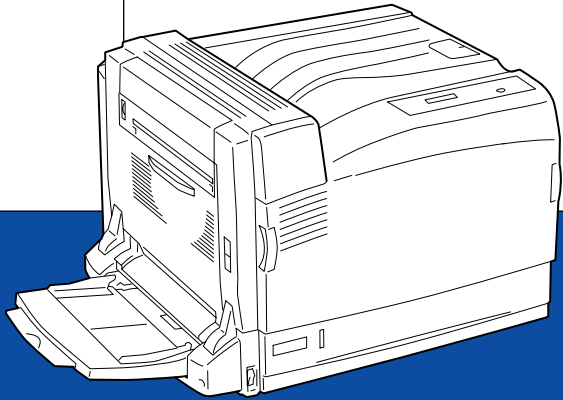


EPSON

Color Laser Printer



EPSON AcuLaser™ C9100

Setup Guide

4050124-00
XXX

Color Laser Printer

EPSON AcuLaser™ C9100

Setup Guide

<i>Safety Instructions</i>	<i>iii</i>
1. Finding a Place	1
2. Removing the Protective Materials	2
3. Installing Consumables	3
4. Plugging in the Printer	10
5. Loading Paper	11
6. Testing the Printer	12
7. Connecting the Printer to a Computer	16
8. Installing the Printer Software	18
<i>Options</i>	<i>25</i>
<i>Getting More Information</i>	<i>25</i>

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Warnings, Cautions, and Notes



Warnings:

must be followed carefully to avoid bodily injury.



Cautions:

must be observed to avoid damage to your equipment.

Notes:

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

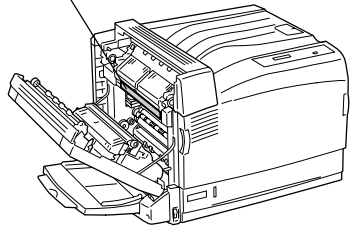
Safety Instructions

Laser Printer Precautions

This printer uses laser technology. Follow the precautions below to ensure safe, efficient operation.

- ❑ Unless specifically instructed in the printer's documentation, be careful not to touch the fuser, which is marked **CAUTION HIGH TEMPERATURE**. If the printer has been in use, the fuser may be very hot.
- ❑ Do not attempt to modify or take the toner cartridge apart. It cannot be refilled.
- ❑ Do not touch the toner and avoid all toner contact with your eyes.
- ❑ 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.
- ❑ Do not dispose of used toner cartridge, photoconductor unit, or waste toner collector in fire, as they can explode and cause injury. Dispose of them according to local regulations.

**CAUTION
HIGH TEMPERATURE**



Important Safety Instructions

Read all of the following instructions before operating your printer:

When choosing a place and power source for the printer

- ❑ Do not place the printer on an unstable surface.
- ❑ Do not put your printer where the cord will be stepped on.
- ❑ 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.
- ❑ The interface connector for this printer is Non-LPS (non-limited power source).
- ❑ Avoid using outlets that other appliances are plugged into.

- ❑ Use the type of power source indicated on the label. If you are not sure of the type of power available, consult your dealer or local power company.
- ❑ If you are unable to insert the plug into the outlet, contact a qualified electrician.
- ❑ When connecting this product 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.
- ❑ 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.
- ❑ 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 product 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.

When using the printer

- ❑ The printer weighs about 55.0 kg (121 lb.). One person should not attempt to lift or carry the printer. Three people should carry it.
- ❑ Follow all warnings and instructions marked on the printer.
- ❑ Unplug this printer from the wall outlet before cleaning.
- ❑ Use a well-wrung cloth for cleaning and do not use liquid or aerosol cleaners.
- ❑ Avoid touching the components inside the printer unless instructed to do so in the printer's documentation.
- ❑ Never force printer components into place. Although the printer is designed to be sturdy, rough handling can damage it.
- ❑ Be sure to keep consumables out of the reach of children.
- ❑ Do not use printer in a damp environment.
- ❑ Do not leave jammed paper inside of the printer. This can cause the printer to overheat.

- ❑ 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.
- ❑ Never spill liquid of any kind on the printer.
- ❑ Except as specifically explained in the printer's documentation, do not attempt to service this product yourself. Opening or removing those covers that are marked **Do Not Remove** may expose you to dangerous voltage points or other risks. Refer all servicing in those compartments to a qualified service representative.
- ❑ 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.

Safety Information

Power cord



Caution:

Be sure the AC power cord meets the relevant local safety standards.

Use only the power cord that comes with this product. Use of the another cord may result in fire or electric shock.

This product's power cord is for use with this product only. Use with other equipment may result in fire or electric shock.

For Singapore Users:

Replace fuses only with a fuse of the correct size and rating.

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. The label shown is attached to the back of the printer in countries where required.



Internal laser radiation

Max. Average Radiation Power:	5 mW at laser aperture
Wavelength:	785 nm

This is a Class III b Laser Diode Assembly that has an invisible laser beam. 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.

CDRH regulations

For information about the Center for Devices and Radiological Health of the U.S. Food and Drug Administration, see the *Reference Guide*.

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 recommended exposure limit for ozone is 0.1 parts per million (ppm) expressed as an average time-weighted concentration over an eight (8) hour period.

The EPSON laser printer generates less than 0.1 ppm for eight (8) hours 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

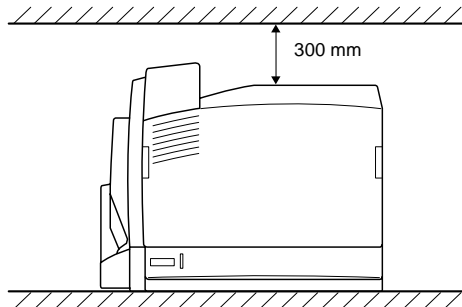
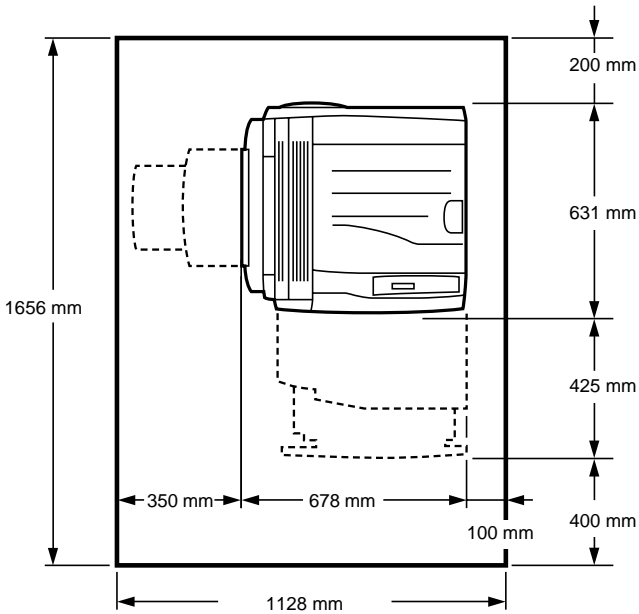
The printer should be located so that the exhaust gases and heat generated are:

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

1

Finding a Place

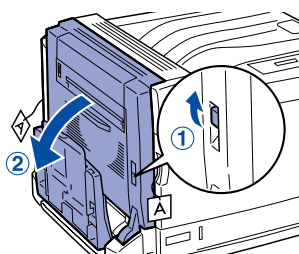
The illustration shows the recommended amount of space. For information and cautions, see Safety Instructions.



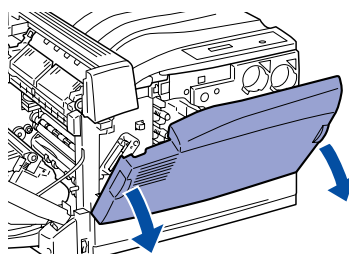
2

Removing the Protective Materials

1. Press the unlock button to unlock the hooks, and open cover A and B.

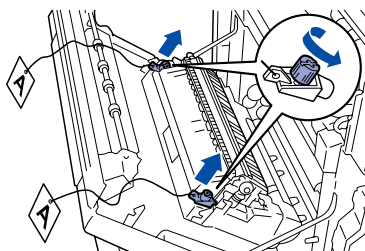


cover B

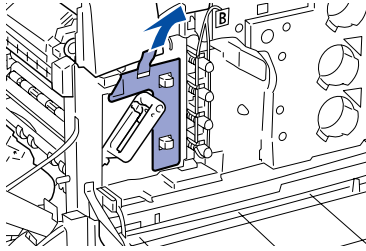


cover A

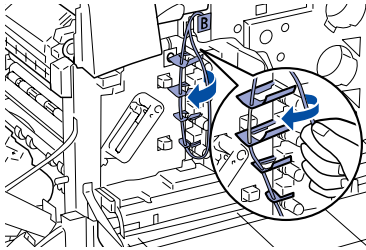
2. Loosen the left and right screws and remove the protective materials that have A tags.



3. Remove the protective material from the intermediate transfer unit by pulling it upward.



4. Remove the protective material that has a B tag by turning the ring wire.




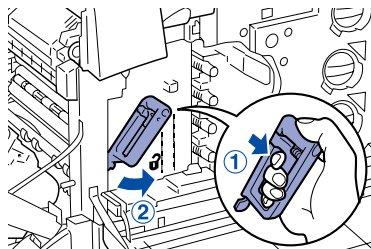
5. Remove the tape and protective material from the standard lower cassette.

3 Installing Consumables

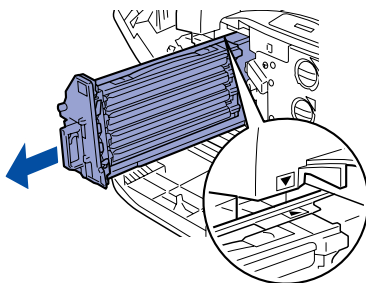
For specifications and handling precautions, see the *Reference Guide*.

Photoconductor Unit

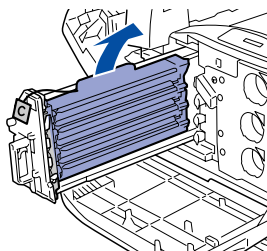
1. Pull the lever inside the handle and turn the handle to the guideline marked with the  icon.



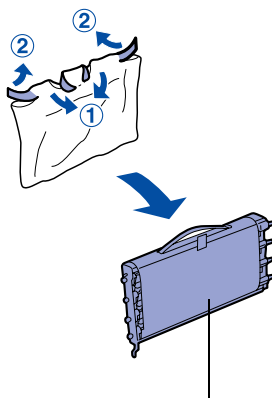
2. Hold the handle of the intermediate transfer unit, and gently pull it out until it stops. Make sure that the ▼ mark of the intermediate transfer unit matches that of the printer.



3. Hold the handle of the orange colored protective material and pull it out while raising it.

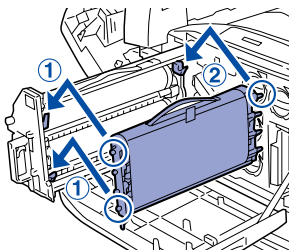


4. Take the photoconductor unit out of its package.

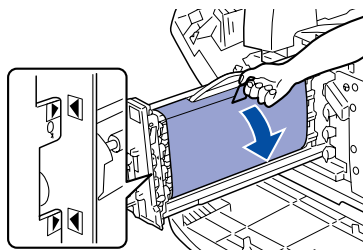


Do not remove the protective sheet

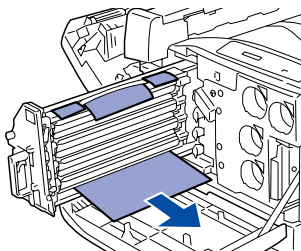
5. Place the photoconductor unit by mounting the two projections near you onto the printer, and then mounting the projections on the other side onto the printer.



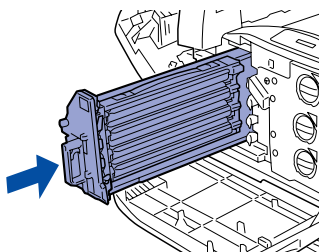
6. Make sure the two ▲ marks on the printer match those of the photoconductor unit, and then remove the tape from the photoconductor unit.




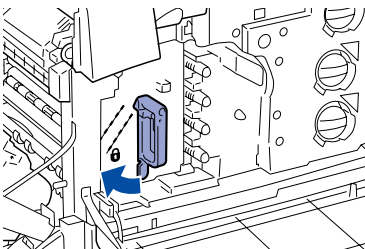
7. Pull out the protective sheet horizontally.



8. Gently Insert the intermediate transfer unit until it stops.

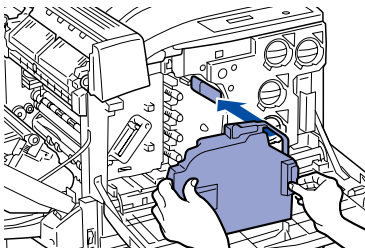


9. Turn the handle of the intermediate transfer unit to the guideline marked with the  icon.



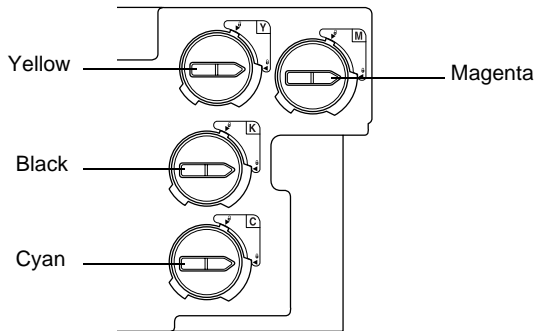
Waste Toner Collector

Take the waste toner collector out of the container. Then install it to the printer as shown below.



Toner Cartridges

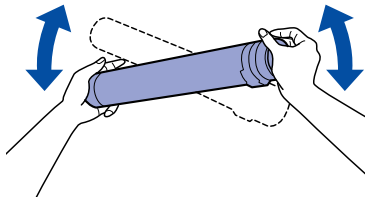
1. Identify the positions for installing the four toner cartridges.



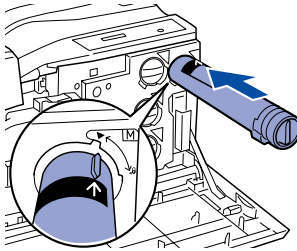
Note:

The following steps are for installing the magenta toner cartridge

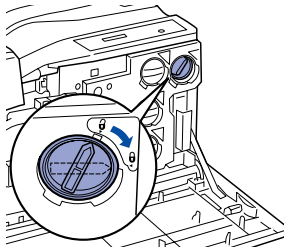
2. Take the new toner cartridge out of its package and gently shake the toner cartridge a few times.



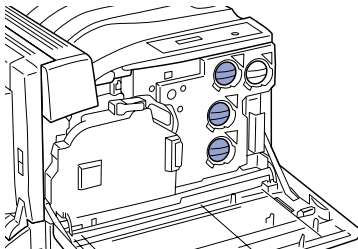
3. Match the arrow mark on the cartridge with the ▼ mark on the printer, and then insert the cartridge all the way until it stops.



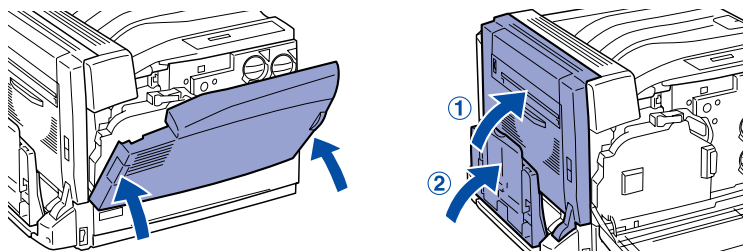
4. Firmly turn the handle on the front of the cartridge until it lines up with the Ⓞ icon.



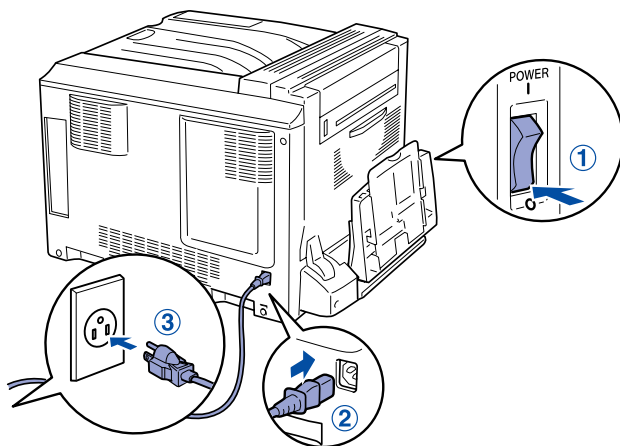
5. Repeat step 2 through 4 to install the remaining toner cartridges.



6. Close cover A and B.

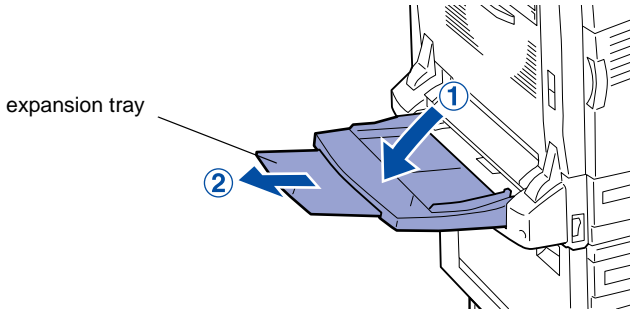


4 Plugging in the Printer

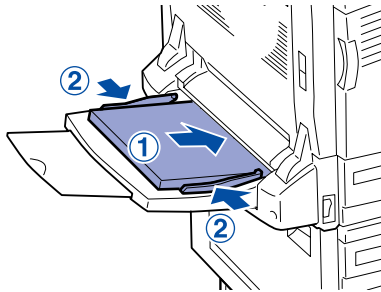


5 Loading Paper

1. Open the MP tray, and pull out the expansion tray.



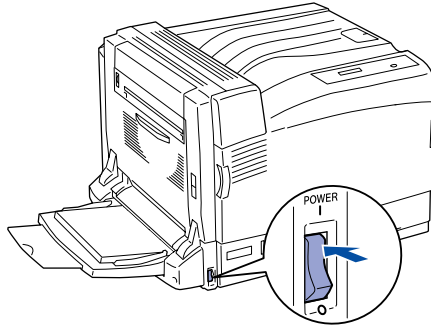
2. Set A4 or Letter paper into the tray with the printable side facing down.




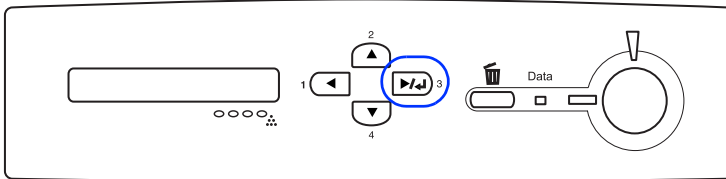
6 Testing the Printer

Printing a Status Sheet

1. Make sure the printer is turned on.






2. Make sure the LCD panel shows **Ready** or **Sleep**, press the  Enter button three times. The printer starts printing a status sheet.

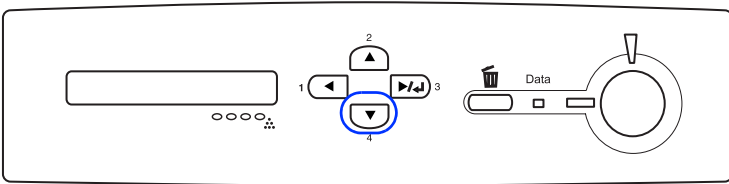



Note:

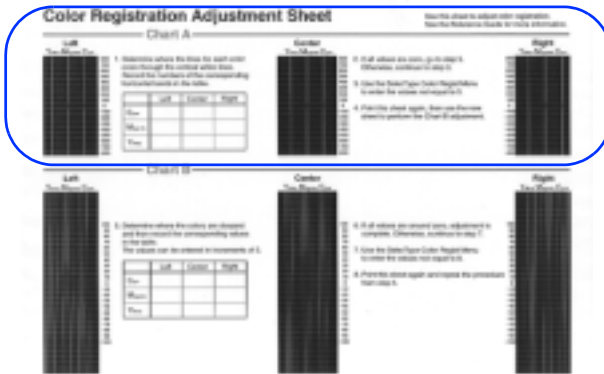
If you are unable to get the printer to print a normal status sheet, contact your dealer.

Checking Color Registration









1. Make sure the LCD panel shows **Ready** or **Sleep**, then press the  Enter button to access the control panel menus.
2. Press the  Enter button again, then press the  Down button several times to display **Color Resist Sheet**.



3. Press the  Enter button. The printer prints a Color Registration Adjustment Sheet.
4. See the color values (Yellow, Magenta, and Cyan) at "Left", "Center", and "Right" in Chart A on the printed Color Registration Adjustment Sheet. Determine where the lines for each color cross through the vertical white lines, and write the numbers of the corresponding horizontal bands in the table.






If the value for each color is zero, proceed to step 13. Otherwise, proceed to step 5 to adjust the color registration.

5. Make sure the LCD panel shows **Ready** or **Sleep**, then press the  Enter button.
6. Press the  Down button several times to display **Color Resist Menu**, then press the  Enter button.
7. Press the  Down button several times to display the color you need to adjust, then press the  Enter button.
For example, to adjust the cyan registration, press the  Down button several times until the LCD panel displays
 **C=Lx, Cx, Rx**, then press the  Enter button.

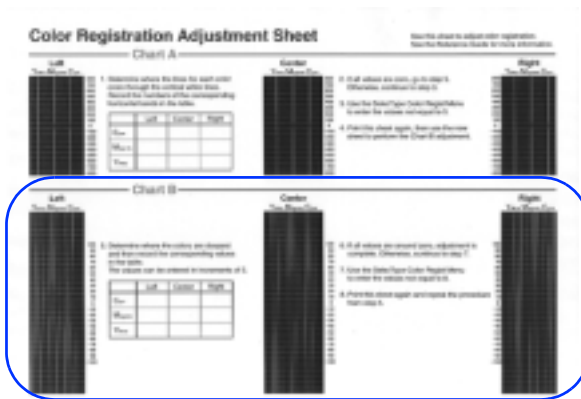
Note:

Y, M, and C displayed in the LCD panel indicate Yellow, Magenta, and Cyan, respectively.

8. Set the values for the colors (Yellow, Magenta, and Cyan) measured in Chart A.
For example, to enter the value for Cyan at "Left", press the  Down button several times to enter the value measured in Chart A. After setting the value for **L** (Left), press the  Enter button, and set the value for **C** (Center) with the same procedure. Then, set the value for **R** (Right) and press the  Enter button.
9. Repeat steps 7 and 8 to enter the values (Left, Center, and Right) for **M** (Magenta).
10. Repeat steps 7 and 8 to enter the values (Left, Center, and Right) for **Y** (Yellow).
11. After the adjustment is complete, press the **Start** button to exit the control panel menus.
12. Repeat steps 1 to 3 to print a Color Registration Adjustment Sheet for confirmation.

If all values are zero in Chart A, adjustment is complete. Otherwise, repeat steps 5 to 12.

- See the color values (Yellow, Magenta, and Cyan) at "Left", "Center", and "Right" in Chart B on the printed Color Registration Adjustment Sheet. Determine where the colors are darkest and write the corresponding values in the table.

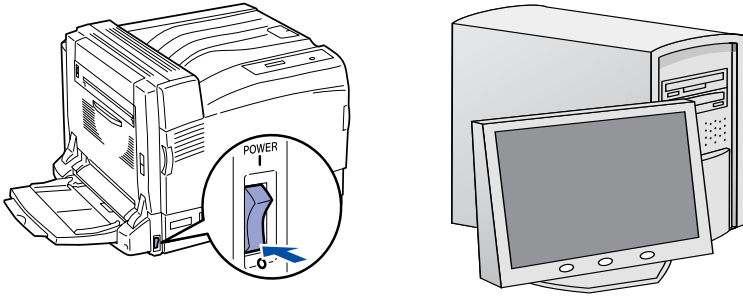


If all values are zero, adjustment is complete. Otherwise, follow steps 5 to 12 to adjust the color registration for Chart B.

7

Connecting the Printer to a Computer

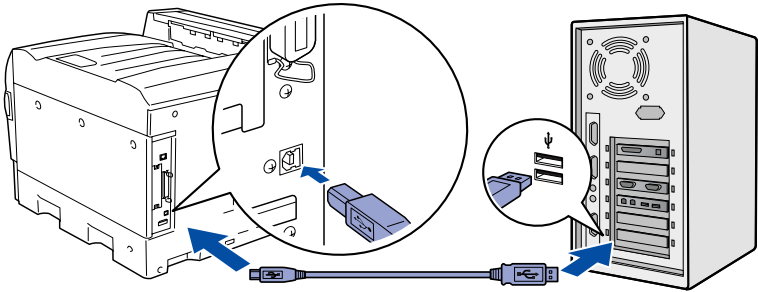
Make sure that both the printer and the computer are off.



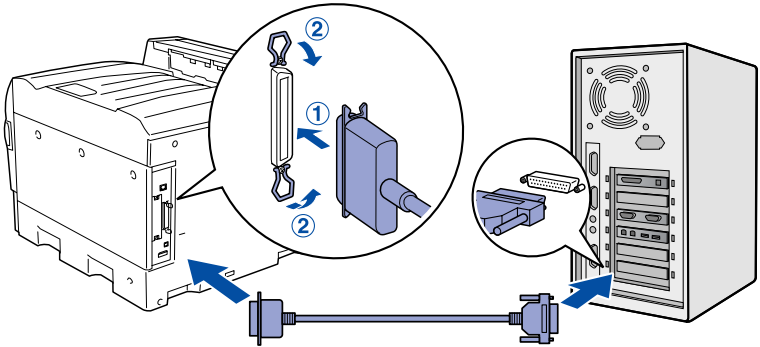
USB or Parallel Interface

Attach the USB or parallel interface cable to the printer. Plug the other end of the cable into the computer's USB or parallel interface connector.

<USB>

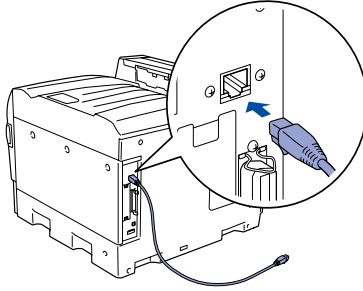


<Parallel>



Network Interface

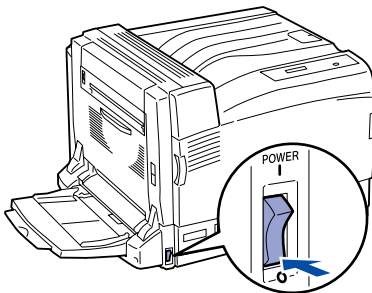
Attach the network interface cable to the printer. Plug the other end of the cable into the network hub.



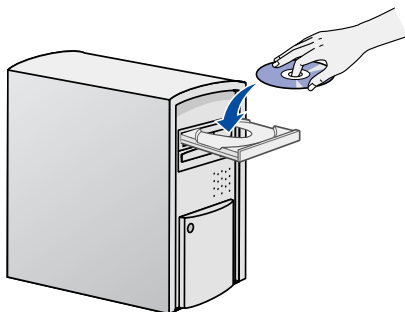
8 Installing the Printer Software

For Windows users

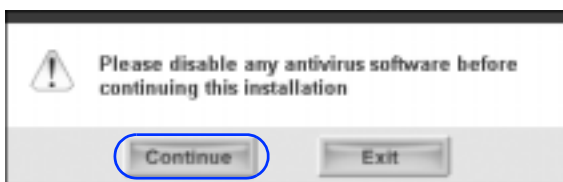
1. Make sure the printer is turned off.



2. Insert the printer software CD-ROM in the CD-ROM drive.

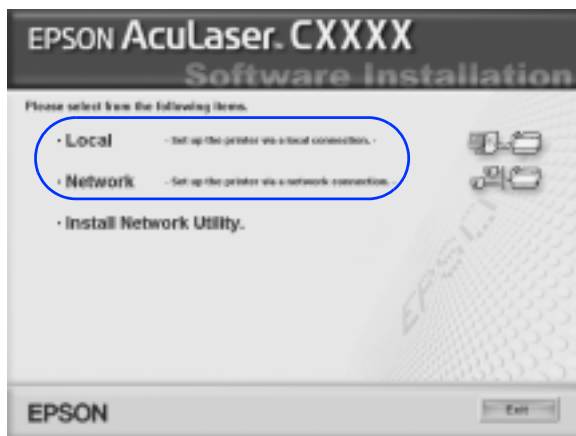


3. Click **Continue**.



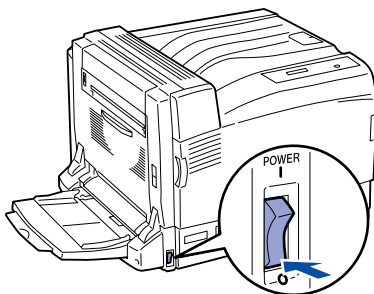
4. When the software license agreement screen appears, read the statement and then click **Agree**.

5. In the dialog box that appears, select **Local** or **Network**. Then follow the on-screen instructions.

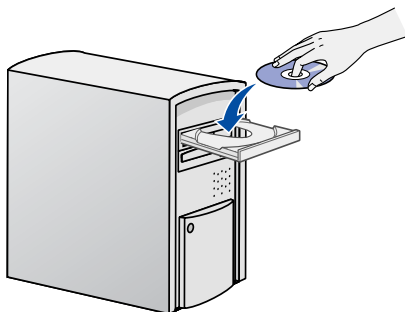


For Macintosh users

1. Make sure the printer is turned off.



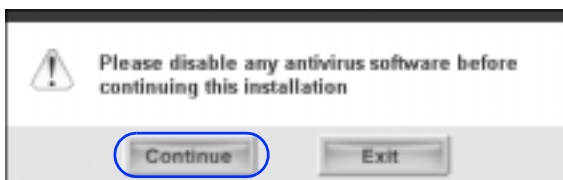
2. Insert the printer software CD-ROM in the CD-ROM drive.



3. For Mac OS X users, double-click the **EPSON** icon, then double-click the **Mac OS X** icon.
For Mac OS 9.x users, double-click the **Mac OS 9** icon.

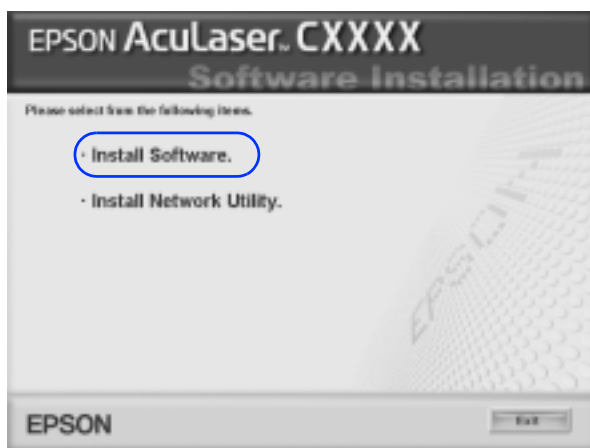


4. Click **Continue**.



5. When the software license agreement screen appears, read the statement and then click **Agree**.

6. In the dialog box that appears, click **Install Software**.

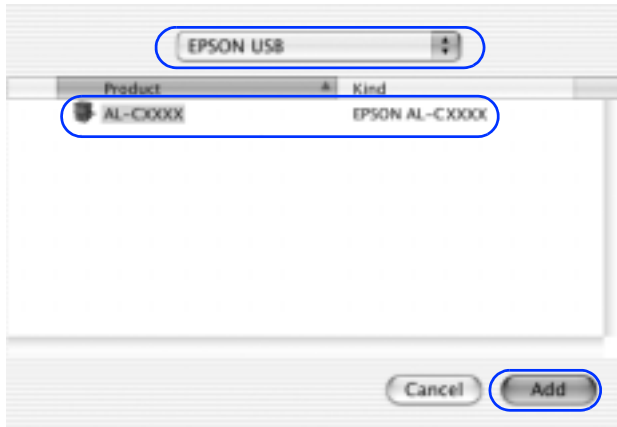


7. Click **Install** and follow the on-screen instructions.

For Mac OS X 10.1.2 or later

1. After installing the software, press the power button to turn on the printer.
2. Open the **Applications** folder on your hard drive, then open the **Utilities** folder and double-click the **Printer Setup Utility** (for Mac OS X 10.3) or **Print Center** (for Mac OS X 10.2 or below) icon.
3. Click **Add Printer** in the Printer List dialog box.

4. Select **EPSON USB** from the pop-up menu. Select **AL-C9100** in the Product list, then click **Add**.

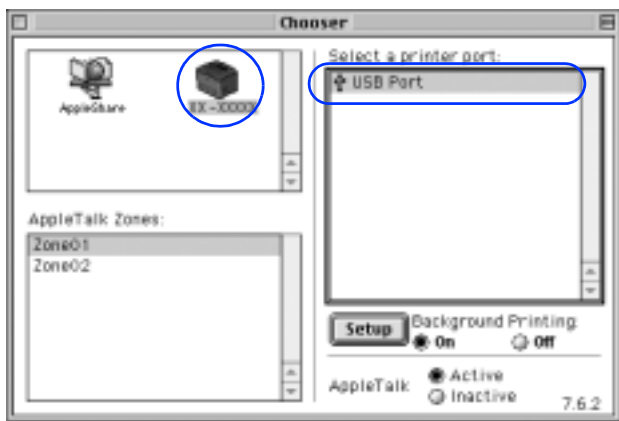


5. Close **Printer Setup Utility** (for Mac OS X 10.3) or **Print Center** (for Mac OS X 10.2 or below).

For Mac OS 9.1 or later

1. After installing the software, press the power button to turn on the printer.

2. Select **Chooser** from the Apple menu. Click your printer's icon, then click the USB port your printer is connected to.



3. Select **Background Printing** to turn background printing on or off.
4. Close **Chooser**.

Options

The printer provides you with a variety of options. For specifications, handling precautions, or installing, see the *Reference Guide* or the instructions that come with the packages.

Getting More Information

Online guides

The CD-ROM shipped with your printer includes the following online guides as well as the printer driver.

Reference Guide

Provides you with detailed information on the printer's functions, optional products, maintenance, troubleshooting, and technical specifications. A *Reference Guide* icon is created on the desktop when the printer software is installed.

Network Guide

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

Paper Jam Guide (PDF guide)

Provides you with solutions for paper jam problems that you may need to refer to on a regular basis. We recommend printing this guide and keeping it near 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.

Installing the Network Guide

1. For Windows users, insert the printer software CD-ROM in the CD-ROM drive.

For Mac OS X users, insert the printer software CD-ROM in the CD-ROM drive, then double-click the **EPSON** icon, then double-click the **Mac OS X** icon.

For Mac OS 9 users, insert the printer software CD-ROM in the CD-ROM drive, then double-click the **Mac OS 9** icon.

2. Click **Continue**.
3. When the software license agreement screen appears, read the statement and then click **Agree**.
4. In the dialog box that appears, click **Install Network Utility**.
5. Select **Network Guide**. Then follow the on-screen instructions.