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Epson AcuLaser C9300 Series

User's Guide

NPD4505-01 EN

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Operating System Versions

In this manual, the following abbreviations are used.

Windows refers to Windows 7, 7 x64, Vista, Vista x64, XP, XP x64, Server 2008, Server 2008 x64, Server 2008 R2, Server 2003, and Server 2003 x64.

- ❏ Windows 7 refers to Windows 7 Ultimate Edition, Windows 7 Home Premium Edition, Windows 7 Home Basic Edition, and Windows 7 Professional Edition.
- ❏ Windows 7 x64 refers to Windows 7 Ultimate x64 Edition, Windows 7 Home Premium x64 Edition, Windows 7 Home Basic x64 Edition, and Windows 7 Professional x64 Edition.
- ❏ Windows Vista refers to Windows Vista Ultimate Edition, Windows Vista Home Premium Edition, Windows Vista Home Basic Edition, Windows Vista Enterprise Edition and Windows Vista Business Edition.
- ❏ Windows Vista x64 refers to Windows Vista Ultimate x64 Edition, Windows Vista Home Premium x64 Edition, Windows Vista Home Basic x64 Edition, Windows Vista Enterprise x64 Edition and Windows Vista Business x64 Edition.
- ❏ Windows XP refers to Windows XP Home Edition and Windows XP Professional.
- ❏ Windows XP x64 refers to Windows XP Professional x64 Edition.
- ❏ Windows Server 2008 refers to Windows Server 2008 Standard Edition and Windows Server 2008 Enterprise Edition.
- ❏ Windows Server 2008 x64 refers to Windows Server 2008 x64 Standard Edition, Windows Server 2008 x64 Enterprise Edition, Windows Server 2008 R2 Standard Edition, and Windows Server 2008 R2 Enterprise Edition.
- ❏ Windows Server 2003 refers to Windows Server 2003 Standard Edition and Windows Server 2003 Enterprise Edition.
- ❏ Windows Server 2003 x64 refers to Windows Server 2003 x64 Standard Edition and Windows Server 2003 x64 Enterprise Edition.

Macintosh refers to Mac OS X.

- ❏ Mac OS X refers to Mac OS X 10.4.11 or later.

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Safety Instructions

Warning, Caution, and Note

Warning
must be followed carefully to avoid bodily injury.

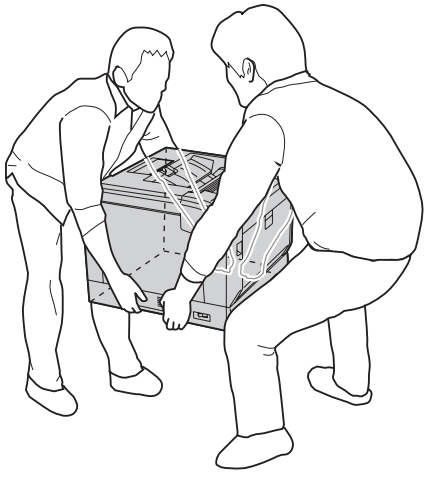
Caution
must be observed to avoid damage to your equipment.

Note
contains important information and useful tips on the operation of your printer.

Important Safety Instructions

Setting up the printer

❏ Because the printer weighs approximately 44 kg (97 lb) with consumable products installed, one person should not lift or carry it. Two people should carry the printer, lifting it by the correct positions as shown below.



❏ When moving the printer, always keep it horizontal.

❏ If you are unable to insert the AC plug into the electrical outlet, contact an electrician.

- ❏ Be sure the AC power cord meets the relevant local safety standards. Use only the power cord that comes with this printer. Use of the another cord may result in fire or electric shock. This printer's power cord is for use with this printer only. Use with other equipment may result in fire or electric shock.
- ❏ If damage occurs to the plug, replace the cord set or consult a qualified electrician. If there are fuses in the plug, make sure you replace them with fuses of the correct size and rating.
- ❏ Use a grounded outlet that matches the printer's power plug. Do not use an adapter plug.
- ❏ Avoid using an electrical outlet that is controlled by wall switches or automatic timers. Accidental disruption of power can erase valuable information in your computer's and printer's memory.
- ❏ Make sure that there is no dust on the socket.
- ❏ Be sure to insert the plug completely into the electrical outlet.
- ❏ Do not handle the plug with wet hands.
- ❏ Unplug this printer from the wall outlet and refer servicing to a qualified service representative under the following conditions:

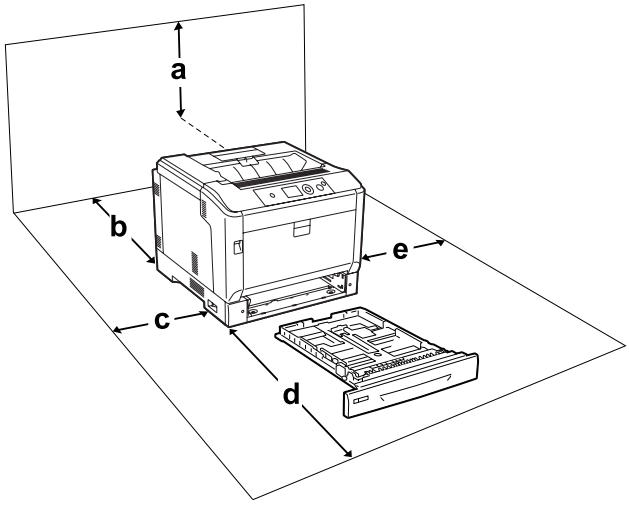
A	When the power cord or plug is damaged or frayed.
B	If liquid has been spilled into it.
C	If it has been exposed to rain or water.
D	If it does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the printer to normal operation.
E	If it has been dropped or the cabinet has been damaged.
F	If it exhibits a distinct change in performance, indicating a need for service.

- ❏ Avoid sharing outlets with other appliances.
- ❏ Connect all equipment to properly grounded power outlets. Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
- ❏ Connect your printer to an electrical outlet that meets the power requirements of this printer. Your printer's power requirements are indicated on a label attached to the printer. If you are not sure of the power supply specifications in your area, contact your local power company or consult your dealer.
- ❏ If you use an extension cord, make sure that the total of the ampere ratings on the products plugged into the extension cord does not exceed the extension cord ampere rating.

- ❏ When connecting this printer to a computer or other device with a cable, ensure the correct orientation of the connectors. Each connector has only one correct orientation. Inserting a connector in the wrong orientation may damage both devices connected by the cable.
- ❏ When lifting the printer onto the optional printer stand, be sure to lock the stand's casters.

Finding the place for the printer

When relocating the printer, always choose a location that has adequate space for easy operation and maintenance. Use the following illustration as a guide for the amount of space required around the printer to ensure smooth operation.



a	36 cm
b	14 cm
c	10 cm
d	59 cm
e	10 cm

To install and use any of the following options, you will need the indicated amount of additional space.

An optional paper cassette unit adds 14 cm (5.4 in.) to the bottom of the printer.

A printer stand adds 9 cm (3.5 in.) to the bottom of the printer.

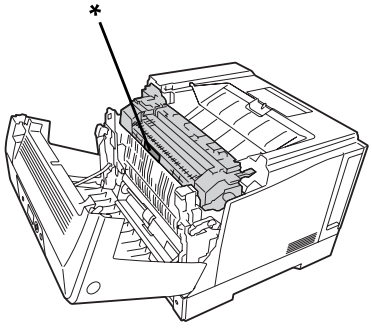
In addition to space considerations, always heed the following precautions when finding a place to locate the printer:

- ❏ Place the printer near an electrical outlet where you can easily plug in and unplug the power cord.
- ❏ Do not put your printer where the cord will be stepped on.
- ❏ Do not use printer in a damp environment.
- ❏ Avoid locations that are subject to direct sunlight, excessive heat, moisture, oil vapor, or dust.
- ❏ Do not place the printer on an unstable surface.
- ❏ Slots and openings in the cabinet and the back or bottom are provided for ventilation. Do not block or cover them. Do not put the printer on a bed, sofa, rug, or other similar surface or in a built-in installation unless proper ventilation is provided.
- ❏ Keep the entire computer and printer system away from potential sources of interference, such as loudspeakers or the base units of cordless telephones.
- ❏ Leave adequate room around the printer to allow for sufficient ventilation.

Using the printer

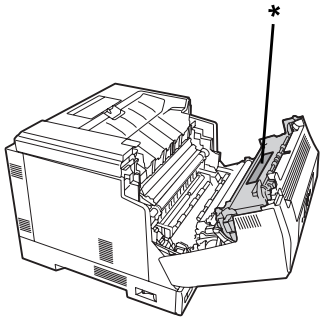
- ❏ Be careful not to touch the fuser, which is marked **CAUTION**, or the surrounding areas. If the printer has been in use, the fuser and the surrounding areas may be very hot. If you must touch one of these areas, turn off the printer and wait 40 minutes to allow the heat to subside before doing so.

  Front view of fuser (cover A is opened by button B)



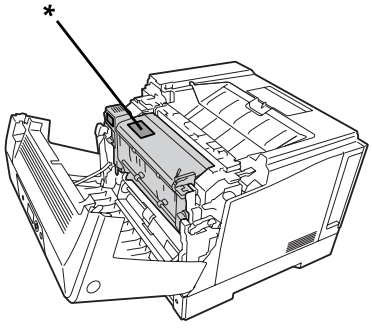
* **CAUTION**

Rear view of fuser (cover A is opened by lever A)



* **CAUTION**

When optional duplex unit is attached (cover A is opened by button B)



* **CAUTION**

- ❏ Do not insert your hand deep into the fuser unit as some components are sharp and may cause injury.
- ❏ Never push objects of any kind through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock.
- ❏ When optional paper cassettes are installed, do not open two or more paper cassettes at the same time while cover A is open. The open cassettes unbalance the printer, and if any pressure is placed on the back of it, it may fall over and hurt someone.
- ❏ Do not sit or lean on the printer. Do not put heavy objects on the printer.
- ❏ Do not use aerosol products containing any kind of combustible gases, such as air duster, in or around the printer.

- ❏ Never force the printer's components into place. Although the printer is designed to be sturdy, rough handling can damage it.
- ❏ Do not leave jammed paper inside the printer. This can cause the printer to overheat.
- ❏ Never spill liquid of any kind on the printer.
- ❏ Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and may require repair by a qualified service representative.
- ❏ Do not turn off the printer:
  - After turning on the printer, wait until Ready appears on the LCD panel.
  - While Ready light is flashing.
  - While the Data light is on or flashing.
  - While printing.
- ❏ Avoid touching the components inside the printer unless instructed to do so in this guide.
- ❏ Follow all warnings and instructions marked on the printer.
- ❏ Except as specifically explained in the printer's documentation, do not attempt to service this printer yourself.
- ❏ Periodically disconnect the plug from the electrical outlet and clean the blades.
- ❏ Do not disconnect the plug while the printer is on.
- ❏ If the printer will not be used for a long time, disconnect the plug from the electrical outlet.
- ❏ Unplug this printer from the wall outlet before cleaning.
- ❏ Use a well-wrung cloth for cleaning and do not use liquid or aerosol cleaners.

Handling consumable products

- ❏ Do not burn used consumable products because they might explode and injure someone. Dispose of them according to local regulations.
- ❏ Be sure to keep consumable products out of the reach of children.
- ❏ When handling a toner cartridge, always place it on a clean, smooth surface.
- ❏ Do not attempt to modify a toner cartridge or take it apart.
- ❏ Do not touch the toner. Always keep toner away from your eyes. If toner gets on your skin or clothes, wash it off with soap and water immediately.

- ❏ If toner is spilled, use a broom and dustpan or a damp cloth with soap and water to clean it up. Because the fine particles can cause a fire or explosion if they come into contact with a spark, do not use a vacuum cleaner.
- ❏ Wait at least one hour before using a toner cartridge after moving it from a cool to a warm environment to prevent damage from condensation.
- ❏ To get the best print quality, do not store the toner cartridge, developer unit, or photoconductor unit in an area subject to direct sunlight, dust, salty air, or corrosive gases (such as ammonia). Avoid locations subject to extreme or rapid changes in temperature or humidity.
- ❏ When removing the photoconductor unit, do not expose it to sunlight at all and avoid exposing it to room light for more than three minutes. The photoconductor unit contains a light-sensitive drum. Exposure to light can damage the drum, causing dark or light areas to appear on the printed page and reducing the service life of the drum. If you need to keep the photoconductor unit out of the printer for long periods, cover it with an opaque cloth.
- ❏ Be careful not to scratch the surface of the drum. When you remove the photoconductor unit from the printer, always place it on a clean, smooth surface. Avoid touching the drum, since oil from your skin can permanently damage its surface and affect print quality.
- ❏ Do not let the paper's edge slide across your skin because the edge of the paper may cut you.

Safety Information

Laser safety labels

Warning:
The performance of procedures and adjustments other than those specified in the printer's documentation may result in hazardous radiation exposure. Your printer is a Class 1 laser product as defined in the IEC60825 specifications. A label similar to the one shown below is attached to the back of printers in countries where required.

Internal laser radiation

There is a Class III b Laser Diode Assembly that has an invisible laser beam inside the printer head unit. The printer head unit is NOT A SERVICE ITEM, therefore, the printer head unit should not be opened under any circumstances. An additional laser warning label is affixed to the inside of the printer.

Ozone safety

Ozone emission

Ozone gas is generated by laser printers as a by-product of the printing process. Ozone is produced only when the printer is printing.

Ozone exposure limit

The Epson laser printer generates less than 3 mg/h of continuous printing.

Minimize the risk

To minimize the risk of exposure to ozone, you should avoid the following conditions:

- ❏ Use of multiple laser printers in a confined area
- ❏ Operation in conditions of extremely low humidity
- ❏ Poor room ventilation
- ❏ Long, continuous printing together with any of the above

Printer location

The printer should be located so that the exhaust gases and heat generated are:

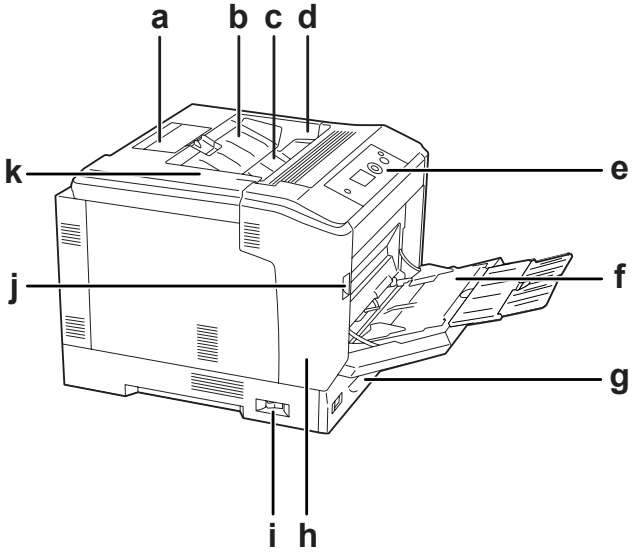
- ❏ Not blown directly into the user's face
- ❏ Vented directly out of the building whenever possible

Chapter 1

Getting to Know Your Printer

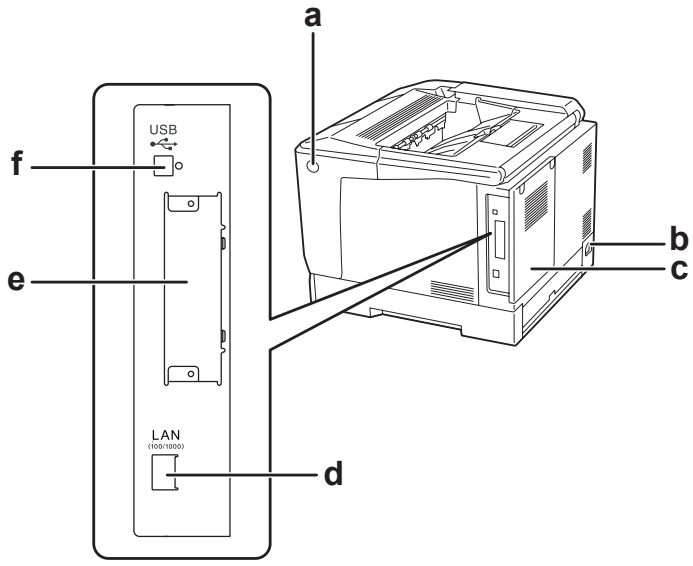
Printer Parts

Front view



a.	paper support	b.	cover F
c.	output tray	d.	cover G
e.	control panel	f.	MP tray
g.	standard lower paper cassette	h.	cover A
i.	power switch	j.	lever A
k.	cover D		

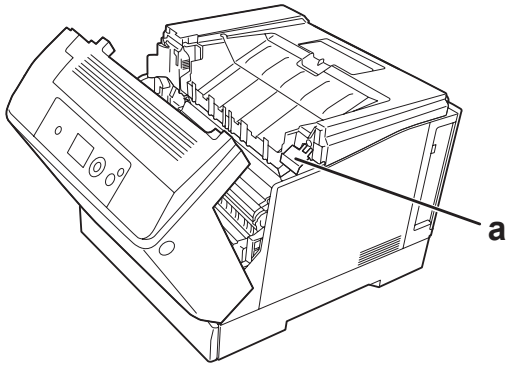
Rear view



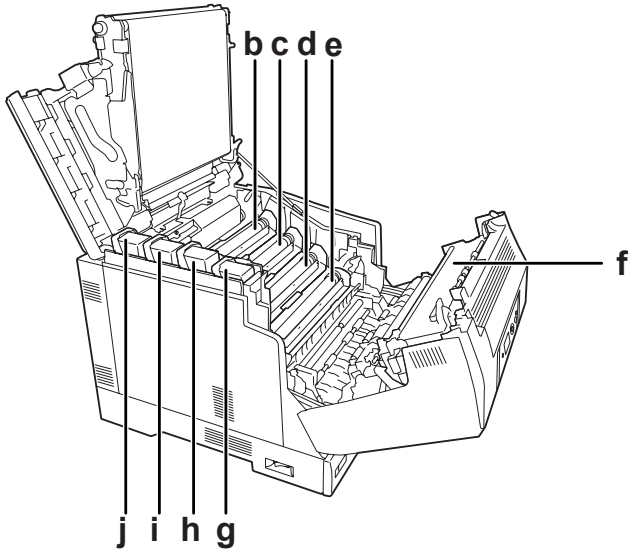
a.	button B	b.	AC inlet
c.	back cover	d.	Ethernet interface connector
e.	Type-B interface card slot cover	f.	USB interface connector

Inside the printer

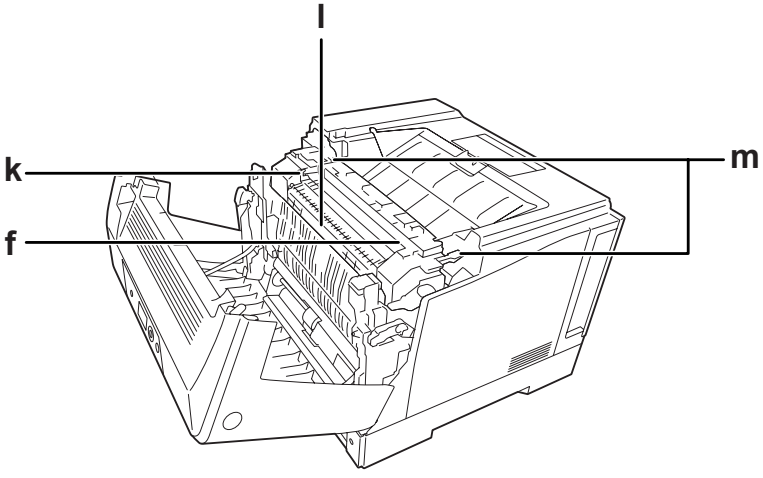
cover A is opened by lever A



cover A is opened by lever A and cover G is opened by lever G



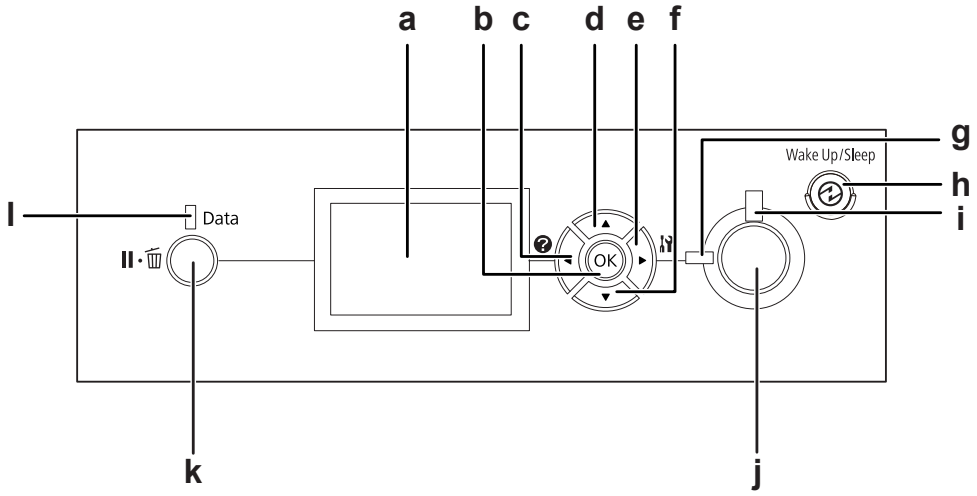
cover A is opened by button B



a.	lever G	b.	photoconductor unit (Yellow)
c.	photoconductor unit (Magenta)	d.	photoconductor unit (Cyan)
e.	photoconductor unit (Black)	f.	fuser unit
g.	toner cartridge (Black)	h.	toner cartridge (Cyan)
i.	toner cartridge (Magenta)	j.	toner cartridge (Yellow)

k.	lever E	l.	cover E
m.	release lever		

Control panel



a.	LCD panel	Displays printer status messages and control panel menu settings.
b. c. d. e. f.	**OK** button **Left** button **Up** button **Right** button **Down** button	Use these buttons to access the control panel menus, where you can make printer settings and check the status of consumable products. For instructions on how to use these buttons, see "Using the Control Panel Menus" on page 61.
g.	**Ready** light (Green)	On when the printer is ready, indicating that the printer is ready to receive and print data. Off when the printer is not ready.
h.	**Wake Up/Sleep** button (Green)	Press to switch the status between available for printing and saving power. This button lights up when the printer is in the sleep mode (the deep sleep mode). The printer has a power off mode which saves more power consumption as almost all functions are not available, and this button blinks while in the power off mode. Press this button to recover from the sleep mode (the deep sleep mode) and the power off mode. For more details about the power off mode, see "Energy Saver Menu" on page 89.
i.	**Error** light (Orange)	On or flashes when an error has occurred.

j.	**Start/Stop** button	When the printer is printing, pressing this button stops the printing. When the error light is flashing, pressing this button clears the error and switches the printer to ready status.
k.	**Pause/Cancel** button	Press once to pause. Press again to recover from pause. While paused, the following operations are available on the control panel. - Canceling the current print job or stored print jobs. - Interrupting print jobs to print a stored print job. For instructions on these operations, see "Canceling Printing" on page 108 and "Interrupting Printing" on page 109.
l.	**Data** light (Green)	On when print data is stored in the print buffer (the section of printer memory reserved for receiving data) but not yet printed. Flashes when the printer is processing data. Off when no data remains in the print buffer.

Options and Consumable Products

Options

You can add to your printer's capabilities by installing any of the following options.

❏ Printer Stand (C12C847181)
This option is installed to fix the printer and enables the printer to move easily with its casters.

❏ Paper Cassette Unit (C12C802601)
This unit increases paper feeding capacity up to 550 sheets of paper. You can install up to three units.

❏ Duplex Unit (C12C802612)
This unit allows for automatic printing on both sides of paper.

❏ CompactFlash Memory
This option enables you to store overlay forms, use Reserve Job function, and improve the collate printing environment. By using the Reserve Job function, you can store print jobs in the printer's CompactFlash memory and print them later directly from the printer's control panel. By using the collate printing function, you can print larger and more complex print jobs.

Note:
The CompactFlash memory must be at least 4 GB.

❏ Memory Module
This option expands the printer's memory by allowing you to print complex and graphics-intensive documents. The printer's RAM can be increased up to 1024 MB by adding an additional 1024 MB RAM DIMM.

Note:
Make sure that the DIMM you purchase is compatible with Epson products. For details, contact the store where you purchased this printer or an Epson qualified service representative.

❏ Parallel Interface Card (C12C824521)
This option enables parallel interface connection. Insert the parallel interface card to the Type-B interface card slot.

Consumable products

The life of the following consumable products is monitored by the printer. The printer lets you know when replacements are needed.

Product name	**Product code**
Toner Cartridge (Yellow)	0602
Toner Cartridge (Magenta)	0603
Toner Cartridge (Cyan)	0604
Toner Cartridge (Black)	0605
Double Toner Cartridge Pack (Yellow)	0606
Double Toner Cartridge Pack (Magenta)	0607
Double Toner Cartridge Pack (Cyan)	0608
Double Toner Cartridge Pack (Black)	0609
Photoconductor Unit (Color)	1209
Photoconductor Unit (Black)	1210
Waste Toner Collector	0610

Where to Find Information

Setup Guide

Provides you with information on assembling the printer and installing the printer software.

User's Guide (this manual)

Provides you with detailed information on the printer's functions, optional products, maintenance, troubleshooting, and technical specifications.

Network Guide

Provides network administrators with information on both the printer driver and network settings.

Font Guide

Provides you with information on fonts used on the printer.

Online Help for printer software

Click **Help** for detailed information and instructions on the printer software that controls your printer. Online help is automatically installed when you install the printer software.

Printer Features

Power saving performance

The printer has an advanced power saving feature that helps you reduce electricity consumption. In the power off mode, the printer consumes about 0.2 W by disabling almost all operations. For a detailed explanation, see "Energy Saver Menu" on page 89.

Print Job Arranger

This function allows printing settings for several documents created by different applications at the same time. You can arrange the order in which jobs are printed and change the layout of the data.

Sort function

You can alternate printouts vertically and horizontally when collating multiple sets of printouts.

Chapter 2

Printing Tasks

Loading Paper into Your Printer

This section describes how to load paper. If you use special media such as envelopes, see also "Selecting and Using Print Media" on page 36. For specifications or details about the paper types and sizes, see "Paper" on page 192.

Caution:

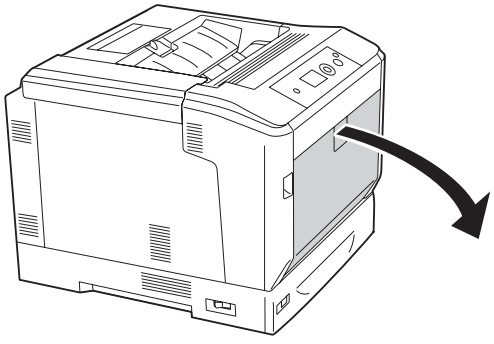
- ❏ *Do not let the paper's edge slide across your skin because the edge of the paper may cut you.*
- ❏ *Do not open two or more paper cassettes at the same time while cover A is open. The open cassettes unbalance the printer, and if any pressure is placed on the back of it, it may fall over and hurt someone.*

MP tray

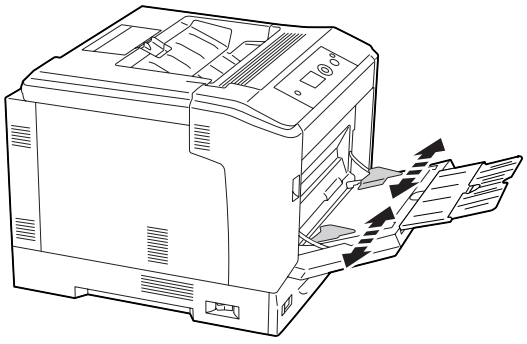
The MP tray (Multi-purpose tray) is the paper source that is available for various types of paper, such as labels, envelopes, thick paper, and coated paper.

Note:
To load envelopes, see "Envelopes" on page 37.

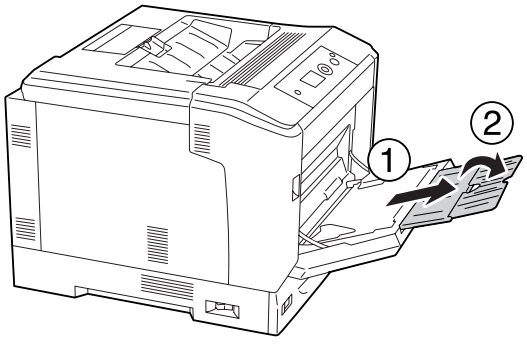
1. Open the MP tray.



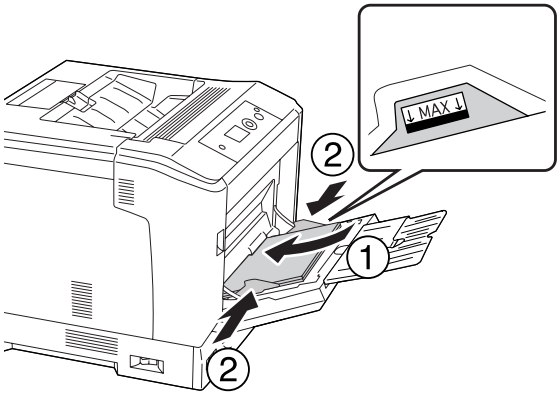
2. Slide the paper guides outward.



Note:
When the loading paper size is bigger than A4, open the extension tray on the MP tray to accommodate the paper.



3. Load a stack of the desired paper with the printable surface facing down. Then slide the paper guides to get a snug fit.



Note:

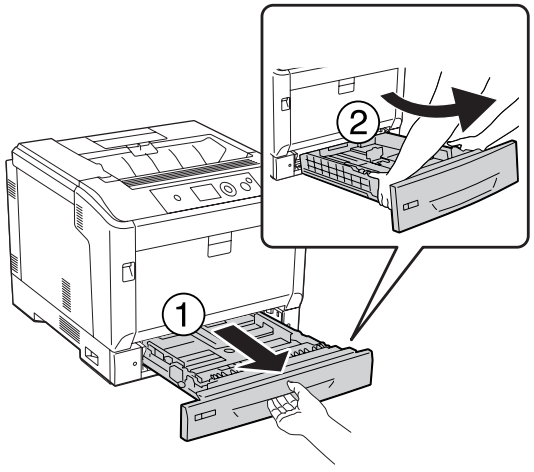
- ❏ *Make sure that you do not load paper beyond the limit mark.*
- ❏ *After loading paper, set the* MP Tray Size *and* MP Type *settings to match the loaded paper size on the control panel. For details, see "Tray Menu" on page 66.*

Lower paper cassette

This cassette gives you a second paper source in addition to the MP tray.

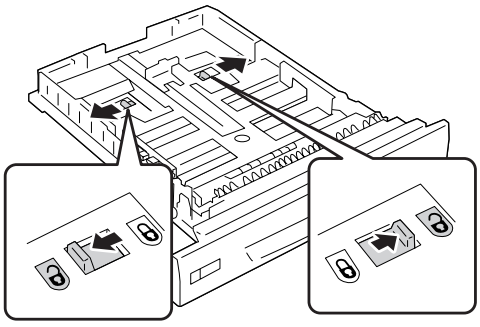
Note:
The instructions below describe loading paper in paper cassette 1 as an example.

1. Pull out the paper cassette.

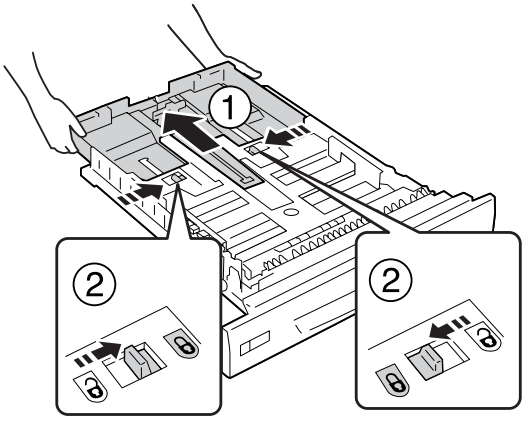


Note:
When the loading paper size is B4 or larger, extend the paper cassette. If you do not need to extend the paper cassette, go to step 4.

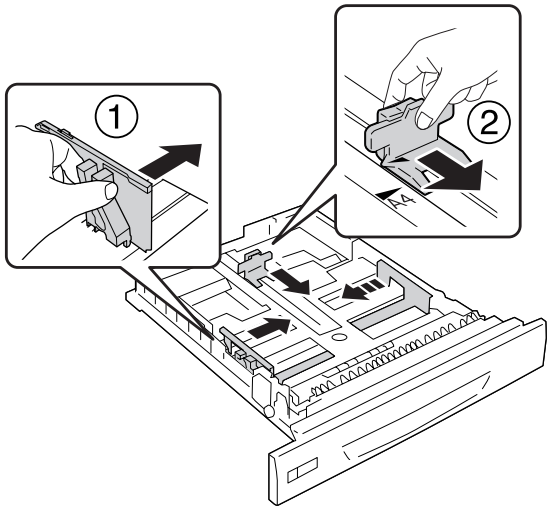
2. Slide the unlock levers outward.



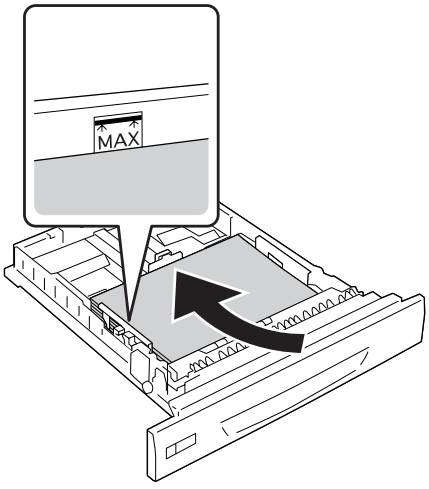
3. Extend the paper cassette until it clicks.
   The unlock levers return to their original positions automatically.



4. Pinch the knobs and slide the paper guides to accommodate the paper you are loading.

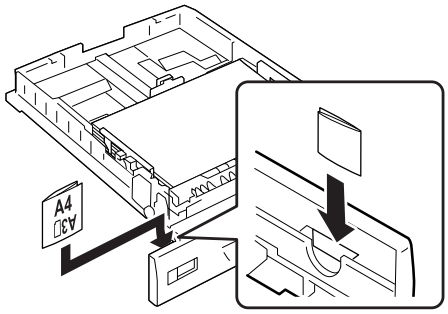


5. Load a stack of the desired paper with the printable surface facing up.

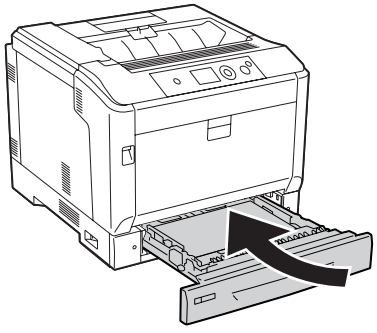


Note:
Make sure that you do not load paper beyond the limit mark.

6. Insert the paper size label.



7. Reinsert the paper cassette into the printer.



Note:
After loading paper, set the `Cassette1 Size` *and* `Cassette1 Type` *settings to match the loaded paper size and paper type on the control panel. For details, see "Tray Menu" on page 66.*

Notes on loading A4/LT size paper

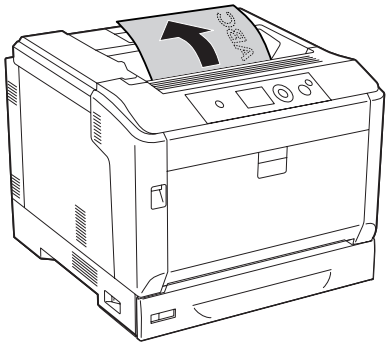
You can load A4/LT size paper both in portrait and landscape orientation in the printer.

Set the printer as follows when you load A4/LT size paper.

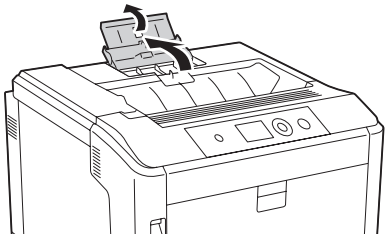
Paper source	Orientation of paper in paper source	Printer driver Output Settings	Control panel Tray Menu - MP Tray Size, Cassette1/2/3/4 Size
MP tray	Portrait	Eject Vertically	A4: A4 Portrait LT: LT Portrait
	Landscape	Eject Horizontally	A4: A4 Landscape LT: LT Landscape
Lower cassette	Portrait	Unnecessary	Unnecessary
	Landscape	Unnecessary	Unnecessary

Output tray

The output tray is located on the top of the printer. Since printouts are output face-down, this tray is also referred to as the face-down tray. Up to 250 sheets can be stacked when using the A4-size plain paper.



Note:
Extend the paper support to accommodate the size of the paper loaded in the MP tray or lower paper cassette to prevent it from slipping off the printer.



Selecting and Using Print Media

You can use special media, such as labels, envelopes, thick paper, and coated paper.

When loading special media, you should make paper settings. You can also make these settings on the Tray Menu in the control panel. See “Tray Menu” on page 66.

Note:
Since the quality of any particular brand or type of media may be changed by the manufacturer at any time, Epson cannot guarantee the quality of any type of media. Always test samples of media stock before purchasing large quantities or printing large jobs.

Labels

Available labels

- ❏ Labels designed for laser printers or plain-paper copiers
- ❏ Labels that completely cover the backing sheet, with no gaps between the individual labels

Available paper source

- ❏ MP tray
- ❏ Lower paper cassettes

Printer driver settings

MP tray

	Printer driver settings
Paper Size	A4, A3, A5, A6, B4, B5, LT, HLT, LGL, GLT, GLG, B, EXE, F4
Paper Source	MP Tray
Paper Type	Labels

Lower paper cassettes

	Printer driver settings
Paper Size	A4, A3, A5, B4, B5, LT, LGL, B
Paper Source	Cassette 1, Cassette 2*, Cassette 3*, Cassette 4*
Paper Type	Labels

* Available only when the optional paper cassette unit is installed.

Note:

- ❏ *Depending on the quality of labels, the printing environment, or the printing procedure, labels might be wrinkled. Make a trial print run before you print on a lot of labels.*
- ❏ *Duplex printing is not available for labels.*
- ❏ *Press a sheet of paper on top of each sheet of labels. If the paper sticks, do not use those labels in your printer.*

Envelopes

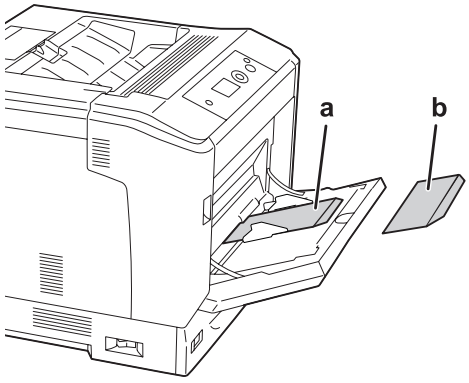
Available envelopes

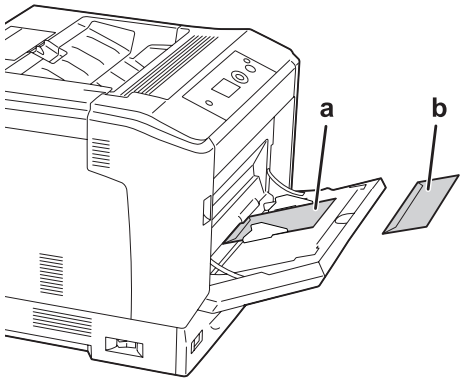
- ❏ Envelopes that have no glue or no tape

⚠ ***Caution:***
Do not use window envelopes. The plastic on most window envelopes will melt.

Available paper source

❏ MP tray





a. C5, IB5
b. MON, C10, DL, C6

Printer driver settings

MP tray

	Printer driver settings
Paper Size	MON, C10, DL, C5, C6, IB5
Paper Source	MP Tray

Note:

❏ *Depending on the quality of envelopes, the printing environment, or the printing procedure, envelopes might be wrinkled. Make a trial print run before you print on a lot of envelopes.*

❏ *Duplex printing is not available for envelopes.*

Thick paper

Available paper source

❏ MP tray

❏ Lower paper cassettes

Printer driver settings

MP tray

	Printer driver settings
Paper Size	A4, A3, A5, A6, B4, B5, LT, HLT, LGL, GLT, GLG, B, EXE, F4
Paper Source	MP Tray
Paper Type	Thick/Thick (Back) (for 106 to 163 g/m² paper), Extra Thick*1/Extra Thick (Back)*1 (for 164 to 216 g/m² paper)

*1 164 to 220 g/m² paper is available for A4 size paper.

Lower paper cassettes

	Printer driver settings
Paper Size	A4, A3, A5, B4, B5, LT, LGL, B
Paper Source	Cassette 1, Cassette 2[*1], Cassette 3[*1], Cassette 4[*1]
Paper Type	Thick/Thick (Back) (for 106 to 163 g/m² paper[*2]), Extra Thick[*3]/Extra Thick (Back)[*3] (for 164 to 216 g/m² paper)

[*1] Available only when the optional paper cassette unit is installed.

[*2] For the optional paper cassette unit, 106 to 175 g/m² paper.

[*3] 164 to 220 g/m² paper is available for A4 size paper.

Coated paper

Available paper source

❏ MP tray

Printer driver settings

MP tray

	Printer driver settings
Paper Size	A4, A3, A5, A6, B4, B5, LT, HLT, LGL, GLT, GLG, B, EXE, F4
Paper Source	MP Tray
Paper Type	Coated, Coated (Back)

Note:
Because coated paper is coated with the special materials, load it one sheet at a time from the MP tray.

Custom paper size

Available paper source

❏ MP tray

❏ Lower paper cassettes

Printer driver settings

MP tray

	Printer driver settings
Paper Size	User Defined Size*
Paper Source	MP Tray
Paper Type	Plain/Plain (Back), Semi-Thick/Semi-Thick (Back), Preprinted/Preprinted (Back), Recycled/Recycled (Back), Color/Color (Back), Labels, Thick/Thick (Back), Extra Thick/Extra Thick (Back), Coated, Coated (Back)

* 75 × 98 mm at minimum and 297 × 1,200 mm at maximum.

Lower paper cassettes

	Printer driver settings
Paper Size	User Defined Size*1
Paper Source	Cassette 1, Cassette 2*2, Cassette 3*2, Cassette 4*2
Paper Type	Plain/Plain (Back), Semi-Thick/Semi-Thick (Back), Preprinted/Preprinted (Back), Recycled/Recycled (Back), Color/Color (Back), Labels, Thick/Thick (Back), Extra Thick*3/Extra Thick (Back)*3, Coated, Coated (Back)

*1 210 × 148 mm to 297 × 431.8 mm. However, paper that is wider than 279.4 mm and longer than 420 mm cannot be loaded in the paper cassette. Load it in the MP tray.

*2 Available only when the optional paper cassette unit is installed.

*3 Available only when Cassette 1 is selected as Paper Source.

Note:

❏ *Depending on the quality of the non-standard size paper, the printing environment, or the printing procedure, the paper might skew. Make a trial print run before you print on a lot of non-standard size paper.*

❏ *For Windows, access the printer driver, then select* ***User Defined Size*** *from the Paper Size list on the Basic Settings tab. In the User Defined Paper Size dialog box, adjust the Paper Width, Paper Length, and Unit settings to match your custom paper. Then click* ***OK*** *and your custom paper size will be saved.*

❏ *The saved paper sizes can only be used with the printer driver you saved them to. Even if multiple printer names are set for a printer driver, the settings can be available only for the printer name in which you saved the settings.*

❏ *When sharing the printer on a network, you cannot create User Defined Size at the client.*

❏ *If you cannot use the printer driver as explained above, make this setting at the printer by accessing the control panel's* `Printing Menu` *and selecting* `CTM` *(custom) as the* `Page Size` *setting.*

Cancelling a Print Job

From the printer

To cancel a print job on the printer's control panel, see "Canceling Printing" on page 108.

From the computer

For Windows users

Double-click your printer's icon on the taskbar. Select the job in the list, then click **Cancel** from the Document menu.

Setting the Print Quality

You can change the print quality of printouts through settings in the printer driver.

In the Automatic setting, you can select a print mode according to your printing purpose. The printer driver makes optimal settings depending on the print mode you have selected. In the Advanced setting, you have more setting options.

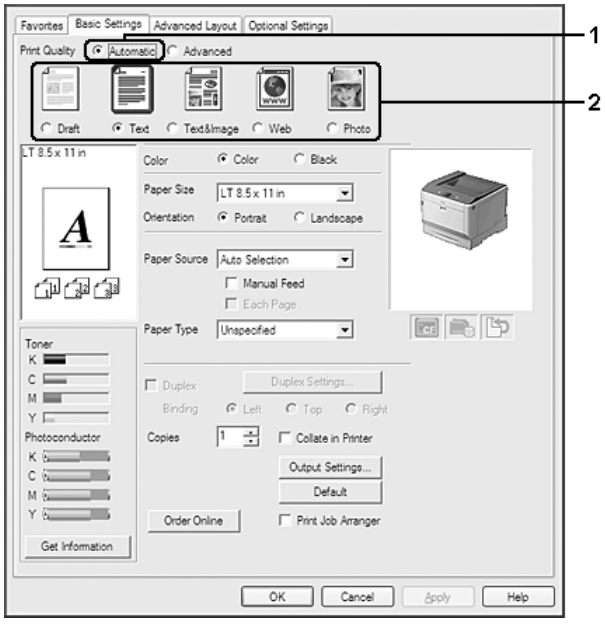
Note:
The printer driver's online help provides details on printer driver settings.

Using the Automatic setting

For Windows users

1. Click the **Basic Settings** tab.

2. Click **Automatic**, then choose desired printing quality.



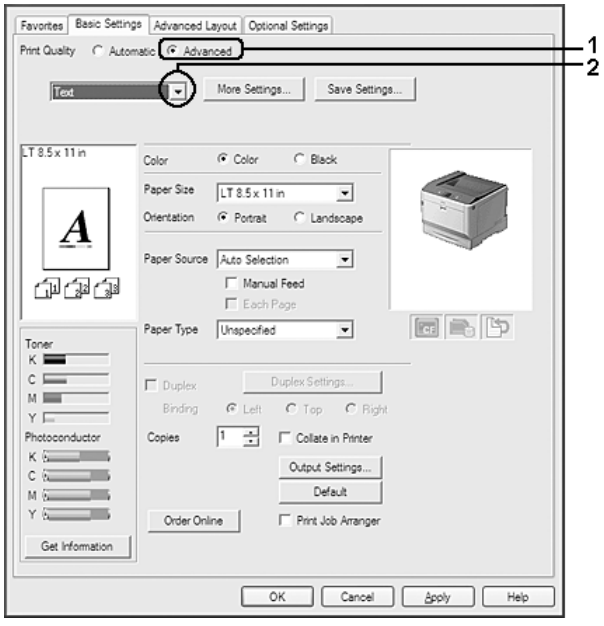
3. Click **OK**.

Using the Advanced setting

For Windows users

1. Click the **Basic Settings** tab.

2. Select **Advanced**. Then select the most appropriate setting from the list according to the type of document or image you want to print.



When you choose a predefined setting, other settings such as Print Quality and Color Management are set automatically. Changes are shown in the current settings list on the Setting Information dialog box that appears by pressing the **Setting Info.** button on the Optional Settings tab.

Customizing print settings

If you need to change detailed settings, make the settings manually.

For Windows users

1. Click the **Basic Settings** tab.
2. Select **Advanced**, then click **More Settings**.
3. Make appropriate settings. For details about each setting, see online help.
4. Click **OK**.

Saving your settings

You can save your custom settings.

Note:
❏ *You cannot use a predefined setting name for your custom settings.*

❏ *The saved custom settings can only be used with the printer driver you saved them to. Even if multiple printer names are set for a printer driver, the settings can be available only for the printer name in which you saved the settings.*

❏ *You cannot delete predefined settings.*

For Windows users

Note:
When sharing the printer on a network, Save Settings is grayed out and you cannot create a custom setting at the client.

1. Click the **Basic Settings** tab.

2. Select **Advanced**, then click **Save Settings** to open the Custom Settings dialog box.

3. Type a name for your custom settings in the Name box, then click **Save**.

Your settings will appear in the drop-down list which appears when Advance is selected on the Basic Settings tab.

Note:
*To delete a custom setting, follow the step 1 and 2, select the setting in the Custom Settings dialog box, then click **Delete**.*

You can create new settings in the More Settings dialog box. When you create new settings, Custom Settings is displayed in the list on the Basic Settings tab. In this case, the original setting is not overwritten. To save the new settings, save them under a new name.

Toner Save mode

To reduce the amount of toner used in printing documents, you can print rough drafts using the Toner Save mode.

For Windows users

1. Click the **Basic Settings** tab.
2. Select **Advanced**, then click **More Settings** to open the More Settings dialog box.
3. Select the **Toner Save** check box, then click **OK**.

Monochrome Model Compatibility mode

When the following occurs while printing in black-and-white, use this function.

- ❏ The text and lines are too thin.
- ❏ The print data size is too large.

1. Click the **Basic Settings** tab.
2. Select **Advanced**, then click **More Settings** to open the More Settings dialog box.
3. Select **Black** as Color, select the **Monochrome Model Compatibility** check box, and then click **OK**.

Note:
When you use this mode, the amount of toner consumption increases.

Adjusting the weight of thin lines

Thin lines can be printed in thicker lines as visible.

1. Click the **Basic Settings** tab.
2. Select **Advanced**, then click **More Settings** to open the More Settings dialog box.
3. Select the **Dot Correction** check box, then click **OK**.

The default setting for the Dot Correction is on.

Setting the Advanced Layout

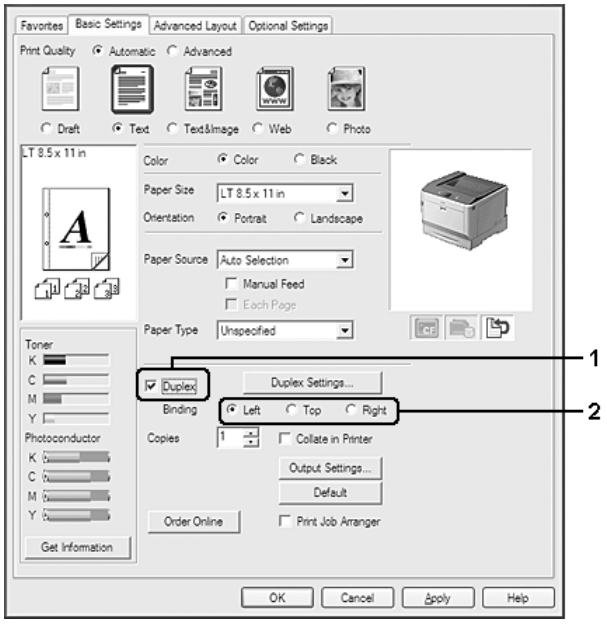
Duplex printing (with the Duplex Unit)

This function allows you to print on both sides of the paper automatically by installing the optional Duplex Unit.

For Windows users

1. Click the **Basic Settings** tab.

2. Select the **Duplex** check box, then select **Left**, **Top**, or **Right** as the binding position.



Note:
*The **Duplex** check box appears only when the Duplex Unit is recognized by the printer driver. If it is not recognized, confirm that the option is set to **Installed** on the Optional Settings tab. If necessary, update the installed option information manually. For details, see "Making Optional Settings" on page 175.*

3. If you want to make detailed settings, click **Duplex Settings** to open the Duplex Settings dialog box.

4. Make appropriate settings. For details about each setting, see online help.

5. Click **OK**.

Modifying the print layout

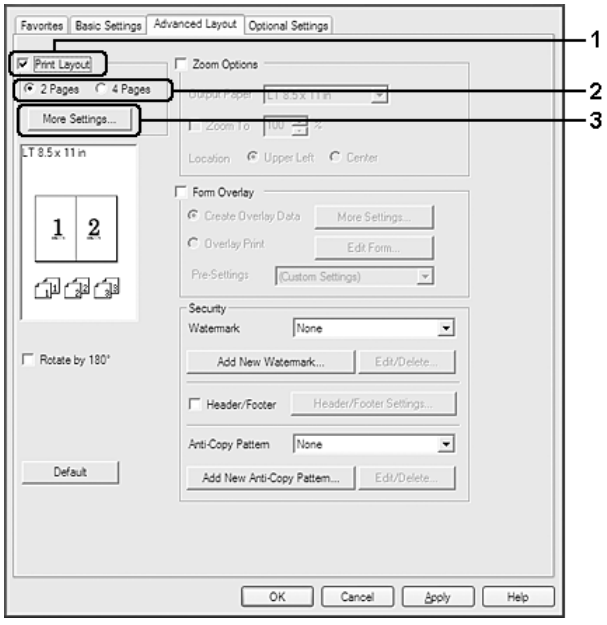
This function allows you to print multiple pages on single sheets of paper.

For Windows users

1. Click the **Advanced Layout** tab.

2. Select the **Print Layout** check box and the number of pages you want to print on one sheet of paper.

3. If you want to make detailed settings, click **More Settings**. The Print Layout Settings dialog box appears.



4. Make appropriate settings. For details about each setting, see online help.

5. Click **OK**.

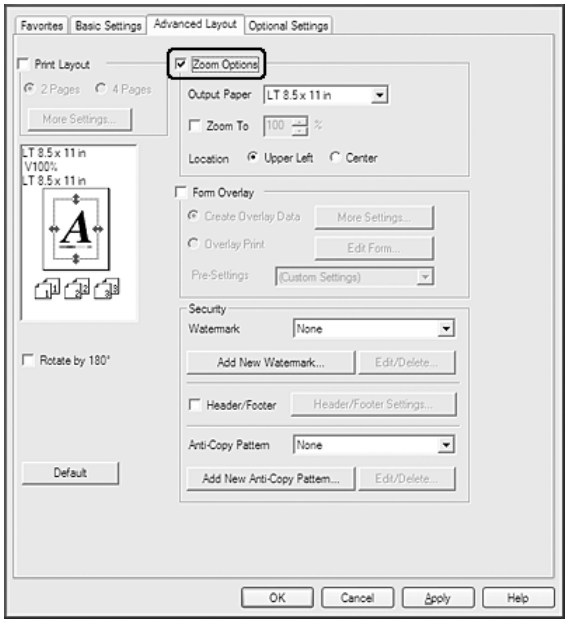
Resizing printouts

This function allows you to enlarge or reduce your document.

For Windows users

1. Click the **Advanced Layout** tab.

2. Select the **Zoom Options** check box.



3. If you want to resize pages automatically to fit the output paper, select the desired paper size from the Output Paper drop-down list.
   If you want to resize pages by a specified magnification, select the **Zoom To** check box, then specify the percentage. You can also select the output paper size.

4. Select **Upper Left** (to print reduced page image at upper left corner of the paper) or **Center** (to print reduced page image with centering) for Location setting.

   Note:
   *This setting is not available when you select **Zoom To** check box.*

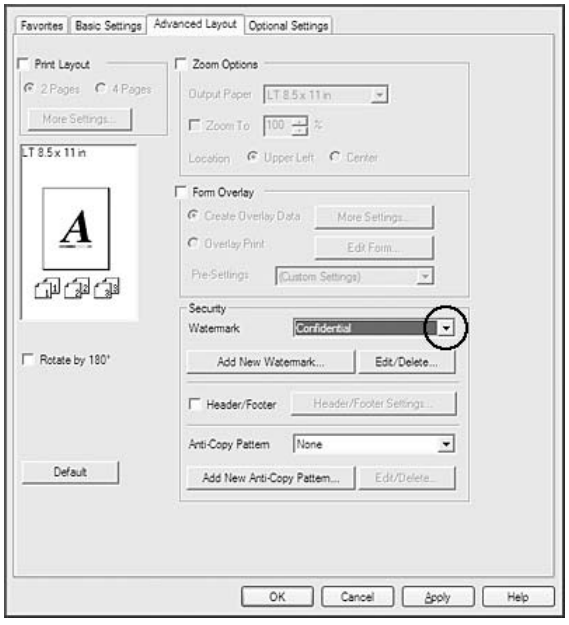
5. Click **OK**.

Printing watermarks

This function allows you to print a text-based or image-based watermark on your document.

For Windows users

1. Click the **Advanced Layout** tab.
2. Select a watermark that you want to use from the Watermark drop-down list.



3. If you want to make detailed settings, click **Edit/Delete**, and make appropriate settings. For details about each setting, see online help.
4. Click **OK**.

Making a new watermark

For Windows users

1. Click the **Advanced Layout** tab.
2. Click **Add New Watermark**.
3. Select **Text** or **BMP** and type a name for the new watermark in the Name box.

4. If you select **Text**, type the watermark text in the Text box. If you select **BMP**, select the BMP file you want to use, then click **Open**.

5. Click **OK**.

Note:

- ❏ *You can register up to 10 original watermarks.*
- ❏ *To edit the saved watermark, click **Edit/Delete** on the Advanced Layout tab, select the watermark you want to edit in the Name box, and make appropriate settings, then click **OK**.*
- ❏ *To remove the saved watermark, click **Edit/Delete** on the Advanced Layout tab, select the watermark you want to delete in the Name box, then click **Delete**.*
- ❏ *The saved watermarks can only be used with the printer driver you saved them to. Even if multiple printer names are set for a printer driver, the settings can be available only for the printer name in which you saved the settings.*
- ❏ *When sharing the printer on a network, you cannot create a user defined watermark at the client.*

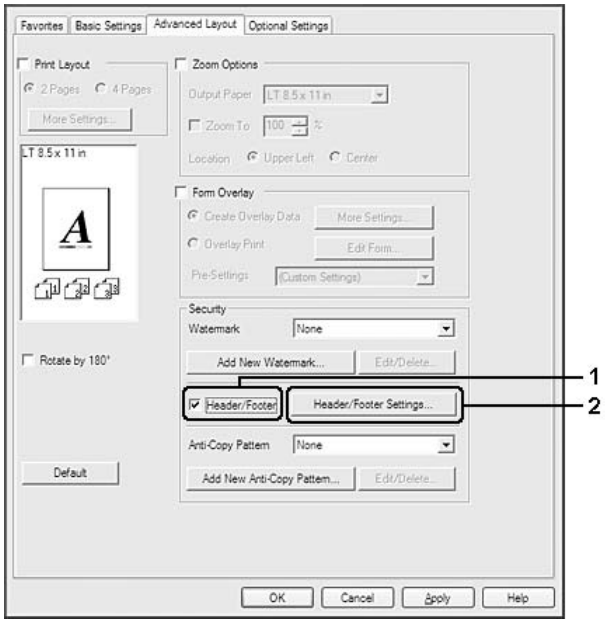
Printing headers and footers

This function allows you to print user name, computer name, date, time, or collate number, at the top or bottom of each page in a document.

For Windows users

1. Click the **Advanced Layout** tab.

2. Select the **Header/Footer** check box, then click **Header/Footer Settings**.



3. Select the items from the drop-down list.

Note:

❏ *If you select **Collate Number**, the number of copies is printed.*

❏ *When using the reserve job function, you cannot select Collate Number.*

4. Click **OK**.

Printing with an overlay

This function allows you to print a standard form or letterhead onto the original document.

Note:

❏ *This function is for Windows only.*

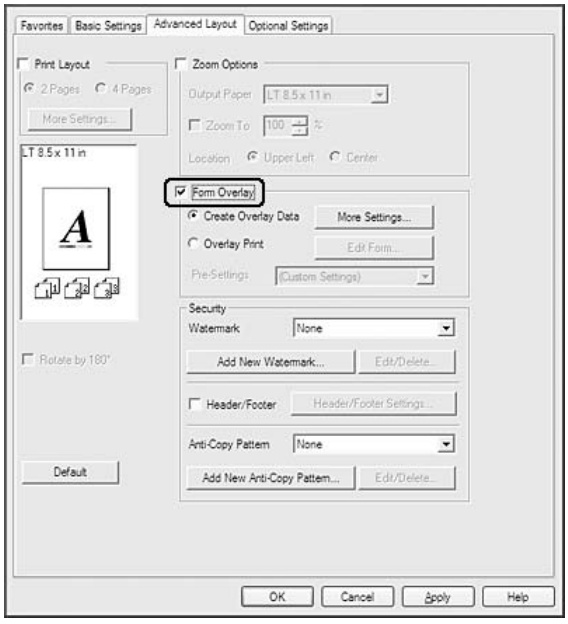
❏ *The overlay function is available only when **High Quality (Printer)** is selected for the Printing Mode in the Extended Settings dialog box from the Optional Settings tab.*

❏ *When printing in black-and-white with this function, Monochrome Model Compatibility is automatically enabled. This prints text and lines heavily, increasing the amount of toner consumption.*

Creating an overlay

1. Click the **Advanced Layout** tab.

2. Select the **Form Overlay** check box.



3. Select **Create Overlay Data**, then click **More Settings**. The Create Form dialog box appears.

4. Type the form name in the Form Name box and its description in the Description box.

5. Select **Foreground Document** or **Background Document** to specify whether the overlay will be printed as foreground or background of the document.

6. Select the **Assign to Paper Source** check box to display the form name in the Paper Source drop-down list on the Basic Settings tab.

7. Click **OK**.

Note:

❏ *To change the settings of the overlay form data you created, access the printer driver and follow the step 1 and 2 above. Note that on the step 3, select **Overlay Print**, then click **Edit Form**.*

❏ *The following 9 characters cannot be used for form names: \ / : * ? " < > |.*

Printing an overlaid document

You can select the registered form data from the Paper Source drop-down list on the Basic Settings tab. For registering form data in the Paper Source, see step 6 in "Creating an overlay" on page 53.
If overlay form data is not registered in the Paper Source or if you want to make detailed settings, follow the steps below.

1. Click the **Advanced Layout** tab.

2. Select the **Form Overlay** check box.

3. Select the **Overlay Print** check box, then click **More Settings**. The Form Selection dialog box appears.

4. Make appropriate settings. For details about each setting, see online help.

   Note:
   If you cannot select the form from the application, access the printer driver from the operating system. For details, see "Accessing the printer driver" on page 174.

5. Click **OK**.

Saving an overlaid form pre-settings

This function allows you to save the settings you made from "Creating an overlay" on page 53.

1. From the Form Selection dialog box, click **Save/Delete**. To open the dialog box, see "Printing an overlaid document" on page 54.

2. Type the pre-settings name in the Form Pre-Settings Name box, then click **Save**. Your pre-settings name will appear in the Form Pre-Settings drop-down list in the Form Selection dialog box.

3. Click **OK**. Your pre-settings name will appear in the Pre-Settings drop-down list in the Advanced Layout dialog box.

   Note:
   - ❏ *To delete an overlaid form pre-setting, follow the step 1, select the pre-settings name you want to delete from Form Pre-Settings drop-down list, click **Delete**, and then click **OK**.*

   - ❏ *You can save up to 20 pre-settings.*

Printing with an overlay (with the storage)

This function allows you to register the overlay form data on the storage. The optional CompactFlash memory installed on the printer is used as the storage for this product.

This function is available only when the following conditions are satisfied.

- ❏ The optional CompactFlash memory is installed on the printer. The CompactFlash memory must be at least 4 GB.
- ❏ **Update the Printer Option Info Automatically** is selected under the Optional Settings tab on the printer driver.
- ❏ High Quality (Printer) mode is set.
- ❏ The printer is connected via a network.
- ❏ You are using Windows.
- ❏ EPSON Status Monitor is installed on the computer.
- ❏ Internet Explorer is running on the computer.

Register the overlay form data on the storage

Note:
The form name must use only the characters shown below. A - Z, a - z, 0 - 9, and ! ') (- _ %

1. Create the overlay form data. For details, see "Creating an overlay" on page 53.
2. Log in to Windows Vista, Vista x64, XP, XP x64, Server 2003, or Server 2003 x64 as an administrator.
3. Access the printer driver from the operating system. For details, see "Accessing the printer driver" on page 174.
4. Click the **Optional Settings** tab.
5. Click **Register**. The Authentication dialog box appears.
6. Enter the password, and then click **OK**.
   The Register to Storage dialog box appears.
7. Select the form name from the Form Names list, and then click **Register**.

Note:

❏ *Only form names that can be registered appear on the Form Names list.*

❏ *Click **Print List** to print the form list registered in the printer.*

8. Click **Back** to close the Register to Storage dialog box.

9. Click **OK**.

Printing a overlaid document

1. Click the **Advanced Layout** tab.

2. Select the **Form Overlay** check box.

3. Select the **Overlay Print** check box, then click **More Settings**. The Form Selection dialog box appears.

4. Select **CompactFlash in Printer** in the Current Source drop-down list.

5. Make appropriate settings. For details about each setting, see online help.

6. Click **OK** in the Form Selection dialog box.

7. Click **OK** in the Advanced Layout tab.

Delete the overlay form data on the storage

1. Follow the step 2 to 4 of "Register the overlay form data on the storage" on page 55.

2. Click **Delete**. The Authentication dialog box appears.

3. Enter the password, and then click **OK**.
The Delete from Storage dialog box appears.

4. If you delete all overlay form data, click the **All** button, then click **Delete**. If you want to delete some specific data, click the **Selected** button, enter the form name in the Form Name edit box, then click **Delete**.

Note:

- ❏ *If you need the list of the registered overlay form data, click **Print List** to print it and confirm the form name. Also, if you need a sample print-out of the form data, enter the form name and click the **Print Sample** button.*

- ❏ *You can use the **Browse** button if the printer is connected through a network. Form names registered to the storage are displayed by clicking the **Browse** button.*

5. Click **Back**.

6. Click **OK**.

Printing the copy-protected document

This function allows you to print a document as a copy-protected document. When you try to copy a copy-protected document, "COPY" is printed several times on the document.

Note:

- ❏ *Epson will not guarantee to secure from information leakage and any other damage by using this function, nor hidden letters appear in all cases.*

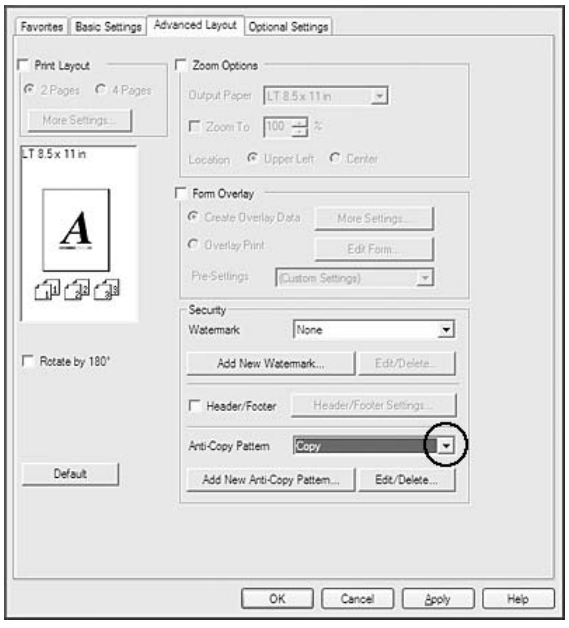
- ❏ *Screen-tone may be too dark, hidden letters may not be printed on the entire print, or hidden letters may not appear when photocopied depends on the models, settings, and combinations of photocopiers, fax machine, input device such as digital cameras and scanners, output device such as printers; printer driver settings of this product; condition of consumables such as toner and output paper type.*

For Windows users

Note:
*With this function, the Print Quality setting is changed to **Fine**, and the Toner Save setting is disabled. Monochrome Model Compatibility function and Form Overlay function are also disabled.*

1. Click the **Advanced Layout** tab.

2. Select **Copy** from the Anti-Copy Pattern drop-down list.



3. If you want to make detailed settings, click **Edit/Delete**, and make appropriate settings. For details about each setting, see online help.

4. Click **OK**.

Printing Multiple Print Jobs at Once

This function allows you to print several documents created by different applications at once arranging settings, such as the printing order, duplex, and the print layout.

1. Click the **Basic Settings** tab.

2. Select the **Print Job Arranger** check box.

3. Click **OK**.

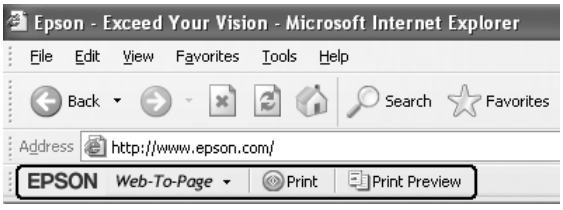
The Print Job Arranger screen appears when a print job is executed. Make appropriate settings. For details, see the Print Job Arranger help.

Printing Web Pages to Fit Your Paper Size

This function allows you to make Web pages fit to your paper size when printing. Install EPSON Web-To-Page from the printer Software Disc.

Note:
This software is not available for Windows 7, Vista, XP x64, Server 2008, and Server 2003.

After you install EPSON Web-To-Page, the menu bar is displayed on the Microsoft Internet Explorer Toolbar. If it does not appear, select **Toolbars** from the View menu of Internet Explorer, and then select **EPSON Web-To-Page**.



Using the Reserve Job Function

This function allows you to store print jobs on the printer's memory and to print them later directly from the printer's control panel. You can prevent the printed document from being looked at by other people by applying a password to the print job.

This function uses the following types of printer memory.

Printer's Storage	Description
CompactFlash	The optional CompactFlash memory must be installed on your printer in order to use the Reserve Job function. Make sure that the CompactFlash memory is correctly recognized by the printer driver before you start using the Reserve Job function. The CompactFlash memory must be at least 4 GB.
RAM Disk	An additional memory must be installed on your printer in order to use the Reserve Job function. To enable the RAM disk, you have to set the `RAM Disk` setting on the control panel to `Normal` or `Maximum`. For instructions about increasing your printer's memory, see "Installing a memory module" on page 125. After the memory module is installed, you must update the option information. See "Making Optional Settings" on page 175. When both CompactFlash memory and a RAM disk are installed, CompactFlash memory is given priority and makes the RAM disk unavailable.

The table below gives an overview of the Reserve Job options.

Reserve Job Option	Description
Re-Print Job	Lets you print the job now and store it on the printer's memory. You can print the same job several times.
Verify Job	Lets you print one copy now to verify the content. You can print multiple copies later.
Stored Job*	Lets you store the print job on the printer's memory without printing it now.
Confidential Job	Lets you apply a password to the print job. You can print the job entering the password on the printer's control panel.

* Not available when you use the RAM disk for the printer's memory.

Sending the print job

For Windows users

1. Click the **Optional Settings** tab, then click **Reserve Jobs Settings**. The Reserve Jobs Settings dialog box appears.

2. Select the **Reserve Job On** check box, then select **Re-Print Job**, **Verify Job**, **Stored Job**, or **Confidential Job**.

3. Enter a user name and job name in the corresponding text boxes. If you selected **Confidential Job**, enter a four-digit number in the password text box to set the password.

   Note:
   *If you want to create a thumbnail of the first page of a job, select the **Create a thumbnail** check box. Thumbnails can be accessed by entering http:// followed by the internal print server's IP address in a Web browser.*

4. Click **OK**.

   Note:
   The OK button becomes available after both the user name and job name have been entered.

If you selected **Re-print Job**, the printer prints your document. If you selected **Verify Job**, the printer prints one copy of your document.

To print or delete this data using the printer's control panel, see "Printing and Deleting Reserve Job Data" on page 106.

Chapter 3

Using the Control Panel

Using the Control Panel Menus

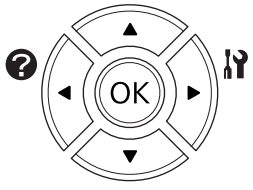
When to make control panel settings

In general, printer driver settings override settings made using the control panel.
You should make the following settings by using the control panel because these settings cannot be made in the printer driver.

- ❏ Settings to select emulation modes and IES (Intelligent Emulation Switching) mode
- ❏ Settings to specify a channel and configure the interface
- ❏ Settings to specify the size of the memory buffer used to receive data

How to access the control panel menus

1. Press the ▶ **Right** button to access the control panel menus.



2. Use the ▲ **Up** and ▼ **Down** buttons to scroll through the menus.
3. Press the ▶ **Right** button to view the items in a menu. Depending on the menu, the LCD panel displays an item and the current setting separated (▲▼YYYY=ZZZZ), or only an item (▲▼YYYY).
4. Use the ▲ **Up** and ▼ **Down** buttons to scroll through the items, or press the ◀ **Left** button to return to the previous level.

5. Press the ▶ **Right** button to carry out the operation indicated by an item, such as printing a configuration status sheet or resetting the printer, or to view the settings available for an item, such as paper sizes or emulation modes.

   Use the ▲ **Up** and ▼ **Down** buttons to scroll through available settings, then press the ▶ **Right** button to select a setting and return to the previous level. Press the ◀ **Left** button to return to the previous level without changing the setting.

   Note:
   - ❏ *You need to turn the printer off and then on to activate some settings. For details, see "Control Panel Menus" on page 63.*
   - ❏ *The **OK** button can be used instead of the ▶ **Right** button in step 3 or 5.*

6. Press the **Start/Stop** button to exit the control panel menus.

How to register menus as bookmarks

By registering bookmarks for frequently used menus, you can display the registered menus by just pressing the **OK** button while the LCD panel displays `Ready`.

Note:
The maximum number of menus you can register as bookmarks is 3.

1. Display the menu to register. For details, see "How to access the control panel menus" on page 61.

2. Press the **OK** button for more than two seconds.

   The `Add Bookmark` menu appears.

   Note:
   Some menus cannot be bookmarked. If you tried to register them, `Bookmark Failed` *is displayed.*

3. Press the ▲ **Up** and ▼ **Down** buttons to select the menu to delete, then press the ▶ **Right** button.

   Note:
   To register a new menu, you have to delete one of the registered menus from the bookmark.

   If `Bookmark Registered` is displayed, the menu is bookmarked successfully.

Note:
To restore the bookmark menus to the default values, select `SelecType Init` *from the control panel's* `Reset Menu`.

Control Panel Menus

Note:
Some menus and items appear only when a corresponding optional device is installed or an appropriate setting has been done.

Information Menu

Press the ▼ **Down** or ▲ **Up** button to select an item. Press the ▶ **Right** button to print a sheet or font sample.

Item	Values
Print Configuration Status Sheet	-
Print Supplies Status Sheet	-
Print Usage History Sheet	-
Reserve Job List*1	-
Form Overlay List*2	-
Network Status Sheet*3	-
AUX Status Sheet*4	-
USB ExtI/FStatusSht*5	-
PS3 Status Sheet	-
PS3 Font List	-
ROM A Information*6	-
PCL Font Sample	-
ESCP2 Font Sample	-
FX Font Sample	-

Item	Values
I239X Font Sample	-
Cyan(C) Toner/Magenta(M) Toner/Yellow(Y) Toner/Black(K) Toner	E******F to E F
Cyan(C) Photocon/Magenta(M) Photocon/Yellow(Y) Photocon/Black(K) Photocon	E******F to E F
Transfer Unit Life	E******F to E F
Fuser Unit Life	E******F to E F
Total Pages	0 to 99999999
Color Pages	0 to 99999999
Monochrome Pages	0 to 99999999

*1 Available only when the jobs are stored by using the Quick Print Job feature.

*2 This item appears only when Form Overlay data exists.

*3 Available only when the Network I/F setting in Network Menu is set to On.

*4 Available only when an optional interface card is installed.

*5 Available only when the printer is connected to a USB device with D4 support and has been turned on when the USB I/F setting is set to On.

*6 Available only when a ROM module is installed.

Print Configuration Status Sheet

Prints a sheet showing the current printer settings and installed options. This sheet can be useful to confirm whether option have been installed correctly.

Print Supplies Status Sheet

Prints a sheet showing information about consumables.

Print Usage History Sheet

Prints a sheet showing the history of the printer's usage.

Reserve Job List

Prints a list of reserved print jobs stored on the printer's memory.

Form Overlay List

Prints a list of the form overlays stored in the optional CompactFlash memory.

Network Status Sheet

Prints a sheet showing the working status of the network.

AUX Status Sheet

Prints a sheet showing the working status of the optional interface.

USB ExtI/FStatusSht

Prints a sheet showing the working status of the USB interface.

PS3 Status Sheet

Prints a sheet showing information about the PS3 mode such as the PS3 version.

PS3 Font List, PCL Font Sample, ESCP2 Font Sample, FX Font Sample, I239X Font Sample

Prints a sample of the fonts available for your selected printer emulation.

ROM A Information

Prints a sheet showing information about the memory installed in the ROM A slot.

Cyan(C) Toner/ Magenta(M) Toner/ Yellow(Y) Toner/ Black(K) Toner/ Cyan(C) Photocon/ Magenta(M) Photocon/ Yellow(Y) Photocon/ Black(K) Photocon/ Transfer Unit Life/ Fuser Unit Life

The number of asterisks (*) between “E” and “F” indicates the remaining service lives of consumables. If a non-genuine consumable is used, “?” is displayed instead of the indicator.

Total Pages

Displays the total number of pages printed by the printer.

Color Pages

Displays the total number of pages printed in color by the printer.

Monochrome Pages

Displays the total number of pages printed in black-and-white by the printer.

System Information Menu

The following information is displayed.

- ❏ Main Version
- ❏ MCU Version
- ❏ Serial No
- ❏ Memory
- ❏ MAC Address

Tray Menu

Item	Settings (default in bold)
MP Tray Size	A4 Portrait, **A4 Landscape**, A3, A5, A6, B4, B5, LT Portrait, LT Landscape, HLT, LGL, GLT, GLG, B, EXE, F4, MON, C10, DL, C5, C6, IB5, CTM
MP Type	**Plain**, SemiThk, Preprinted, Letterhead, Recycled, Color, Labels, Thick, ExtraThk, Coated, Envelope, Special
Cassette1 Size	A4 Portrait, A4 Landscape, A3, A5, B4, B5, LT Portrait, LT Landscape, LGL, B, CTM
Cassette2 Size*/ Cassette3 Size*/ Cassette4 Size*	A4 Portrait, A4 Landscape, A3, A5, B4, B5, LT Portrait, LT Landscape, LGL, B, CTM
Cassette1 Type	**Plain**, SemiThk, Preprinted, Letterhead, Recycled, Color, Labels, Thick, ExtraThk, Special
Cassette2 Type*/ Cassette3 Type*/ Cassette4 Type*	**Plain**, SemiThk, Preprinted, Letterhead, Recycled, Color, Labels, Thick, Special
Detect Cassette1 Size/Detect Cassette2 Size*/Detect Cassette3 Size*/Detect Cassette4 Size*	**On**, Off
MP Tray AutoSel	**On**, Off

Item	Settings (default in bold)
Cassette1 AutoSel/Cassette2 AutoSel*/Cassette3 AutoSel*/ Cassette4 AutoSel*	**On**, Off

* Available only when the optional paper cassette unit is installed.

MP Tray Size

Select your paper size from this menu.

MP Type

Lets you set the paper type loaded in the MP tray.

Cassette1 Size/ Cassette2 Size/ Cassette3 Size/ Cassette4 Size

Displays the paper size loaded in the standard and optional paper cassettes.

Cassette1 Type/ Cassette2 Type/ Cassette3 Type/ Cassette4 Type

Lets you select the paper type loaded in the standard and optional paper cassettes.

Detect Cassette1 Size/ Detect Cassette2 Size/ Detect Cassette3 Size/ Detect Cassette4 Size

Detects the paper size loaded in the standard and optional paper cassettes.

MP Tray AutoSel/ Cassette1 AutoSel/ Cassette2 AutoSel/ Cassette3 AutoSel/ Cassette4 AutoSel

Specifies whether the tray can be selected for printing when Paper Source is selected for Auto Selection in the printer driver.

Emulation Menu

Note:
You can specify different emulations for each interfaces.

Item	Settings (default in bold)
Parallel*	**Auto**, ESCP2, FX, I239X, PS3, PCL

Item	Settings (default in bold)
USB	**Auto**, ESCP2, FX, I239X, PS3, PCL
Network	**Auto**, ESCP2, FX, I239X, PS3, PCL
AUX*	**Auto**, ESCP2, FX, I239X, PS3, PCL

* Available only when an optional Type-B interface card is installed.

Printing Menu

Note:
The settings are overridden by the settings made in the printer driver.

Item	Settings (default in bold)
Page Size	**A4**, A3, A5, A6, B4, B5, LT, HLT, LGL, GLT, GLG, B, EXE, F4, MON, C10, DL, C5, C6, IB5, CTM*1
Wide A4	**Off**, On
Media Type	**Unspecified**, Plain, SemiThk, Preprinted, Letterhead, Recycled, Color, Labels, Thick, ExtraThk, Coated, Envelope, Special
Page Side	**Front**, Back
Paper Source	**Auto**, MP, Cassette1, Cassette2*2, Cassette3*2, Cassette4*2
Orientation	**Port**, Land
Resolution	300, **600**, 1200
RITech	**On**, Off
Toner Save	**Off**, On
Dot Correction	Off, **On**
Top Offset	-150.0 ... **0.0** ... 150.0mm in 0.5 increments
LeftOffset	-150.0 ... **0.0** ... 150.0mm in 0.5 increments
T Offset B*3	-150.0 ... **0.0** ... 150.0mm in 0.5 increments

Item	Settings (default in bold)
L Offset B*3	-150.0 ... **0.0** ... 150.0mm in 0.5 increments

*1 The minimum and maximum of custom paper sizes vary depending on the tray.
75 × 98 mm to 297 × 1200 mm for MP tray.
210 × 148 mm to 297 × 431.8 mm except paper bigger than 279.4 × 420 mm for lower paper cassette.

*2 Available only when the optional paper cassette unit is installed.

*3 Available only when the optional Duplex Unit is installed.

Page Size

Specifies the paper size.

Wide A4

Selecting `On` decreases the left and right margins to 3.4 mm.

Media Type

Specifies the paper type.

Page Side

Select `Front` when printing on the front of paper. Select `Back` when printing on the back of paper.

Paper Source

Specifies whether paper feeds into the printer from the MP tray, the standard paper cassette, or the optional paper cassette unit.

If you select `Auto`, paper feeds from the paper source containing paper that matches your Paper Size setting.

Orientation

Specifies whether the page is printed in portrait or landscape orientation.

Resolution

Specifies the printing resolution.

RITech

Turning RITech on produces smoother and crisper lines, text, and graphics.

Toner Save

When this setting is selected, the printer saves toner by substituting a gray shade for the black inside of characters. The characters are outlined in full black on the right and lower edges.

Dot Correction

Adjusts the weight of thin lines so they are printed clearly.

Top Offset

Makes fine adjustments to the vertical printing position of the page.

Caution:
Make sure that the printed image does not extend beyond the edge of the paper. Otherwise, you may damage the printer.

LeftOffset

Makes fine adjustments to the horizontal printing position of the page. This is useful for fine adjustments.

Caution:
Make sure that the printed image does not extend beyond the edge of the paper. Otherwise, you may damage the printer.

T Offset B

Adjusts the vertical printing position on the back of the paper when printing on both sides. Use this if the printout on the back is not where you expected.

L Offset B

Adjusts the horizontal printing position on the back of the paper when printing on both sides. Use this if the printout on the back is not where you expected.

Setup Menu

Item	Settings (default in bold)
Language	**English**, Français, Deutsch, Italiano, ESPAÑOL, SVENSKA, Dansk, Nederlands, SUOMI, Português, Norsk, CATALÀ, Русский, Türkçe, 中文, 繁體中文, 한국어
Time Out	0, 5 to **60** to 300 in increments of 1
MP Mode	**Normal**, Last
Manual Feed	**Off**, 1st Page, EachPage
Copies	**1** to 999
Duplex*1 *2	**Off**, On
Binding*1 *2	**Long Edge**, Short Edge
Start Page*1 *2	**Front**, Back
Skip Blank Page*3	**Off**, On
Auto Eject Page*4	**Off**, On
Size Ignore	**Off**, On
Auto Cont	**Off**, On
Page Protect*3	**Auto**, On
A4/LT Auto Switching	**On**, Off
Convert to Monochrome	**On**, Off
LCD Contrast	0 to **7** to 15
RAM Disk*1 *5	**Off**, Normal, Maximum
Confirm Media Type	**No**, Yes
Job Info.	Display Pattern 1, Display Pattern 2, Off

*1 Available only when the corresponding option is installed.

*2 Available only when you use A4, A3, A5, B4, B5, LT, LGL, GLG, B, or EXE size paper.

*3 Available only for ESC/Page, ESC/P2, FX, or I239X mode.

*4 Not available in PS3 and PCL.

*5 After this item is changed, the setting value takes effect after a warm boot or after the power is turned on again.

Language

Specifies the language displayed on the LCD panel and that printed on the status sheet.

Time Out

Specifies the length of the time, in seconds, before a time out when interfaces are being switched automatically. The time before a time out occurs is the length of time from the point when no data is being received from an interface until the point of switching the interface. If the printer has a print job when switching the interface, the printer prints the print job.

MP Mode

This setting determines whether the MP tray has the highest or lowest priority when **Auto** is selected as the Paper Source setting in the printer driver. When `Normal` is selected as the MP Mode, the MP tray has the highest priority as the paper source. If you select `Last`, the MP tray has the lowest priority.

Manual Feed

Allows you to select the manual feed mode for the MP tray.

Copies

Designates the number of copies to be printed, from 1 through 999.

Duplex

Turns duplex printing on or off. This allows you to print on both sides of a page.

Binding

Specifies the binding direction of the printout.

Start Page

Specifies whether duplex printing starts from the front or back of the page.

Skip Blank Page

Enables you to skip blank pages when printing. This setting is available when you print in the ESC/Page, ESCP2, FX, or I239X mode.

Auto Eject Page

Specifies whether or not to eject paper when the limit specified in the Time Out setting is reached. The default is Off, which means paper is not ejected when the time-out limit is reached.

Size Ignore

If you want to ignore a paper size error, select On. When you turn this item on, the printer keeps printing even if the image size exceeds the printable area for the specified paper size. This may cause smudges because of the toner that is not transferred onto the paper properly. When this item is turned off, the printer stops printing if a paper size error occurs.

Auto Cont

When you turn this setting on, the printer automatically continues printing after a certain period of time when one of the following errors occurs: Paper Set, Print Overrun, or Memory Overflow. When this option is off, you must press the **Start/Stop** button to resume printing.

Page Protect

Allocates additional printer memory for printing data, as opposed to receiving it. You may need to turn this setting on if you are printing a very complex page. If a Print Overrun error message appears on the LCD panel during printing, turn this setting on and reprint your data. This reduces the amount of memory reserved for processing data so your computer may take longer to send the print job, but it will allow you to print complex jobs. Page Protect usually works best when Auto is selected. You will need to increase your printer's memory if memory errors continue to occur.

Note:
Changing the Page Protect *setting reconfigures the printer's memory, which causes any downloaded fonts to be deleted.*

A4/LT Auto Switching

When A4 or Letter size paper is selected for printing and there is no paper of that size loaded, the printout is output in another size.

Convert to Monochrome

Enables you to print in black-and-white when the color toner cartridges have reached the end of their service lives.

LCD Contrast

Adjusts the contrast of the LCD panel. Use the ▲ **Up** and ▼ **Down** buttons to set the contrast between 0 (lowest contrast) and 15 (highest contrast.)

RAM Disk

Specifies the RAM disk size available for the Reserve Job function. See the table below for details.

Optional RAM capacity (Total RAM capacity)	RAM Disk setting		
	Off	Normal	Maximum
0 MB (Total 256 MB)	Disabled	16 MB	16 MB
128 MB (Total 384 MB)		64 MB	128 MB
256 MB (Total 512 MB)		128 MB	256 MB
512 MB (Total 768 MB)		256 MB	512 MB
1024 MB (Total 1024 MB)		384 MB	768 MB

Confirm Media Type

Displays a message when the paper type in the tray selected for printing is different from that selected on Paper Type in the printer driver.

Job Info.

Displays job information on the control panel, also skipping and canceling printing jobs can be done with this setting. The pattern of items displayed on the control panel can be selected from `Display Pattern 1` and `Display Pattern 2`. Do not select `Display Pattern 1` when the following languages are selected as `Language` on `Setup Menu`: **Norsk**, **CATALÀ**, **Русский**, **Türkçe**, 中文, 繁體中文, 한국어.

Reset Menu

Clear Warning

Clears warning messages that show errors except for these that occur from consumable products or mandatory-replacement parts.

Clear All Warnings

Clears all warning messages that appear on the LCD panel.

Reset

Stops printing and clears the current job received from the active interface. You may want to reset the printer when there is a problem with the print job itself and the printer cannot print successfully.

Reset All

Stops printing, clears the printer memory. The print jobs received from all interfaces are erased.

Note:
Performing`Reset All`* clears print jobs received from all interfaces. Be careful not to interrupt someone else's job.*

SelecType Init

Restores the control panel menu settings to their default values.

Quick Print JobMenu

This menu allows you to print or delete print jobs that were stored in the printer's memory using the Quick Print Job feature (Re-Print Job, Verify Job, Stored Job) of the printer driver's Reserve Job function. For instructions on using this menu, see "Using the Quick Print Job Menu" on page 106.

ConfidentialJobMenu

This menu allows you to print or delete print jobs stored in the printer's memory using the Confidential Job feature of the printer driver's Reserve Job function. You need to enter the correct password to access this data. For instructions on using this menu, see "Using the Confidential Job Menu" on page 107.

Clock Menu

Item	Settings (default in bold)
Local Time Diff.	-13:59 … **0:00** … +13:59
Time Setting	2000/ 01/01 00:00 to 2099/12/31 23:59
Date Format	**DD/MM/YY**, MM/DD/YY, YY/MM/DD

Local Time Diff.

Specifies the current date and time by entering the time difference from Greenwich Mean time.

Time Setting

Specifies the current date and time by entering them directly.

Date Format

Specifies the format to display the date.

Parallel Menu

These settings control communication between the printer and the computer when using the parallel interface.

Item	Settings (default in bold)
Parallel I/F*	**On**, Off
Speed*	**Fast**, Normal
Bi-D*	**ECP**, Off, Nibble
Buffer Size*	**Normal**, Maximum, Minimum

* After this item is changed, the setting value takes effect after a warm boot or after the power is turned on again. While it is reflected in the Status Sheet and EJL read-back, the actual change takes effect after a warm boot or after the power is turned on again.

Parallel I/F

Allows you to activate or deactivate the parallel interface.

Speed

Specifies the pulse width of the ACKNLG signal when receiving data in the Compatibility mode or Nibble mode. When `Fast` is selected, the pulse width is about 1 µs. When `Normal` is selected, the pulse width is about 10 µs.

Bi-D

Allows you to specify the bidirectional communication mode. When you select `Off`, bidirectional communication is disabled.

Buffer Size

Determines the amount of memory to be used for receiving data and printing data. If `Maximum` is selected, more memory is allocated for receiving data. If `Minimum` is selected, more memory is allocated for printing data.

Note:

- ❏ *To activate `Buffer Size` settings, you must turn off the printer for more than five seconds then turn it back on. Or, you can perform a `Reset All` operation, as explained in "Reset Menu" on page 74.*
- ❏ *Resetting the printer erases all print jobs. Make sure the Ready light is not flashing when you reset the printer.*

USB Menu

Item	Settings (default in bold)
USB I/F*1	**On**, Off
USB Speed*1 *2	**HS**, FS
Get IPAddress*2 *3	Auto, PING, Panel
IP*2 *3 *4 *5	0.0.0.1 to 255.255.255.254
SM*2 *3	0.0.0.0 to 255.255.255.255
GW*2 *3	0.0.0.0 to 255.255.255.255
NetWare*2 *3	On, Off
AppleTalk*2 *3	On, Off
MS Network*2 *3	On, Off
Bonjour*2 *3	On, Off
USB ExtI/F Init*2 *3	-

Item	Settings (default in bold)
Buffer Size*1 *2	**Normal**, Maximum, Minimum

*1 After this item is changed, the setting value takes effect after a warm boot or after the power is turned on again. While it is reflected in the Status Sheet and EJL read-back, the actual change takes effect after a warm boot or after the power is turned on again.

*2 Available only when USB I/F is set to On.

*3 Available only when a USB external device with D4 support is connected. The contents of the settings depend on the USB external device settings.

*4 If the Get IPAddress setting is set to Auto, this setting cannot be changed.

*5 When the Get IPAddress setting is changed from Panel or PING to Auto, the panel setting values are saved. Then Auto is changed back to Panel or PING, the saved setting values are displayed. The value is set to 192.168.192.168 if the settings are not made from the panel.

USB I/F

Allows you to activate or deactivate the USB interface.

USB Speed

Allows you to select the operation mode of USB interface. Selecting HS is recommended. Select FS if HS does not work on your computer system.

Buffer Size

Determines the amount of memory to be used for receiving data and printing data. If Maximum is selected, more memory is allocated for receiving data. If Minimum is selected, more memory is allocated for printing data.

Note:

- ❏ *To activate Buffer Size settings, you must turn off the printer for more than five seconds then turn it back on. Or, you can perform a Reset All operation, as explained in "Reset Menu" on page 74.*
- ❏ *Resetting the printer erases all print jobs. Make sure the **Ready** light is not flashing when you reset the printer.*

Network Menu

See the *Network Guide* for each setting.

AUX Menu

See the *Network Guide* for each setting.

PCL Menu

These settings are available in the PCL mode.

Item	Settings (default in bold)
FontSource	**Resident**, Download*1
Font Number	**0**… 65535 (depending on your settings)
Pitch*2	0.44 … **10.00** … 99.99cpi in 0.01cpi increment
Height*2	4.00 … **12.00** … 999.75pt in 0.25pt increment
SymSet	**IBM-US**, Roman-8, Roman-9, ECM94-1, 8859-2 ISO, 8859-9 ISO, 8859-10ISO, 8859-15ISO, PcBlt775, IBM-DN, PcMultiling, PcE.Europe, PcTk437, PcEur858, Pc1004, WiAnsi, WiE.Europe, WiTurkish, WiBALT, DeskTop, PsText, VeInternati, VeUS, MsPublishin, Math-8, PsMath, VeMath, PiFont, Legal, UK, ANSI ASCII, Swedis2, Italian, Spanish, German, Norweg1, French2, Windows, McText, Hebrew7, 8859-8 ISO, Hebrew8, Arabic8, OCR A, OCR B, Pc866Cyr, Pc866Ukr, WinCyr, ISOCyr, Pc8Grk, Pc851Grk, WinGrk, ISOGrk, Greek8, Pc862Heb, Pc864Ara, HPWARA
Form	5 … **64** … 128Lines
CR Function	**CR**, CR+LF
LF Function	**LF**, CR+LF
Tray Assign	**4K**, 5S, 4

*1 Available only when downloaded fonts are available.

*2 Depending on the font that has been selected.

FontSource

Sets the default font source.

Font Number

Sets the default font number for the default font source. The available number depends on the settings you made.

Pitch

Specifies the default font pitch if the font is scalable and of fixed-pitch. You can select from 0.44 to 99.99 cpi (characters per inch), in 0.01-cpi increments. This item may not appear depending on the FontSource or Font Number settings.

Height

Specifies the default font height if the font is scalable and proportional. You can select from 4.00 to 999.75 points, in 0.25-point increments. This item may not appear depending on the FontSource or Font Number settings.

SymSet

Selects the default symbol set. If the font you selected in FontSource and Font Number is not available in the new SymSet setting, the FontSource and the Font Number settings are automatically replaced with the default value, IBM-US.

Form

Selects the number of lines for the selected paper size and orientation. This also causes a line spacing (VMI) change, and the new VMI value is stored in the printer. This means that later changes in the Page Size or Orientation settings cause changes in the Form value, based on the stored VMI.

CR Function, LF Function

These functions are included for users of particular operating systems, such as UNIX.

Tray Assign

Changes the assignment for the paper source select command. When 4 is selected, the commands are set as compatible with the HP LaserJet 4. When 4K is selected, the commands are set as compatible with the HP LaserJet 4000, 5000, and 8000. When 5S is selected, the commands are set as compatible with the HP LaserJet 5S.

PS3 Menu

Item	Settings (default in bold)
Error Sheet	**Off**, On
Coloration	**Color**, Mono
Image Protect	**On**, Off

Item	Settings (default in bold)
Binary	**Off**, On
Text Detection	**Off**, On
PDF Page Size	Auto, **A4**, A3, A5, A6, B4, B5, LT, HLT, LGL, GLT, GLG, B, EXE, F4, MON, C10, DL, C5, C6, IB5

Error Sheet

When you select On, the printer prints out an error sheet when an error occurs in the PS3 mode or when the PDF file you tried to print is not a supported version.

Coloration

Allows you to select the color printing or black-and-white printing mode.

Image Protect

When On is selected, the print quality is not reduced even with insufficient memory. In that case, Memory Overflow is displayed and the printing is stopped.
When Off is selected, the print quality is reduced with insufficient memory. In that case, Image Optimum is displayed and the printing is continued.

Binary

Specifies the data format. Select On for the Binary data and select Off for the ASCII data.

Note:
❏ *Binary can only be used with network connection.*

❏ *You do not have to select On when using AppleTalk.*

To use the Binary data, make sure your application supports Binary data and that **SEND CTRL-D Before Each Job** and **SEND CTRL-D After Each Job** are set to **No**.

When this setting is set to On, you cannot use TBCP (Tagged binary communication protocol) in the printer driver settings.

Text Detection

When you select On, the text file is converted to a PostScript file when printing. This setting is available only when you select PS3 in the Emulation Menu.

PDF Page Size

Specifies the paper size when you send the PDF file directory from a computer or some other device. If Auto is selected, the paper size is determined based on the size of the first page that is printed.

ESCP2 Menu

Item	Settings (default in bold)
Font	**Courier**, Prestige, Roman, Sans serif, Roman T, Orator S, Sans H, Script, OCR A, OCR B
Pitch	**10**, 12, 15cpi, Prop.
Condensed	**Off**, On
T.Margin	0.40 ... **0.50** ... 1.50inch in 0.05-inch increments
Text	1... **66** ... 132Lines
CGTable	**PcUSA**, Italic, PcMultilin, PcPortugue, PcCanFrenc, PcNordic, PcTurkish2, PcIcelandic, PcE.Europe, BpBRASCII, BpAbicomp, Roman-8, PcEur858, ISO Latin1, 8859-15ISO, PcSl437, PcTurkish1, 8859-9 ISO, Mazowia, CodeMJK, PcGk437, PcGk851, PcGk869, 8859-7 ISO, PcCy855, PcCy866, PcUkr866, PcLit771, Bulgarian, Hebrew7, Hebrew8, PcHe862, PcAr864, PcAr864Ara, PcAr720, PcLit774, Estonia, ISO Latin2, PcLat866
Country	**USA**, France, Germany, UK, Denmark, Sweden, Italy, Spain1, Japan, Norway, Denmark2, Spain2, LatinAmeric, Korea, Legal
Auto CR	**On**, Off
Auto LF	**Off**, On
Bit Image	**Dark**, Light, BarCode
ZeroChar	**0**, (or the zero character with a slash)

Font

Selects the font.

Pitch

Selects the pitch (the horizontal spacing) of the font in fixed pitch, measured in cpi (characters per inch). You can also choose proportional spacing.

Condensed

Turns condensed printing on or off.

T.Margin

Sets the distance from the top of the page to the baseline of the first printable line. The distance is measured in inches. The smaller the value, the closer the printable line is to the top.

Text

Sets the page length in lines. For this option, a line is assumed to be 1 pica (1/6 inch). If you change the `Orientation`,`Page Size`, or `T.Margin` settings, the page length setting automatically returns to the default for each paper size.

CGTable

Use the character generator (CG) table option to select the graphics character table or the italics table. The graphics table contains graphic characters for printing lines, corners, shaded areas, international characters, Greek characters, and mathematical symbols. If you select `Italic`, the upper half of the character table is defined as italic characters.

Country

Use this option to select one of the fifteen international symbol sets. See the *Font Guide* for samples of the characters in each country's symbol set.

Auto CR

Specifies whether the printer performs a carriage-return/line-feed (CR-LF) operation whenever the printing position goes beyond the right margin. If you select `Off`, the printer does not print any characters beyond the right margin and does not perform any line wrapping until it receives a carriage-return character. This function is handled automatically by most applications.

Auto LF

If you select `Off`, the printer does not send an automatic line-feed (LF) command with each carriage-return (CR). If `On` is selected, a line-feed command is sent with each carriage-return. Select `On` if your text lines overlap.

Bit Image

The printer is able to emulate the graphics densities set with the printer commands. If you select `Dark`, the bit image density is high, and if you select `Light`, the bit image density is low.

If you select BarCode, the printer converts bit images to bar codes by automatically filling in any vertical gaps between dots. This produces unbroken vertical lines that can be read by a bar code reader. This mode will reduce the size of the image being printed, and may also cause some distortion when printing bit image graphics.

ZeroChar

Specifies whether the printer prints a slashed or unslashed zero.

FX Menu

Item	Settings (default in bold)
Font	**Courier**, Prestige, Roman, Sans serif, Script, Orator S, OCR A, OCR B
Pitch	**10**, 12, 15cpi, Prop.
Condensed	**Off**, On
T.Margin	0.40 ... **0.50** ... 1.50inch in 0.05-inch increments
Text	1... **66** ... 132Lines
CGTable	**PcUSA**, Italic, PcMultilin, PcPortugue, PcCanFrenc, PcNordic, PcTurkish2, PcIcelandic, PcE.Europe, BpBRASCII, BpAbicomp, Roman-8, PcEur858, ISO Latin1, 8859-15ISO
Country	**USA**, France, Germany, UK, Denmark, Sweden, Italy, Spain1, Japan, Norway, Denmark2, Spain2, LatinAmeric
Auto CR	**On**, Off
Auto LF	**Off**, On
Bit Image	**Dark**, Light, BarCode
ZeroChar	**0**, (or the zero character with a slash)

Font

Selects the font.

Pitch

Selects the pitch (the horizontal spacing) of the font in fixed pitch, measured in cpi (characters per inch). You can also choose proportional spacing.

Condensed

Turns condensed printing on or off.

T.Margin

Sets the distance from the top of the page to the baseline of the first printable line. The distance is measured in inches. The smaller the value, the closer the printable line is to the top.

Text

Sets the page length in lines. For this option, a line is assumed to be 1 pica (1/6 inch). If you change the Orientation, Page Size, or T.Margin settings, the page length setting automatically returns to the default for each paper size.

CGTable

Use the character generator (CG) table option to select the graphics character table or the italics table. The graphics table contains graphic characters for printing lines, corners, shaded areas, international characters, Greek characters, and mathematical symbols. If you select Italic, the upper half of the character table is defined as italic characters.

Country

Use this option to select one of the thirteen international symbol sets. See the *Font Guide* for samples of the characters in each country's symbol set.

Auto CR

Specifies whether the printer performs a carriage-return/line-feed (CR-LF) operation whenever the printing position goes beyond the right margin. If you select Off, the printer does not print any characters beyond the right margin and does not perform any line wrapping until it receives a carriage-return character. This function is handled automatically by most applications.

Auto LF

If you select Off, the printer does not send an automatic line-feed (LF) command with each carriage-return (CR). If On is selected, a line-feed command is sent with each carriage-return. Select On if your text lines overlap.

Bit Image

The printer is able to emulate the graphics densities set with the printer commands. If you select Dark, the bit image density is high, and if you select Light, the bit image density is low.

If you select BarCode, the printer converts bit images to bar codes by automatically filling in any vertical gaps between dots. This produces unbroken vertical lines that can be read by a bar code reader. This mode will reduce the size of the image being printed, and may also cause some distortion when printing bit image graphics.

ZeroChar

Selects whether the printer prints a slashed or unslashed zero.

I239X Menu

The I239X mode emulates IBM® 2390/2391 Plus commands.

These settings are available only when the printer is in the I239X mode.

Item	Settings (default in bold)
Font	**Courier**, Prestige, Gothic, Orator, Script, Presentor, Sans serif
Pitch	**10**, 12, 15, 17, 20, 24cpi, Prop.
Code Page	**437**, 850, 858, 860, 863, 865
T.Margin	0.30 ... **0.40** ...1.50inch in 0.05-inch increments
Text	1 ... **67** ... 132Lines
Auto CR	**Off**, On
Auto LF	**Off**, On
Alt. Graphics	**Off**, On
Bit Image	**Dark**, Light
ZeroChar	**0**, (or the zero character with a slash)
CharacterSet	1, **2**

Font

Selects the font.

Pitch

Selects the pitch (the horizontal spacing) of the font in fixed pitch, measured in cpi (characters per inch). You can also choose proportional spacing.

Code Page

Selects the character tables. Character tables contain the characters and symbols used by different languages. The printer prints text based on the selected character table.

T.Margin

Sets the distance from the top of the page to the baseline of the first printable line. The distance is measured in inches. The smaller the value, the closer the printable line is to the top.

Text

Sets the page length in lines. For this option, a line is assumed to be 1 pica (1/6 inch). If you change the `Orientation`,`Page Size`, or `T.Margin` settings, the page length setting automatically returns to the default for each paper size.

Auto CR

Specifies whether the printer performs a carriage-return/line-feed (CR-LF) operation whenever the printing position goes beyond the right margin. If this setting is off, the printer does not print any characters beyond the right margin and does not perform any line wrapping until it receives a carriage-return character. This function is handled automatically by most applications.

Auto LF

If you select `Off`, the printer does not send an automatic line-feed (LF) command with each carriage-return (CR). If `On` is selected, a line-feed command is sent with each carriage-return. Select `On` if your text lines overlap.

Alt. Graphics

Turns the Alternate Graphics option on or off.

Bit Image

The printer is able to emulate the graphics densities set with the printer commands. If you select `Dark`, the bit image density is high, and if you select `Light`, the bit image density is low.

If you select BarCode, the printer converts bit images to bar codes by automatically filling in any vertical gaps between dots. This produces unbroken vertical lines that can be read by a bar code reader. This mode will reduce the size of the image being printed, and may also cause some distortion when printing bit image graphics.

ZeroChar

Selects whether the printer prints a slashed or unslashed zero.

CharacterSet

Selects character table 1 or 2.

Password Config Menu

Item	Settings (default in bold)
Password Config*	-
Limitation	**Disable**, Interface, Config, All

* The default password is blank. You can enter up to 20 characters for the password.

Password Config

Changes the password. Enter the old password first and then enter the new password twice.

To enter the password, press the ▼ **Down** or ▲ **Up** button to select the character and press the ▶ **Right** button to determine the character. After all characters are determined, press the **OK** button.

Limitation

Changes the restriction range. When Interface is selected, the password is required to change the settings in the USB and Network menus. When Config is selected, the password is required to enter Quick Print JobMenu or ConfidentialJobMenu, or to change the settings in all menus. When All is selected, the password is required to enter Quick Print JobMenu or ConfidentialJobMenu, or to change the settings and to perform the items in all menus. Before changing the setting, you have to enter the password set in the Password Config setting.

Energy Saver Menu

Item	Settings (default in bold)
Preheat Mode	**Off**, On
Time to Preheat	**1Min**, 3Min, 5Min, 15Min, 30Min, 60Min
Time to Sleep	**1Min**, 3Min, 5Min, 15Min, 30Min, 60Min
Deep Sleep Mode*1 *2	On, **Off**
Power Off Timer*3	**On**, Off
Time to Off*1	30, 60, 120, 180, 240, 360, **480**Min
Timer Setting	**Off**, On
Start*4	0:00...**8:00**...23:59
Stop*4	0:00...**18:00**...23:59
Day*4	Cancel Selection, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

*1 Not available in PS3.

*2 Not available when a USB cable is connected or an optional interface card is installed.

*3 If EU is not selected as the Region Setting for the initial settings, the default value is Off.

*4 Available only when Timer Setting is set to On.

Preheat Mode

When this setting is set to On, the printer enters the preheat mode and reduces power consumption. In this mode, the printer returns to the ready status faster than from sleep mode or deep sleep mode, but uses more power.

Time to Preheat

Specifies the length of the time until the printer enters the preheat mode when the Preheat Mode is set to On. The printer does not enter the preheat mode if the specified time in Time to Preheat is the same as or longer than that of Time to Sleep.

Time to Sleep

Specifies the length of the time until the printer enters the sleep mode or deep sleep mode if there are no button operations and no jobs to be printed.

Deep Sleep Mode

When this setting is set to On, the printer switches into the deep sleep mode at the time specified in the Time to Sleep setting if the printer is not operated or receives no jobs. In the deep sleep mode, the **Wake Up/Sleep** button lights and more power is saved than when in the sleep mode. The printer switches to the deep sleep mode only when the AppleTalk, WSD, IPv6, and IPSec settings in Network Menu and RAM Disk in Setup Menu are set to Off.

To recover from the deep sleep mode, press the **Wake Up/Sleep** button. The printer recovers automatically when it receives a print job.

Power Off Timer (Power Off mode)

When this setting is set to On, the printer switches into the power off mode at the time specified in the Time to Off setting. The printer does not enter the power off mode if it is receiving or sending data. The power off mode consumes about 0.2 W by disabling almost all operations. In the power off mode, the **Wake Up/Sleep** button blinks.

The printer recovers from the power off mode at the time specified in the Start setting, or if you pressed the **Wake Up/Sleep** button.

Time to Off

Specifies the length of the time until the printer enters the power off mode if there are no button operations and no jobs to be printed.

Timer Setting

When this setting is set to On, the printer enters or recovers from the power off mode at specified times.

Start

Specifies the time when the printer recovers from the power off mode.

Stop

Specifies the time when the printer enters the power off mode.

Day

Specifies the days when the timer setting is enable.

Support Menu

Enter the Support Mode by pressing the ▼ **Down** button while turning the printer on, to make `Support Menu` and `Printer Adjust Menu` appear.

⚠ ***Caution:***

- ❏ *Select only the items below from the* `Support Menu`*. Do not select any items on the* `Printer Adjust Menu`*.*
- ❏ *When formatting the CompactFlash or deleting the data, unplug the interface cables and do not print files.*

Format CompactFlash

Formats the CompactFlash memory in the printer if a CompactFlash memory is installed.

Format PS3 CompactFlash

Formats the CompactFlash area where PostScript information is stored if a CompactFlash memory is installed.

Delete All CompactFlash Data

Deletes all data in the CompactFlash memory if a CompactFlash memory is installed.

Bookmark Menu

The bookmark menu appears by pressing the **OK** button while the LCD panel displays `Ready`.
In the bookmark menu, the bookmarked setting items are listed and you can select one of them.
The following menus are bookmarked by default.

- ❏ Reset Menu
- ❏ MP Tray Size
- ❏ System Information

To register the menus in bookmark, see "How to register menus as bookmarks" on page 62 for details.

Status and Error Messages

This section contains a list of error messages shown on the LCD panel, a brief description of each message and suggestions for correcting the problem. Note that not every message shown on the LCD panel indicates a problem. When the ▲▼ mark is displayed at the right of the warning/error message, multiple warnings/errors occur. To confirm all warnings that occur, press the ▼ **Down** button to display the `Status Menu`, then press the ▶ **Right** button. The LCD panel also displays the remaining service life of the consumables and available paper sizes.

Bookmark Failed

The selected menu cannot be registered as a bookmark. Some menus cannot be registered as bookmarks.

Bookmark Registered

The selected menu is registered as a bookmark.

Cancel All Print Job

The printer is canceling all print jobs in the printer memory, including jobs the printer is currently receiving or printing. This message appears when the **II·🗑 Pause/Cancel** button has been pressed down for more than 2 seconds.

Cancel Print Job

The printer is canceling the current print job. This message appears when the **II·🗑 Pause/Cancel** button has been pressed and released within 2 seconds.

Cancel Print Job (by host)

The print job is canceled at the printer driver.

Can't Print

The print data is deleted because it is incorrect.

Make sure the appropriate paper size and printer driver are used.

Can't Print Duplex

The printer has encountered problems during duplex printing. Make sure you are using an appropriate type and size of paper for the duplex printing. The problem could also be a result of incorrect settings for the paper source you are using. Pressing the **Start/Stop** button will print the rest of the print job on only one side of the paper. Press the **Pause/Cancel** button to cancel the print job.

Can't Use Bookmark

The registered menu cannot be used because the menu is disabled by changing any settings after registered the menu in bookmark.

Cassette Error yyy

Too many optional paper cassette units are installed to the printer. Up to three units can be installed.

Cassette2 Error yyy/ Cassette3 Error yyy/ Cassette4 Error yyy

An inappropriate optional paper cassette unit is installed.

CF CHECK

The printer is checking the CompactFlash memory.

Check Paper Size

The paper size setting is different from the size of paper loaded in the printer. Check to see if the correct size of paper is loaded in the specified paper source.

To clear this error, select `Clear Warning` from the control panel's `Reset Menu`. See "How to access the control panel menus" on page 61 for instructions.

Check Paper Type

The paper loaded in the printer does not match the paper type setting in the printer driver. Paper that matches only the paper size setting will be used for printing.

To clear this error, select `Clear Warning` from the control panel's `Reset Menu`. See "How to access the control panel menus" on page 61 for instructions.

Clear paper jam and then reload wwww

The location where the paper jam occurred is displayed at `WWWWW`. `WWWWW` indicates the location of the error.

If a paper jam occurs at two or more locations simultaneously, the corresponding multiple locations are displayed.

For details about clearing paper jam, see "Clearing Jammed Paper" on page 148.

Close Cover wwww

The specified cover (wwww) does not close securely. Open the cover once, and then close.

Collate Disabled

Printing by specifying the number of copies is no longer possible due to a lack of memory (RAM). If this error occurs, print only one copy at a time.

To clear this error, select Clear Warning from the control panel's Reset Menu. See "How to access the control panel menus" on page 61 for instructions.

CompactFlash Error

The installed CompactFlash memory is not supported by the printer or you selected No when the Format Required was displayed on the control panel. Turn off the printer and remove the CompactFlash memory. If Format Required is displayed on the control panel, select Yes.

CompactFlash Full

The optional CompactFlash memory is full and you cannot save any data. Delete the unnecessary data from the CompactFlash memory. To clear this error, select Clear Warning from the control panel's Reset Menu. For instruction about accessing the control panel menus, see "How to access the control panel menus" on page 61.

Cooling Down

The printer is cooling down. This is not an error message, and will clear itself.

Correct time using Time Setting

The current time setting is reset because you did not connect the power cord for a long time. To clear this error, select Time Setting from Clock Menu and specify the current date and time.

Dev Unit uuuu Needed Soon

This message indicates that the development unit is near the end of its service life. You can continue to print until the Replace Dev Unit uuuu message appears.

To clear this warning message and continue printing, select Clear All Warnings from the control panel's Reset Menu. For instruction about accessing the control panel menus, see "How to access the control panel menus" on page 61.

DM Error yyy

An inappropriate Duplex Unit is installed. Remove the Duplex Unit.

Duplex Memory Overflow

There is not enough memory for duplex printing. The printer prints only on the front and ejects the paper. To clear this error, follow the instructions below.

If Off is selected as the Auto Cont setting on the control panel's Setup Menu, press the **Start/Stop** button to print on the back of the next sheet, or press the **Pause/Cancel** button to cancel the print job.

If On is selected as the Auto Cont setting on the control panel's Setup Menu, printing continues automatically after a certain period of time.

Feed Roller MP Needed Soon, Feed Roller C1 Needed Soon, Feed Roller C2 Needed Soon, Feed Roller C3 Needed Soon, Feed Roller C4 Needed Soon

This message indicates that the feed roller C2, C3, or C4 is near the end of its service life. You can continue to print until the Replace Feed Roller MP, Replace Feed Roller C1, Replace Feed Roller C2, Replace Feed Roller C3, or Replace Feed Roller C4 message appears.

To clear this warning message and continue printing, select Clear All Warnings from the control panel's Reset Menu. For instruction about accessing the control panel menus, see "How to access the control panel menus" on page 61.

Form Data Canceled

Unable to store form overlay data on the optional CompactFlash memory. Either the CompactFlash memory is not installed correctly, or the maximum number of form overlay files has been reached. Confirm that the optional CompactFlash memory is installed correctly, or delete any form overlay files you no longer need, and then try storing the new overlay again.

To clear this error, select Clear Warning from the control panel's Reset Menu. For instruction about accessing the control panel menus, see "How to access the control panel menus" on page 61.

Form Feed

The printer is ejecting paper due to a user request. This message appears when pressing the **Start/Stop** button once to make the printer offline, then holding down the **Start/Stop** button for more than 2 seconds in order not to receive form feed command.

Format Error ROM A

An unformatted ROM module has been inserted.

To clear this error, either press the **Start/Stop** button or turn off the printer and remove the ROM module, then reinstall the ROM module. If that fails to clear the error, contact your dealer.

Format Required

The installed CompactFlash memory needs to be formatted to use it with the printer.

Select `Yes` to format the memory, or select `No` to cancel formatting. If you select `No`, `CompactFlash Error` is displayed and you cannot use the memory for the printer. In that case, turn off the printer and remove the CompactFlash memory.

Formatting CF

The CompactFlash memory is being formatted.

Fuser Needed Soon

This message indicates that the fuser unit is near the end of its service life. You can continue to print until the `Replace Fuser` message appears.

To clear this warning message and continue printing, select `Clear All Warnings` from the control panel's `Reset Menu`. For instruction about accessing the control panel menus, see "How to access the control panel menus" on page 61.

Image Optimum

There is insufficient memory to print the page at the specified print quality. The printer automatically lowers the print quality so that it can continue printing. If the quality of the printout is not acceptable, try simplifying the page by limiting the number of graphics or reducing the number and size of fonts.

To clear this error, select `Clear Warning` from the control panel's `Reset Menu`. See "How to access the control panel menus" on page 61 for instructions.

You may need to increase the amount of printer memory to be able to print at the desired print quality for your document. For more information on adding memory, see “Memory Module” on page 125.

Install Cassette1/ Install Cassette2/ Install Cassette3

The lower paper cassette is not installed. Install the indicated cassette.

Install Fuser

The fuser unit is not installed correctly. Consult your dealer.

Install Photocon uuuu

The wrong photoconductor unit is installed in the indicated color position in the printer or the position is empty. (The letters C, M, Y, or K appear in place of uuuu and indicate the colors Cyan, Magenta, Yellow, and Black respectively.)
Install the indicated cartridges. See “Replacing Consumable Products” on page 134.

Install uuuu Toner Cartridge

The wrong toner cartridge is installed in the indicated color toner cartridge position in the printer or the position is empty. (The letters C, M, Y, or K appear in place of uuuu and indicate the colors Cyan, Magenta, Yellow, and Black respectively.)
Install the indicated cartridges. See “Replacing Consumable Products” on page 134.

Invalid AUX I/F Card

This message means that the printer cannot communicate with the installed optional interface card. Turn off the printer, remove the card, then reinstall it.

Invalid Data

The spool file on the driver is deleted while printing or the data is abnormal. Press the **Start/Stop** button to clear the error.

Invalid N/W Module

There is no network program, or the network program cannot be used with your printer. Contact a qualified service representative.

Invalid PS3

There are errors in the ROM module. Turn off the printer and contact your dealer.

Invalid ROM A

The printer cannot read the installed optional ROM module. Turn off the printer, then remove the ROM module.

Invalid Size Cassette1/ Invalid Size Cassette2/ Invalid Size Cassette3/ Invalid Size Cassette4

The printer cannot detect the paper size. Adjust the paper guide on the paper tray correctly.

Jam Paper Size Error

The paper jam occurred because the loaded paper size is different from the specified paper size. Remove the jammed paper. See "Clearing Jammed Paper" on page 148 for instructions on removing the jammed paper.

Maintenance Unit Needed Soon

This message indicates that the maintenance unit is near the end of its service life. You can continue to print until the `Replace Maintenance Unit` message appears.

To clear this warning message and continue printing, select `Clear All Warnings` from the control panel's `Reset Menu`. For instruction about accessing the control panel menus, see "How to access the control panel menus" on page 61.

Manual Feed ssss

The manual feed mode is specified for the current print job. Make sure the paper size indicated by `ssss` is loaded, then press the **Start/Stop** button.

Memory Overflow

The printer has insufficient memory to execute the current task. Press the **Start/Stop** button on the control panel to resume printing, or press the **Pause/Cancel** button to cancel the print job.

Need Memory

The printer has insufficient memory to complete the current print job.

To clear this error message, select `Clear Warning` from the control panel's `Reset Menu`. See"How to access the control panel menus" on page 61 for instructions.

To prevent this problem from recurring, add more memory to your printer as described in “Memory modules” on page 199, or reduce the resolution of the image to be printed.

No trays available Press Cancel Job

All of the `MP Tray AutoSel`, `Cassette1 AutoSel`, `Cassette2 AutoSel`, `Cassette3 AutoSel`, and `Cassette4 AutoSel` settings in `Tray Menu` are set to `Off`, so the printer cannot feed paper. Press the **Pause/Cancel** button to cancel the print job. To continue printing, specify the paper source on the printer driver, or set the above settings in `Tray Menu` to `On`.

Non-Genuine Toner Cartridge

The installed toner cartridge is not a genuine Epson product. Installing a genuine toner cartridge is recommended. The printout and remaining service life of each toner cartridge displayed on the control panel may be different from those when using genuine Epson toner cartridges. Epson shall not be liable for any damages or problems arising from the use of consumable products not manufactured or approved by Epson.

Install a genuine Epson product, or `Clear All Warnings` of the `Reset Menu` on the control panel to clear the warning message. See “Replacing Consumable Products” on page 134 for instructions on replacing the toner cartridge.

Non-Genuine Toner uuuu

The installed toner cartridge is not a genuine Epson toner cartridge. The printout and remaining service lives of the toner cartridges displayed on the control panel may be different from those when using genuine Epson toner cartridges. Epson shall not be liable for any damages or problems arising from the use of consumable products not manufactured or approved by Epson. Installing a genuine toner cartridge is recommended. Press the **Start/Stop** button on the control panel to resume printing.

Not Supported USB Device XXX

The device is not supported. Remove it from the USB port.

Offline

The printer is not ready to print. Press the **Start/Stop** button.

Option Unit Error yyy

The printer cannot recognize the installed optional product. Remove the optional product and reinstall it.

Optional RAM Error

The optional memory module may be corrupted or incorrect. Replace it with a new one.

Paper Out tttt sssss

There is no paper in the specified paper source (tttt). Load paper of the size (sssss) into the paper source.

Paper Set tttt sssss

The paper loaded in the specified paper source (tttt) does not match the required paper size (sssss). Replace the loaded paper with the correct size paper and press the **Start/Stop** button to resume printing, or press the **Pause/Cancel** button to cancel the print job.

If you press the **Start/Stop** button without replacing the paper, the printer will print on the loaded paper even though it does not match the required size.

Password Changed

The password has been changed successfully.

Photocon Trouble uuuu

There is a problem with the photoconductor unit of the indicated color. Remove the photoconductor unit and reinsert it. If that fails to clear the error, replace the photoconductor unit. To install the photoconductor unit, see "Replacing Consumable Products" on page 134.

Photocon uuuu Needed Soon

This message indicates that the photoconductor unit of the indicated color is near the end of its service life. You can continue to print until the Replace Photocon uuuu message appears.

Please wait for print

Printing cannot start because the previous job is being processed. Try again after a few seconds.

Preheat Mode

The printer is in the preheat mode. You can change the time to enter the mode on Time to Preheat in Setup Menu.

Print Overrun

The required time to process the print data exceeded the print engine speed because the current page is too complex. Press the **Start/Stop** button to resume printing, or press the **Pause/Cancel** button to cancel the print job. If this message appears again, select On as the Page Protect setting in the control panel's Setup Menu or select **Avoid Page Error** on the printer driver.

If you continue to receive this message when printing a particular page, try simplifying the page by limiting the number of graphics or reducing the number and size of fonts.

To avoid this error, it is recommended that you set the Page Protect setting to On and add more memory to the printer. See "Setup Menu" on page 71 and "Memory Module" on page 125 for details.

PS3 CompactFlash Full

The memory allocated for writing PostScript 3 commands on the optional CompactFlash memory is full.

To clear this error, select Clear Warning from the control panel's Reset Menu. For instruction about accessing the control panel menus, see "How to access the control panel menus" on page 61.

RAM CHECK

The printer is checking the RAM.

Ready

The printer is ready to receive data and print.

Reboot to apply settings

You selected No when Do you want to reboot to apply the settings? was displayed.
To clear this error, select Clear Warning from the control panel's Reset Menu. See "How to access the control panel menus" on page 61 for instructions.

Replace Dev Unit uuuu

The development unit has reached the end of its service life and needs to be replaced. If this error occurs, consult your dealer.

Replace Feed Roller MP, Replace Feed Roller C1, Replace Feed Roller C2, Replace Feed Roller C3, Replace Feed Roller C4

The feed roller has reached the end of its service life and needs to be replaced. If this error occurs, consult your dealer.

Replace Fuser

The fuser has reached the end of its service life and needs to be replaced. If this error occurs, consult your dealer.

Replace Maintenance Unit

The maintenance unit has reached the end of its service life and needs to be replaced. If this error occurs, consult your dealer.

Replace Photocon uuuu

The indicated photoconductor unit has reached the end of its service life and need to be replaced. See "Replacing Consumable Products" on page 134 for instructions.

Replace Toner uuuu

Printing is possible until the printout fades.
To stop the printout from fading, open cover D, make sure the cartridge is locked, and tap the top of the toner cartridge about five times with your finger. If the fading is not resolved by this procedure, replace the toner cartridge. See "Replacing Consumable Products" on page 134 for instructions.

Replace Toner uuuu Print in monochrome?

The indicated toner cartridge has reached the end of its service life and need to be replaced. See "Replacing Consumable Products" on page 134 for instructions.
This message appears only when `Convert to Monochrome` is set to `On`, and the black toner is still left. You can print in black-and-white by pressing the **Start/Stop** button.

Replace Transfer Unit/ Replace 2nd Transfer Unit

The indicated transfer unit has reached the end of its service life and needs to be replaced. If this error occurs, consult your dealer.

Replace Waste Toner Box

The waste toner collector has reached the end of its service life and needs to be replaced. See "Replacing Consumable Products" on page 134 for instructions.

Reserve Job Canceled

The printer cannot store the data of your print job using the Reserve Job function. The maximum number of print jobs stored on the printer's memory has been reached, or the memory has no more memory available to store a new job. To store a new print job, delete a previously stored job. Also, if you have any Confidential Jobs stored, printing those jobs will make more memory available.

You may also increase the available memory space by changing the `RAM Disk` setting to `Normal` or `Maximum`. For details, see "Setup Menu" on page 71.

To clear this error, select `Clear Warning` from the control panel's `Reset Menu`. For instruction about accessing the control panel menus, see "How to access the control panel menus" on page 61.

Reset

The printer's current interface has been reset and the buffer has been cleared. However, other interfaces are still active and retain their settings and data.

Reset All

All printer's interface has been reset and the buffer has been cleared. The printer reboots automatically.

Reset to Save

A control panel menu setting was changed while the printer was printing. Press the **Start/Stop** button to clear this message. The setting will become effective after printing has finished.
Alternatively you can clear this message by performing `Reset` or `Reset All` on the control panel. However, the print data will be deleted.

ROM CHECK

The printer is checking the ROM.

SELF TEST

The printer is currently performing a self test and initialization.

Service Req Cffff/Service Req Exxx

A controller error or a print engine error has been detected. Turn off the printer. Wait at least 5 seconds, then turn it back on. If the error message still appears, write down the error number listed on the LCD panel (`Cffff`/`Exxx`), turn off the printer, unplug the power cord, then contact a qualified service representative.

Sleep

The printer is currently in the power-save mode. This mode is canceled when the printer receives print data.

Toner Cartridge Error uuuu

A read/write error has occurred for the indicated toner cartridges. (The color Cyan(C), Magenta(M), Yellow(Y), or Black(K) appears in place of uuuu.)

Remove the toner cartridges and reinsert them. If that fails to clear the error, replace the toner cartridges.

To install the indicated cartridges. See "Replacing Consumable Products" on page 134.

Toner Low (uuuu Toner Low)

This message indicates that the toner cartridge for the indicated color is near the end of its service life. Prepare a new toner cartridge.

Transfer Unit Needed Soon

This message indicates that the transfer unit is near the end of its service life. You can continue to print until the Replace Transfer Unit message appears.

Turn Paper MP Tray, Turn Paper Cassette1, Turn Paper Cassette2, Turn Paper Cassette3, Turn Paper Cassette4

The direction of the paper loaded in the specified paper cassette does not match the required paper direction. Turn the paper direction to landscape.

Turning off Please wait

The printer is entering the power off mode.

Unable Clear Error

The printer cannot clear an error message because the error status still remains. Try solving the problem again.

Warming Up

The printer is warming up the fuser to be ready to print.

Waste Toner Box Near Full

The waste toner collector is near full of toner.

Write Error ROM A, Write Error ROM P

This message indicates an internal error in the printer. Reset the printer. If this error persists, consult your dealer.

Writing ROM A, Writing ROM P

This message indicates that a ROM module in the slot is being written. Please wait until this message disappears.

Wrong Password

No print jobs have been saved with the password you entered.

Wrong Photocon uuuu

An inappropriate photoconductor unit is installed. Install only the photoconductor unit listed in "Consumable products" on page 26.

See "Replacing Consumable Products" on page 134 for instructions on replacing the photoconductor unit. (The letters C, M, Y, or K appear in place of uuuu and indicate the colors Cyan, Magenta, Yellow, and Black respectively.)

Wrong Toner Cartridge uuuu

An inappropriate toner cartridge is installed. Install only the toner cartridge listed in "Consumable products" on page 26.

See "Replacing Consumable Products" on page 134 for instructions on replacing the toner cartridge. (The letters C, M, Y, or K appear in place of uuuu and indicate the colors Cyan, Magenta, Yellow, and Black respectively.)

Printing and Deleting Reserve Job Data

Print jobs stored on the printer's memory using the Re-Print Job, Verify Job, and Stored Job options of the Reserve Job function can be printed and deleted using the control panel's `Quick Print JobMenu`. Jobs saved using the Confidential Job option can be printed from the `ConfidentialJobMenu`. Follow the instructions in this section.

Note:

- ❏ *The `RAM Disk` setting on the control panel must be set to `Normal` or `Maximum` to use the Reserve Job function. We recommend installing optional memory to use this function. For instructions about increasing your printer's memory, see "Installing a memory module" on page 125.*
- ❏ *Installing CompactFlash memory on your printer also enables the Reserve Job function. Note that the RAM disk is not available when you install CompactFlash memory on the printer.*

Using the Quick Print Job Menu

Follow the steps below to print or delete Re-Print Job, Verify Job, and Stored Job data.

1. Make sure the LCD panel displays `Ready` or `Sleep`, then press the ▶ **Right** button to access the control panel menus.
2. Press the ▼ **Down** button repeatedly until `Quick Print JobMenu` appears on the LCD panel, then press the ▶ **Right** button.
3. Use the ▼ **Down** or ▲ **Up** button to scroll to the appropriate user name, then press the ▶ **Right** button.
4. Use the ▼ **Down** or ▲ **Up** button to scroll to the appropriate job name, then press the ▶ **Right** button.
5. Press the ▶ **Right** button, then use the ▼ **Down** and ▲ **Up** buttons to select the number of copies.

   To delete the print job without printing any copies, press the ▼ **Down** button to display `Delete` on the LCD panel.
6. Press the ▶ **Right** button to start printing or to delete the data.

Using the Confidential Job Menu

Follow the steps below to print or delete Confidential Job data.

1. Make sure the LCD panel displays `Ready` or `Sleep`, then press the ▶ **Right** button to access the control panel menus.

2. Press the ▼ **Down** button repeatedly until `ConfidentialJobMenu` appears on the LCD panel, then press the ▶ **Right** button.

3. Use the ▼ **Down** or ▲ **Up** button to scroll to the appropriate user name, then press the ▶ **Right** button.

4. Enter your four-digit password.

   To enter the password, press the ▼ **Down** or ▲ **Up** button to select the character and press the ▶ **Right** button to determine the character. After all characters are determined, press the ▶ **Right** button.

   Note:
   If no print jobs have been saved with the password you entered, `Wrong Password` *appears briefly on the LCD panel then the printer exits the control panel menus. Confirm the password and try again.*

5. Use the ▼ **Down** or ▲ **Up** button to scroll to the appropriate job name, then press the ▶ **Right** button.

6. Use the ▼ **Down** or ▲ **Up** button to display `Print`.

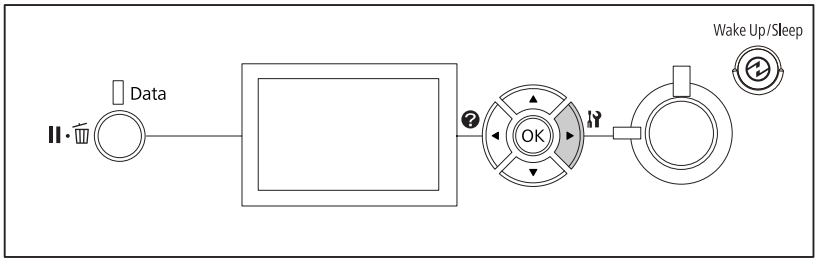
   To delete the print job, press the ▼ **Down** or ▲ **Up** button to display `Delete` on the LCD panel.

7. Press the ▶ **Right** button to start printing or to delete the data.

Printing a Configuration Status Sheet

1. Turn on the printer. The LCD panel shows `Ready`.

2. Press the ▶ **Right** button three times. The printer prints a configuration status sheet.



3. Confirm that the information about the installed options is correct. If the options are installed correctly, they appear under Hardware Configuration. If the options are not listed, try reinstalling them.

Note:

❏ *If the configuration status sheet does not list your installed options correctly, make sure that they are securely connected to the printer.*

❏ *If you are unable to get the printer to print a correct configuration status sheet, contact your dealer.*

❏ *Print the configuration status sheet on A4 size paper.*

Canceling Printing

You can cancel printing from your computer by using the printer driver.

To cancel a print job before it is sent from your computer, see “Canceling Printing” on page 170.

Using the Pause/Cancel button

The **II·🗑 Pause/Cancel** button on your printer is the quickest and easiest way to cancel printing. Pressing this button cancels the currently printing job or the specified print job in the printer’s memory.

Follow the steps below to cancel the job.

1. Press the **II·🗑 Pause/Cancel** button.

2. Press the ▼ **Down** or ▲ **Up** button to select the job that you want to cancel, then press the **OK** button.

3. Press the ▼ **Down** or ▲ **Up** button to select `Cancel Job`, then press the **OK** button. Printing is canceled.

Note:

❏ *Select* `Cancel All Jobs` *on step 3 to cancel all print jobs in the printer's memory.*

❏ *The operation is canceled and printing restarts one minute after the printer is not operated.*

❏ *After canceling jobs is completed, the printer recovers from pause.*

Using the Reset menu

Selecting `Reset` from the control panel's `Reset Menu` stops printing, clears the print job being received from the active interface, and clears errors that may have occurred at the interface.

Follow the steps below to use the `Reset Menu`.

1. Press the ▶ **Right** button to access the control panel menus.

2. Press the ▼ **Down** button several times until `Reset Menu` appears on the LCD panel, then press the ▶ **Right** button.

3. Press the ▼ **Down** button several times until `Reset` to display.

4. Press the ▶ **Right** button. Printing is canceled. The printer is ready to receive a new print job.

Interrupting Printing

If the printer is shared, it is possible to interrupt the current print job to print a different print job.

Follow the steps below to use this function.

1. Press the **Pause/Cancel** button to stop the current print job.

2. Press the ▼ **Down** or ▲ **Up** button to select the job that you want to print, then press the **OK** button.

3. Press the ▼ **Down** or ▲ **Up** button to select `Interrupt Printing`, then press the **OK** button.

Note:
The operation is canceled and the printing restarts one minute after the printer is not operated.

Chapter 4

Installing Options

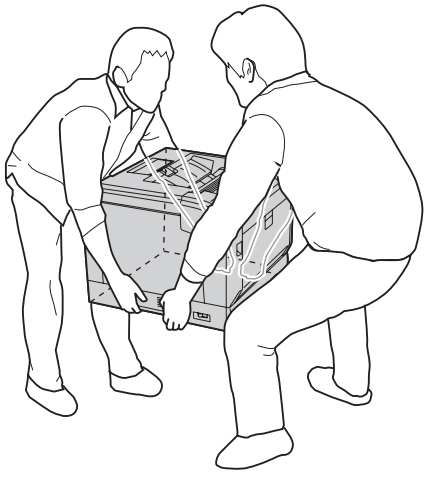
Optional Printer Stand and Paper Cassette Unit

For details about the paper types and sizes that you can use with the optional paper cassette unit, see “Lower paper cassette” on page 31. For specifications, see “Optional paper cassette unit” on page 197.

Handling precautions

Always pay attention to the following handling precautions before installing the option:

The printer weighs about 44 kg (97 lb). One person should never attempt to lift or carry it alone. Two people should carry the printer, lifting it from the positions shown below.

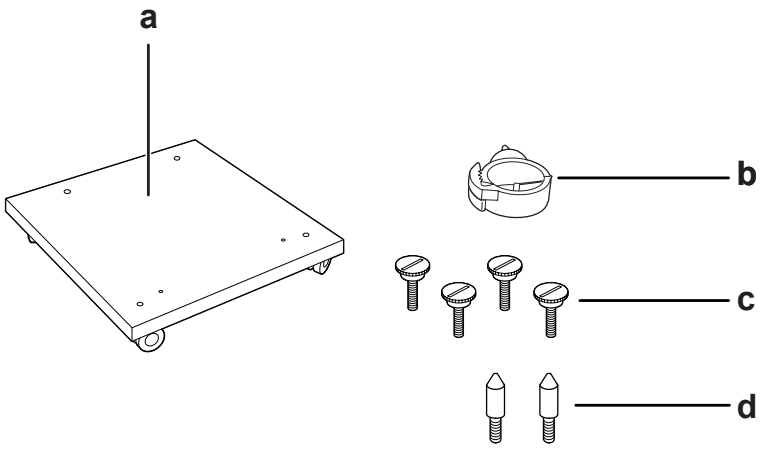


Warning:
If you lift the printer incorrectly, you could drop it and cause injury.

Installing the optional printer stand

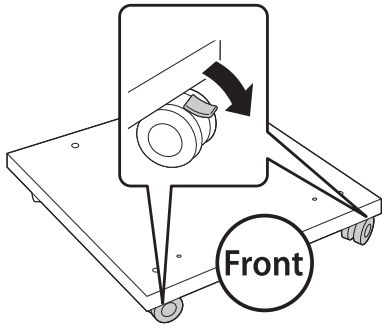
You can install the optional printer stand on the optional paper cassette unit or the printer directly. The instructions below describe installing on the optional paper cassette unit as an example. We recommend using the optional printer stand if you install the optional paper cassette units.

1. Confirm the bundled items.

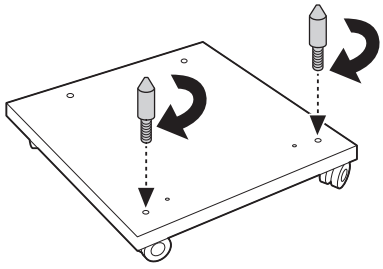


a. printer stand
b. cable hook
c. screws
d. guide pins

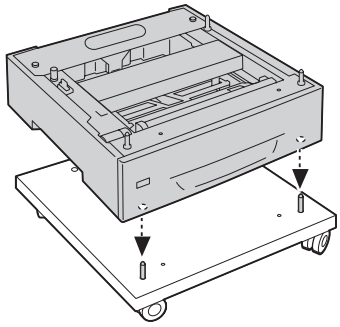
2. Place the printer stand on a flat surface and lock the front casters.



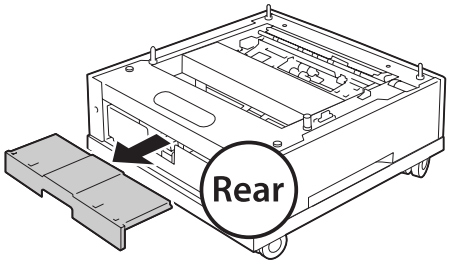
3. Install two guide pins on the printer stand.



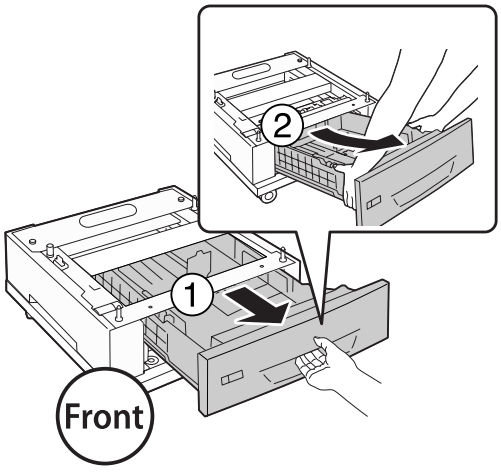
4. Set the lowest optional paper cassette unit on the printer stand. Align each of the holes on the bottom with the guide pins.



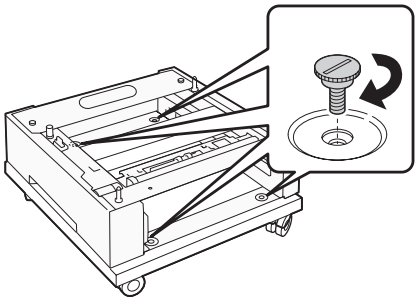
5. Remove the back cover of the optional paper cassette unit.



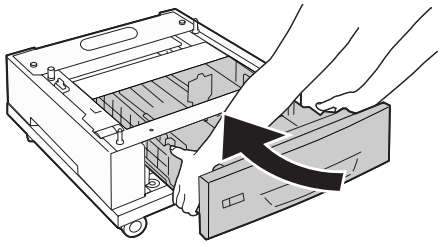
6. Pull out the paper cassette.



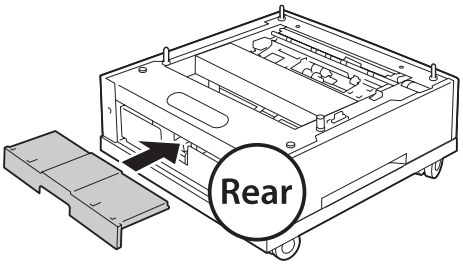
7. Fix the optional paper cassette unit to the printer stand with four screws.



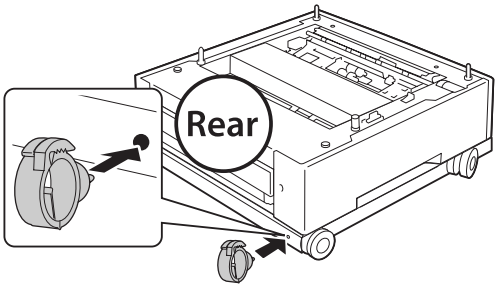
8. Reinsert the paper cassette into the optional paper cassette unit.



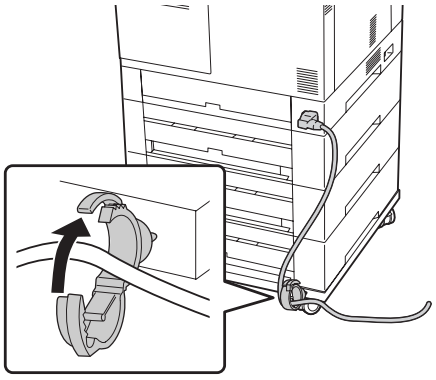
9. Reinstall the back cover removed in step 5.



10. Install the cable hook.



Note:
After attaching the printer to the printer stand, connect the power cord to the printer, and then pass it through the cable hook.



Installing the optional paper cassette unit

Note:
If you use the optional printer stand, install the printer stand to the lowest optional paper cassette unit in advance.

Caution:
To use the optional printer stand, be sure to lock the casters before installing the optional paper cassette units. Otherwise, the printer may move and cause an accident.

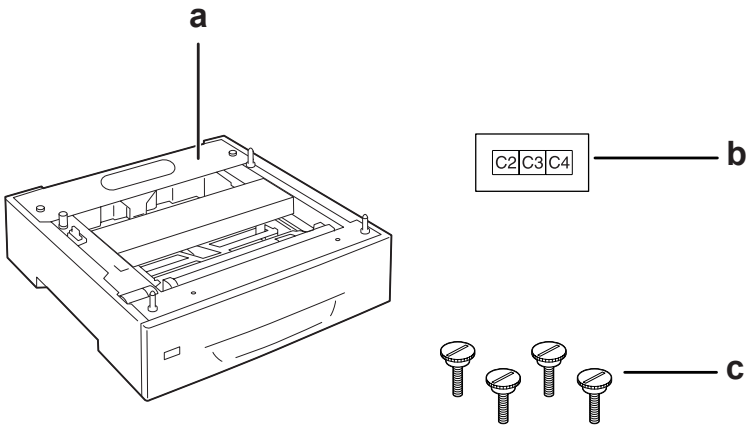
1. Turn the printer off and unplug the power cord and interface cable.

   Caution:
   Make sure to unplug the power cord from the printer to prevent getting an electrical shock.

2. Carefully take the optional paper cassette unit out from its carton and place it where you intend to set up the printer.

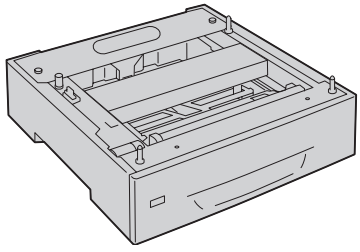
   Note:
   The instructions below describe installing multiple optional paper cassette units as an example.

3. Confirm the bundled items.



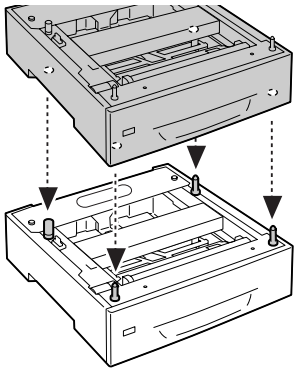
a. optional paper cassette unit
b. label
c. screws

4. Place the optional paper cassette unit on a flat surface.

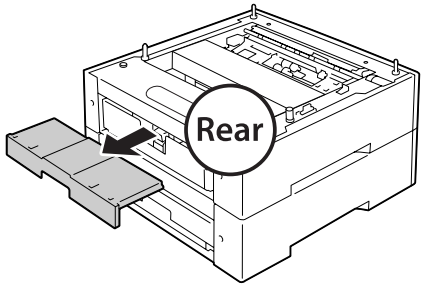


Note:
When installing only one cassette unit, go to step 12.

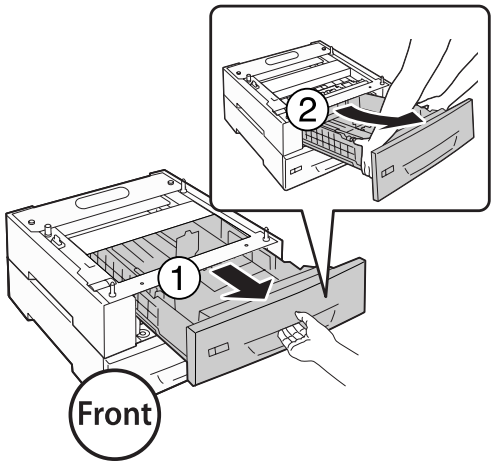
5. Place the second optional paper cassette unit onto the lowest paper cassette unit. Align each of the holes on the bottom with the guide pins.



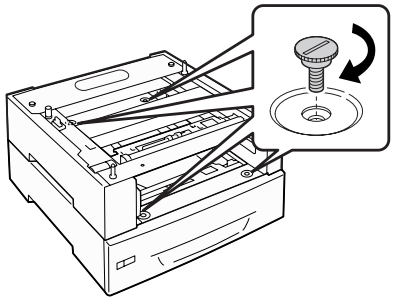
6. Remove the back cover of the upper optional paper cassette unit.



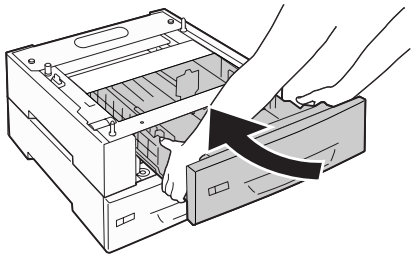
7. Pull out the upper paper cassette.



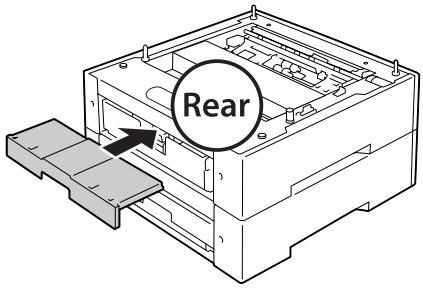
8. Fix the optional paper cassette units with four screws.



9. Reinsert the paper cassette.

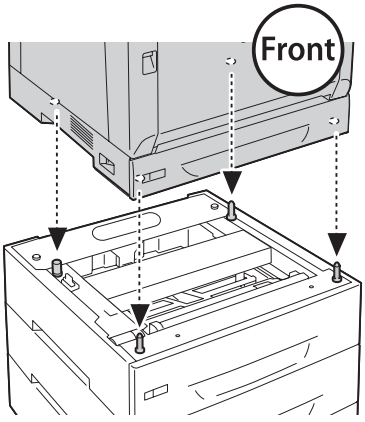


10. Reinstall the back cover removed in step 5.



11. If you install three optional paper cassette units, repeat steps 4 to 9.

12. Align each of the holes on the printer with the guide pins of the optional paper cassette unit, and then lower the printer until it resets securely on the units.

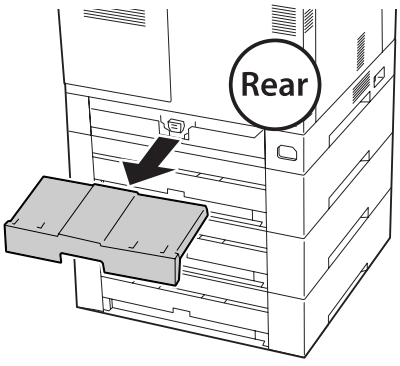


Note:

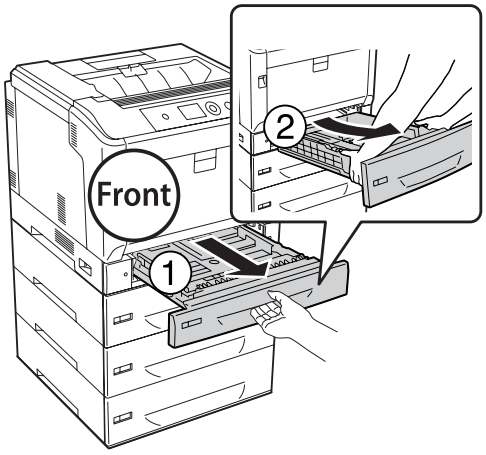
❏ *The printer should be carried by at two people.*

❏ *Lower the printer carefully so that the four guide pins on the optional paper cassette unit go into the holes at the bottom of the printer. If the printer leans against the optional paper cassette unit, the connecter may be damaged.*

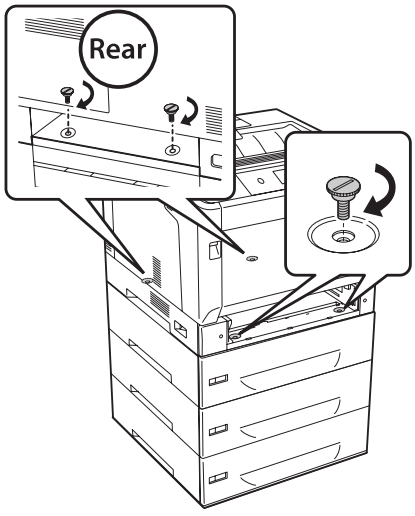
13. Remove the back cover of the standard paper cassette unit.



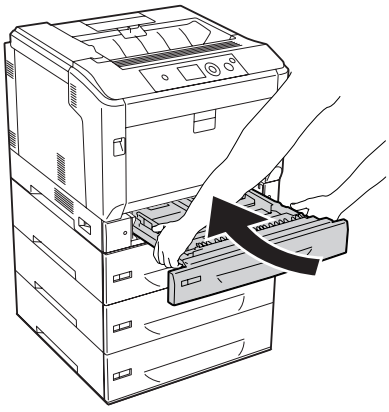
14. Pull out the paper cassette.



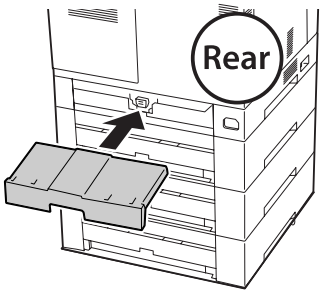
15. Fix the printer to the optional paper cassette units with four screws.



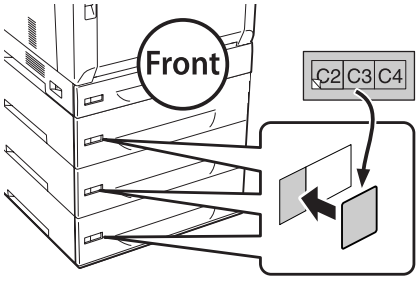
16. Reinsert the paper cassette.



17. Reinstall the back cover removed in step 12.



18. Affix the labels onto the front of the paper cassettes.



19. Remove the protective materials from each paper cassette, and then load paper.

20. Reconnect the interface cable and power cord, and then turn the printer on.

21. To confirm that the option is installed correctly, print a configuration status sheet. See "Printing a Configuration Status Sheet" on page 155.

Note for Windows users:
If EPSON Status Monitor is not installed, you have to make settings manually in the printer driver. Select the ***Update the Printer Option Info Manually*** *on the Optional Settings tab, and then click* ***Settings****. Then select* ***Cassette 2****,* ***Cassette 3****, and* ***Cassette 4*** *from the Optional Paper Sources list on the Optional Settings dialog box based on the installed options and click* ***OK****.*

Removing the optional paper cassette unit

Perform the installation procedure in reverse.

Duplex Unit

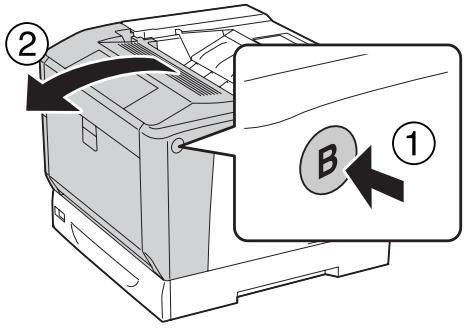
For specifications or details about the paper types and sizes that you can use with the Duplex Unit, see "Duplex Unit" on page 198.

Installing the Duplex Unit

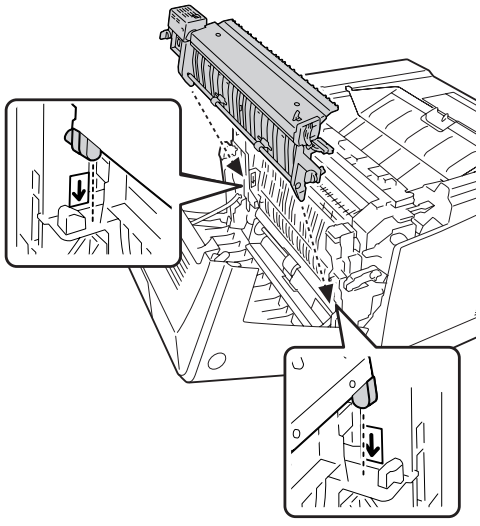
1. Turn the printer off and unplug the power cord and interface cable.

   Caution:
   Make sure to unplug the power cord from the printer to prevent getting an electrical shock.

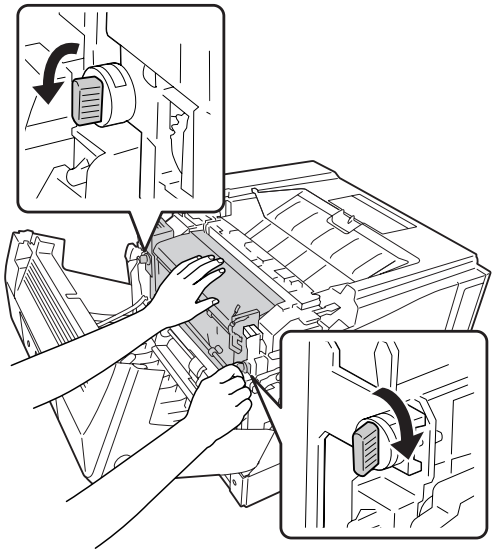
2. Open cover A using button B.



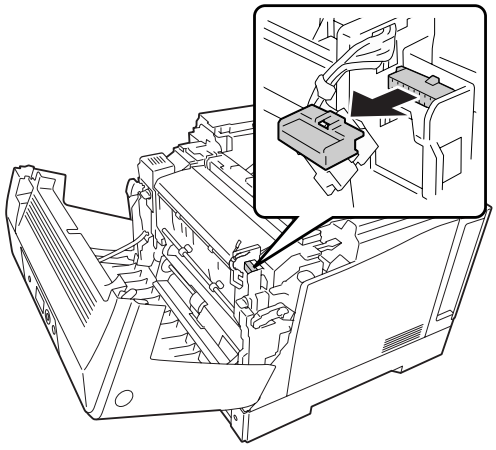
3. Install the Duplex Unit as shown below. Make sure the tabs at the bottom go to the grooves indicated with arrow marks.



4. Turn the knobs to fix the Duplex Unit to the printer.

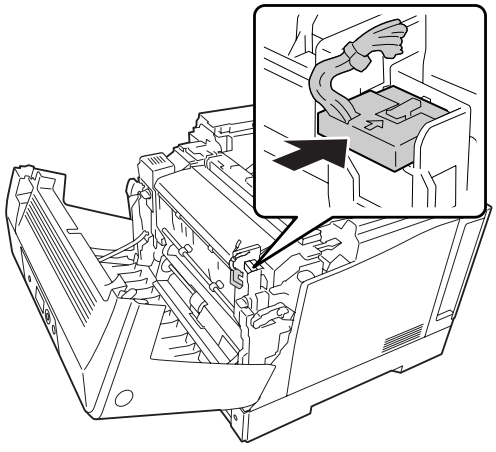


5. Remove the connector cover.

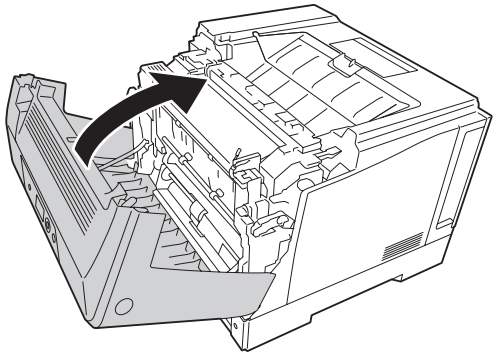


Note:
Keep the connector cover in a safe place to prevent from losing it.

6. Plug the connector of the Duplex Unit into the socket on the printer.



7. Close cover A.



8. Reconnect the interface cable and power cord, then turn the printer on.

To confirm that the option is installed correctly, print a Status Sheet. See "Printing a Configuration Status Sheet" on page 155.

Note for Windows users:
If EPSON Status Monitor is not installed, you have to make settings manually in the printer driver. See "Making Optional Settings" on page 175.

Removing the Duplex Unit

Perform the installation procedure in reverse.

Memory Module

By installing Dual In-line Memory Module (DIMM), you can increase printer memory up to 1024 MB. You may want to add additional memory if you are having difficulty printing complex graphics.

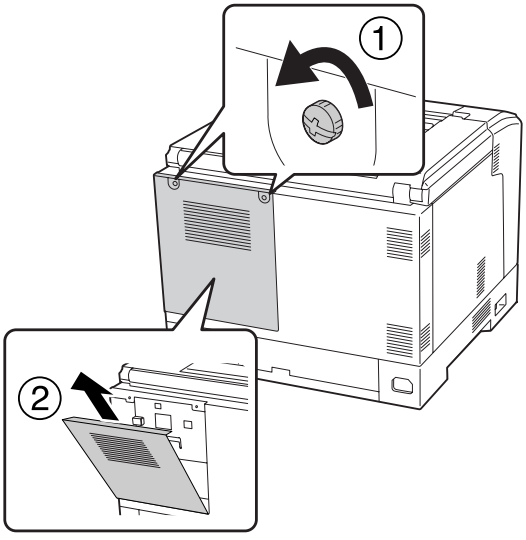
Installing a memory module

⚠ ***Warning:***
Be careful when working inside the printer as some components are sharp and may cause injury.

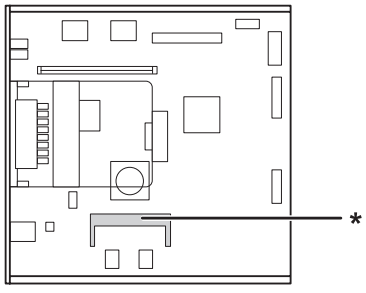
Caution:
Before you install a memory module, be sure to discharge any static electricity by touching a grounded piece of metal. Otherwise, you may damage static-sensitive components.

1. Turn the printer off and unplug the power cord and interface cable.

2. Loosen the two screws using a screwdriver. Then slide the back cover upward and remove it.

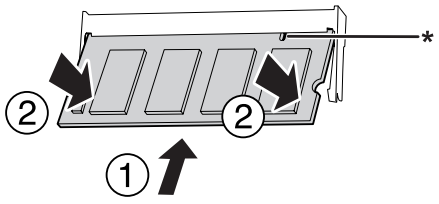


3. Identify the RAM slot.



* expansion RAM slot

4. Confirm that the notch on the expansion memory module matches with that of the slot, and then firmly insert the top edge of the memory module into the slot until it stops. Then press both sides of the memory module down.

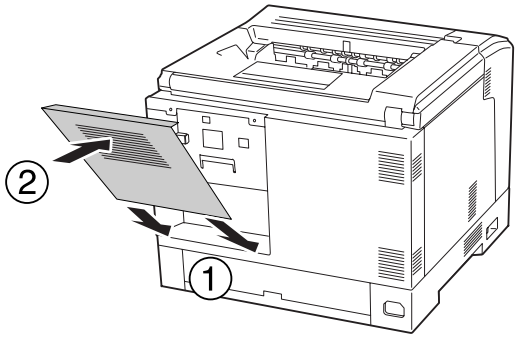


* notch

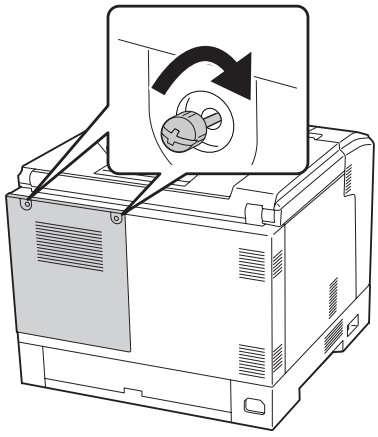
Caution:

- ❏ *Do not force the memory module into the slot.*
- ❏ *Be sure to insert the memory module facing the correct way.*
- ❏ *Do not remove any modules from the circuit board. Otherwise, the printer will not work.*

5. Reattach the back cover as shown below.



6. Fasten the back cover with the two screws.



7. Reconnect the interface cable and power cord and turn the printer on.

To confirm that the option is installed correctly, print a Status Sheet. See "Printing a Configuration Status Sheet" on page 155.

Note for Windows users:
If EPSON Status Monitor is not installed, you have to make settings manually in the printer driver. See "Making Optional Settings" on page 175.

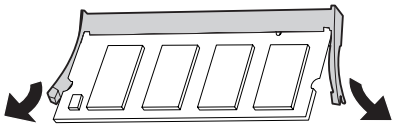
Removing a memory module

⚠ ***Warning:***
Be careful when working inside the printer as some components are sharp and may cause injury.

⚠ ***Caution:***
Before you remove a memory module, be sure to discharge any static electricity by touching a grounded piece of metal. Otherwise, you may damage static-sensitive components.

Perform the installation procedure in reverse.

When removing the memory module from its slot, spread apart the clips on each side of the memory slot, and then slide the memory module out.



Interface Card

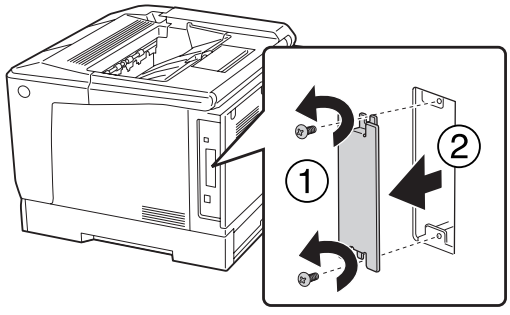
Your printer comes with an empty type-B interface slot. Various optional interface cards are available to expand your printer's interface options.

Installing an interface card

Caution:
Before you install the interface card, be sure to discharge any static electricity by touching a grounded piece of metal. Otherwise, you may damage static-sensitive components.

1. Turn the printer off and unplug the power cord and interface cable.

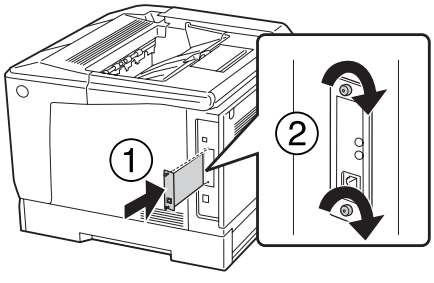
2. Remove the screws and the Type-B interface card slot cover as shown below.



Warning:
Removing screws and covers that are not described in the following instructions will expose high voltage areas.

Note:
Keep the slot cover in a safe place. You will need to reattach it if you remove the interface card later.

3. Slide and push the interface card into the slot firmly, then fasten the screw as shown below.



4. Reconnect the interface cable and power cord and turn the printer on.

To confirm that the option is installed correctly, print a Status Sheet. See “Printing a Configuration Status Sheet” on page 155.

Removing an interface card

Caution:
Before you remove an interface card, be sure to discharge any static electricity by touching a grounded piece of metal. Otherwise, you may damage static-sensitive components.

Perform the installation procedure in reverse.

CompactFlash Memory

Installing a CompactFlash memory

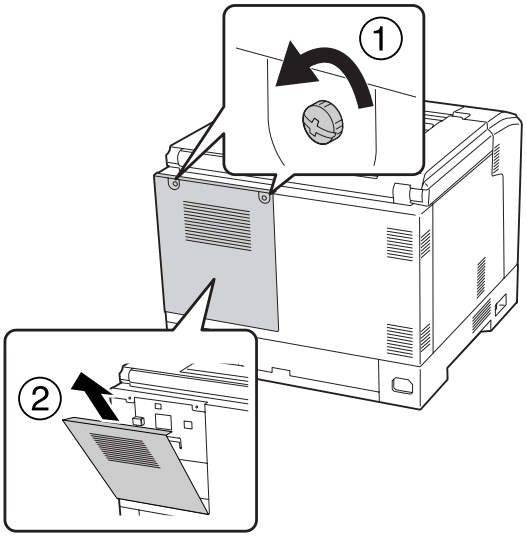
An optional CompactFlash memory enables you to store overlay forms, use Reserve Job function, and improve the collate printing environment.

Warning:
Be careful when working inside the printer as some components are sharp and may cause injury.

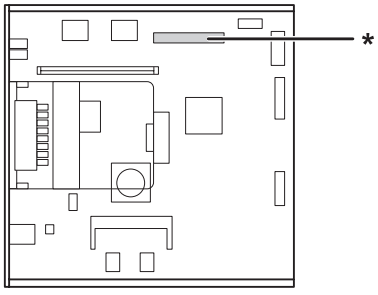
Caution:
Before you install a CompactFlash memory, be sure to discharge any static electricity by touching a grounded piece of metal. Otherwise, you may damage static-sensitive components.

1. Turn the printer off and unplug the power cord and interface cable.

2. Loosen the two screws using a screwdriver. Then slide the back cover upward and remove it.

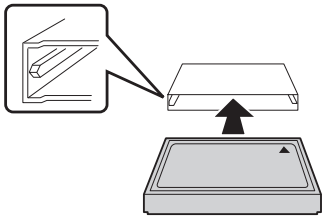


3. Identify the installation slot for a CompactFlash memory.

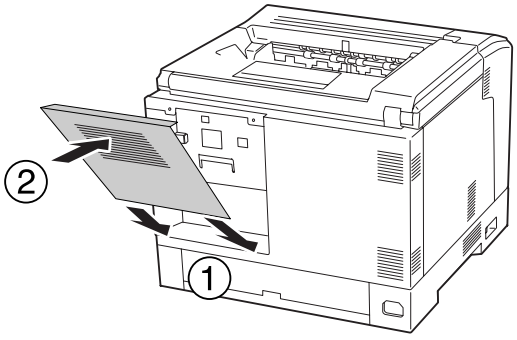


* CompactFlash memory slot

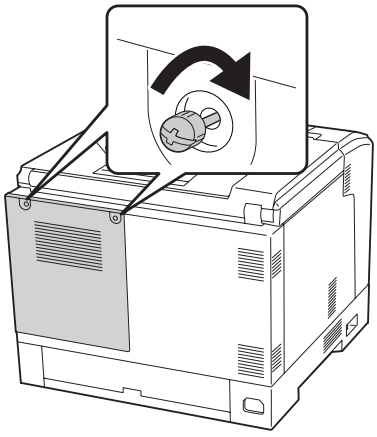
4. Insert a CompactFlash memory into the slot.



5. Reattach the back cover as shown below.



6. Fasten the back cover with the two screws.



7. Reconnect the interface cable and power cord and turn the printer on.

To confirm that the option is installed correctly, print a Status Sheet. See "Printing a Configuration Status Sheet" on page 155.

Note for Windows users:
If EPSON Status Monitor is not installed, you have to make settings manually in the printer driver. See "Making Optional Settings" on page 175.

Removing a CompactFlash memory

Warning:
Be careful when working inside the printer as some components are sharp and may cause injury.

Caution:
Before you remove a CompactFlash memory, be sure to discharge any static electricity by touching a grounded piece of metal. Otherwise, you may damage static-sensitive components.

Perform the installation procedure in reverse.

Note:

- *Completely erase all data using specialized software or carry out* `Delete All CompactFlash Data` *on* `Support Menu` *before you give away or discard CompactFlash memory. See "Support Menu" on page 91 for details.*
- *Deleting files or formatting the CompactFlash memory from the computer may not erase the data completely. Physically destroying the CompactFlash memory is also recommended when you discard CompactFlash memory.*

Chapter 5

Replacing Consumable Products

Precautions During Replacement

Always observe the following handling precautions when replacing consumable products.

For details about the replacement, see the instructions that come with the consumable products.

⚠ ***Warning:***

- ❏ *Be careful not to touch the fuser, which is marked* ***CAUTION****, or the surrounding areas. If the printer has been in use, the fuser and surrounding areas may be very hot.*
- ❏ *Do not dispose of used consumable products in fire, as they may explode and cause injury. Dispose of them according to local regulations.*

❏ Provide enough space for the replacement procedure. You will have to open some parts (such as the printer cover) of the printer when you are replacing consumables.

❏ Do not install used consumable products into the printer.

For details about the handling precautions, see “Handling consumable products” on page 18.

Replacement Messages

If a consumable product reaches the end of its service life, the printer displays the following messages on the LCD panel or the window of EPSON Status Monitor.

LCD Panel Message	Description
Replace Toner uuuu*	The toner cartridge for the indicated color has reached the end of its service life.
Replace Photocon uuuu*	The photoconductor unit for the indicated color has reached the end of its service life.
Replace Waste Toner Box	The waste toner box has reached the end of its service life.

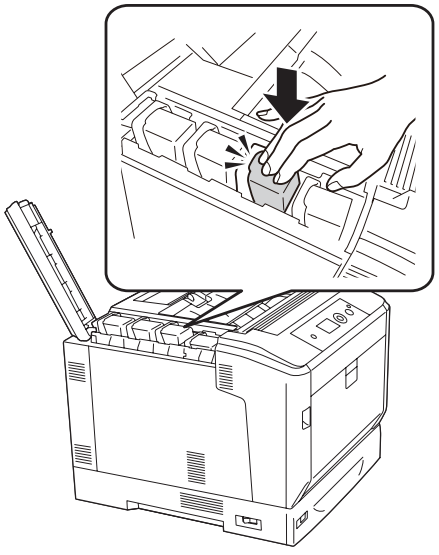
* The color `Cyan(C)`, `Magenta(M)`, `Yellow(Y)`, or `Black(K)` appears in this position, indicating the color of the toner cartridge or photoconductor unit to be replaced. For example, the message `Replace Toner Yellow(Y)` means that the yellow toner cartridge is near the end of its service life.

Printing is possible, even if `Replace Toner uuuu` is displayed, until the printout fades.
Before replacing the toner cartridge, do the following procedures to make sure the toner cartridge is empty.

1. Open cover D.

2. Make sure that all cartridges are locked.

3. Tap the top of the toner cartridges about five times with your fingers.



Caution:
Do not tap the toner cartridge with excessive force. Doing so may cause a malfunction or disable printing.

Note:
If you tap a toner cartridge or remove it and rock it back and forth while the lock lever is released, the toner may spill out.

If the printout is still faded, replace the toner cartridge.

Note:
Messages appear for one consumable product at a time. After replacing a consumable product, check the LCD panel for replacement messages for other consumable products.

Chapter 6

Cleaning and Transporting the Printer

Cleaning the Printer

The printer needs only minimal cleaning. If the printer's outer case is dirty or dusty, turn off the printer and clean it with a soft, clean cloth moistened with a mild detergent.

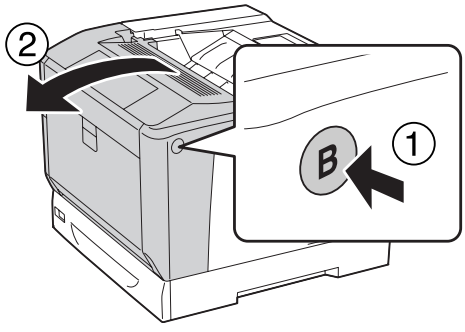
⚠ ***Caution:***
Never use alcohol or paint thinner to clean the printer cover. These chemicals can damage the components and the case. Be careful not to get water onto the printer mechanism or any electrical components.

Cleaning the pickup roller

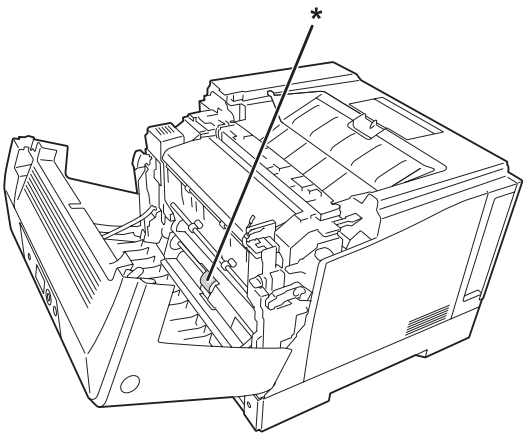
Gently wipe the rubber parts of the pick up rollers in the MP tray and standard lower paper cassette with a well-wrung wet cloth.

MP tray

1. Open cover A using button B.



2. Gently wipe the rubber parts of the pickup roller with a well-wrung wet cloth.

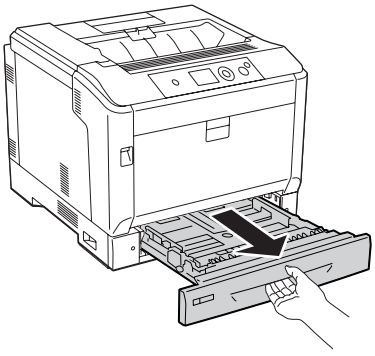


* pickup roller

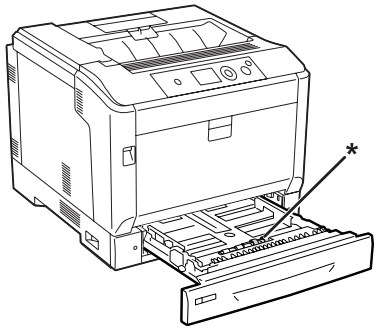
3. Close cover A.

Lower paper cassette

1. Pull out the lower paper cassette.



2. Gently turn and wipe the rubber parts of the pickup rollers with a well-wrung wet cloth.

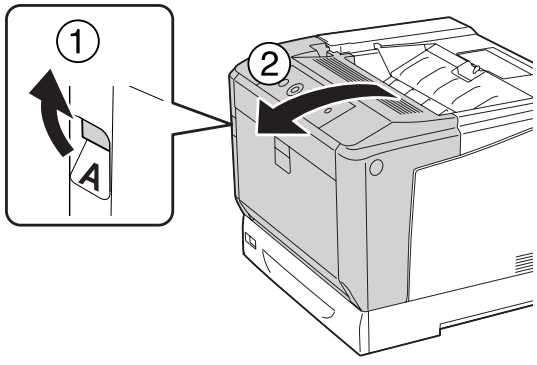


* pickup roller

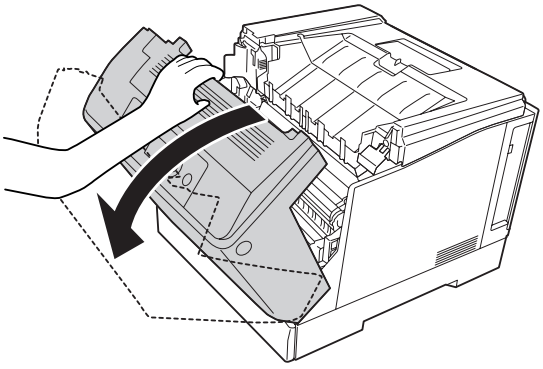
3. Insert the lower paper cassette.

Cleaning the exposure window

1. Open cover A using lever A.

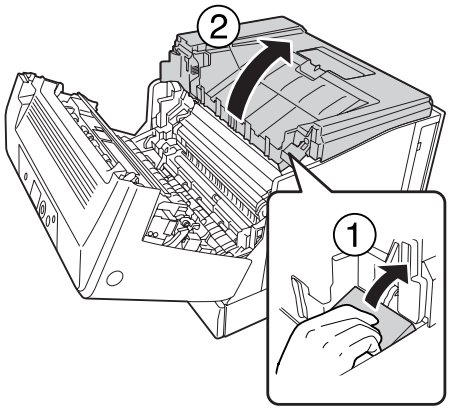


Note:
Make sure you fully open cover A until it stops.

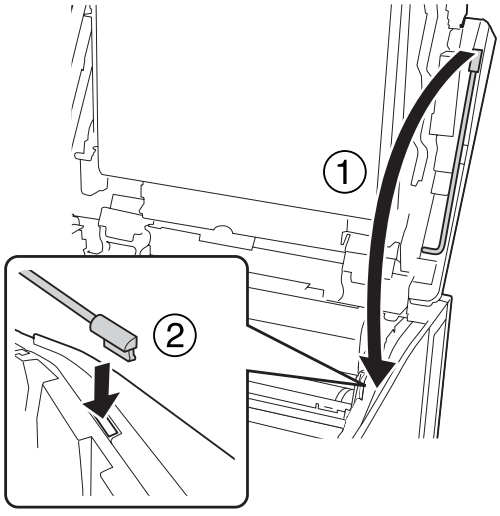


Warning:
*Be careful not to touch the fuser, which is marked **CAUTION**, or the surrounding areas. If the printer has been in use, the fuser and the surrounding areas may be very hot. If you must touch on of these areas, wait 40 minutes to allow the heat to subside before doing so.*

2. Open cover G.

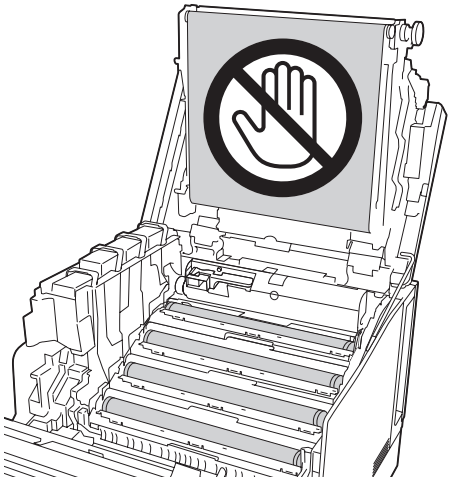


3. Insert the cover G support into the hole on the printer.

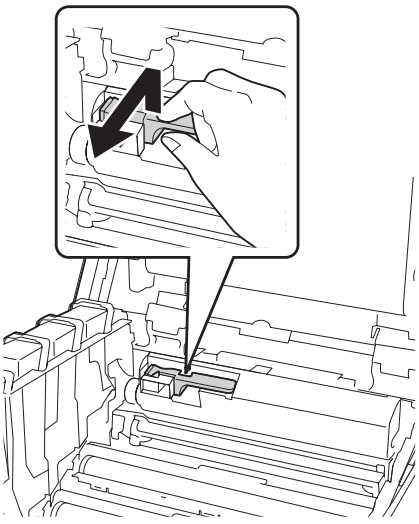


Caution:

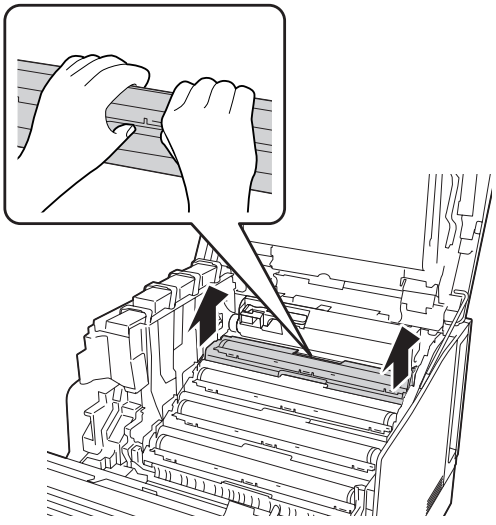
- ❏ *Do not touch the intermediate transfer belt.*
- ❏ *Do not expose the photoconductor unit to room light longer than three minutes.*
- ❏ *Never touch the photoconductor unit's light-sensitive drum; otherwise, print quality may decline.*



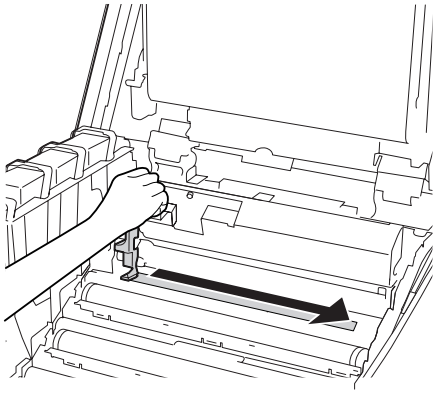
4. Take out the exposure window cleaning bar.



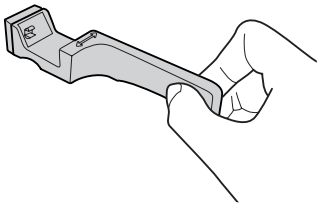
5. Grab the position as shown in the label and remove the photoconductor unit from the printer.



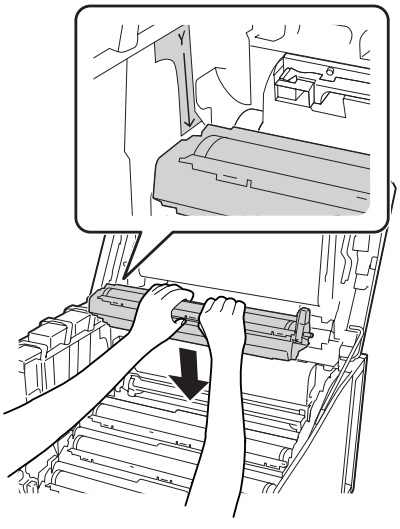
6. Slide the cleaning bar once from left to right along the exposure window.



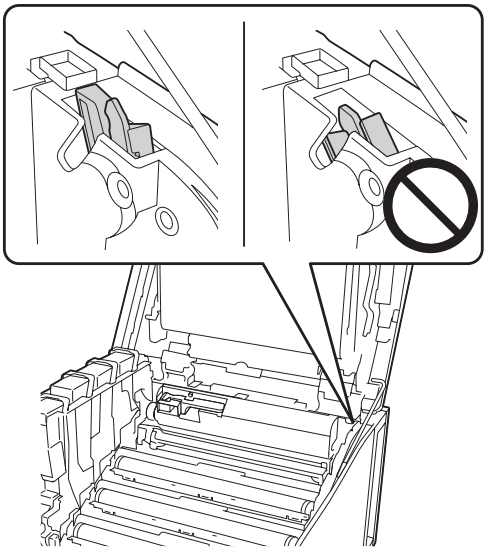
Note:
Hold the cleaning bar with its arrow mark facing up.



7. Reinstall the photoconductor unit to the printer.

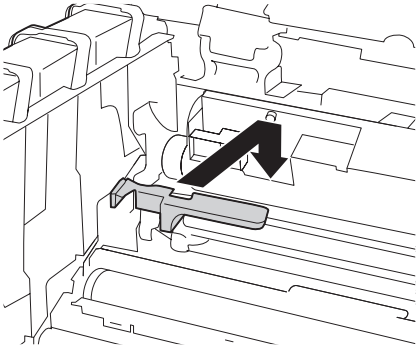


Caution:
When installing the photoconductor unit, make sure the hinge of cover G is set as indicated in the illustration. If not, close and open cover G again.

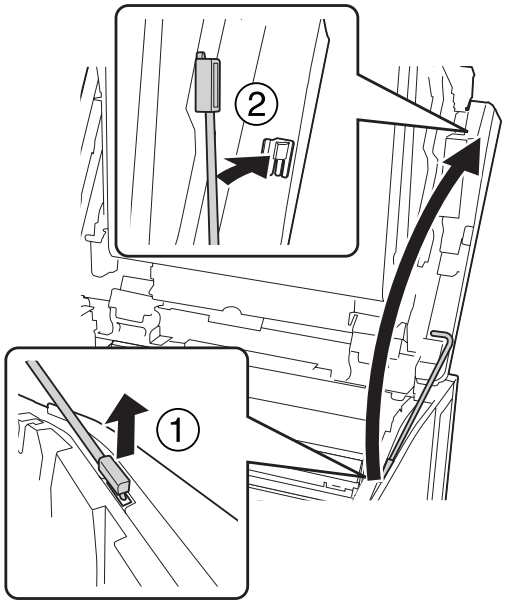


8. For the other windows, repeat steps 5 to 7.

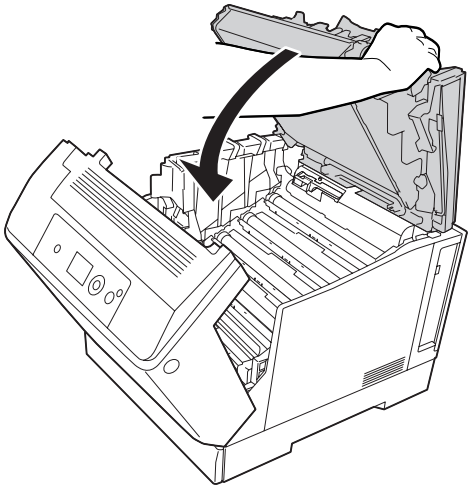
9. Put the exposure window cleaning bar back in place.



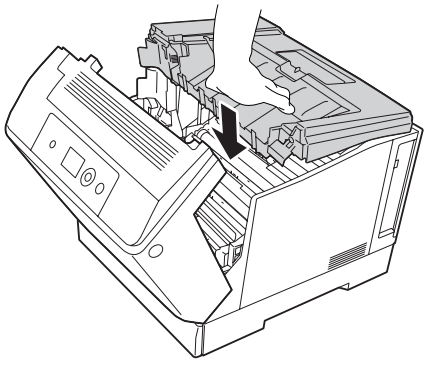
10. Put the cover G support back in place.



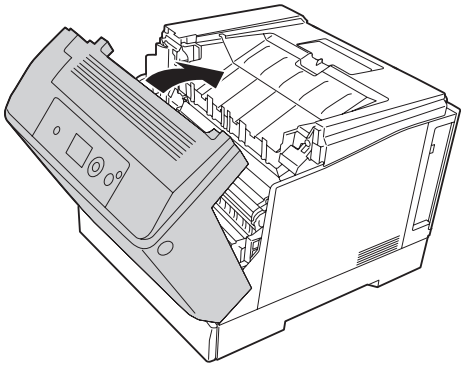
11. Close cover G.



12. Press the center of the output tray until it clicks.



13. Close cover A.



Transporting the Printer

For long distances

Before you move the printer, prepare the location where you are going to place it.
See the following sections.

❏ "Setting up the printer" on page 13

❏ "Finding the place for the printer" on page 15

Repacking the printer

If you need to transport your printer for long distances, carefully repack it using the original box and packing materials.

1. Turn off the printer and remove the following items:

   ❏ Power cord

   ❏ Interface cables

   ❏ Loaded paper

   ❏ Installed options

2. Attach the protective materials onto the printer, then repack the printer in its original box.

   ⚠ ***Caution:***
   When moving the printer, always keep it horizontal.

For short distances

Before you move the printer, prepare the location where you are going to place it.
See the following sections.

❏ "Setting up the printer" on page 13

❏ "Finding the place for the printer" on page 15

If you are moving the printer on its own, two people should lift and carry the printer.

1. Turn off the printer and remove the following items:

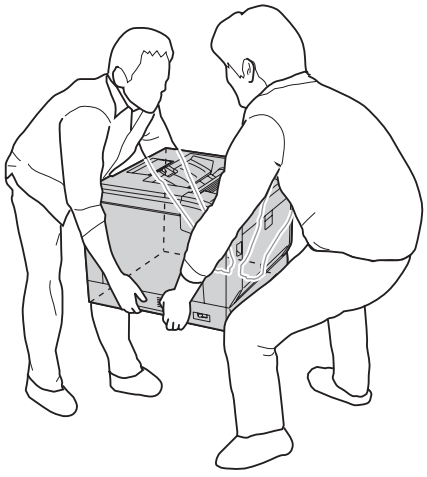
   ❏ Power cord

   ❏ Interface cables

   ❏ Loaded paper

   ❏ Installed options

2. Be sure to lift the printer by the correct positions as shown below.



Caution:
When moving the printer, always keep it horizontal.

Note the following if your printer is installed on the optional printer stand.

- ❏ You do not need to remove the printer from the optional printer stand.
- ❏ It is unnecessary to lift the printer.
- ❏ Unlock the adjusters on the optional printer stand before moving the printer.
- ❏ Remove any obstacles that might be in your way.
- ❏ Lock the adjusters on the optional printer stand after moving the printer.

Chapter 7

Troubleshooting

Clearing Jammed Paper

If paper becomes jammed in the printer, the printer's LCD panel and EPSON Status Monitor provide alert messages.

Error Message	Refer to
Clear paper jam and then reload MP A	For instruction on clearing this type of paper jam, see "Paper Jam MP A (MP tray or Cover A)" on page 149.
Clear paper jam and then reload C4 C3 C2 C1	For instruction on clearing this type of paper jam, see "Paper Jam C4, Paper Jam C3, Paper Jam C2, Paper Jam C1 (All paper cassette)" on page 150.
Clear paper jam and then reload B	For instruction on clearing this type of paper jam, see "Paper Jam B E (Duplex Unit or Cover E)" on page 151.
Clear paper jam and then reload B E	For instruction on clearing this type of paper jam, see "Paper Jam B E (Duplex Unit or Cover E)" on page 151.

Precautions for clearing jammed paper

Be sure to observe the following points when you clear jammed paper.

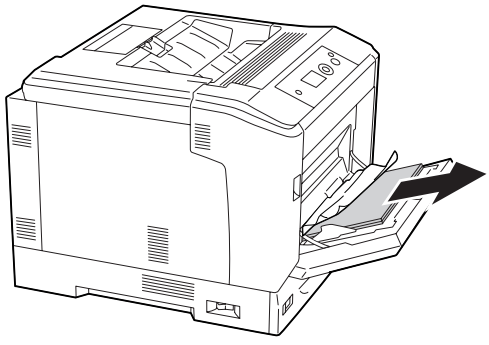
- ❏ Do not remove jammed paper by force. Torn paper can be difficult to remove and might cause other paper jams. Pull the paper gently and steadily to avoid tearing it, falling down, and injuring yourself.
- ❏ Always try to remove jammed paper with both hands to avoid tearing it.
- ❏ If jammed paper is torn and remains in the printer, or if paper is jammed in a place not mentioned in this section, contact your dealer.
- ❏ Make sure that the paper type that is loaded is the same as the Paper Type setting in the printer driver.

Warning:

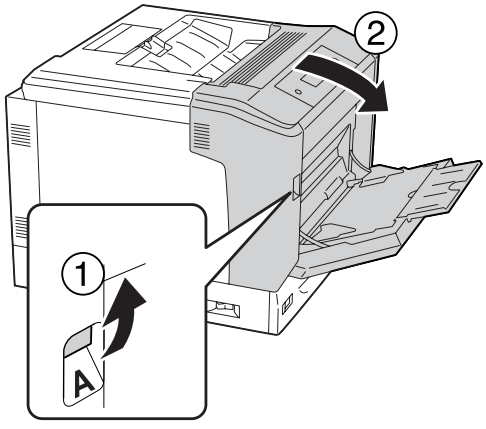
- ❏ *Unless specifically instructed in this guide, be careful not to touch the fuser, which is marked* ***CAUTION****, or the surrounding areas. If the printer has been in use, the fuser and the surrounding areas may be very hot. If you must touch one of these areas, wait 40 minutes to allow the heat to subside before doing so.*
- ❏ *Do not insert your hand deep into the fuser unit as some components are sharp and may cause injury.*

Paper Jam MP A (MP tray or Cover A)

1. Remove the stack of paper.

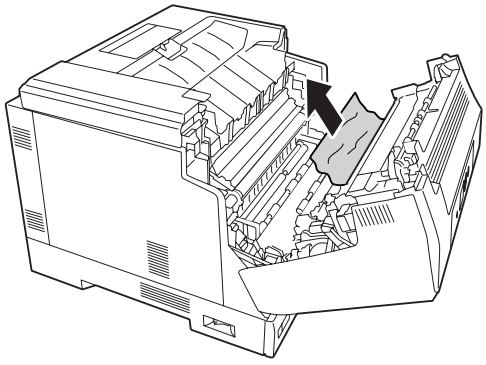


2. Open cover A using lever A.

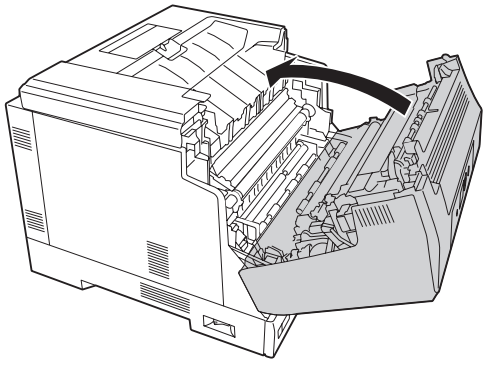


Note:
Do not open cover A using button B.

3. Gently remove the jammed paper with both hands. Be careful not to tear the jammed paper.



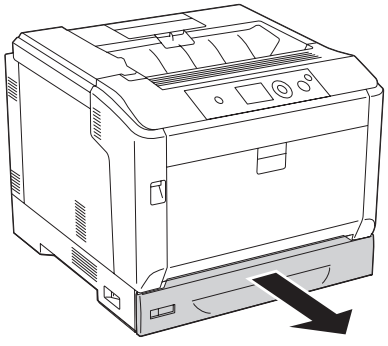
4. Close cover A.



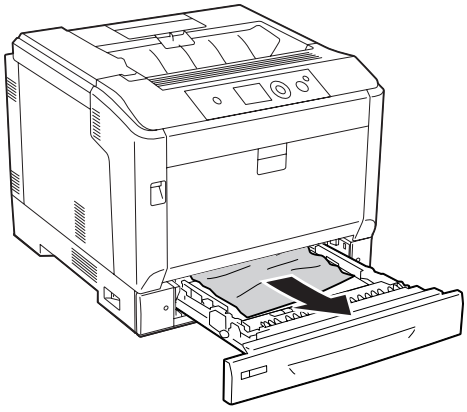
Paper Jam C4, Paper Jam C3, Paper Jam C2, Paper Jam C1 (All paper cassette)

The instruction describes about standard lower paper cassette C1 as an example. Use the same procedure for optional paper cassette C2, C3, and C4.

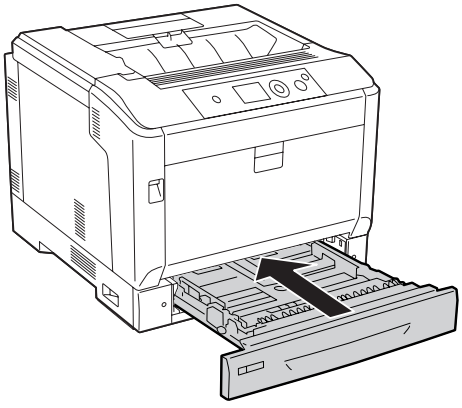
1. Pull out the paper cassette from the printer.



2. Gently remove the jammed paper with both hands. Be careful not to tear the jammed paper.

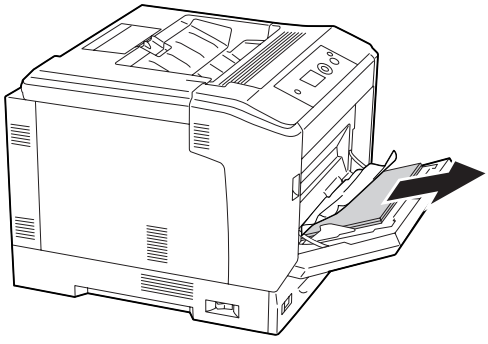


3. Reinsert the paper cassette.

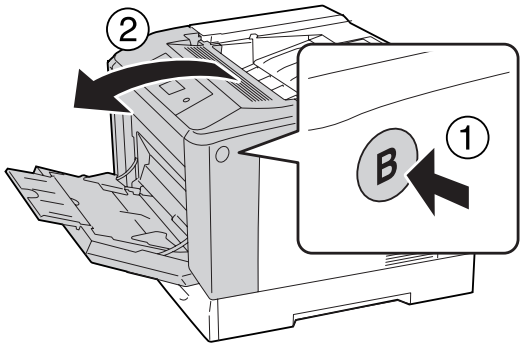


Paper Jam B E (Duplex Unit or Cover E)

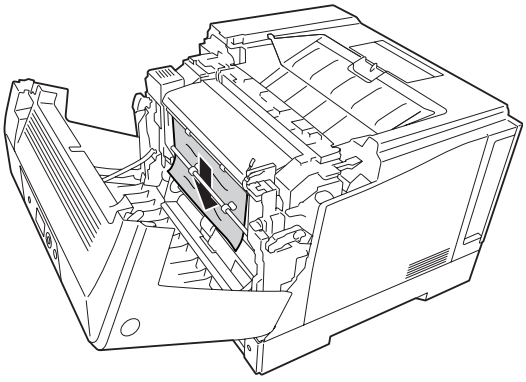
1. Remove the stack of paper.



2. Open cover A using button B.

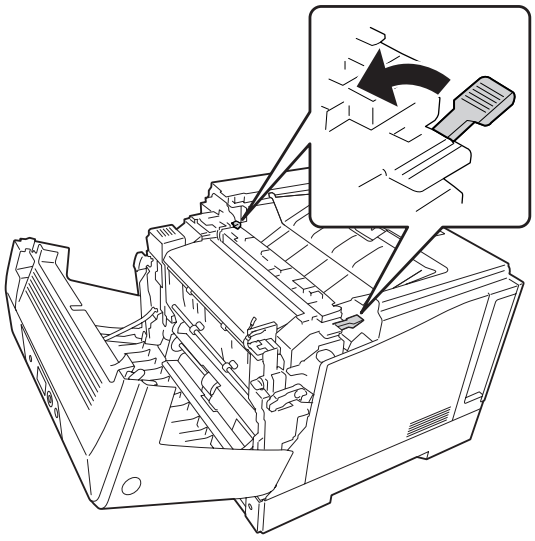


3. If there is any jammed paper, pull the edge of the sheet and remove it gently with both hands. Be careful not to tear the jammed paper.

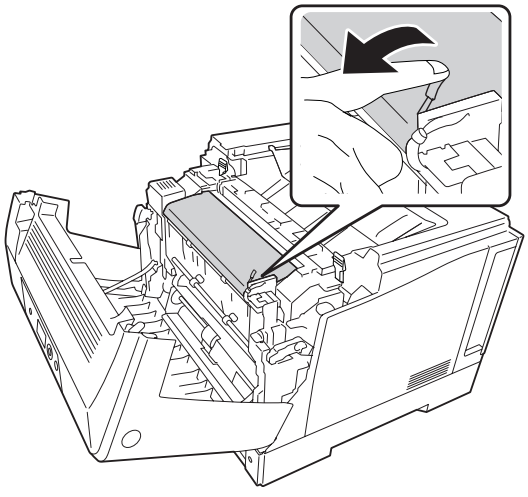


Warning:
Be careful not to touch the fuser, which is marked ***CAUTION****, or the surrounding areas. If the printer has been in use, the fuser and the surrounding areas may be very hot. If you must touch on of these areas, wait 40 minutes to allow the heat to subside before doing so.*

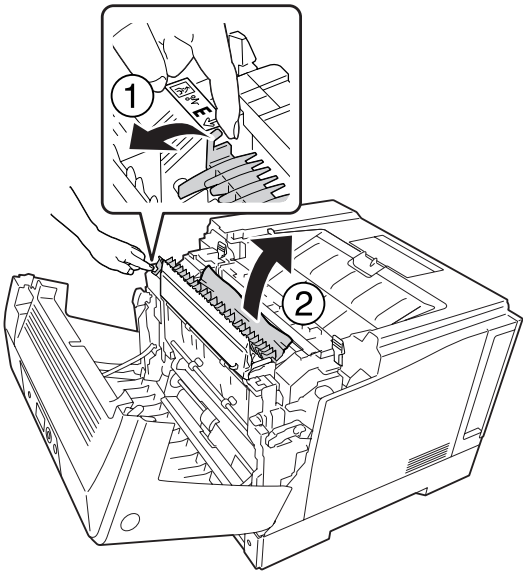
4. Unlock the release levers as shown below.



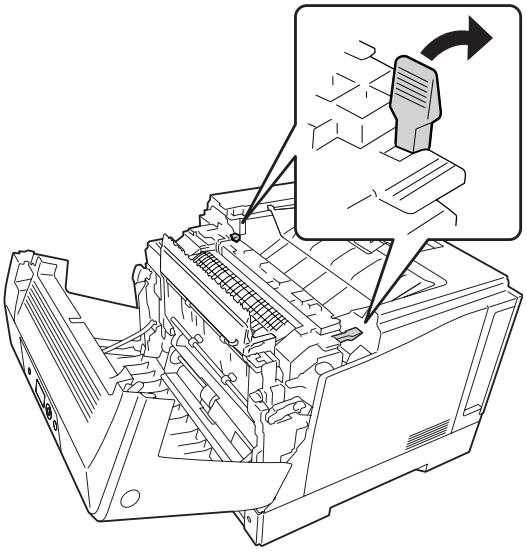
5. Open the duplex unit cover by pulling down the lever E.



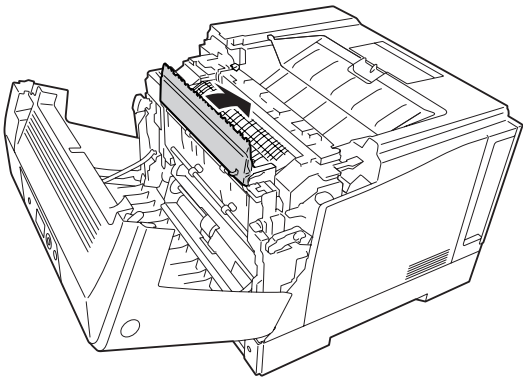
6. Open the paper holder by pulling down the lever E, and then gently remove the jammed paper. Be careful not to tear the jammed paper.



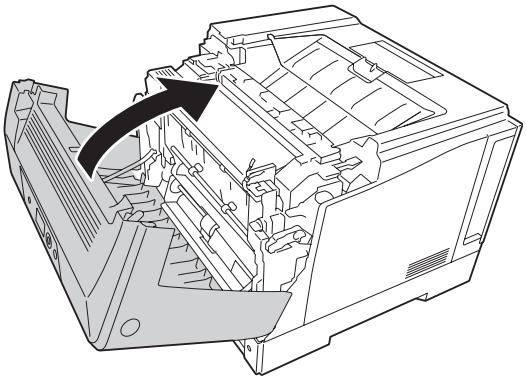
7. Return the release levers as shown below.



8. Close the duplex unit cover.



9. Close Cover A.



Printing a Configuration Status Sheet

To confirm the current status of the printer, and that the options are installed correctly, print a configuration status sheet using the printer's control panel or the printer driver.

To print a configuration status sheet from the printer's control panel, see "Printing a Configuration Status Sheet" on page 107.

To print a configuration status sheet from the printer driver, for Windows, see "Printing a configuration status sheet" on page 175.

Operational Problems

The Ready light does not turn on

Cause	What to do
The power cord may not be properly plugged into the electrical outlet.	Turn off the printer, check the power cord connections between the printer and the electrical outlet, then turn the printer back on.
The electrical outlet may be controlled by an outside switch or an automatic timer.	Make sure that the switch is turned on or plug another electrical device into the outlet to check whether the outlet is operating properly.
The printer is in the sleep mode (the **Wake Up/Sleep** button lights) or in the power off mode (the **Wake Up/Sleep** button blinks).	Press the **Wake Up/Sleep** button to return the printer to ready status.

The printer does not turn off

Cause	What to do
The printer is in the power off mode (the **Wake Up/Sleep** button blinks).	Wait for a while. The printer turns off in approximately two minutes. To not enter the power off mode, set `Power Off Timer` to `Off` in `Energy Saver Menu` on the control panel.

The printer does not print (Ready light off)

Cause	What to do
The printer is offline.	Press the **Start/Stop** button once to switch the printer to ready status. Make sure that the Ready light turns on.
Some error may have occurred.	Check the LCD panel to see if an error message appears.
The printer is in the power off mode (the **Wake Up/Sleep** button blinks).	Press the **Wake Up/Sleep** button to return the printer to ready status. To not enter the power off mode, set `Power Off Timer` to `Off` in `Energy Saver Menu` on the control panel.

The Ready light is on but nothing prints

Cause	What to do
Your computer may not be properly connected to the printer.	Perform the procedure illustrated in the *Setup Guide*.
The interface cable may not be plugged in securely.	Check both ends of the interface cable between the printer and the computer.
You may not be using the correct interface cable.	If you are using the parallel interface, make sure that the cable is a double-shielded, twisted-pair interface cable no more than six feet in length. If you are using the USB interface, use a cable that is compatible with Hi-Speed USB.
Your application software is not properly set up for your printer.	Make sure that the printer is selected in your application software.
Your computer system's memory is too small to handle the volume of data in your document.	Try reducing the image resolution of your document in the application software, or install more memory in your computer if you can.

The remaining service life of the consumables is not updated (Windows only)

Cause	What to do
The interval between updating information for the consumables is too long.	Press the **Get Information Now** button on the Consumable Info Settings dialog box. You can also change the interval for updating information about the consumables on the Consumable Info Settings dialog box.

Cannot install software or drivers

Cause	What to do
You are not accessing the operating system with the administrator privilege.	Access the operating system with the administrator privilege.

Cannot access the shared printer

Cause	What to do
Inappropriate texts are used for the Share name of the shared printer.	Do not use spaces or hyphens for the Share name.
An additional driver cannot be installed on the client computer, although the print server's OS and the client OS are different.	Install the printer drivers from the Software Disc.
Your network system causes this problem.	Ask the administrator of the network for assistance.

Note:
For the additional driver to be installed, please see the table below.

Server OS	Client OS	Additional Driver
Windows XP*	Windows XP clients	Intel Windows 2000 or XP
	Windows XP x64 clients	x64 Windows XP
Windows XP x64, Server 2003, or Server 2003 x64*	Windows XP clients	x86 Windows 2000, Windows XP and Windows Server 2003
	Windows XP x64 clients	x64 Windows XP and Windows Server 2003
Windows Vista, Vista x64, Server2008, or Server2008 x64	Windows Vista or XP clients	x86 Type 3 - User Mode
	Windows Vista x64 or XP x64 clients	x64 Type 3 - User Mode

* The additional driver for Windows XP x64 and Server 2003 x64 can be used on Windows XP Service Pack 2, Windows 2003 Service Pack 1, or later.

Printout Problems

The font cannot be printed

Cause	What to do
For Windows users, you may use the printer fonts substituted for specified TrueType fonts.	In the printer driver, choose the **Print TrueType fonts as bitmap** check box in the Extended Settings dialog box.

Cause	What to do
The selected font is not supported by your printer.	Make sure that you have installed the correct font. See the *Font Guide* for more information.

Printout is garbled

Cause	What to do
The interface cable may not be plugged in securely.	Make sure that both ends of the interface cable are plugged in securely.
You may not be using the correct interface cable.	If you are using the parallel interface, make sure that the cable is a double-shielded, twisted-pair interface cable no more than six feet in length. If you are using the USB interface, use a Revision 2.0 cable.
The emulation setting for the port may not be correct.	Specify the emulation mode by using the printer's control panel menus. See "Emulation Menu" on page 67.

Note:
If a configuration status sheet does not print correctly, your printer may be damaged. Contact your dealer or a qualified service representative.

The printout position is not correct

Cause	What to do
The page length and margins may be set incorrectly in your application.	Make sure that you are using the correct page length and margin settings in your application.
The paper size setting may be incorrect.	Make sure the correct paper size is set in the `Tray Menu` on the control panel.
The `MP Tray Size` setting may be incorrect.	When loading paper for which the size is not specified with `Auto` setting, specify the correct paper size on the `MP Tray Size` setting in the `Tray Menu` on the control panel.

Graphics do not print correctly

Cause	What to do
The printer emulation setting in your application may be incorrect.	Make sure that your application is set for the printer emulation you are using. For example, if you are using the ESC/Page mode, make sure that your application is set to use an ESC/Page printer.
You may need more memory.	Graphics require large amounts of memory. Install an appropriate memory module. See "Memory Module" on page 125.

Color Printing Problems

Cannot print in color

Cause	What to do
Black is selected as the Color setting in the printer driver.	Change this setting to **Color**.
The color setting in the application you are using is not appropriate for color printing.	Make sure that the settings in your application are appropriate for color printing.

The printout color differs when printed from different printers

Cause	What to do
Printer driver default settings and color tables vary by printer model.	Set the Gamma setting to **1.8** in the More Settings dialog box in the printer driver, then print again. If you still do not get the printouts you expect, adjust the color using the slide bar for each color. For details about the More Settings dialog box, see the printer driver's online help.

The color looks different from what you see on the computer screen

Cause	What to do
Printed colors do not exactly match the colors on your monitor, since printers and monitors use different color systems: monitors use RGB (red, green, and blue), while printers typically use CMYK (cyan, magenta, yellow, and black).	Although it is difficult to match colors perfectly, selecting the printer driver's ICM setting can improve color matching between different devices. For details, see the printer driver's online help.
PhotoEnhance may be selected in the printer driver.	The PhotoEnhance feature corrects the contrast and brightness of the original image data, and so may not be suitable for printing vivid images.

Print Quality Problems

The background is dark or dirty

Cause	What to do
You may not be using the correct type of paper for your printer.	If the surface of your paper is too rough, printed characters may appear distorted or broken. Smooth, high-quality copier paper is recommended for best results. See "Available paper types" on page 192 for information on choosing paper.
The paper path inside the printer may be dusty.	Clean internal printer components by printing three pages with only one character per page.

White dots appear in the printout

Cause	What to do
The paper path inside the printer may be dusty.	Clean internal printer components by printing three pages with only one character per page.

Vertical lines appear on the printout

Cause	What to do
The exposure window may be dusty.	Clean the exposure window. For details, see "Cleaning the exposure window" on page 138.

Print quality or tone is uneven

Cause	What to do
Your paper may be moist or damp.	Do not store paper in a humid or damp environment.
One of the toner cartridges may be near the end of its service life.	If the message on the LCD panel or in EPSON Status Monitor indicates that one of the toner cartridges is near the end of its service life, open cover D, make sure the cartridge is locked, and tap the top of the toner cartridge about five times with your finger. If the problem is not resolved, replace the toner cartridge. See "Replacing Consumable Products" on page 134. For Windows users, you can also check the remaining service life of the toner cartridge by looking at the Basic Settings tab in the printer driver.
There may be a problem with photoconductor units.	Replace the photoconductor units. See "Replacing Consumable Products" on page 134.

Half-tone images print unevenly

Cause	What to do
Your paper may be moist or damp.	Do not store paper in a humid or damp environment. Be sure to use paper that is newly unwrapped.
One of the toner cartridges may be near the end of its service life.	If the message on the LCD panel or in EPSON Status Monitor indicates that one of the toner cartridges is near the end of its service life, open cover D, make sure the cartridge is locked, and tap the top of the toner cartridge about five times with your finger. If the problem is not resolved, replace the toner cartridge. See "Replacing Consumable Products" on page 134. For Windows users, you can also check the remaining service life of the toner cartridge by looking at the Basic Settings tab in the printer driver.

Cause	What to do
The gradation setting is too small when printing graphics.	For Windows users, on the Basic Settings tab in the printer driver, click the **Advanced** tab and select the **More Settings** button. Then select the **Halftoning**. The setting above is available only when printing in black-and-white and the Monochrome Model Compatibility check box is selected in the printer driver.
There may be a problem with photoconductor units.	Replace the photoconductor units. See "Replacing Consumable Products" on page 134.

Toner smudges

Cause	What to do
Your paper may be moist or damp.	Do not store your paper in a humid or damp environment.
You may not be using the correct type of paper for your printer.	EPSON Color Laser Paper or smooth, high-quality copier paper is recommended for best results. See "Available paper types" on page 192 for information on choosing paper.
The paper path inside the printer may be dusty.	Clean internal printer components by printing three pages with only one character per page.
There may be a problem with photoconductor units.	Replace the photoconductor units. See "Replacing Consumable Products" on page 134.

Areas are missing in the printed image

Cause	What to do
Your paper may be moist or damp.	This printer is sensitive to moisture absorbed by the paper. The higher the moisture content in the paper, the lighter the printout. Do not store paper in a humid or damp environment.
You may not be using the correct type of paper for your printer.	If the surface of your paper is too rough, printed characters may appear distorted or broken. Smooth, high-quality copier paper is recommended for best results. See "Available paper types" on page 192 for information on choosing paper.

Completely blank pages are output

Cause	What to do
The printer may have loaded more than one sheet at a time.	Remove the paper stack and fan it. Tap it on a flat surface to even the edges, then reload the paper.
The problem may be with your application or interface cable.	Print out a configuration status sheet. See "Printing a Configuration Status Sheet" on page 155. If a blank page is ejected, the problem may be with the printer. Turn off the printer and contact your dealer.
The paper size setting may be incorrect.	Make sure the correct paper size is set in the `Tray Menu` on the control panel.
The `MP Tray Size` setting may be incorrect.	When loading paper for which the size is not specified with `Auto` setting, specify the correct paper size on the `MP Tray Size` setting in the `Tray Menu` on the control panel.
One of the toner cartridges may be near the end of its service life.	If the message on the LCD panel or in EPSON Status Monitor indicates that one of the toner cartridges is near the end of its service life, open cover D, make sure the cartridge is locked, and tap the top of the toner cartridge about five times with your finger. If the problem is not resolved, replace the toner cartridge. See "Replacing Consumable Products" on page 134. For Windows users, you can also check the remaining service life of the toner cartridge by looking at the Basic Settings tab in the printer driver.
There may be a problem with photoconductor units.	Replace the photoconductor units. See "Replacing Consumable Products" on page 134.

The printed image is light or faint

Cause	What to do
Your paper may be moist or damp.	Do not store your paper in a humid or damp environment.
The Toner Save mode may be on.	Turn off the Toner Save mode using the printer driver or the printer's control panel menus. For Windows users, on the Basic Settings tab in the printer driver, click **Advanced** and select the **More Settings** button. Then deselect the **Toner Save** check box.

Cause	What to do
One of the toner cartridges may be near the end of its service life.	If the message on the LCD panel or in EPSON Status Monitor indicates that one of the toner cartridges is near the end of its service life, open cover D, make sure the cartridge is locked, and tap the top of the toner cartridge about five times with your finger. If the problem is not resolved, replace the toner cartridge. See "Replacing Consumable Products" on page 134. For Windows users, you can also check the remaining service life of the toner cartridge by looking at the Basic Settings tab in the printer driver.
There may be a problem with photoconductor units.	Replace the photoconductor units. See "Replacing Consumable Products" on page 134.

The non-printed side of the page is dirty

Cause	What to do
Toner may have spilled onto the paper feed path.	Clean internal printer components by printing three pages with only one character per page.

Print quality decreased

Cause	What to do
The printer cannot print in the required quality level because of insufficient memory, and the printer lowers the quality automatically so that the printer can continue printing.	Check to see if the printout is acceptable. If not, add more memory for a permanent solution or lower print quality temporarily in the printer driver. If `RAM Disk` is set to `Maximum` or `Normal` on the control panel, you can increase the available memory space by changing this setting to `Off`.

Memory Problems

Insufficient memory for current task

Cause	What to do
The printer has insufficient memory for current task.	Reduce the contents of print jobs, or increase the available memory on your printer. You can increase the available memory by installing an optional memory module or CompactFlash memory. See "Installing a memory module" on page 125 or "Installing a CompactFlash memory" on page 130 for details. When RAM Disk is set to Maximum or Normal on the control panel, you can increase the available memory space by changing this setting to Off.

Insufficient memory to print all copies

Cause	What to do
The printer does not have sufficient memory to collate print jobs.	Reduce the contents of print jobs, or increase the available memory on your printer. You can increase the available memory by installing an optional memory module or CompactFlash memory. See "Installing a memory module" on page 125 or "Installing a CompactFlash memory" on page 130 for details. When RAM Disk is set to Maximum or Normal on the control panel, you can increase the available memory space by changing this setting to Off.

Paper Handling Problems

Paper does not feed properly

Cause	What to do
The paper guides are not set correctly.	Make sure that the paper guides in all the paper cassettes and the MP tray are set to the correct paper size positions.
The paper source setting may not be correct.	Make sure that you have selected the correct paper source in your application.

Cause	What to do
There may be no paper in the paper source.	Load paper into the selected paper source.
The size of loaded paper differs from the control panel or printer driver settings.	Make sure that the correct paper size and paper source are set in the control panel or printer driver.
Too many sheets may be loaded in the MP tray or paper cassettes.	Make sure that you have not tried to load too many sheets of paper. For the maximum paper capacity for each paper source, see "General" on page 194.
If paper does not feed from the optional paper cassette unit, the unit may not be installed properly.	For instructions on installing the unit, see "Optional Printer Stand and Paper Cassette Unit" on page 111.
The pickup roller is dirty.	Clean up the pickup roller. For instructions, see "Cleaning the pickup roller" on page 136.
The optional paper cassette may not be installed properly.	See "Optional Printer Stand and Paper Cassette Unit" on page 111 for instructions on installing an optional paper cassette unit.

Problems Using Options

To confirm your options are installed correctly, print a configuration status sheet. See "Printing a Configuration Status Sheet" on page 155 for details.

The message Invalid AUX I/F Card appears on the LCD panel

Cause	What to do
The printer cannot recognize the installed optional interface card.	Turn off the printer, then remove the card. Make sure the interface card is of a supported model.

Paper does not feed from the optional paper cassette

Cause	What to do
The paper guides are not set correctly.	Make sure that the paper guides in the optional paper cassettes are set to the correct paper size positions.
The optional paper cassette may not be installed properly.	See "Optional Printer Stand and Paper Cassette Unit" on page 111 for instructions on installing an optional paper cassette unit.

Cause	What to do
The paper source setting may not be correct.	Make sure you have selected the proper paper source in your application.
There may be no paper in the paper cassette.	Load paper into the selected paper source.
Too many sheets may be loaded in the paper cassette.	Make sure that you have not tried to load too many sheets of paper. For the maximum paper capacity for each paper source, see "MP tray" on page 29 and "Lower paper cassette" on page 31.
The paper size is not set correctly.	Make sure to set the paper guides in the optional paper cassette correctly.

An installed option cannot be used

Cause	What to do
The installed option is not defined in the printer driver.	**For Windows users:** You have to make settings manually in the printer driver. See "Making Optional Settings" on page 175.

The optional product is not available

Cause	What to do
The printer does not recognize the optional product.	Print a configuration status sheet to see if the printer recognizes the optional product. If not, reinstall the optional product.
The setting for recognizing options may be set manually.	See "Making Optional Settings" on page 175 to set the printer driver to automatically update information about options.

Correcting USB Problems

If you are having difficulty using printer with a USB connection, see if your problem is listed below, and take any recommended actions.

USB connections

USB cables or connections can sometimes be the source of USB problems.

For best results, you should connect the printer directly to the computer's USB port. If you must use multiple USB hubs, we recommend that you connect the printer to the first-tier hub.

Windows operating system

Your computer must have one of the operating systems supported by this printer pre-installed, or be a model upgraded from Windows XP, Vista, Server 2003, or Server 2008 to an operating system supported by this printer. You must not be able to install or run the USB printer driver on a computer that does not meet these specifications or that is not equipped with a built-in USB port.

For details about your computer, contact your dealer.

Printer software installation

Incorrect or incomplete software installation can lead to USB problems. Take note of the following and perform the recommended checks to ensure proper installation.

Checking printer software installation

When using Windows, you must follow the steps in the *Setup Guide* packed with the printer to install the printer software. Otherwise, Microsoft's Universal driver may be installed instead. To check if the Universal driver has been installed, follow the steps below.

1. Open the **Printers** folder, then right-click the icon of your printer.

2. Click **Printing Preferences** on the shortcut menu that appears, then right-click anywhere in the driver.

   If **About** is displayed in the shortcut menu that appears, click it. If a message box with the words "Unidrv Printer Driver" appears, you must reinstall the printer software as described in the *Setup Guide*. If About is not displayed, the printer software has been installed correctly.

Note:
For Windows Vista, Vista x64, XP, XP x64, Server 2003, or Server 2003 x64, if the software installation dialog box appears during the installation process, click ***Continue Anyway****. If you click* ***STOP Installation****, you will have to install the printer software again.*

Status and Error Messages

You can see the printer's status and error messages on the LCD panel. For more information, see "Status and Error Messages" on page 92.

Canceling Printing

Press the **II·🗑 Pause/Cancel** button on the printer's control panel.

To cancel a print job before it is sent from your computer, see "Cancelling a Print Job" on page 42.

Printing in the PostScript 3 Mode Problems

The problems listed in this section are those that you may encounter when printing with the PostScript driver. All procedural instructions refer to the PostScript printer driver.

The printer does not print correctly in the PostScript mode

Cause	What to do
The printer's emulation mode setting is incorrect.	The printer is set to the Auto mode by default, so that it can automatically determine the encoding used in the received print job data and select the appropriate emulation mode. However, there are situations where the printer cannot select the correct emulation mode. In this case, it must be set manually to PS3. Set the emulation mode through the SelecType Emulation Menu on the printer. See "Emulation Menu" on page 67.
The printer's emulation mode setting for the interface that you are using is incorrect.	The emulation mode can be set individually for each interface which receives print job data. Set the emulation mode for the interface you are using to PS3. Set the emulation mode through the SelecType Emulation Menu on the printer. See "Emulation Menu" on page 67.

The printer does not print

Cause	What to do
An incorrect printer driver is selected.	Make sure that the PostScript printer driver that you are using to print is selected.
The Emulation Menu in the printer's Control Panel is set to a mode other than Auto or PS3 for the interface that you are using.	Change the mode setting to either Auto or PS3.

The printer or its driver does not appear in utilities in the printer configuration (Macintosh only)

Cause	What to do
The printer name has been changed.	Ask the network administrator for details, then select the appropriate printer name.
The AppleTalk zone setting is incorrect.	Open the **Print & Fax** (for Mac OS X 10.5) or **Printer Setup Utility** (Mac OS X 10.4), then select the AppleTalk zone that the printer is connected to.

The font on the printout is different from that on the screen

Cause	What to do
The PostScript screen fonts are not installed.	The PostScript screen fonts must be installed on the computer that you are using. Otherwise, the font that you select is substituted by some other font for display on the screen.
For Windows users only The appropriate substitution fonts are not correctly specified on the Device Settings tab of the printer's Properties dialog box.	Specify the appropriate substitution fonts using the Font Substitution Table.

The printer fonts cannot be installed

Cause	What to do
The Emulation Menu in the printer's Control Panel is not set to PS3 for the interface that you are using.	Change the Emulation Menu setting to PS3 for the interface that you are using, then try reinstalling the printer fonts again.

The edges of texts and/or images are not smooth

Cause	What to do
The Print Quality is set to **Fast**.	Change the Print Quality setting to **Fine**.
The printer does not have sufficient memory.	Increase the printer memory.

The printer does not print normally via the USB interface

Cause	What to do
For Windows users only The Data Format setting in the printer's Properties is not set to **ASCII** or **TBCP**.	The printer cannot print binary data when it is connected to the computer via the USB interface. Make sure that the Data Format setting, which is accessed by clicking **Advanced** on the PostScript sheet of the printer's Properties, is set to **ASCII** or **TBCP**. If your computer is running Windows Vista, Vista x64, XP, XP x64, click the **Device Settings** tab in the printer's Properties, then click the **Output Protocol** setting and select **ASCII** or **TBCP**.
For Macintosh users only The print setting in the application is set to binary encoding.	The printer cannot print binary data when it is connected to the computer via the USB interface. Make sure that the print setting in the application is set to ASCII encoding.

The printer does not print normally via the network interface

Cause	What to do
For Windows users only The Data Format setting is different from the data format setting specified in the application.	If the file is created in an application that allows you to change the data format or encoding, such as Photoshop, make sure that the setting in the application matches that in the printer driver.

Cause	What to do
For Windows users only The computer is connected to the network using AppleTalk in a Windows 2000 environment, and the **Send CTRL+D Before Each Job** or **Send CTRL+D After Each Job** setting on the Device Settings sheet of the printer's Properties dialog box is set to **Yes**.	Make sure that both the **Send CTRL+D Before Each Job** and **Send CTRL+D After Each Job** settings are set to **No**.
For Windows users only The print data is too large.	Click **Advanced** on the PostScript sheet of the printer's Properties, then change the Data Format setting from **ASCII** data (default) to **TBCP** (Tagged binary communications protocol). When the `Binary` setting is set to `On`, TBCP is not available. Use the Binary protocol. See "PS3 Menu" on page 80 for details.
For Windows users only Printing cannot be performed using the network interface.	Click **Advanced** on the PostScript sheet of the printer's Properties, then change the Data Format setting from **ASCII** data (default) to **TBCP** (Tagged binary communications protocol). When the `Binary` setting is set to `On`, TBCP is not available. Use the Binary protocol. See "PS3 Menu" on page 80 for details.

An undefined error occurs (Macintosh only)

Cause	What to do
The version of the Mac OS that you are using is unsupported.	This printer's driver can only be used on Macintosh computers running Mac OS X version 10.4.11 or later.

Chapter 8

About the Printer Software

Using the Printer Software for Windows

Using the printer driver

The printer driver is the software that allows you to adjust printer settings to get the best results.

Note:
The printer driver's online help provides details on printer driver settings.

Note for Windows Vista users:
Do not press the power button or put your computer to standby or hibernate mode manually during printing.

Accessing the printer driver

You can access the printer driver directly from any application programs, and from your Windows operating system.

The printer settings made from any Windows applications override the setting made from the operating system.

From the application

Click **Print**, **Print Setup**, or **Page Setup** from the File menu. As necessary, click **Setup**, **Options**, **Properties**, or a combination of these buttons.

Windows 7 users

Click the start button, select **Devices and Printers**. Then right-click the printer and select **Printing preferences**.

Windows Vista, Server 2008 users

Click **Start**, click **Control Panel**, then double-click **Printers**. Right-click your printer's icon, then click **Printing Preferences**.

Windows XP, Server 2003 users

Click **Start**, click **Printers and Faxes**. Right-click your printer's icon, then click **Printing Preferences**.

Printing a configuration status sheet

To confirm the current status of the printer, print a status sheet from the printer driver.

Note:
Print the configuration status sheet on A4 size paper (Landscape.)

1. Access the printer driver.
2. Click the **Optional Settings** tab and then click **Configuration** in Print Status Sheets.

Making Extended Settings

You can make various settings in the Extended Settings dialog box. To open the dialog box, click **Extended Settings** on the Optional Settings tab.

Making Optional Settings

The printer driver can update the installed option information automatically if **Update the Printer Option Info Automatically** is selected.

1. Access the printer driver.
2. Click the **Optional Settings** tab, then select **Update the Printer Option Info Manually**.
3. Click **Settings**. The Optional Settings dialog box appears.
4. Make settings for each installed option, then click **OK**.

Displaying consumable product information

The remaining service life of the consumable products is displayed on the Basic Settings tab.

Note:
- ❏ *This function is available only when EPSON Status Monitor is installed.*
- ❏ *This information might be different from the information displayed in EPSON Status Monitor. Use EPSON Status Monitor to get more detailed information about consumable products.*

❏ *If the genuine consumable products are not used, the level indicator and the alert icon showing the remaining service life are not displayed.*

Ordering consumable products and maintenance parts

Click the **Order Online** button on the Basic Settings tab. See "Order Online" on page 183 for details.

Note:
This function is available only when EPSON Status Monitor is installed.

Using EPSON Status Monitor

EPSON Status Monitor is a utility program that monitors your printer and gives you information about its current status.

Installing EPSON Status Monitor

1. Make sure that the printer is off and that Windows is running on your computer.

2. Insert the Software Disc in the CD/DVD drive.

   Note:
   If the Epson Install Navi screen does not appear automatically, click ***Start****, then click* ***Computer*** *(for Windows 7, Vista or Server 2008) or click the* ***My Computer*** *icon on the desktop (for Windows XP or Server 2003). Right-click the CD-ROM icon, click* ***Open*** *in the menu that appears, then double-click* ***Epsetup.exe****.*

3. Click **Software List**.

Note:

❏ *See the Network Guide for information on installing EPSON Status Monitor on a network.*

❏ *If you want to use the printer via the print server, you have to install EPSON Status Monitor from the Software Disc with administrator privileges in each client.*

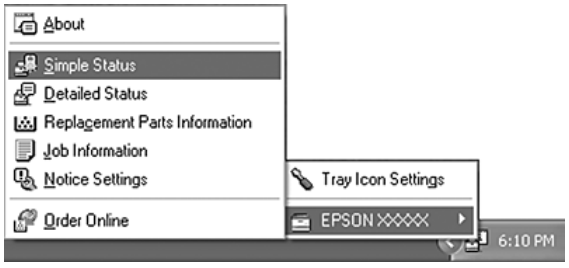
4. Select **Epson Status Monitor** and then click the **Next** button.

5. Read the license agreement statement, then click **Accept**.

6. When the installation is complete, click **Cancel**.

Accessing EPSON Status Monitor

Click the EPSON Status Monitor tray icon on the taskbar, then select the printer name and menu you want to access.



Note:

❏ *You can also access EPSON Status Monitor by clicking the **Simple Status** button on the Optional Settings tab on the printer driver.*

❏ *The Order Online dialog box also appears by clicking the **Order Online** button on the Basic Settings tab in the printer driver.*

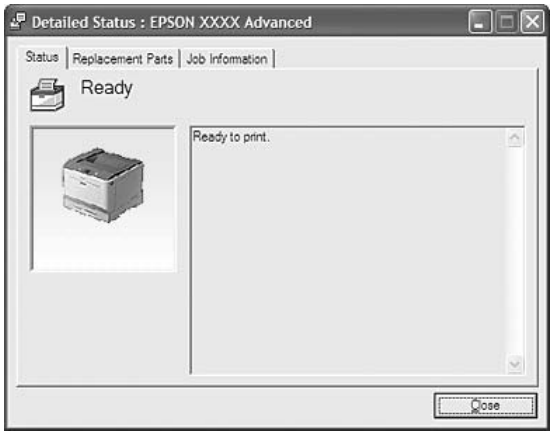
About	You can obtain information about EPSON Status Monitor such as product versions or interface versions.
Simple Status	You can check printer status, errors, and warnings.
Detailed Status*	You can monitor detailed printer status. When a problem occurs, the most probable solution is displayed. See "Detailed Status" on page 178.
Replacement Parts Information*	You can obtain information on paper sources and replacement parts. See "Replacement Parts Information" on page 179.
Job Information*	You can check print job information. See "Job Information" on page 180.

Notice Settings	You can make specific monitoring settings. See “Notice Settings” on page 182.
Order Online	You can order consumable products and maintenance parts online. See “Order Online” on page 183.
Tray Icon Settings	You can set the information to display when the Tray icon is double-clicked while there are no jobs sent from the computer.

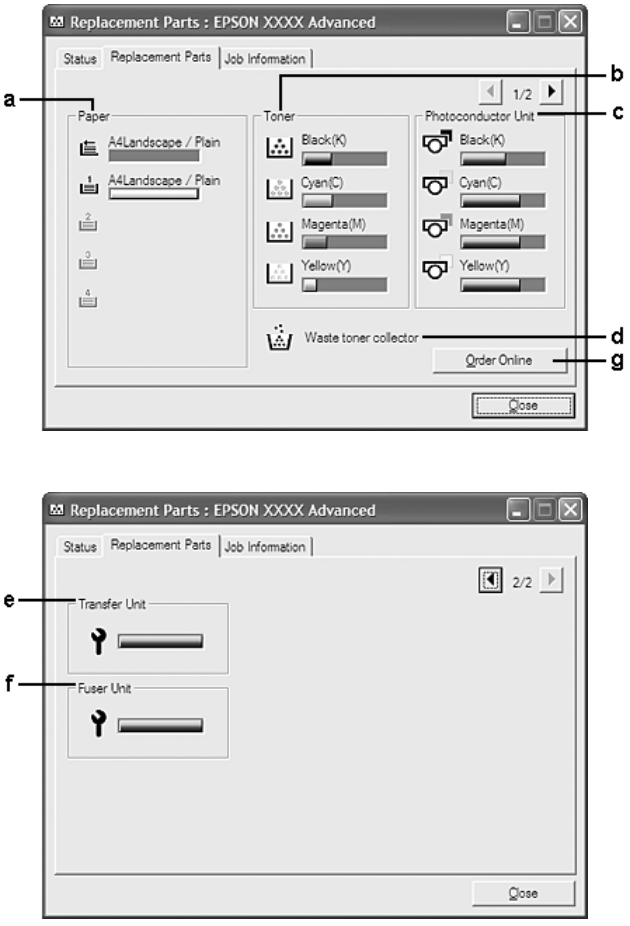
* You can also access any of the menus by clicking the appropriate tab on each information window.

Note for Windows XP users:
EPSON Status Monitor is not available when printing from a Remote Desktop connection.

Detailed Status



Replacement Parts Information



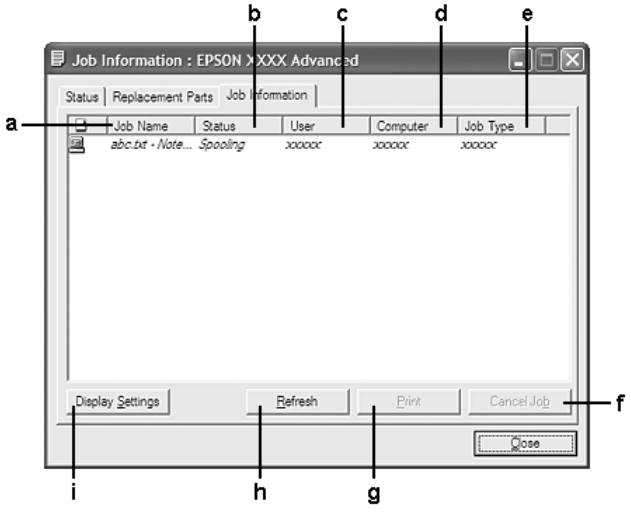
Note:
To change the two windows above, click *or* .

a.	Paper:	Displays the paper size, the paper type and the approximate amount of paper remaining in the paper source.
b.	Toner:	Indicates the remaining service life of the toner cartridge. The toner icon flashes when the toner cartridge has some error or has neared the end of its service life.
c.	Photoconductor Unit:	Indicates the remaining service life of the photoconductor units. The photoconductor unit icon flashes when the photoconductor unit has some error or has neared the end of its service life.
d.	Waste toner collector:	The waste toner collector icon flashes when the waste toner collector has some error or has neared the end of its service life.

e.	Transfer Unit:	Indicates the remaining service life of the transfer unit. The service icon flashes when the transfer unit has some error or has neared the end of its service life.
f.	Fuser Unit:	Indicates the remaining service life of the fuser unit. The service icon flashes when the fuser unit has some error or has neared the end of its service life.
g.	Order Online button:	Clicking this button enables you to order consumable products and maintenance parts online. See “Order Online” on page 183 for details.

Note:
The remaining service lives of the replacement parts are displayed only if genuine Epson parts are used.

Job Information



a.	Job Name:	Displays the user’s print job names. Other user’s print jobs are displayed as --------.	
b.	Status:	Waiting:	Indicates the print job is waiting to be printed.
		Spooling:	Indicates the print job is being spooled on your computer.
		Deleting:	Indicates the print job is being deleted.
		Printing:	Indicates the print job is printed currently.
		Completed:	Indicates the print job have finished.
		Canceled:	Indicates the print job have been canceled.
		Held:	Indicates the print job is on hold.
c.	User:	Displays the user name.	

d.	Computer:	Displays the name of the computer that sent the print job.
e.	Job Type:	Displays the job type. About the Reserve Job function, see "Using the Reserve Job Function" on page 59.
f.	Cancel Job button:	Cancels the selected print job.
g.	Print button:	Prints the held status job.
h.	Refresh button:	Refreshes the information on this menu.
i.	Display Settings button:	Displays the Display Settings dialog box to select items and the order they are displayed on the Job Information screen and to select the type of jobs to be displayed.

Note for Windows XP users:
Shared Windows XP LPR connections and shared Windows XP Standard TCP/IP connections with Windows clients do not support the Job Management function.

The **Job Information** tab is available when the following connections are used:

Server and Client Environments:

- ❏ When using the shared Windows Server 2008, Server 2008 x64, Server 2003, or Server 2003 x64 LPR connection with Windows Vista, Vista x64, XP, or XP x64 clients.
- ❏ When using the shared Windows Vista, Vista x64, Server 2008, Server 2008 x64, Server 2003, or Server 2003 x64 Standard TCP/IP connection with Windows Vista, Vista x64, XP, or XP x64.
- ❏ When using the shared Windows Vista, Vista x64, Server 2008, Server 2008 x64, Server 2003, or Server 2003 x64 EpsonNet Print TCP/IP connection with Windows Vista, Vista x64, XP, or XP x64 clients.

Client only Environments:

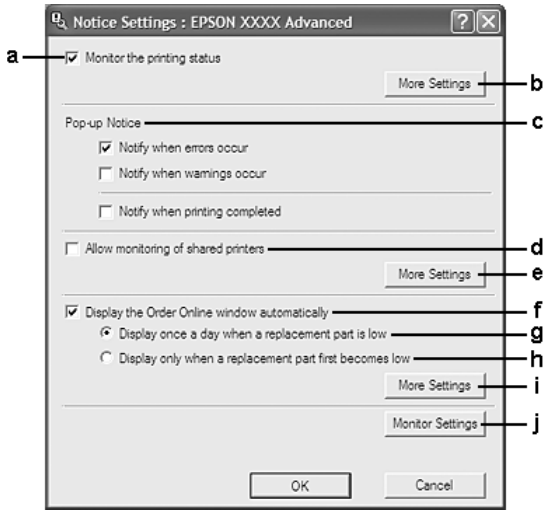
- ❏ When using the LPR connection (in Windows 7, Vista, Vista x64, XP, or XP x64).
- ❏ When using the Standard TCP/IP connection (in Windows 7, Vista, Vista x64, XP, or XP x64).
- ❏ When using the EpsonNet Print TCP/IP connection (in Windows 7, Vista, Vista x64, XP, or XP x64).

Note:
You cannot use this function in the following situations:

- ❏ *When using an optional Ethernet interface card that does not support the job management function.*

❏ *Note that if the user account used to log on to a client is different from the user account used to connect to the server, the job management function is not available.*

Notice Settings



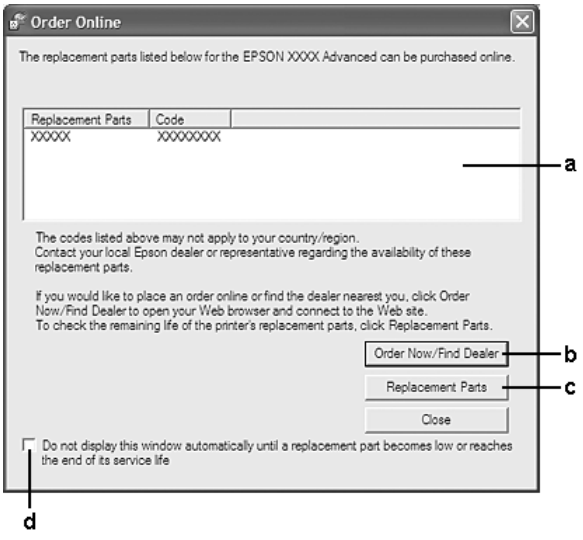
a.	Monitor the Printing Status check box:	When this check box is selected, EPSON Status Monitor monitors the printer status during a print job is processed.
b.	More Settings button:	Opens the More Settings dialog box to set how to display the tray icon.
c.	Pop-up Notice:	Sets the notification to be displayed.
d.	Allow monitoring of shared printers check box:	When this check box is selected, a shared printer can be monitored by other computers. If you connect the printer via a server with Windows Point & Print and the server and the client are both Windows XP or later, it communicates with the OS communication function. Therefore you can monitor the printer without selecting this check box.
e	More Settings button:	Opens the More Settings dialog box to set how to communicate with the shared printer.
f.	Display the Order Online window automatically check box:	When this check box is selected, the Order Online window appears automatically when a replacement part becomes low or reaches end of service life.
g.	Display once a day when a replacement part is low check box:	When this radio button is selected, the Order Online window appears automatically once a day when you start printing or display the status by accessing EPSON Status Monitor.
h.	Display only when a replacement part first becomes low check box:	When this radio box is selected, the Order Online window appears automatically only when a replacement part first becomes low.

i.	More Settings button:	Opens the More Settings dialog box in which you can set the URL for placing an order appears.
j.	Monitor Settings button:	Opens the Monitor Settings dialog box to set the monitoring interval.

Note for Windows 7 or Vista users:
*When **Allow monitoring of shared printers** check box is selected, the User Account Control dialog box will appear. Then click **Continue** to make the settings.*

Note:
When sharing the printer, be sure to set EPSON Status Monitor so that the shared printer can be monitored on the print server.

Order Online



a.	Text box:	Displays the replacement parts and codes.
b.	Order Now/Find Dealer button:	Connects to the URL where you can place an order and find the dealer nearest you. If you do not want a confirmation message, select the **Do not display the confirmation message before connecting** check box in the More Settings dialog box. The More Settings dialog box appears by clicking the **More Settings** button in the Notice Settings dialog box.
c.	Replacement Parts button:	Displays the replacement parts information.

d.	Do not display this window automatically until a replacement part becomes low or reaches the end of its service life check box:	When this check box is selected, the Order Online window appears automatically only when a replacement part first becomes low or reaches end of service life.

Uninstalling the printer software

To uninstall the printer software, close all applications first, and then uninstall the printer software from the following menu on the Control Panel.

❏ **Program and Features** (for Windows 7, Vista, Server 2008)

❏ **Change or Remove Programs** (for Windows XP or Server 2003)

Select the printer software that you want to uninstall, and then click the item below.

❏ **Uninstall/Change** (for Windows 7, Vista, Server 2008)

❏ **Change/Remove** (for Windows XP, Server 2003)

Note:
You can uninstall EPSON Network Utility by selecting EPSON Status Monitor from the menu. If you monitor more than one printer on the network using EPSON Status Monitor, and if you uninstall EPSON Network Utility, you cannot display any printer status from EPSON Status Monitor.

Using the PostScript Printer Driver

System requirements

Printer hardware requirements

	Recommended
Memory	Standard + 64 MB (for duplex printing of image data at Fine)

Note:
Add more memory modules into your printer if the amount of memory currently installed does not meet your printing needs.

Computer system requirements

Windows

	Recommended
OS	Windows 7, 7 x64, Vista, Vista x64, XP, XP x64, Server 2008, Server 2008 x64, Server 2003, or Server 2003 x64
Remarks	No restrictions for these systems

Mac OS X

	Recommended
OS Version	Mac OS X 10.4.11 or later
Computer	Power Mac G3, G4, G5, iMac, eMac, PowerBook G3, G4, or iBook

Note:
To use binary data, Epson recommends that you use AppleTalk for the printer's network connection. If you use a protocol other than AppleTalk for the network connection, you need to set `Binary` *to* `On` *in the* `PS3 Menu` *on the control panel. For details about the settings, see the Network Guide. If you use the printer with a local connection, you cannot use binary data.*

Using the PostScript printer driver with Windows

To print in the PostScript mode, you will have to install the printer driver. See the appropriate sections below for installation instructions according to the interface that you are using to print.

Installing the PostScript printer driver for the USB interface or the parallel interface

Caution:
Never use EPSON Status Monitor and PostScript 3 driver at the same time when the printer is connected via a USB port. It may damage the system.

Note:

❏ *Installing the printer software for Windows may require administrator privileges. If you have problems, ask your administrator for more information.*

❏ *Turn off all virus protection programs before installing the printer software.*

1. Make sure that the printer is turned off. Insert the printer Software Disc into your CD/DVD drive.

2. If the printer is connected to a USB interface, connect your computer to the printer with a USB cable, then turn on the printer. If the printer is connected to a parallel interface, go to step 3.

   Note for Windows Vista users:
   Without the Windows driver or the Adobe PS driver, the display shows "Found New Hardware." In this case, click ***Ask me again later.***

3. For Windows 7, click the start button, select **Devices and Printers**, and click the **Add a printer** button.
   For Windows Vista, Vista x64, XP, XP x64, Server 2008, or Server 2008 x64, click **Start**, point to **Printer and Faxes**, and click **Add a printer** in the Printer Tasks menu.
   For Windows 2000, Server 2003, or Server 2003 x64, click **Start**, point to **Settings**, and click **Printers**. Then double-click the **Add Printer** icon.

4. The Add Printer Wizard appears. Then click **Next**.

5. Select **Local printer**, then click **Next**.

   Note:
   Do not select the ***Automatically detect and install my Plug and Play printer*** *check box.*

6. If the printer is connected to a USB interface, select **USB**, then click **Next**, or if the printer is connected to a parallel interface, select **LPT1**, then click **Next**.

7. Click **Have Disk** and specify the following path for the Software Disc. If your CD/DVD drive is D:, the path will be D:\ADOBEPS\(your printer name)\PS_SETUP. Then click **OK**.

   Note:
   Change the drive letter as needed for your system.

8. Select the printer, then click **Next**.

9. Follow the on-screen instructions for the rest of the installation.

10. When installation is done, click **Finish**.

Installing the PostScript printer driver for the network interface

Note:

❏ *Set the network settings before installing the printer driver. Refer to the Network Guide that comes with your printer for details.*

❏ *Turn off all virus protection programs before installing the printer software.*

1. Make sure that the printer is turned on. Insert the printer Software Disc into your CD/DVD drive.

2. For Windows 7, click the start button, select **Devices and Printers**, and click the **Add a printer** button.
   For Windows Vista, Vista x64, XP, XP x64, Server 2008, or Server 2008 x64, click **Start**, point to **Printer and Faxes**, and click **Add a printer** in the Printer Tasks menu.
   For Windows 2000, Server 2003, or Server 2003 x64, click **Start**, point to **Settings**, and click **Printers**. Then double-click the **Add Printer** icon.

3. The Add Printer Wizard appears. Then click **Next**.

4. Select **Local printer**, then click **Next**.

   Note:
   Do not select the ***Automatically detect and install my Plug and Play printer*** *check box.*

5. Select the **Create a new port check box and select Standard TCP/IP Port** from the drop-down list. Click **Next**.

6. Click **Next**.

7. Specify the IP address and port name, then click **Next**.

8. Click **Finish**.

9. Click **Have Disk** in the Add Printer Wizard and specify the following path for the Software Disc. If your CD/DVD drive is D:, the path will be D:\ADOBEPS\(your printer name)\PS_SETUP. Then click **OK**.

   Note:
   Change the drive letter as needed for your system.

10. Select the printer and click **Next**.

11. Follow the on-screen instructions for the rest of the installation.

12. When installation is done, click **Finish**.

Accessing the PostScript printer driver

You can change the PostScript printer driver settings in the PostScript printer driver. To access the printer driver, see “Accessing the printer driver” on page 174.

Using AppleTalk under Windows 2000

Use the following settings if your machine is running Windows 2000, and the printer is connected through an network interface using the AppleTalk protocol:

- ❏ Select **PS3** as the Network setting in the printer’s emulation mode. For details about the settings, see the Network Guide.
- ❏ On the Device Settings sheet of the printer’s Properties dialog box, make sure that **SEND CTRL-D Before Each Job** and **SEND CTRL-D After Each Job** are set to **No**.
- ❏ TBCP (Tagged binary communications protocol) cannot be used as the Output Protocol setting.

Using the PostScript printer driver with Macintosh

Installing the PostScript printer driver

Note:
Make sure that no applications are running on your Macintosh before installing the printer driver.

For Mac OS X users

Note:
*Make sure that **Print & Fax** (for Mac OS X 10.5 or later) or **Printer Setup Utility** (for Mac OS X 10.4) is not open.*

1. Insert the printer Software Disc into your CD/DVD drive.
2. Double-click the CD-ROM icon.
3. Double-click **Adobe PS**, then double-click **PS Installer**.
4. The Install EPSON PostScript Software screen appears, click **Continue**, then follow the on-screen instructions.
5. Easy Install is displayed on the screen. Click **Install**.

Note:
For Mac OS X 10.4, if the Authenticate window appears, enter the user name and password for an administrator.

6. When installation is done, click **Close**.

Selecting the printer

After installing the PostScript 3 printer driver, you need to select the printer.

In a network environment

For Mac OS X users

Note:
- ❏ *Although **EPSON FireWire** appears in the interface pop-up list, you cannot use FireWire for printer connection in the PostScript 3 mode.*
- ❏ *You need to make the settings for your installed options manually when the printer is connected using USB, IP printing, or Bonjour. When the printer is connected using AppleTalk, the printer software automatically makes the settings.*
- ❏ *Make sure to specify ASCII as the data format in the application.*

1. For Mac OS X 10.5 or later users, open the System Preferences, and then double-click the Print & Fax icon.
   For Mac OS X 10.4 users, open the **Applications** folder, open the **Utilities** folder, and then double-click **Printer Setup Utility**.
   The Printer List window appears.

2. Click **Add** in the Printer List window.

3. Select the protocol or the interface that you are using from the pop-up list.

   Note for AppleTalk users:
   *Make sure to select **AppleTalk**. Do not select **EPSON AppleTalk**, because it cannot be used with the PostScript 3 printer driver.*

   Note for IP Printing users:
   - ❏ *Make sure to select **IP Printing**. Do not select **EPSON TCP/IP**, because it cannot be used with the PostScript 3 printer driver.*

❏ *After selecting **IP Printing**, enter the IP address for the printer, then make sure to select the **Use default queue on server** check box.*

Note for USB users:
*Make sure to select **USB**. Do not select **EPSON USB**, because it cannot be used with the PostScript 3 printer driver.*

4. Follow the instructions as appropriate below to select your printer.

AppleTalk
Select your printer from the Name List, then select **Auto Select** from the Printer Model List.

IP Printing
Select **Epson** from the Name List, then select your printer from the Printer Model List.

USB
Select your printer from the Name List, then select your printer from the Printer Model List.

Note for Mac OS X 10.4 users:
If ESC/Page driver is not installed, your printer model is automatically selected in the Printer Model List when you select your printer from the Name List while the printer is on.

Bonjour
Select your printer, the printer name is followed by (**PostScript**), from the Name List. Your printer model is automatically selected in the Printer Model List.

Note for Bonjour users:
If your printer model is not automatically selected in the Printer Model list, you need to reinstall the PostScript printer driver. See "Installing the PostScript printer driver" on page 188.

5. Click **Add**.

Note for IP Printing users, USB or Bonjour users:
*Select your printer from the Printer list, then select **Show Info** from the Printers menu. The Printer Info dialog box appears. Select **Installable Options** from the pop-up list, then make the necessary settings.*

6. Confirm that your printer's name is added to the Printer List. Then quit **Print & Fax** (for Mac OS X 10.5 or later) or **Printer Setup Utility** (for Mac OS X 10.4).

Accessing the PostScript printer driver

You can change the PostScript printer driver settings in the PostScript printer driver.

Changing the printer setup settings

You can change or update the printer setup settings according to the options installed in your printer.

For Mac OS X users

1. Access the printer driver. The Printer List window appears.
2. Select the printer from the list.
3. Select **Show Info** from the Printers menu. The Printer Info dialog box appears.
4. Make necessary changes to the settings, then close the dialog box.
5. Quit **Print & Fax** (for Mac OS X 10.5 or later) or **Printer Setup Utility** (for Mac OS X 10.4).

Using the PCL6 printer driver

To print in the PCL mode, you will have to install the printer driver. Consult the customer support in your region regarding how to get the printer driver and system requirements such as the versions of supported operating systems.

Appendix A

Technical Specifications

Paper

Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot guarantee the quality of any type of paper. Always test samples of paper stock before purchasing large quantities or printing large jobs.

Available paper types

Paper type	Description
Plain paper	Weight: 60 to 80 g/m² (Recycled paper is acceptable.*)
Envelopes	No paste and no tape. No plastic window. (unless specifically designed for laser printers.)
Labels	The backing sheet should be covered completely, with no gaps between labels.
Semi thick paper	Weight: 81 to 105 g/m²
Thick paper	Weight: 106 to 163 g/m²
Extra thick paper	Weight: 164 to 220 g/m² (for A4 size), 164 to 216 g/m² (for other sizes)
Coated paper	Weight: 105 g/m²
Paper with letterhead	Paper and ink of letterheads must be compatible with laser printers.

* Use recycled paper only under normal temperature and humidity conditions. Poor quality paper may reduce print quality, or cause paper jams and other problems.

Paper that should not be used

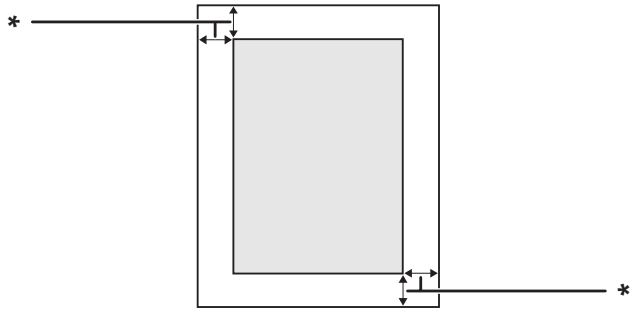
You cannot use the following paper in this printer. It may cause printer damage, paper jams, and poor print quality:

❏ Media meant for other color laser printers, black-and-white laser printers, color copiers, black-and-white copiers, or ink jet printers

- ❏ Previously printed paper by any other color laser printers, black-and-white laser printers, color copiers, black-and-white copiers, ink jet printers, or thermal transfer printers
- ❏ Carbon paper, carbonless paper, thermal-sensitive paper, pressure-sensitive paper, acid paper, or paper that uses high-temperature-sensitive ink (around 175 ˚C)
- ❏ Labels that peel easily or labels that do not cover the backing sheet completely
- ❏ Special surface-coated paper or special surface-colored paper
- ❏ Paper that has binder holes or is perforated
- ❏ Paper that has glue, staples, paper clips, or tape on it
- ❏ Paper that attracts static electricity
- ❏ Moist or damp paper
- ❏ Paper of uneven thickness
- ❏ Overly thick or thin paper
- ❏ Paper that is too smooth or too rough
- ❏ Paper that is different on the front and back
- ❏ Paper that is folded, curled, wavy, or torn
- ❏ Paper of irregular shape, or paper that does not have right angle corners

Printable area

The assured printable area is an area 4 mm from all sides.



* 4 mm

Note:
The printable area may be smaller depending on the application.

Printer

General

Printing method:	Laser beam scanning and dry electrophotographic process	
Print quality:	4800 RIT*1	
Resolution:	300 × 300 dpi, 600 × 600 dpi, 1200 × 1200 dpi	
Continuous printing speed*2:	Up to 30 pages per minute on A4 size paper	
Paper feed:	Automatic or manual feed	
Paper feed alignment:	Center alignment for all sizes	
Input paper supply:		
MP tray:	plain paper	Up to a 17.5 mm thick stack, or up to 155 sheets (60 to 80 g/m^2)
	envelopes	Up to a 17.5 mm thick stack
	labels	Up to a 17.5 mm thick stack
	semi thick paper	Up to a 17.5 mm thick stack, or up to 155 sheets
	thick paper	Up to a 17.5 mm thick stack
	extra thick paper	Up to a 17.5 mm thick stack
	coated paper	1 sheet
Standard lower paper cassette:	plain paper	Up to a 27.6 mm thick stack, or up to 250 sheets
	labels	Up to a 27.6 mm thick stack
	semi thick paper	Up to a 27.6 mm thick stack, or up to 250 sheets
	thick paper	Up to a 27.6 mm thick stack
	extra thick paper	Up to a 27.6 mm thick stack

Optional paper cassette unit:	plain paper	Up to a 59.4 mm thick stack, or up to 550 sheets
	labels	Up to a 59.4 mm thick stack
	semi thick paper	Up to a 59.4 mm thick stack, or up to 550 sheets
	thick paper	Up to a 59.4 mm thick stack
Paper output:	Face-down tray	For all paper types and sizes
Paper output capacity:	Face-down tray	Up to 250 sheets of plain paper (80 g/m^2)
Printer language:	ECP/Page	
	ESC/P 2 24-pin printer emulation (ESC/P 2 mode)	
	ESC/P 9-pin printer emulation (FX mode)	
	IBM Proprinter emulation (I239X mode)	
	Adobe PostScript3 (PS3 mode)	
	PCL6/PCL5 emulation (PCL mode)	
	PDF 1.6	
Resident fonts:	84 scalable fonts, and 7 bitmap fonts for ESC/Page 95 scalable fonts, and 5 bitmap for PCL5 80 scalable fonts, and 1 bitmap for PCL6 136 scalable fonts for PostScript3	
RAM:	256 MB, expandable up to 1024 MB by adding an optional 1024 MB RAM DIMM	

*1 Epson AcuLaser Resolution Improvement Technology

*2 Printing speed varies by paper type or other conditions.

Environmental

Temperature:	In use:	5 to 32˚C (41 to 89.6˚F)
	Not in use:	0 to 35˚C (32 to 95˚F)
Humidity:	In use:	15 to 85% RH
	Not in use:	5 to 85% RH
Altitude:	3,100 meters (10,171 feet) maximum	

Mechanical

Dimensions	Height:	422 mm (16.6 in.)
	Width:	500 mm (19.7 in.)
	Depth:	538 mm (21.2 in.)
Weight	Approx. 41 kg (about 90.4 lb) (Excluding consumables and options)	

Electrical

			110-120 V	**220-240 V**
Rated voltage			110 V-120 V ±10%	220 V-240 V ±10%
Rated frequency			50/60 Hz ±3 Hz	50/60 Hz ±3 Hz
Rated current			9.7 A	4.7 A
Power consumption	During printing	Average	477 W (color mode)	458 W (color mode)
			429 W (black-and-white mode)	403 W (black-and-white mode)
		MAX	1020 W	1020 W
	During ready mode		56 W	56 W
	During preheat mode		41 W	40 W
	During sleep mode*		3.4 W	3.5 W
	During deep sleep mode		0.83 W	0.90 W
	During power off mode		0.16 W	0.23 W

* Values represent power consumption while all operations are completely suspended. Power consumption varies depending on operating conditions, and whether a type-B interface card is installed or a USB memory is inserted.

Standard and approvals

European model:

Low Voltage Directive 2006/95/EC	EN 60950-1 EN 60825-1
EMC Directive 2004/108/EC	EN 55022 Class B EN 55024 EN 61000-3-2 EN 61000-3-3

Interfaces

USB interface

Hi-Speed USB - Compatible with the USB 2.0 Specification

Note:

- ❏ *Your computer must support Hi-Speed USB or USB in order to use Hi-Speed USB or USB as the interface to connect your computer to the printer.*
- ❏ *Since Hi-Speed USB is fully compatible with USB, USB can be used as an interface.*

Ethernet interface

You can use an IEEE 802.3 1000Base-T/100BASE-TX/10 BASE-T straight-through shielded, twisted-pair interface cable with an RJ45 connector.

Options and Consumable Products

Optional paper cassette unit

Product code:	C12C802601
Paper size:	A3, A4, A5, B4, B5, Letter (LT), Legal (LGL), Ledger (B)
Paper weight:	60 to 163 g/m^2 (17 to 43.4 lb)
Paper feed:	Up to three optional paper cassette units can be installed. Automatic feed delivery system Cassette capacity up to 550 sheets

Paper types:	Plain paper, Preprinted paper, Letterhead, Recycled paper, Color paper, Labels, Thick paper, Semi thick paper, Special
Dimensions and weight:	
Height:	163 mm (6.4 in.)
Width:	500 mm (19.7 in.)
Depth:	594 mm (23.4 in.)
Weight:	9.6 kg (21.2 lb) including cassette

Note:
This product conforms to CE marking requirements in accordance with EC Directive 2004/108/EC.

Duplex Unit

Product code:	C12C802612
Paper size:	A3, A4, A5, B4, B5, Letter (LT), Legal (LGL), Government Legal (GLG), Ledger (B), Executive (EXE)
Paper weight:	60 to 105 g/m^2 (16 to 28 lb)
Paper feed:	Automatic feed delivery system
Paper types:	Plain paper, Preprinted paper, Letterhead, Recycled paper, Semi thick paper, Coated paper
Dimensions and weight:	
Height:	181 mm (7.1 in.)
Width:	433 mm (17.0 in.)
Depth:	117 mm (4.6 in.)
Weight:	1.1 kg (2.4 lb) including cassette

Note:
This product conforms to CE marking requirements in accordance with EC Directive 2004/108/EC.

Printer Stand

Product code:	C12C847181

Dimensions and weight:	
Height:	109 mm (4.3 in.)
Width:	512 mm (20.2 in.)
Depth:	518 mm (20.4 in.)
Weight:	5.1 kg (11.2 lb) including bundled items

Memory modules

Make sure that DIMM you purchase is compatible with Epson products. For details, contact the store where you purchased this printer or the Epson sales company.

Memory size:	128, 256, 512, or 1024 MB

Parallel Interface Card

This option enables parallel interface connection. Insert the Parallel Interface Card to Type-B interface card slot.

Product code:	C12C824521

CompactFlash memory

Contact the Epson sales company for detail information.

Toner Cartridge

Product code/Model:	Toner Cartridge (Yellow)	0602*
	Toner Cartridge (Magenta)	0603*
	Toner Cartridge (Cyan)	0604*
	Toner Cartridge (Black)	0605*
	Double Toner Cartridge Pack (Yellow)	0606*
	Double Toner Cartridge Pack (Magenta)	0607*
	Double Toner Cartridge Pack (Cyan)	0608*
	Double Toner Cartridge Pack (Black)	0609*
Storage temperature:	0 to 35˚C (32 to 95˚F)	
Storage humidity:	15 to 80% RH	

* This product conforms to CE marking requirements in accordance with EMC Directive 2004/108/EC.

Photoconductor Unit

Product code/Model:	Photoconductor Unit (Color)	1209*
	Photoconductor Unit (Black)	1210*
Storage temperature:	0 to 35˚C (32 to 95˚F)	
Storage humidity:	15 to 80% RH	

* This product conforms to CE marking requirements in accordance with EMC Directive 2004/108/EC.

Waste Toner Collector

Product code:	Waste Toner Collector	0610
Storage temperature:	0 to 35˚C (32 to 95˚F)	
Storage humidity:	15 to 80% RH	

Appendix B

Where To Get Help

Contacting Epson Support

Before Contacting Epson

If your Epson product is not operating properly and you cannot solve the problem using the troubleshooting information in your product documentation, contact Epson support services for assistance. If Epson support for your area is not listed below, contact the dealer where you purchased your product.

Epson support will be able to help you much more quickly if you give them the following information:

- ❏ Product serial number
  (The serial number label is usually on the back of the product.)
- ❏ Product model
- ❏ Product software version
  (Click **About**, **Version Info**, or similar button in the product software.)
- ❏ Brand and model of your computer
- ❏ Your computer operating system name and version
- ❏ Names and versions of the software applications you normally use with your product

Help for Users in Europe

Check your **Pan-European Warranty Document** for information on how to contact Epson support.

Help for Users in Taiwan

Contacts for information, support, and services are:

World Wide Web

http://www.epson.com.tw

Information on product specifications, drivers for download, and products enquiry are available.

Epson HelpDesk

Phone: +886-2-800212873

Our HelpDesk team can help you with the following over the phone:

- ❏ Sales enquiries and product information
- ❏ Product usage questions or problems
- ❏ Enquiries on repair service and warranty

Repair service center:

http://www.tekcare.com.tw/branchMap.page

TekCare corporation is an authorized service center for Epson Taiwan Technology & Trading Ltd.

Help for Users in Singapore

Sources of information, support, and services available from Epson Singapore are:

World Wide Web

http://www.epson.com.sg

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), Sales Enquiries, and Technical Support via e-mail are available.

Epson HelpDesk

Phone: (65) 6586 3111

Our HelpDesk team can help you with the following over the phone:

- ❏ Sales enquiries and product information

❏ Product usage questions or problems

❏ Enquiries on repair service and warranty

Help for Users in Thailand

Contacts for information, support, and services are:

World Wide Web

http://www.epson.co.th

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and e-mail are available.

Epson Hotline

Phone: 66-2685-9899

Our Hotline team can help you with the following over the phone:

❏ Sales enquiries and product information

❏ Product usage questions or problems

❏ Enquiries on repair service and warranty

Help for Users in Vietnam

Contacts for information, support, and services are:

Epson Hotline

Phone: 84-8-823-9239

Service Center: 80 Truong Dinh Street, District 1, Hochiminh City
Vietnam

Help for Users in Indonesia

Contacts for information, support, and services are:

World Wide Web

http://www.epson.co.id

- ❏ Information on product specifications, drivers for download
- ❏ Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

Epson Hotline

Phone: +62 1500-766

Fax: +62-21 808 66-799

Our Hotline team can help you with the following over the phone or fax:

- ❏ Sales enquiries and product information
- ❏ Technical support

Epson Service Center

Province	Company Name	Address	Phone E-mail
DKI JAKARTA	ESS Jakarta MG. DUA	RUKO MANGGA DUA MALL NO. 48 JL. ARTERI MANGGA DUA - JAKARTA UTARA- DKI	(+6221)62301104 jkt-technical1@epson-indonesia.co.id
NORTH SUMATERA	ESC Medan	Kompleks Graha Niaga, Jl. Bambu II No. A-4, Medan- 20114	(+6261)42066090/42066091 mdn-technical@epson-indonesia.co.id
WEST JAWA	ESC Bandung	JL. CIHAMPELAS NO. 48A-BANDUNG JABAR 40116	(+6222)4207033 bdg-technical@epson-indonesia.co.id
DI YOGYAKARTA	ESC Yogyakarta	YAP Square, Blok A No.6 Jl. C Simanjutak YOGYAKARTA - DIY	(+62274)581065 ygy-technical@epson-indonesia.co.id

Province	Company Name	Address	Phone E-mail
EAST JAWA	ESC Surabaya	HITECH MALL LT.2 BLOK A NO. 24 JL. KUSUMA BANGSA NO. 116 -118 - SURABAYA JATIM	(+6231)5355035 sby-technical@epson-indonesia.co.id
SOUTH SULAWESI	ESC Makassar	JL. GUNUNG BAWAKARAENG NO. 68E - MAKASSAR SULSEL	(+62411)328212 mksr-technical@epson-indonesia.co.id
WEST KALIMANTAN	ESC Pontianak	JL. NUSA INDAH I NO. 40A PONTIANAK KALBAR 78117	(+62561)735507 pontianak-technical@epson-indonesia.co.id
PEKANBARU	ESC PEKANBARU	JL. TUANKU TAMBUSAI NO. 353 - PEKANBARU RIAU	(+62761)21420 pkb-technical@epson-indonesia.co.id
DKI JAKARTA	ESS JAKARTA KEIAI	WISMA KEIAI LT. 1 JL. JEND. SUDIRMAN KAV. 3 JAKPUS DKI JAKARTA	(+6221)5724335 ess.support@epson-indonesia.co.id
EAST JAWA	ESS SURABAYA	JL. JAWA NO. 2-4 KAV. 29, RUKO SURYA INTI, SURABAYA - JATIM	(+6231)5014949 esssby.support@epson-indonesia.co.id
BANTEN	ESS SERPONG	Ruko mall WTC MATAHARI no. 953 SERPONG - Banten	(+6221)53167051 esstag.support@epson-indonesia.co.id
CENTRAL JAWA	ESS SEMARANG	Komplek Ruko Metro Plaza Blok C20 , Jl. MT Haryono No 970 Semarang - Jawa tengah	(+6224)8313807 esssmg.support@epson-indonesia.co.id
EAST KALIMANTAN	ESC SAMARINDA	Jl. KH. Wahid Hasyim (M. Yamin) Kel. Sempaja Selatan Kec. Samarinda Utara Samarinda- Kalimantan Timur (samping kantor pos)	(+62541)7272904 escsmd.support@epson-indonesia.co.id
SOUTH SUMATERA	ESC PALEMBANG	Jl. H.M. Rasyid Nawawi no.249, kelurahan 9 ilir Palembang - Sumsel	(+62711)311330 escplg.support@epson-indonesia.co.id

Province	Company Name	Address	Phone E-mail
EAST JAVA	ESC JEMBER	Jl. Panglima Besar Sudirman No.1 D JEMBER - JAWA TIMUR (Depan Balai Penelitian dan Pengolahan Kakao)	(+62331) 486468,488373 jmr-admin@epson-indonesia.co.id jmr-technical@epson-indonesia.co.id
NORTH SULAWESI	ESC MANADO	Tekno @Megamall, Megamall LG TK-21 Jl. Piere Tendean Kawasan Megamas Boulevard Manado 95111	(+62431)7210033 MND-ADMIN@EPSON-INDONESIA.CO.ID

For other cities not listed here, call the Hot Line: 08071137766.

Help for Users in Hong Kong

To obtain technical support as well as other after-sales services, users are welcome to contact Epson Hong Kong Limited.

Internet Home Page

http://www.epson.com.hk

Epson Hong Kong has established a local home page in both Chinese and English on the Internet to provide users with the following information:

- ❏ Product information
- ❏ Answers to Frequently Asked Questions (FAQs)
- ❏ Latest versions of Epson product drivers

Users can access our World Wide Web home page at:

Technical Support Hotline

You can also contact our technical staff at the following telephone and fax numbers:

Phone: 852-2827-8911

Fax: 852-2827-4383

Help for Users in Malaysia

Contacts for information, support, and services are:

World Wide Web

http://www.epson.com.my

- ❏ Information on product specifications, drivers for download
- ❏ Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

Epson Helpdesk

- ❏ Sales enquiries and product information (Infoline)

  Phone: 603-56288222

- ❏ Enquiries on repair services & warranty, product usage and technical support (Techline)

  Phone: 603-56288333

Head Office

Phone: 603-56288288

Fax: 603-5628 8388

Help for Users in India

Contacts for information, support, and services are:

World Wide Web

http://www.epson.co.in

Information on product specifications, drivers for download, and products enquiry are available.

Helpline

For Service, Product info or to order a cartridge - 18004250011 (9AM - 6PM) (Mon-Sat)

For Service - 186030001600 (9AM - 6PM) (Mon-Sat)

Epson India Head Office - Bangalore

Phone: 080-30515000

Fax: 30515005

Epson India Regional Offices:

Location	Telephone number	Fax number
Mumbai	022-30798200	NA
Delhi	011-33120300/20301	011-33120321
Chennai	044-39677500	044-39677525
Kolkata	033-65009370	033-22831590
Hyderabad	040-64639640/41	040-40359800
Cochin	0484-4012315	0484-4012315
Indore	0731-4701830	0731-2527260
Pune	020-30286000	020-30286000
Ahmedabad	079-33148500/501	079-26407347

Help for Users in the Philippines

World Wide Web

https://www.epson.com.ph

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and E-mail Enquiries are available.

Technical support

To obtain technical support as well as other after sales services, users are welcome to contact the Epson Philippines Corporation at the telephone and fax numbers and e-mail address below:

Trunk Line:	(63-2) 706 2609
Fax:	(63-2) 706 2665
Helpdesk Direct Line:	(63-2) 706 2625
E-mail:	epchelpdesk@epc.epson.com.ph

Our Hotline team can help you with the following over the phone:

- ❏ Sales enquiries and product information
- ❏ Product usage questions or problems
- ❏ Enquiries on repair service and warranty

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