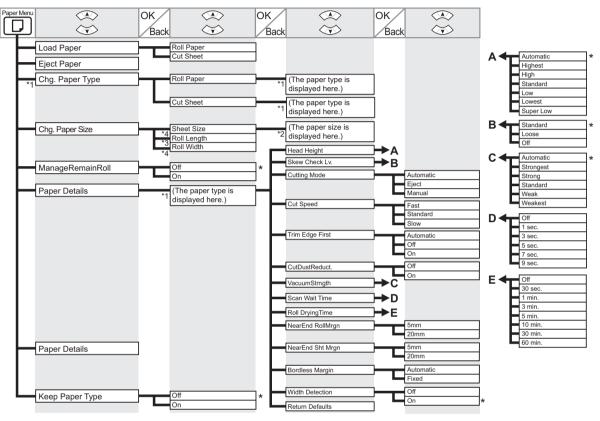
Ink now fills the system. It takes about 13 minutes for ink to fill the system.

Never remove an Ink Tank while the system is filling with ink.
 After the Printhead has been replaced and filled with ink, Head Posi. Adj. (Auto(Advanced)) is performed if you have selected Rep.P.head Print > On in the Control Panel menu. In this case, follow the instructions displayed for Printhead adjustment.
 If Rep.P.head Print is Off, perform Head Posi. Adj. (Auto(Advanced)) yourself. (→2], If Vertical Lines are Warped or Colors are Misaligned)

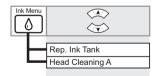
Menu Map

The structure of **Tab Selection screen** menus on the control panel is as follows. Values at right labeled with an asterisk (*) are the defaults. For details on settings values, refer to the User Manual.

To access tab menus, press the Menu button to display the **Tab Selection screen**, press ◄ or ► to select the tab, and then press the **OK** button.

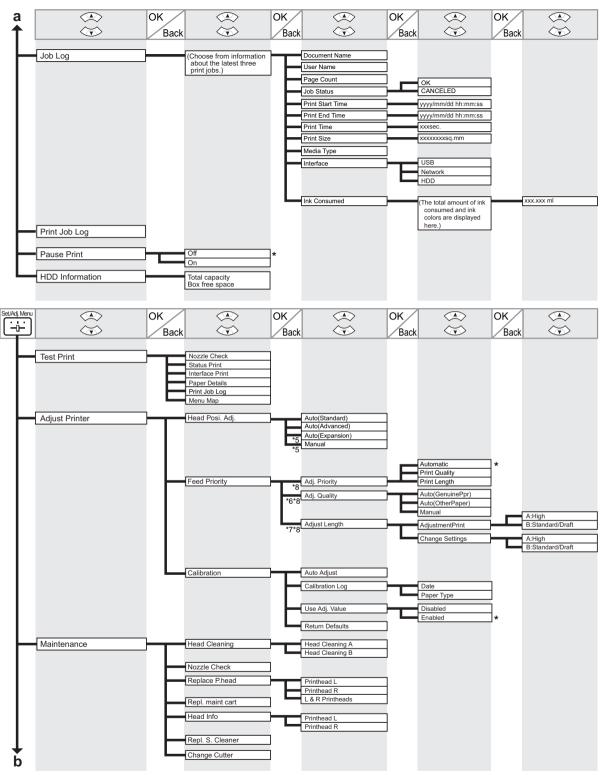


- *1: For information on the types of paper the printer supports, refer to the Paper Reference Guide. The paper type setting in the printer driver and related software (as well as on the **Control Panel**) is updated when you install the printer driver from the User Software CD-ROM or if you change paper information by using the Media Configuration Tool.
- *2: For information on the sizes of paper the printer supports, refer to the User Manual. (→"Paper Sizes," User Manual)
- *3: Available only if ManageRemainRoll is On.
- *4: Available only if Width Detection is set to Off.



Job Menu		OK Back		OK Back	$ \underbrace{ \left(\begin{array}{c} \bullet \\ \bullet \end{array} \right)}_{\bullet} $	OK Back		OK Back	
Prir	nt Job	Job	List		Select Print Job .)		Delete Preempt Jobs	7	
a Sto	red Job	Mai	lbox List		Enter a password if one has been set.)		Job List Print Job List	3-	Print Delete

*14: Print Anyway is displayed when a job being held is selected.

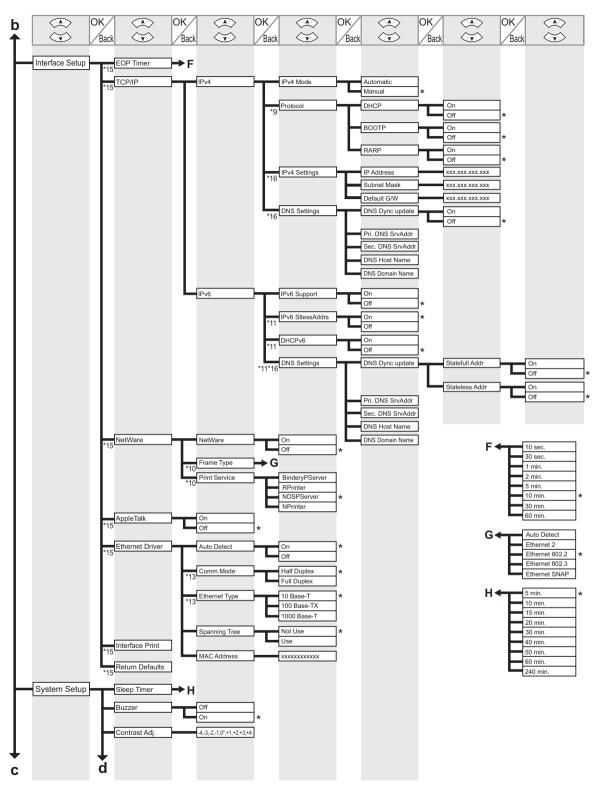


*5: Available after Auto(Advanced) in Head Posi. Adj. has been used once.

*7: Available when you have specified Feed Priority > Adj. Priority > Automatic or Print Length.

*8: Displayed if a sheet is loaded in the printer.

 ^{*6:} Available when you have specified Feed Priority > Adj.
 *8: Priority > Automatic or Print Quality.



*9: Not shown if you have set IPv4 Mode to Manual.

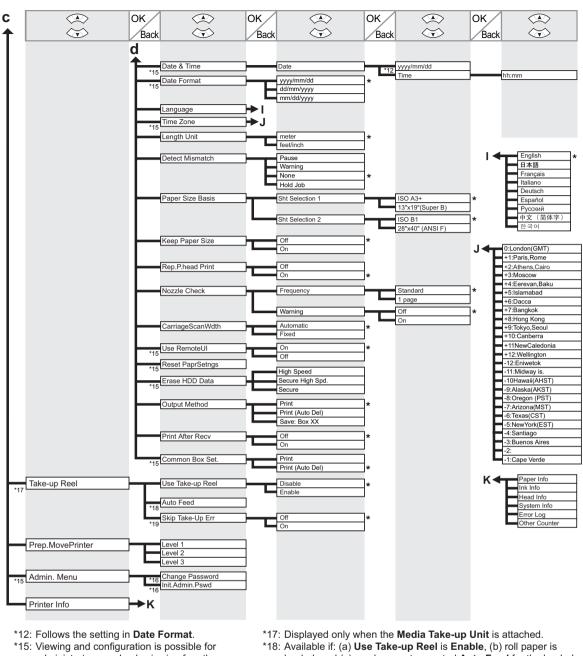
*10: Not shown if you have set NetWare to Off.

*11: Not displayed if IPv6 Support is Off.

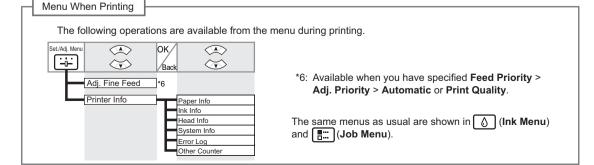
*13: Not shown if you have set Auto Detect to On.

*15: Viewing and configuration is possible for administrators, and only viewing for other users.

*16: Viewing and configuration is possible for administrators only.



- administrators, and only viewing for other users. *16: Viewing and configuration is possible for administrators only.
- Available if: (a) Use Take-up Reel is Enable, (b) roll paper is loaded, and (c) you have not executed Auto Feed for the loaded roll.
- *19: Available when Use Take-up Reel is Enable.



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