

EPSON Stylus® C82

Printer Basics

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Welcome!

The EPSON Stylus® C82 printer is the ideal desktop printer for business and home use. With its exceptional speed and print resolutions, it is practical for everyday use, yet capable of delivering when you need superior printing. It provides you with these advanced features:

- EPSON's exclusive DuraBrite™ inks. These quick-drying inks are resistant to water and fading, so prints stand the test of time. Because these ink particles remain near the surface and don't bleed through, they're ideal for double-sided prints.

Note: The light resistance of prints is rated up to 70 years based on accelerated testing of prints on EPSON special media, displayed indoors, under glass. Actual print stability will vary according to media, printed image, display conditions, light intensity, humidity, and other atmospheric conditions. EPSON does not guarantee the longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them.

- Speeds of up to 22 pages per minute for black text printing
- Resolution Performance Management™ (RPM) technology, which optimizes the number and placement of ink droplets on various media. Delivers superior photo quality with manageable print file sizes.
- Exif (Exchangeable Image File) Print format support. This international standard ensures the accurate reproduction of your digital camera images. Most digital cameras store Exif Print information, such as shutter speed, metering, flash, and exposure settings, in the JPEG image file. Your printer, with EPSON Software™ Film Factory,™ uses these settings to create accurate prints.

About Your Software

The CD-ROM that came with your printer includes all the software you need for printing. See the *Start Here* sheet for installation instructions.

- **Your printer driver** runs your printer and lets you control how your documents look. You can't print without it.

Tip: It's a good idea to check EPSON's support web site periodically for free updates to your printer driver. Visit <http://support.epson.com>. Download instructions are posted for your convenience.

- **Your bonus software** includes these great tools:

EPSON Software™ Film Factory™ is a photo management program that lets you organize, beautify, and print your photos in a flash. Supports Exif Print (except with Mac® OS X).



Note: With Exif Print, special image settings such as white balance, contrast, color saturation, and exposure time are saved in your digital photo files. If your digital camera supports Exif Print, you can use this technology when you print with Exif Print enabled applications such as EPSON Software Film Factory.

- **Your EPSON Printer Information Center** gives you quick, on-screen access to information about your printer. It includes EPSON Print Show, animated tutorials on loading special paper, replacing ink cartridges, and other tasks. It also includes your on-screen *Reference Guide* for additional information about your printer. (The desktop icon may be different on some Mac® OS X systems.)



- **EPSON PhotoCenterSM** is EPSON's free photo-sharing web site where you can store, organize, and share your photos; print high-resolution photos straight from the web; and create free online postcards with your photos. Your printer software installer lets you add a link to the EPSON PhotoCenter on your desktop.



About Your Documentation

To set up your printer, see the *Start Here* sheet. You'll also find information on the *Start Here* sheet for installing the printer software for Windows® XP, Windows Me, and Windows 98, and Macintosh® OS 8.6 to 9.x.

This book contains system requirements, important safety information, your warranty, and instructions on:

- Using the EPSON Printer Information Center
- Printing with Windows or on a Macintosh
- Maintaining the printer
- Solving basic problems
- Installing printer software on Windows 2000, Windows 95, Windows NT 4.x, and Macintosh OS X

Please follow these guidelines throughout:

Warnings must be followed carefully to avoid bodily injury.

Cautions must be observed to avoid damage to your equipment.

Notes contain important information about your printer.

Tips contain hints for better printing.

For more details about your printer, use your EPSON Printer Information Center, described in the next section.

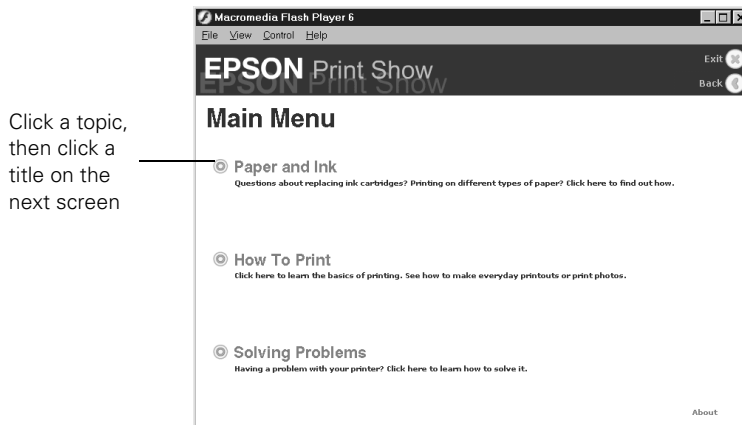
Using the EPSON Printer Information Center

Need help loading special paper, replacing ink cartridges, or cleaning the print head? Use the EPSON Printer Information Center (EPIC) to view printer movies that quickly tell you how. EPIC also includes an on-screen *Reference Guide* with additional printer details. If you haven't installed the EPSON Printer Information Center, follow the instructions on the *Start Here* sheet or beginning on page 53 of this manual.

Note: You need a browser—such as Microsoft® Internet Explorer® 4.0 or later or Netscape Navigator® 3.0 or later—to view the manual. If you are using a different browser, the pages may not display correctly.

Launching the Movies

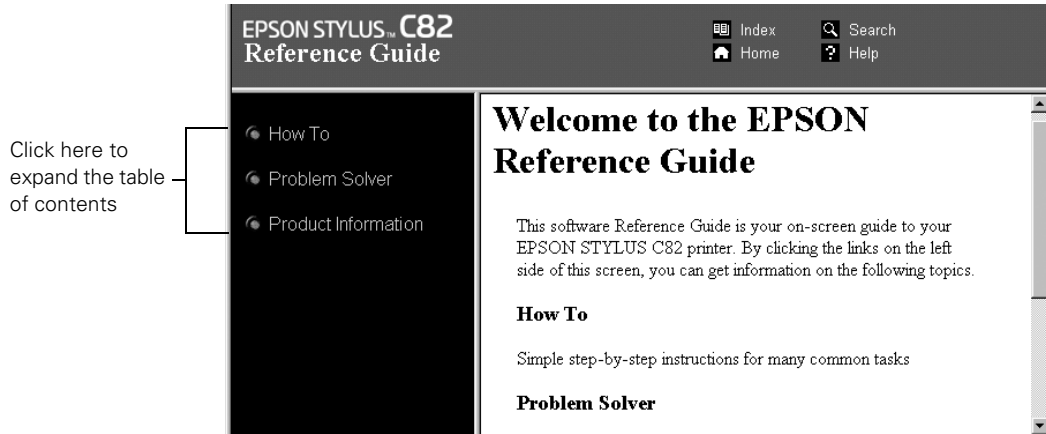
1. Double-click the  EPSON Printer Information Center icon on your desktop. (The desktop icon may be different on some Mac OS X systems.)
 2. Click Print Show.
 3. Click the appropriate topic, then click the title of the movie you want to watch.
- Use the program tools to pause a movie, replay a step, or skip ahead.



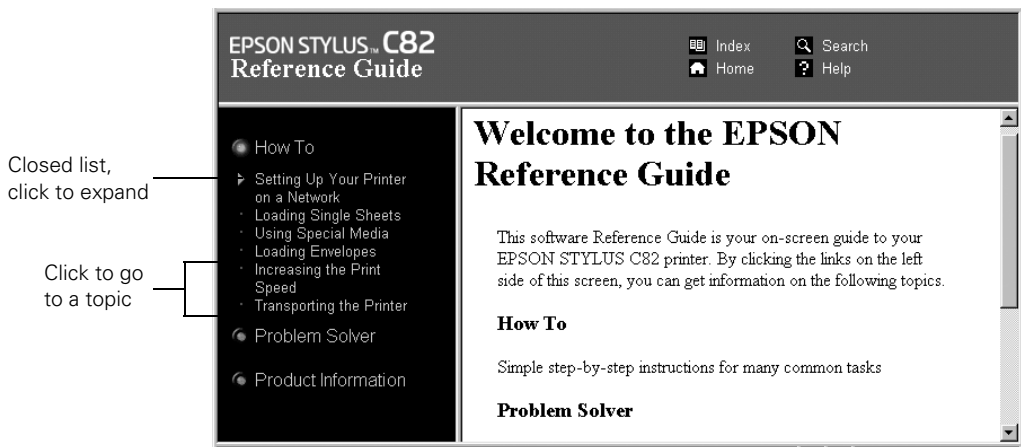
4. Click Exit to exit Print Show.

Launching the Manual

1. Double-click the  EPSON Printer Information Center icon on your desktop.
2. Click Reference Guide. You see this screen:



3. Click a topic on the left to expand the table of contents.
4. Click on the topic you want to view.
 - Click right arrows  to view subtopics, then click on a topic.
 - Click down arrows  to close a subtopic list.



Note: If you see an icon for a graphic when viewing your *Reference Guide* in Netscape Navigator, click the Reload button to load the graphic.

Printing from Start to Finish

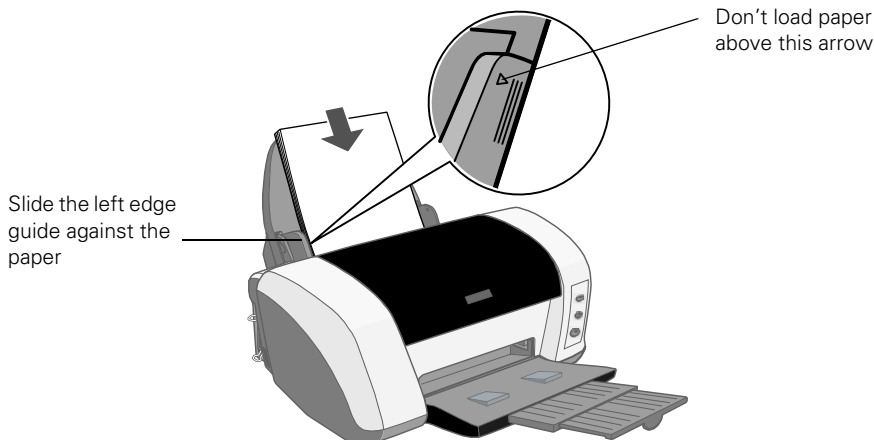
Here's what to do to print a basic document—such as a photograph or newsletter—from loading the paper to selecting print settings to controlling the print job. Follow the instructions in these sections:

- “Loading Paper” below
- “Printing with Windows” on page 10
- “Printing on a Macintosh” on page 15
- “Selecting the Correct Paper Type” on page 23

Loading Paper

You can load up to 150 sheets of plain paper in your printer's sheet feeder.

1. Fan the stack of paper and place it against the right edge guide. Don't push the paper in.
2. Slide the left edge guide against the paper, but not too tightly.
3. Pull out the output tray extensions.



Follow these guidelines when loading paper:

- Don't load paper above the arrow on the left edge guide.
- Load the printable side face up. It's usually whiter or brighter than the other side.
- Always load the short edge first, even when printing in landscape mode.
- Load letterhead or preprinted paper into the printer top edge first.
- If you experience paper feeding problems, try loading fewer sheets.

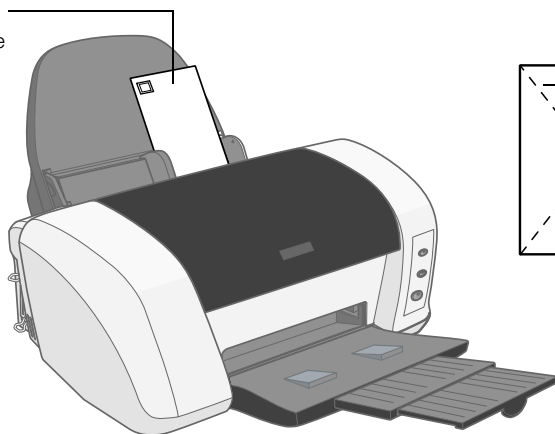
For instructions on using special media, see on-screen *Reference Guide*, or double-click the  EPSON Printer Information Center on your desktop to watch your printer movies.

Loading Envelopes

You can load up to 10 envelopes at a time. Follow these steps:

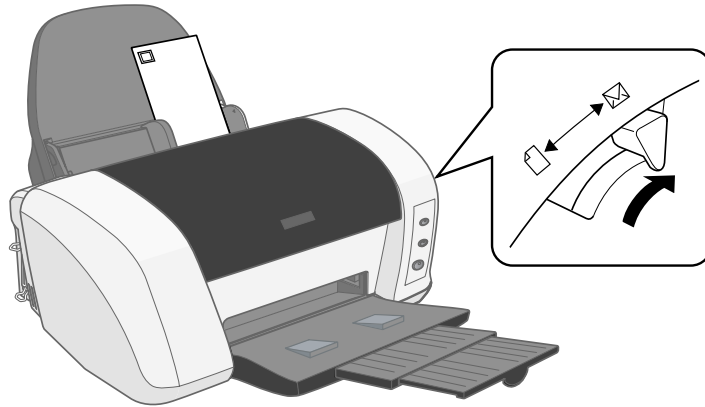
1. Load the envelopes short edge first against the right edge of the sheet feeder. The printable side should be up, and the flap side should be down and on the left. Slide the left edge guide against them.

Load with the printable side up and the flap side down



Make sure the flap side is on the left

2. Move the thickness lever on the side of the printer to the ☒ position. (Remember to move the thickness lever back to the ☐ position when you're done.)



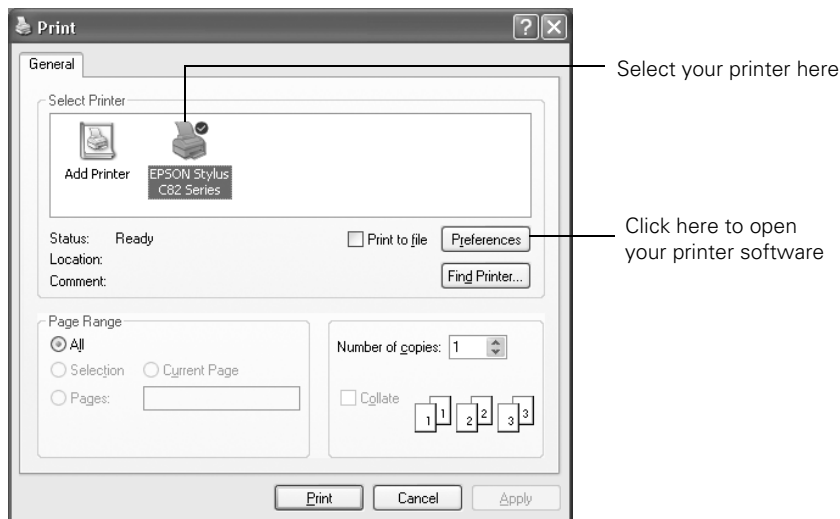
3. Before you print, make these settings:
 - For Orientation, select **Landscape** (for OS X, select the middle icon in the Orientation section of the page setup dialog box).
 - For paper Type (Windows) or Media Type (Macintosh), select **Plain Paper**.
 - Choose the correct envelope size as the paper **Size** (Windows) or **Paper Size** (Macintosh). The most common envelope size is **Envelope #10**.

See page 10 (Windows) or page 15 (Macintosh) for more information about making printer software settings.

Printing with Windows

This section describes the basic steps for printing with Windows. Make sure you have paper in the printer, as described on page 7. After you create your document in a software program, follow these steps to print:

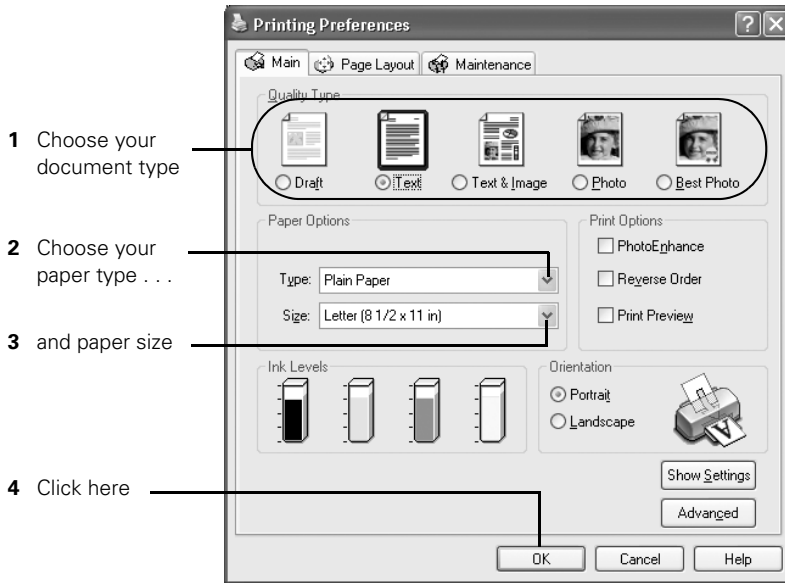
1. From the File menu, click **Print**. You see your application's Print dialog box (your dialog box may look different):



2. Make sure your EPSON Stylus C82 printer is selected.
3. Click the **Properties** or **Preferences** button. (If you see a **Setup**, **Printer**, or **Options** button, click it. Then click **Properties** or **Preferences** on the next screen.)

Note: If you click the print icon on your application's toolbar instead of selecting Print from the File menu, you may not get the option to change the printer software settings before printing.

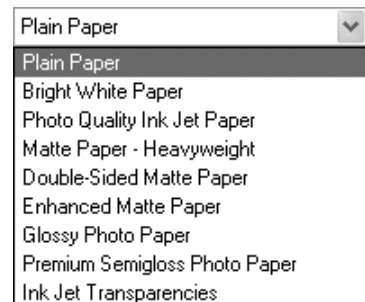
You see the Main menu of your printer settings dialog box.



4. Select the type of document you're printing:

- **Draft:** For rough drafts on plain paper. Saves ink.
- **Text:** For text-only documents, like letters or reports. Delivers high-quality text printing.
- **Text & Image:** For documents that have both text and images, like newsletters.
- **Photo:** For photos and graphics, when you want good quality with faster printing.
- **Best Photo:** For photos or graphics, when you need highest quality printing.

5. Choose the type of paper you're printing on (click the arrow to scroll through the **Type** list). If you're not sure which setting to select, see page 23.



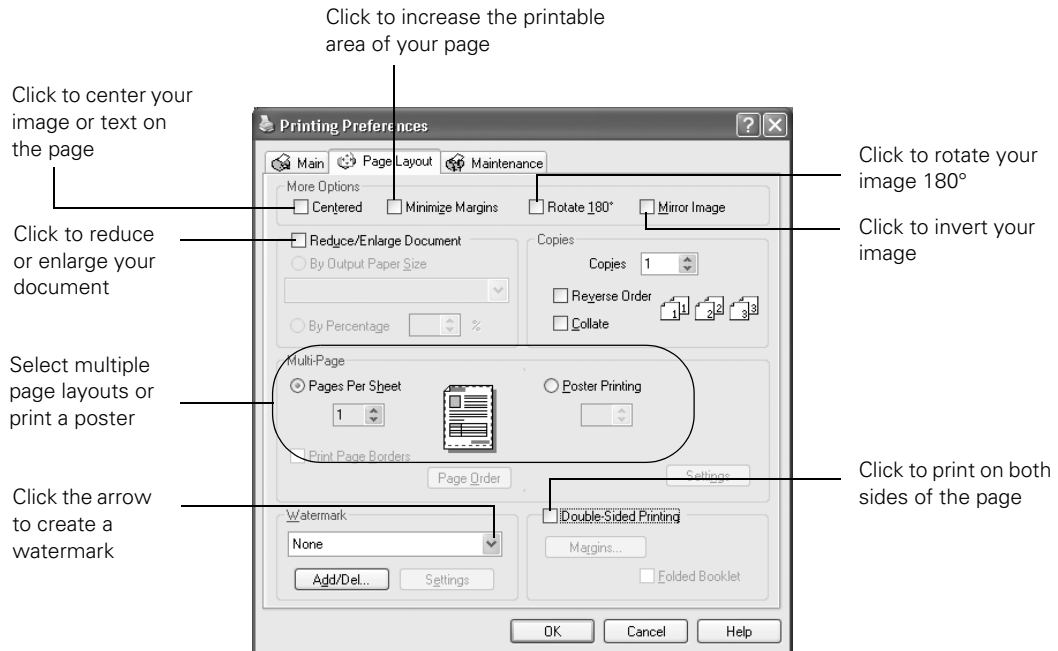
6. You can also make these settings:

- **PhotoEnhance:** Improves the appearance of low-resolution and improperly exposed photos.
- **Reverse Order:** Prints your document so that the pages are in the right order when you retrieve them from the paper tray.
- **Print Preview:** Lets you see what your printout will look like before you print.

Tip: For more information about printer settings, click the **?** or **Help** button.

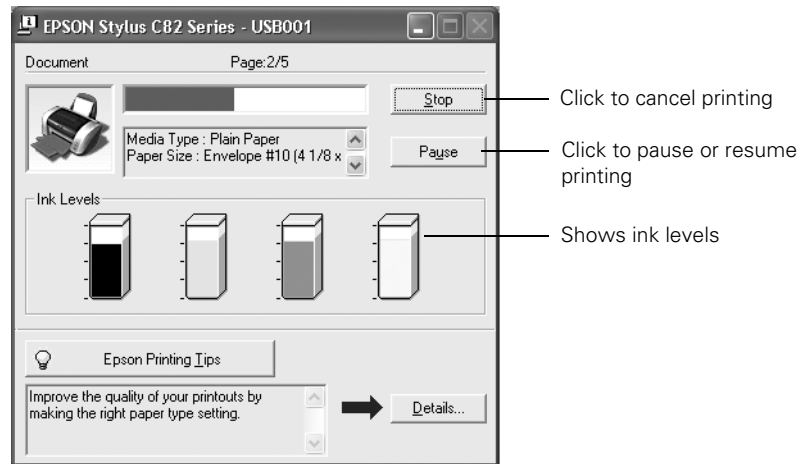
7. If you're done, click **OK** to return to the Print dialog box and print, or . . .

Click the **Layout** tab at the top of the window to make various layout settings:



8. Click **OK** to return to the Print dialog box and print.

During printing, this window appears and shows the progress of your print job. You can use the buttons to cancel, pause, or restart printing. You can also see how much ink you have left.



Note: You can also press the printer's  button to cancel a print job in progress.

Selecting the Settings You Use Most Often

Your printer settings apply only to the application you're currently using. If you usually print one type of document in different applications—for example, color flyers on letter-size paper—you can change the default printer settings for all your programs.

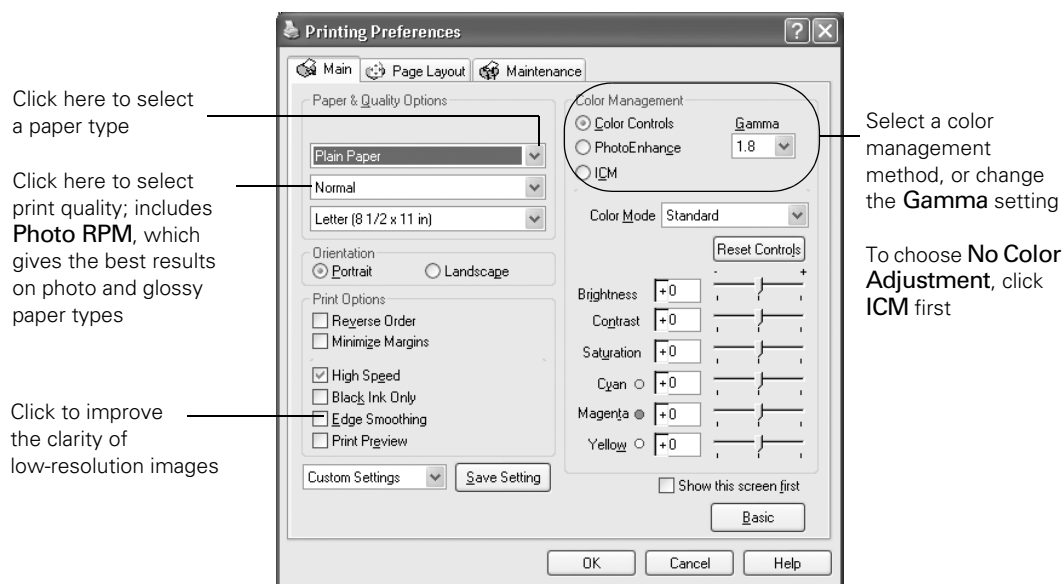
1. Right-click the  printer icon on your taskbar (in the lower right corner of your screen).
2. Select **Printer Settings**. You see the Main menu of your printer settings dialog box, as shown on page 11.
3. Select the default settings you want to use for all your applications. Click **OK** when you're finished.

Remember that you can always change the settings in your program when you want to print different types of documents.

Customizing Windows Print Settings

You can use advanced settings for color matching, printing at a higher resolution, or selecting a variety of special effects.

1. On the Main tab, click the **Advanced** button in the bottom right corner of the window. The Basic settings change to the Advanced settings.
2. Select the following advanced settings as necessary:



3. Once you've finished selecting advanced settings, you can:
 - Click **OK** to save your settings, return to the Print dialog box, and print.
 - Click the **Basic** button to return to the Basic settings.
 - Click **Save Setting** to save your custom settings for future use. Then click **OK** to return to the Print dialog box and print.

Note: For more information about advanced settings, or instructions on saving them as a group so you can reuse them later, click the **Help** or **?** button. If you want to use the Advanced screen each time you access your printer settings, select the **Show this screen first** checkbox.

Printing on a Macintosh

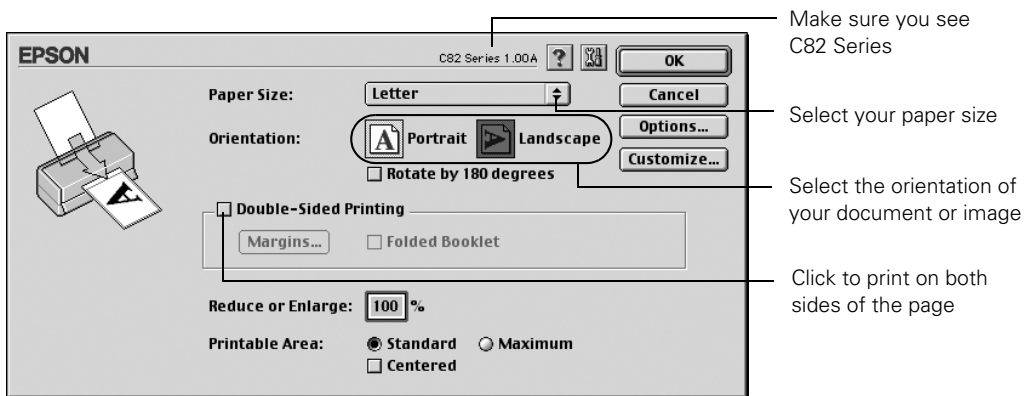
After you create your document in a software program, follow the steps in one of these sections to print:

- For Macintosh OS 8.6 to 9.x applications, see the next section.
- For Macintosh OS X applications, see page 18.

Printing with OS 8.6 to 9.x

Before you begin, make sure you selected your printer in the Chooser as described on the *Start Here* sheet.

1. From the File menu, select **Page Setup**. You see this dialog box:

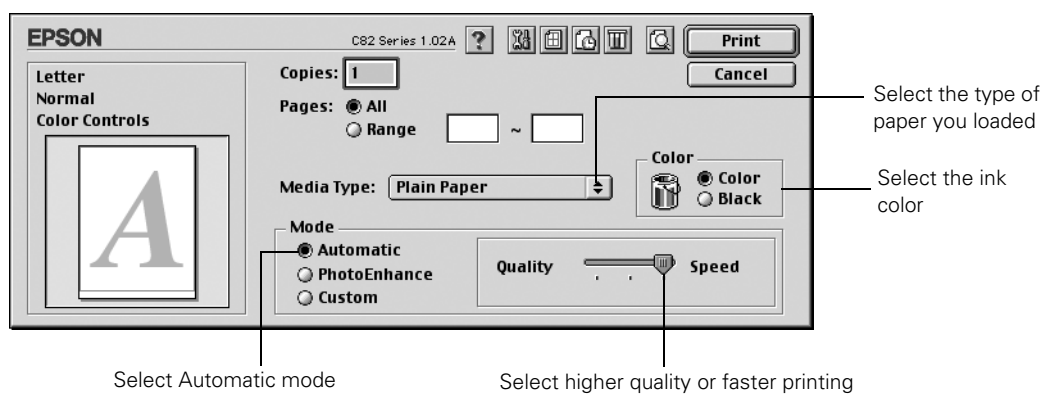


2. Make sure you see **C82 Series** at the top of the dialog box. This indicates that your printer is active. If you don't see it, select your printer in the Chooser.
3. Select the correct Paper Size and Orientation. You can also make these settings:
 - **Customize:** Lets you define a custom paper size.
 - **Rotate by 180°:** Rotates the image 180° on the page.
 - **Double-Sided Printing:** Lets you print on both sides of the page.
 - **Reduce or Enlarge:** You can reduce your print size to 25 percent of its original size, or enlarge it to 400 percent.

- **Printable Area:** Lets you center the text or image on the page, or increase the printable area of the page.

Note: Print quality may decline at the edges of the printout when Maximum is selected. Before printing a large document, print a single page to test print quality.

4. Click **OK** to close the Page Setup window.
5. From the File menu, select **Print**. You see this dialog box:



6. Make the following settings:
- Choose the paper you're printing on (click the arrow to scroll through the Media Type list). If you're not sure which setting to select, see page 23.
 - Set the Ink option to **Color** to print a color document or black and white photograph. To print a black text document, click **Black**.
 - Set the Mode option to **Automatic**. It's the easiest way to get good printing results on all types of paper.
 - Set the slider in the Mode box to **Quality** or **Speed** to select high-quality printing, fast printing, or an in-between setting.

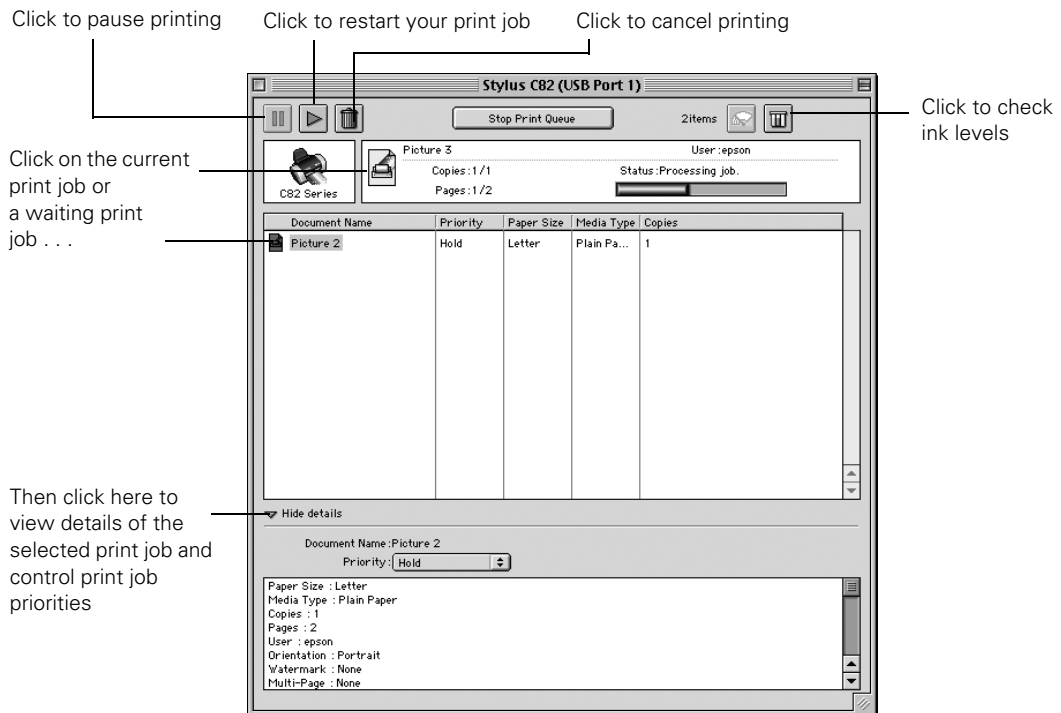
Tip: For more information about printer settings, click the  button.

7. You can also do the following:

- Click  to reduce/enlarge your printed image, print multi-page layouts, or add a watermark.
- Click  to control background printing and schedule print jobs.
- Click , then click **Preview** to preview your printout.
- Click  to check your ink levels.

8. Click **Print**.

If you turned on background printing, the window below appears. You can use this window to pause, cancel, or restart your print job, stop the print queue, and prioritize your print jobs. (If you don't see this window, select **EPSON Monitor IV** from the Macintosh Application menu in the upper right corner of the screen.)



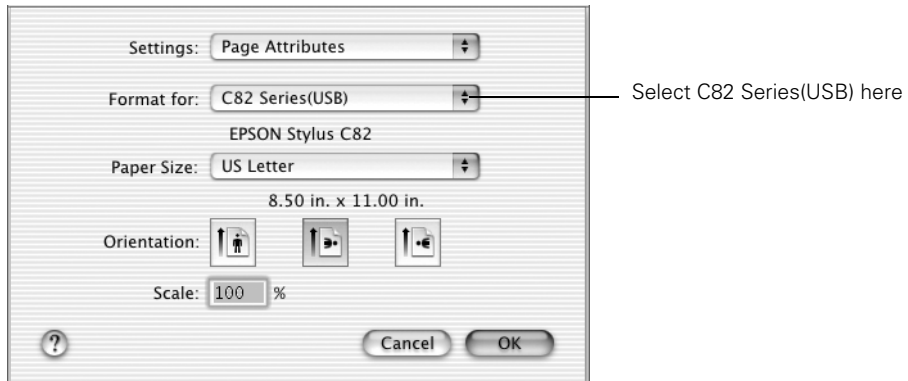
Note: You can also press the printer's  button to cancel a print job in progress.

Printing with OS X

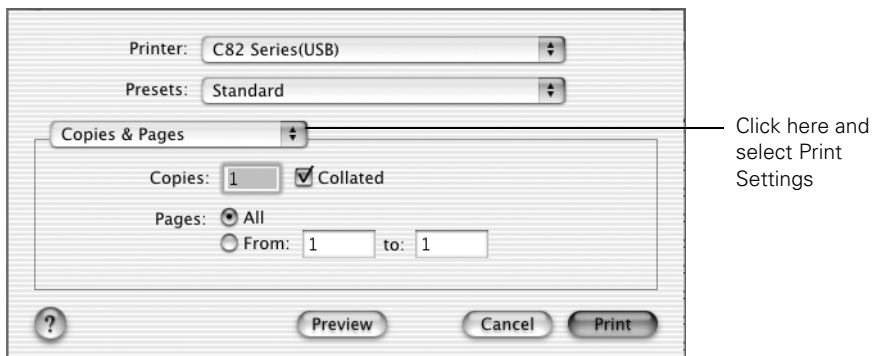
If you're using an OS X compatible printing application, follow the steps below to print a document. (If you're using an application that's compatible only with Macintosh Classic mode, follow the steps on page 15 instead.)

Before you begin, make sure you added your printer to Print Center as described on page 58.

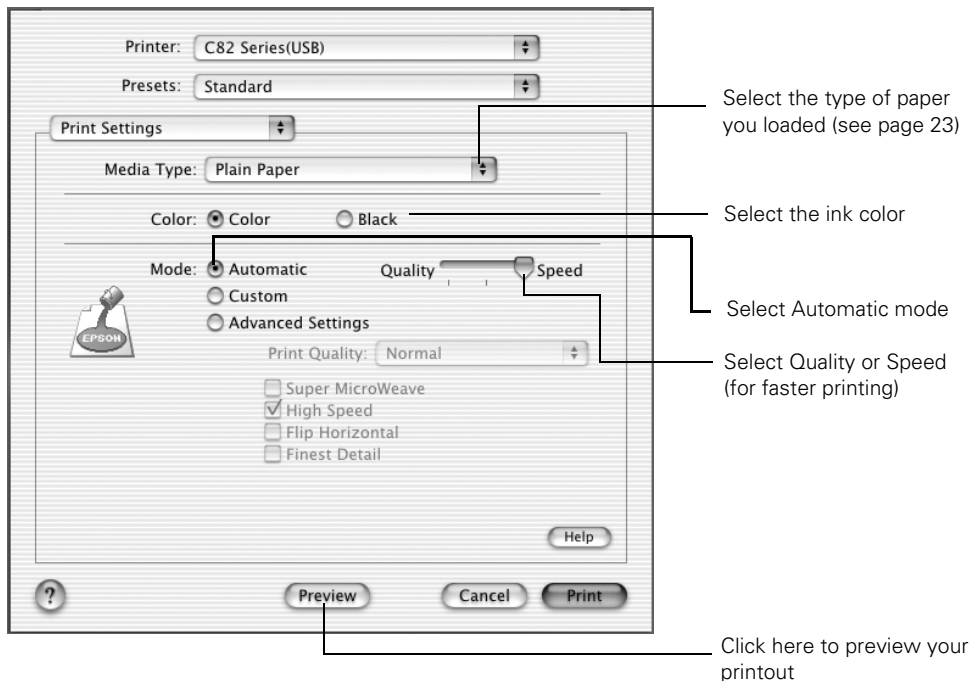
1. From the File menu, select **Page Setup**.



2. Select **C82 Series(USB)** in the Format for menu.
3. Select the Paper Size, Orientation, and any other settings you want to use and click **OK**.
4. Select **Print** from the File menu. You see a screen like this:



5. Select **Print Settings** from the pull-down menu. You see the window:

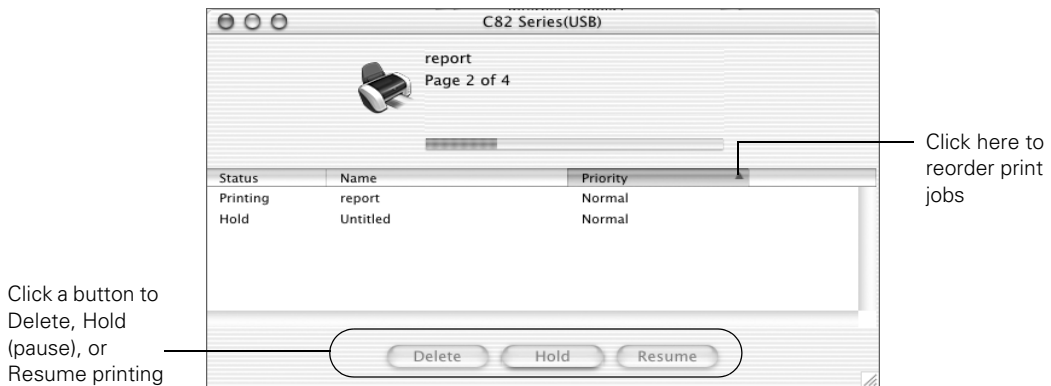


Tip: For more information about printer settings, click **Help**. The OS X printer driver contains a subset of the settings available with the OS 8.6 to 9.x Macintosh printer driver described in this book.

6. Select the following settings:

- Load the right paper for the kind of document you are printing. If you loaded special paper, choose the correct paper type in the Media Type list. If you're not sure which setting to choose, see page 23.
- Set the Ink option to **Color** to print a color document or black and white photograph. To print a black text document, click **Black**.
- Set the Mode option to **Automatic**. It's the easiest way to get good printing results for most projects.

7. You can also choose other print settings by selecting these options in the pull-down menu:
 - **Copies & Pages**, to select the number of copies or a page range
 - **Layout**, to select page layout options
 - **Output Options**, to save your print job as a PDF file
 - **Color Management**, to select ColorSync[®], adjust the color controls, change the gamma setting, or turn off color adjustments by the printer software
 - **Summary**, to view a list of all your selections
 - **Save Custom Setting**, to save your selections for future use.
8. Click **Print**.
9. To monitor the progress of your print job, click the  **Print Center** icon when it appears in the dock on the bottom of your desktop. You see a screen like this:



10. Monitor the progress of your print job or do one of the following:
 - Click the print job, then click **Delete** to delete the job from the print queue
 - Click the print job, then click **Hold** to pause printing
 - Click a print job marked “Hold” and click **Resume** to resume printing
 - If multiple print jobs are listed, click a print job, then click the **Priority** arrow as necessary to reorder the jobs.

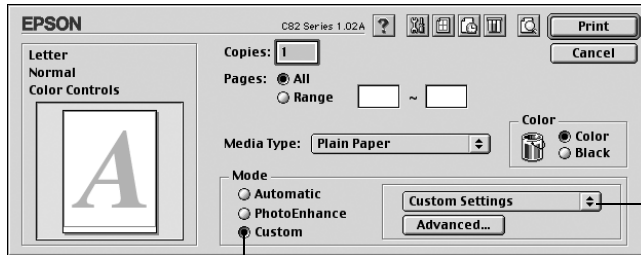
Note: You can also press the printer’s  button to cancel a print job in progress.

11. When you’re finished, close Print Center.

Customizing Macintosh Print Settings

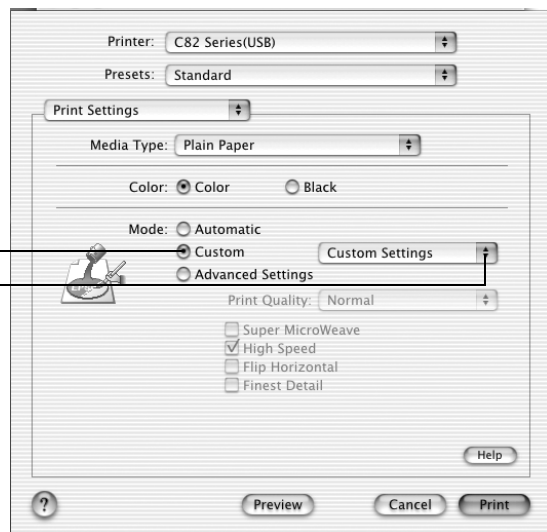
You can use custom and advanced settings for color matching, printing at a higher resolution, or selecting a variety of special effects.

1. On the printer settings window, click **Custom**.



Macintosh OS 8.6
to 9.x

Click **Custom**, then click the
Custom Settings list



Macintosh OS X

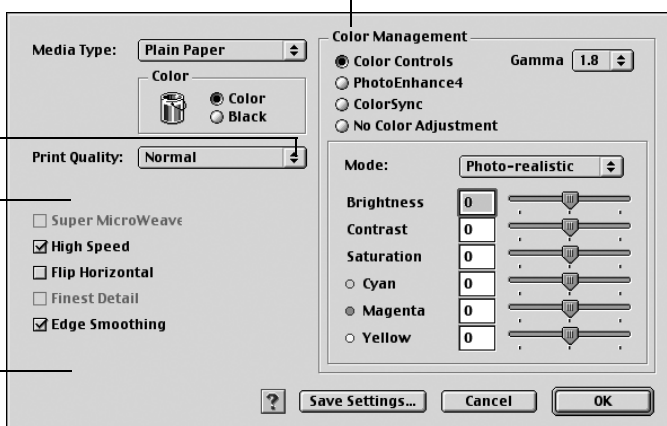
2. Click the **Custom Settings** list to open it, and make any of these settings:
 - **Text/Graph**, for documents that contain both text and color graphs
 - **Economy**, to save ink when printing on plain paper
 - **ColorSync**, to match printed output with ColorSync compatible device colors.

3. To access advanced settings, click **Custom**, then click **Advanced** (OS 8.6 to 9.x) or click **Advanced Settings** (OS X).

Select color management settings here

Click here to select print quality; includes **Photo RPM**, which gives the best results on photo and glossy paper types

Select various printing options here

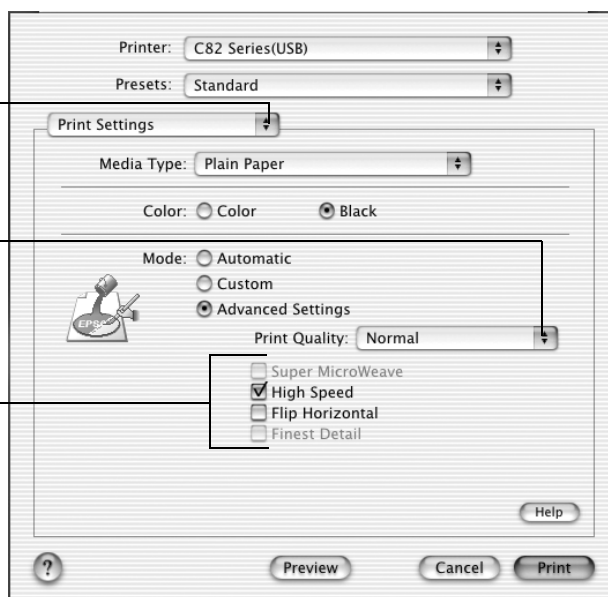


Macintosh OS 8.6 to 9.x

To select color management settings, select Color Management from the Print Settings pull-down menu

Click here to select print quality; includes **Photo RPM**, which gives the best results on photo and glossy paper types

Select various printing options here



Macintosh OS X

Note: For more information on advanced settings, or instructions on saving them as a group so you can reuse them later, click **Help** (OS X) or **?** (OS 8.6 to 9.x).

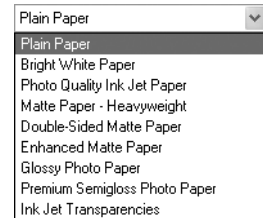
4. **OS 8.6 to 9.x:** Click **OK** to save your settings, then click **Print**.

OS X: Click **Print**.

Selecting the Correct Paper Type

Your printer automatically adjusts itself for the type of paper you select in your printer software. That's why the paper Type setting (Media Type setting for Macintosh) is so important. It tells your printer what kind of paper you're using and adjusts the ink coverage accordingly.

Here are the settings you should choose for your paper:



For this paper . . .	Select this paper Type setting . . .
Plain paper or envelopes	Plain Paper
EPSON Premium Bright White Paper	Bright White Paper
EPSON Photo Quality Ink Jet Paper EPSON Photo Quality Ink Jet Cards	Photo Quality Ink Jet Paper
EPSON Matte Paper Heavyweight	Matte Paper - Heavyweight
EPSON Double-Sided Matte Paper	Double-Sided Matte Paper
EPSON Enhanced Matte Paper (Archival Matte Paper)	Enhanced Matte Paper
EPSON Glossy Photo Paper (Photo Paper)	Glossy Photo Paper
EPSON Premium Semigloss Photo Paper	Premium Semigloss Photo Paper
EPSON Ink Jet Transparencies	Ink Jet Transparencies

Maintaining Your Printer

This section describes maintenance procedures to keep your printer working at its best and preparation steps for moving your printer. Follow the instructions here for:

- “Cleaning the Print Head” (below)
- “Replacing an Ink Cartridge” on page 27
- “Aligning the Print Head” on page 34
- “Cleaning the Printer” on page 36
- “Transporting the Printer” on page 37

To watch printer movies describing how to clean the print head or replace an ink cartridge, double-click the  EPSON Printer Information Center icon on your desktop.

Cleaning the Print Head

If your printouts are unexpectedly light, or dots or lines are missing, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Cleaning the print head uses ink, so clean it only if print quality declines.

This section explains how to clean the print head using the printer’s Head Cleaning utility (available only when the printer is connected directly to your computer, not over a network).

You can also clean the print head by holding down the  ink button on the printer for three seconds when the red  ink out light is off.

For more information about cleaning the print head, see your Print Show movies; double-click the  EPSON Printer Information Center icon on your desktop.

Caution: When you don’t turn on your printer for a long time, the print quality can decline, so turn it on at least once a month to maintain good print quality.

Running the Head Cleaning Utility

1. Make sure the printer is turned on but not printing, and the  ink out light is off. (If the  ink out light is flashing or on, you may need to replace an ink cartridge; see page 27.)
2. **Windows:** Right-click the  printer icon on your taskbar (in the lower right corner of your screen). Select **Head Cleaning**.

Macintosh OS 8.6 to 9.x: Open your application's File menu and choose **Page Setup** or **Print**. Click the  Utility button, then click the  **Head Cleaning** button.

Macintosh OS X: Open the **Applications** folder and double-click **EPSON Printer Utility**. Select **C82 Series** in the printer list, click **OK**, and select **Head Cleaning**.

3. Follow the instructions on the screen to clean the print head. Cleaning takes about 60 seconds, during which the printer makes some noise and the  power light flashes.

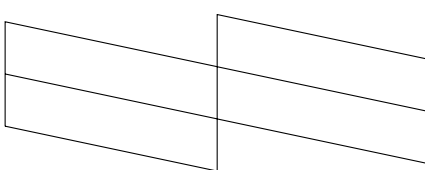
Caution: Never turn off the printer while the  power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

4. When the  power light stops flashing, make sure plain paper is loaded in the printer. Then click **Print nozzle check pattern** (Windows) or **Confirmation** (Macintosh) and follow the on-screen directions to print a nozzle check (see the next section for details).
5. If the nozzle check pattern has no gaps in its lines, click **Finish**.

If the pattern has any gaps, click **Clean** to clean the print head again. If you don't see any improvement after cleaning three or four times, check the solutions beginning on page 45. You can also turn the printer off and wait overnight—this allows any dried ink to soften—and then try cleaning the print head again.

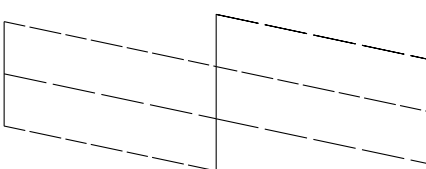
Examining the Nozzle Check Pattern

Examine the nozzle check pattern you print. It should look something like this:



Each staggered horizontal and straight vertical line should be complete, with no gaps in the dot pattern. If your printout looks okay, you're done.

If there are gaps in the lines, clean the print head again; see page 25 for instructions.



Replacing an Ink Cartridge

When the red  ink out light is flashing, one of your ink cartridges is low on ink. This is a good time to make sure you have a new ink cartridge. When the  ink out light stays on, an ink cartridge is empty and you need to replace it.

Caution: You cannot print if any of the ink cartridges are empty. Leave the empty cartridge installed in the printer until you have obtained a replacement; otherwise the ink remaining in the print head nozzles may dry out.

If the  paper out or  power light are also flashing or on, check the table on page 41. You may have a paper jam or another problem.

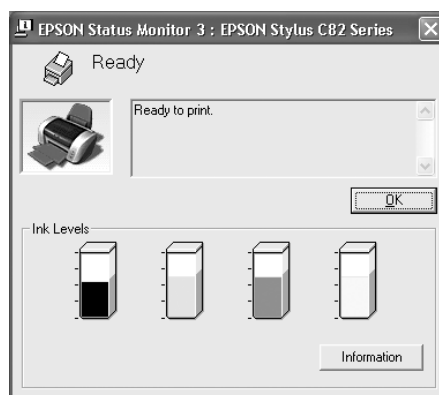
When an ink cartridge has been installed in your printer for more than six months, you may need to replace it if you notice that your printouts don't look as good as they used to. If print quality doesn't improve after cleaning and aligning the print head, you can replace the cartridge even if the  ink out light isn't flashing.

Checking Your Ink Supply

To check your ink supply, do one of the following:

- **Windows:** Double-click the  printer icon on your taskbar (in the lower right corner of your screen). You see a window like the one on the right showing ink levels:

You can also double-click the  Ink Monitor icon on the taskbar. The window that appears lets you check ink levels and also order cartridges online. Just click the **Buy Now** button to launch your web browser.

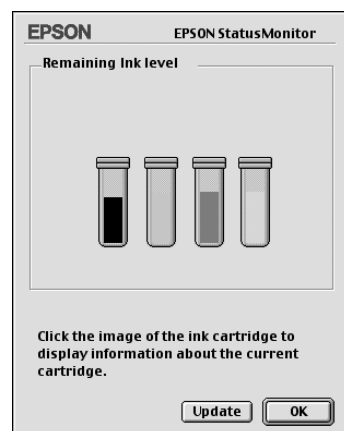


- **Macintosh:**

OS 8.6 to 9.x: Choose File > Print. Click the  ink icon.

OS X: Choose Applications > EPSON Printer Utility > C82 Series > EPSON Status Monitor.

You see a window like the one on the right:



Purchasing Cartridges

Use these EPSON ink cartridges within six months of installing them and before the expiration date on the package:

- Black: T032120
- Cyan: T042220
- Magenta: T042320
- Yellow: T042420

Caution: To ensure good results, use genuine EPSON ink cartridges and do not refill them. Other products may cause damage to your printer not covered by EPSON's warranty.

When you need new ink cartridges, contact your dealer or call the EPSON StoreSM at (800) 873-7766, or visit the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Ink Cartridge Precautions

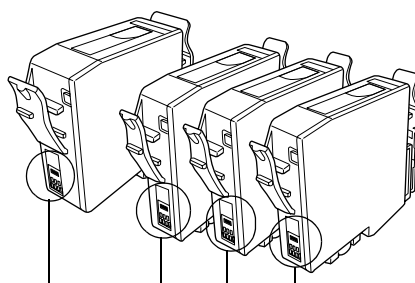
Warning: Keep ink cartridges out of the reach of children and do not drink the ink.

If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them thoroughly with water.

Caution: Don't remove the cartridge label, or ink will leak.

Don't remove the green IC chip from the cartridge. Installing a cartridge without an IC chip can damage the printer. Avoid touching the green IC chip, as this can damage the ink cartridge.

If you remove an ink cartridge temporarily, protect the ink supply port on the bottom of the cartridge from dirt and dust. Place it in a small box, or, if you have the original packaging, return it to its own box.



Store ink cartridges in the same environment as the printer. Stand the cartridges upright, as shown (the label identifying the color should be on the top).

Replacing an Empty or Low Ink Cartridge

Be sure you have a new ink cartridge before you begin. Once you start the ink cartridge replacement procedure, you must complete all the steps in one session.

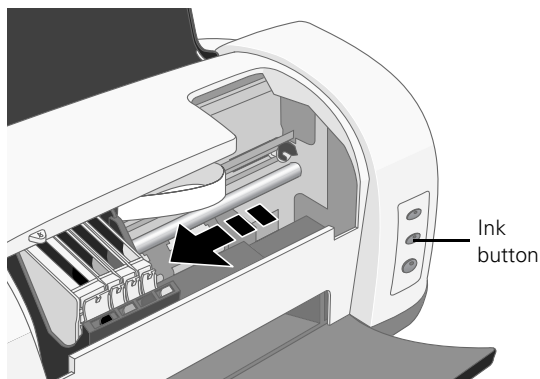
Follow these steps to replace ink cartridges when the red $\triangle$ ink out light is flashing or on:

1. Make sure the printer is turned on and not printing. The $\odot$ power light should be on, but not flashing.
2. Lower the output tray and open the printer cover.

3. Press the Δ ink button for one second. The print head moves to the left, and the cartridge that needs to be replaced stops under the $\otimes$ mark. The $\odot$ power light also begins to flash.

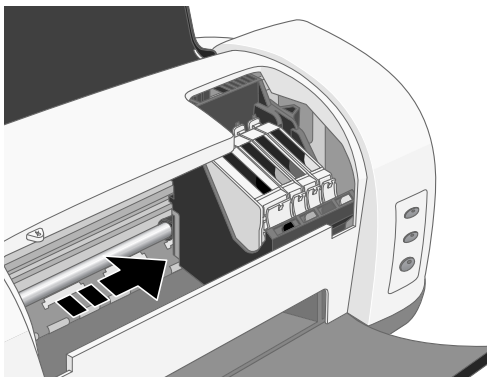
Caution: Don't press the Δ ink button for more than 2 seconds, or the printer will start to clean the print head.

To avoid damaging the printer, never move the print head by hand.



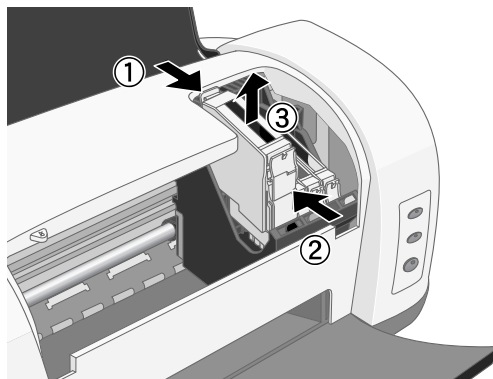
4. Press the Δ ink button again.

- If more than one ink cartridge is empty, the next cartridge moves under the $\otimes$ mark. This happens after you press the Δ ink button for every ink cartridge that needs to be replaced.
- If all the empty cartridges have been identified, the print head moves to the ink cartridge replacement position.

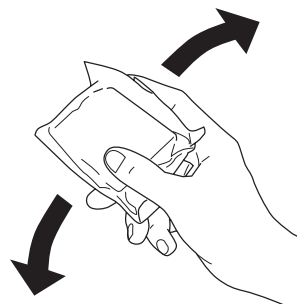


5. Pinch the front and back tabs of the empty cartridge as you lift it out of the printer. Don't take the used cartridge apart or try to refill it.

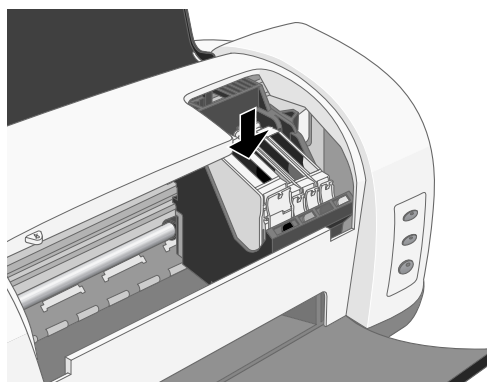
Warning: If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water.



6. Before you remove the new cartridge from its package, shake it four or five times.



7. Remove the cartridge from its package and lower it into the cartridge holder. Push down gently until the cartridge is firmly seated.
8. Repeat steps 5 through 7 for each cartridge that you need to replace.



9. Close the printer cover and press the  ink button for one second. The printer moves the print head and begins charging the ink delivery system.

The  power light flashes and the printer makes noise. Charging takes about one minute. When it's finished, the  power light stops flashing and stays on.

Caution: Never turn off the printer while the  power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

Replacing a Cartridge When Print Quality Declines

Even if the Δ ink out light isn't flashing or on, you may need to replace an ink cartridge if it's been installed in your printer for more than six months and print quality declines.

Follow these steps to replace old ink cartridges:

1. Print a nozzle check pattern to determine which cartridges need to be replaced:

Windows: Right-click the  printer icon on the Windows taskbar, and then click **Nozzle Check**.

Macintosh 8.6 to 9.x: Open your application's File menu and choose **Print**. Then click the  Utility button. On the Utility menu, click the **Nozzle Check** button.

Macintosh OS X: Open your Applications folder and double-click **EPSON Printer Utility**. Select **C82 Series** in the printer list and click **OK**. Then click **Nozzle Check**.

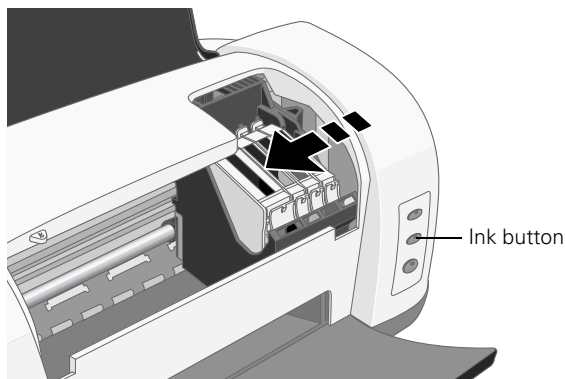
2. Follow the instructions on the screen to print the nozzle check pattern. Then examine the pattern for gaps in the lines. You only need to replace those colors whose lines show gaps.
3. Make sure you have the correct replacement cartridges.

Note: You must have the new ink cartridges before you continue. Once you start the ink cartridge replacement procedure, you must complete all the steps in one session.

4. Lower the output tray and open the printer cover.
5. Press the Δ ink button. The print head moves to the ink cartridge replacement position, and the Δ power light begins to flash.

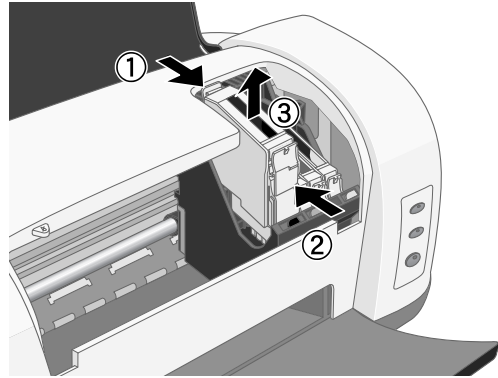
Note: Don't press the Δ ink button for more than 2 seconds, or the printer will start to clean the print head.

Caution: To avoid damaging the printer, never move the print head by hand.

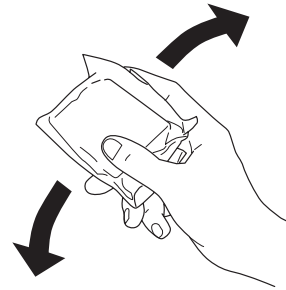


6. Pinch the front and back tabs of the cartridge as you lift it out of the printer. Don't take the used cartridge apart or try to refill it.

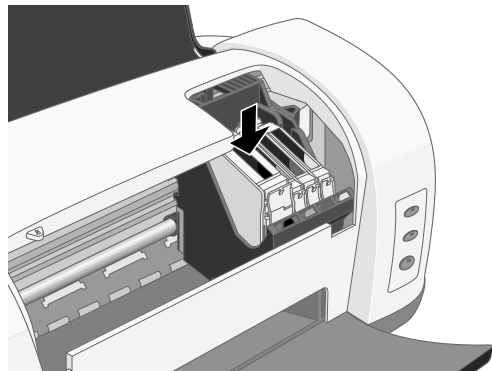
Warning: If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them immediately with water.



7. Before you remove the new cartridge from its package, shake it four or five times.



8. Remove the cartridge from its package and lower it into the cartridge holder. Push down gently until the new cartridge is firmly seated.
9. Repeat steps 6 through 8 for each cartridge you want to replace.



10. Close the printer cover and press the  ink button for one second. The printer moves the print head and begins charging the ink delivery system.

The green  power light flashes and the printer makes noise. Charging takes about one minute. When it's finished, the  power light stops flashing and stays on.

Caution: Never turn off the printer while the  power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

Aligning the Print Head

If your printouts contain misaligned vertical lines, or you see white or black horizontal banding, you may need to align the print head.

Note: Your printer must be connected directly to your computer (not over a network) to use the Print Head Alignment utility.

1. Turn on the printer. Then load plain, letter-size paper.
2. **Windows:** Right-click the  printer icon on your taskbar (in the lower right corner of your screen) and select **Print Head Alignment**.

Macintosh OS 8.6 to 9.x: Open your application's File menu and choose **Page Setup** or **Print**. Then click the  Utility button. On the Utility menu, click the  Print Head Alignment button.

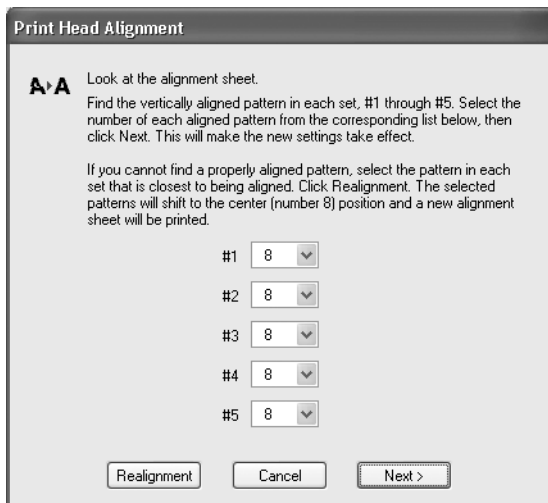
Macintosh OS X: Open the Applications folder and double-click **EPSON Printer Utility**. Select **C82 Series** in the printer list, click **OK**, and then select **Print Head Alignment**.

3. Follow the instructions on the screen to print a black vertical alignment test page. You see this window:
4. Look at the five rows of patterns in your printout. For each row, select the pattern with the two vertical lines most precisely printed on top of each other and enter its number in the corresponding box on the screen.

If you find a perfectly aligned pattern for each row, click **Next**.

If you can't find an aligned pattern for a row, select the best pattern and click **Realignment**. Then repeat this step.

5. Click **Print** to print the color vertical alignment sheet.



- Look at the four rows of patterns in your printout. For each row, select the pattern with the two vertical lines most precisely printed on top of each other and enter its number in the corresponding box on the screen.

If you find a perfectly aligned pattern for each row, click **Next**.

If you find a row that doesn't have a perfectly aligned pattern, select the best pattern and click **Realignment**. Then repeat this step.

- Click **Print** to print a black horizontal alignment sheet. You see this screen:
- In your printout, select the pattern with the smallest gap or faintest line between the rectangles. Enter its number in the box on the screen and click **Next**.

If you can't find an aligned pattern, choose the best pattern and click **Realignment**. Then repeat this step.

- Click **Print** to print a color horizontal alignment sheet. You see this screen:
- In your printout, find the pattern with the smallest gap or faintest line between the rectangles and enter its number in the box on the screen. Then click **Finish**.

If can't find an aligned pattern, choose the best pattern and click **Realignment**. Then repeat this step.

Print Head Alignment

A A Look at the alignment sheet.

Find the vertically aligned pattern in each set, #1 through #4. Select the number of each aligned pattern from the corresponding list below, then click Next. This will make the new settings take effect.

If you cannot find a properly aligned pattern, select the pattern in each set that is closest to being aligned. Click Realignment. The selected patterns will shift to the center (number 8) position and a new alignment sheet will be printed.

#1 8
#2 8
#3 8
#4 8

Realignment Cancel Next >

Print Head Alignment

A A Look at the alignment sheet.

Find the pattern with no black or white band. Select the number that corresponds to that pattern from the list below and click Next.

If every pattern contains a band, select the pattern with the thinnest band. Then click Realignment.

#1 4

Realignment Cancel Next >

Print Head Alignment

A A Look at the alignment sheet.

Find the pattern with no dark or light band. Select the number that corresponds to that pattern from the list below and click Finish.

If every pattern contains a band, select the pattern with the thinnest band. Then click Realignment.

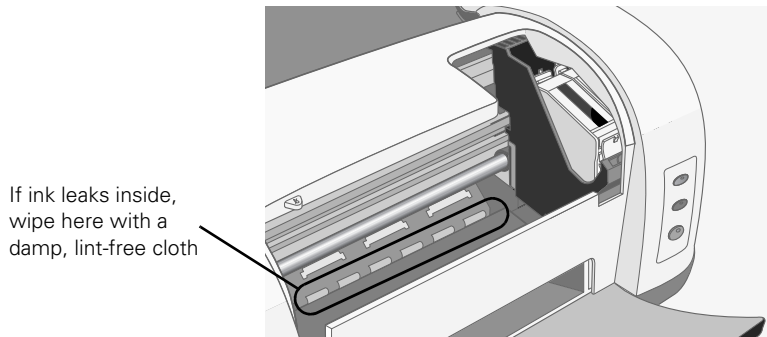
#1 4

Finish Realignment Cancel

Cleaning the Printer

To keep your printer working at its best, you should clean it several times a year.

1. Turn off the printer and wait for the green  power light to go out.
2. Unplug the power cord.
3. Disconnect the printer cable from the printer.
4. Remove all the paper from the sheet feeder.
5. Clean the exterior of the printer with a soft, damp cloth. Keep the printer cover closed to prevent water from getting inside.
6. If ink leaks inside the printer, carefully wipe it off with a damp cloth.



Caution: Don't touch the gears inside the printer.

Make sure you use a soft cloth to clean the printer's lid; otherwise you may scratch it. Don't use a rough cloth, and never use a hard or abrasive brush to clean any part of the printer case.

Never use alcohol or thinner for cleaning; they can damage the printer components and case.

Don't get water on the printer components, and don't spray lubricants or oils inside the printer.

Don't use any cleaning sheets included with special media; they may jam inside the printer.

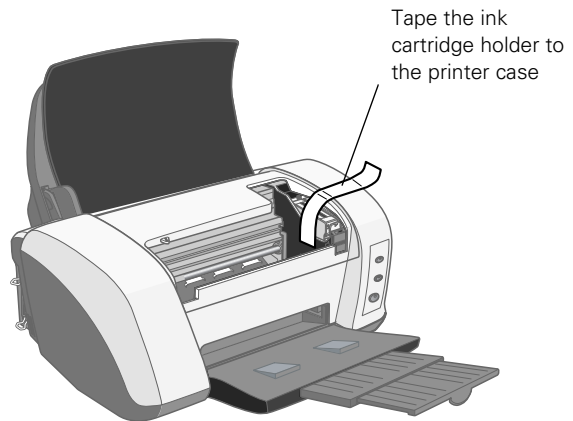
Transporting the Printer

If you move your printer some distance, you need to prepare it for transportation in its original box or one of a similar size. Follow these steps:

Caution: To avoid damage, always leave the ink cartridges installed when transporting the printer.

Be sure to remove the tape used in step 5 after installing the printer in its new location.

1. Turn on the printer and wait until the print head locks in the far right position. Then press the  power button to turn the printer off.
2. Unplug the power cord.
3. Disconnect the printer cable from the printer.
4. Remove any paper from the printer and remove the paper support.
5. Open the printer cover. Secure the ink cartridge holder to the printer with tape as shown, then close the printer cover.
6. Push in the output tray extensions and close the tray.
7. Repack the printer and attachments in the original box using the protective materials that came with it.



Be sure to keep the printer level as you move it.

After transporting the printer, remove the tape securing the print head and test your printer. If you notice a decline in print quality, clean the print head (see page 25); if output is misaligned, align the print head (see page 34).

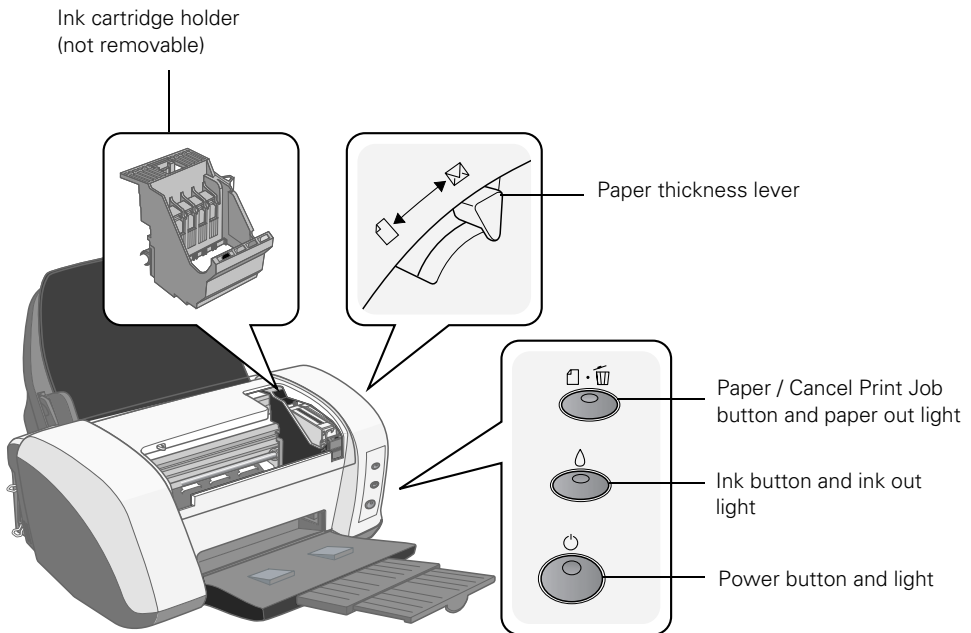
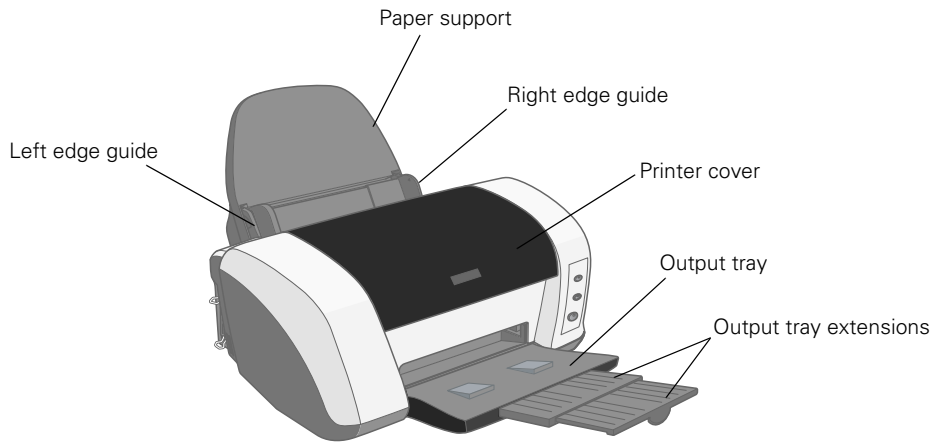
Problem Solving

See “Diagnosing Printer Problems” on page 41 to help determine what the cause of your printer problem may be. Then see these sections for solutions.

- “Setup and Software Installation Problems” on page 43
- “Printer Problems” on page 44
- “Quality Problems” on page 45
- “Paper Problems” on page 48
- “Miscellaneous Problems” on page 48
- “Uninstalling and Reinstalling Printer Software” on page 50
- “Where To Get Help” on page 51

Tip: It’s a good idea to check EPSON’s support web site periodically for possible updates to your printer driver. Visit <http://support.epson.com> and check the section for your product to see if there is a new driver available, free of charge, for downloading to your computer. Download instructions are posted for your convenience.

Printer Parts



Diagnosing Printer Problems

You can diagnose some problems by checking the printer's control panel lights, as described in this section, or running a printer check, as described on page 42.

Checking the Control Panel Lights

Follow the guidelines below when you check the control panel lights:

 is on or flashing	The  power light is on when the printer is ready to print. It flashes when the printer is receiving a print job, charging ink, or cleaning the print head. It also flashes when the print head moves to the ink cartridge replacement position.
 is on	The printer is out of paper. Load paper as described on page 7, and then press the  paper button to resume printing.
 is flashing	Paper has jammed in the printer. Press the  paper button to eject the jammed paper. If that doesn't clear the error, open the printer cover and remove any paper inside, including torn pieces. Then load a new stack of paper and press the  paper button to resume printing.
 is flashing	One of the ink cartridges is low on ink. Follow the instructions beginning on page 29 to replace the empty cartridge. If the  ink out light goes on after you've replaced a cartridge, you may have installed a cartridge your printer can't use. Check the number on the ink cartridge package to make sure you've installed the correct cartridge.
 is on	One of the ink cartridges is out of ink. Follow the instructions beginning on page 29 to replace the empty cartridge. If the  ink out light remains on after you've replaced a cartridge, you may have installed a cartridge your printer can't use. Check the number on the cartridge package to make sure you've installed the correct cartridge.
 is on and  is flashing	Jammed paper may be blocking movement of the print head, or you may have an internal error. Turn off the printer, open the cover, and check for any jammed paper. Also, make sure you removed all the packing material, as described on the <i>Start Here</i> sheet. Then turn the printer back on. If the error isn't cleared, contact your dealer or EPSON. See page 51 for contact information.
 and  are flashing	An unknown printer error has occurred. Turn the printer off and contact your dealer or EPSON as described on page 51.

⏻ is off

The printer is not receiving power. Try these solutions:

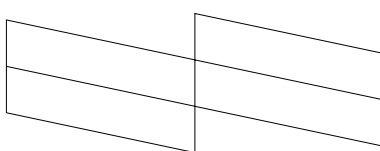
- Make sure the printer is turned on.
- Turn off the printer, plug in the power cord securely, and turn the printer on again.
- Make sure the outlet is working and is not controlled by a switch or timer. If in doubt, try another outlet.

Running a Printer Check

You can run a printer check to determine whether a problem comes from the printer itself or some other source. Follow these steps:

1. Make sure both the printer and computer are turned off. Then disconnect the interface cable from the printer.
2. Make sure letter-size or larger paper is loaded in the printer.
3. Hold down the ⏻ paper button, then press and release the ⏻ power button. Continue holding down the ⏻ paper button until the ⏻ power light starts to flash, then release it.

The printer prints one page showing its ROM version number, ink counter, and a nozzle check pattern. Only the nozzle check pattern is shown below. (If the pattern has gaps in its dots, you need to clean the print head; see page 25.)



4. To end the check, turn the printer off after it prints the check page. Then reconnect the interface cable and turn on your printer and computer.

If the check page prints, the problem probably lies in your software settings, the interface cable, or your computer. Another possibility is that your printer software may not be installed correctly.

If the check page doesn't print, you may have a problem with your printer. Try the suggestions in "Problems and Solutions" beginning on page 43. If nothing seems to work, contact your dealer or EPSON as described on page 51.

Problems and Solutions

Here are some troubleshooting tips if you have any problems setting up your printer, installing software, or printing.

Setup and Software Installation Problems

The printer makes noise after ink cartridge installation.

- The first time you install ink cartridges, the printer must charge its ink delivery system for about 90 seconds. Wait until charging finishes (the ⏻ power light stops flashing) before you turn off the printer or it may charge improperly and use excess ink the next time you turn it on. If the printer stops moving or making noise, but the ⏻ power light is still flashing after 5 minutes, turn off the printer. If the light is still flashing when you turn it back on, contact EPSON as described on page 51.
- Make sure no packing material remains in the printer. Turn off the printer, wait a moment, then turn it back on to clear the error.

You're having problems installing the printer software.

- Make sure your printer is turned on and the printer cable is securely connected at both ends. Then carefully follow the installation instructions for your system. (You'll find them on the *Start Here* sheet or beginning on page 53.) Also make sure your system meets the requirements beginning on page 59.
- Close your other applications, including any screen savers and virus protection software, and install again.
- For Windows NT or 2000, if you see an error message or your software doesn't install correctly, you may not have software installation privileges. Contact your System Administrator.
- If your printer icon (C82 Series) doesn't appear in the Macintosh Chooser, you may have an extension conflict. Turn off any unnecessary extensions and restart your computer.

- For Windows 2000 or XP, don't select **Block** under **Control Panel> System> Hardware> Driver Signing**; select **Ignore** or **Warn** instead.
- If you're using Windows 98, Me, 2000, or XP with a USB connection, make sure your system was not upgraded from Windows 95; the USB driver may not install correctly.
- Make sure the Universal Serial Bus Controller is working properly. See your Windows online help system for details.
- If you're printing over a network, see your on-screen *Reference Guide* for instructions on configuring your printer for use on a network.
- In Windows, make sure your printer is selected as the default printer in the Printers utility.

Printer Problems

The power light is on, but nothing prints.

- Make sure the interface cable is connected securely and that the cable meets the system requirements on page 59 or page 60.

- Run a printer check as described on page 42. If the check page prints, make sure your printer software is installed correctly.
- If you're printing on a network, you need to set up your printer for network printing, as described in your on-screen *Reference Guide*.

The printer sounds as though it is printing, but nothing prints.

- The print head nozzles may need cleaning; see page 25 for instructions.
- The printer won't operate properly if it's tilted or at an angle. Place it on a flat, stable surface.

Your printer makes noise when you turn it on or after it has been sitting for awhile.

Your printer is performing routine maintenance.

Printing is too slow.

Make sure your system meets the requirements beginning on page 59. If you're printing a high-resolution image, you need more than the minimum requirements listed.

You may also need to:

- Clear space on your hard disk or run a defragmentation utility.

- Close open applications that you're not using.
- Increase your system's memory (RAM).

For the fastest printing, try these tips:

- Select **Draft** as the Quality Type (Windows) or set the Quality/Speed slider to **Speed** (Macintosh).
- In the Advanced dialog box, turn **Super MicroWeave®** off (Macintosh only) and turn **High Speed** on.
- If your printer is connected to a USB hub, disconnect any unused USB devices.
- If you're using the parallel port, enable ECP/DMA mode. See your computer documentation or contact the manufacturer for help.

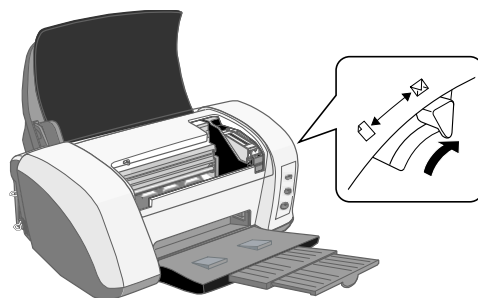
Quality Problems

You see banding (light lines).



- Clean the print head; see page 25.

- Select the correct paper Type (Windows) or Media Type (Macintosh); see page 23 for guidelines.
- Select a higher print quality and turn off **High Speed** mode; see page 14 (Windows) or page 22 (Macintosh) for details.
- The printable side of the paper should be face up. It's usually whiter or shinier.
- The ink cartridges may need replacing. To replace them, see page 32.
- Try using Automatic mode (Macintosh only). See page 16 (Macintosh OS 8.6 to 9.x) or page 19 (Macintosh OS X).
- Run the Print Head Alignment utility; see page 34 for instructions.
- Set the paper thickness lever to the ☐ position. Set the lever to the ☒ position when you print on thicker paper or envelopes. You may also need to turn off **High Speed** in the printer software.

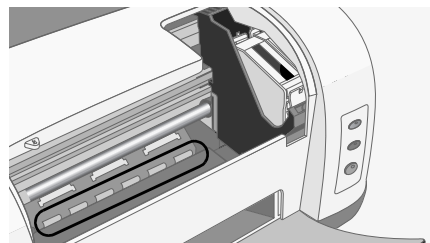


Your printout is blurry or smeared.



- Make sure your paper isn't damp or curled, or loaded face down (the printable side should be face up). Reload new paper face up.
- Use a support sheet with special paper, or try loading your paper one sheet at a time.
- Make sure your paper meets the specifications listed in the on-screen *Reference Guide*.
- Use EPSON papers for proper saturation and absorption of genuine EPSON inks.
- Run the Print Head Alignment utility. See page 34 for instructions.
- For most papers, set the paper thickness lever to the  position.
- Remove each sheet from the output tray after printing, especially when you're printing on transparencies.
- Let your print dry completely before you handle it. Prints made on glossy photo paper take longer to dry. Follow the instructions included in your media pack.

- Load a new sheet of plain paper and press the  paper button to eject it. Do this several times. If you still have a problem, ink may have leaked inside the printer. Open the printer cover and wipe the area circled in the illustration below with a soft, clean cloth.



Your printout is faint or has gaps in the image.



- Clean the print head; see page 25 for instructions.
- The ink cartridges may be old or low on ink; see page 27.
- Select the correct paper Type (Windows) or Media Type (Macintosh) for your paper. See page 23 for guidelines.

- Make sure your paper isn't damaged, old, dirty, or loaded face down. If it is, load new paper face up. For best results, use genuine EPSON paper.

You see wrong or missing colors.

- Make sure **Black Ink Only** is off (Windows) or **Color** ink is selected (Macintosh), even when printing black and white photographs.
- Clean the print head; see page 25 for instructions.
- The ink cartridges may be old or low on ink; see page 27.
- For best results, use genuine EPSON ink cartridges.
- Try turning off PhotoEnhance.™ Also check if you're using a special effect that alters image colors, like Sepia.
- Try using Automatic mode (Macintosh only); see page 16 (OS 8.6 to 9.x) or page 19 (OS X).
- The color profiles built into your printer software automatically reference your monitor profile. Make sure that your monitor is calibrated correctly.
- Try experimenting with the Gamma setting on the Advanced dialog box; see page 14 (Windows) or page 21 (Macintosh).
- The colors produced by DuraBrite inks may look slightly different than those produced by ordinary dye-based ink.
- Due to the nature of pigment inks, lighting conditions can affect the appearance of printer output. For example, a print viewed in daylight may appear to have a slightly different color balance when viewed under tungsten lighting. Your printer software was designed to represent color accurately when prints are illuminated with a D50 (daylight) light source.
- Your printed colors can never exactly match your on-screen colors. However, you can use a color management system to get as close as possible.

Your printout is grainy.

- Use a higher quality paper, or select a higher Quality Type (Windows; page 11) or Print Quality (Macintosh; page 21).
- Align the print head; see page 34 for instructions.
- Increase the image resolution or print it in a smaller size; see your software documentation.

Some parts of your print are not as glossy as others.

Because of the nature of pigment inks, the degree of gloss may be uneven on glossy photo papers. Surface gloss decreases with greater pigment saturation.

Paper Problems

Paper doesn't eject fully or is wrinkled.

- If the paper doesn't eject fully, you may have set the wrong paper size. Press the  paper button to eject the paper, then select the correct paper size in your application or printer software.
- If it's wrinkled when it ejects, the paper may be damp or too thin.

Paper doesn't feed correctly or jams in the printer.

- If paper doesn't feed correctly, remove it from the sheet feeder. Fan the edges of the sheets, reload them against the right edge, then slide the left edge guide to fit lightly against the paper.
- If paper jams, press the  paper button for several seconds to clear the jam. If that doesn't work, turn off the printer and gently pull the paper forward (toward the output

tray) to pull it out. Reload the paper and press the  paper button to resume printing.

If your paper jams frequently:

- Use new, smooth, high-quality paper, loaded printable side up.
- Don't load paper above the arrow mark on the left edge guide.
- If you're printing on both sides of the paper, try loading fewer sheets.
- Place the paper against the right edge and slide the left edge guide against it, but not too tightly.

Miscellaneous Problems

The image is inverted.

Turn off the **Mirror** (Windows) setting or **Flip Horizontal** setting (Macintosh) in the printer software. Also check the mirror setting in your application program.

The printer prints blank pages.

- Make sure your printer is selected in your application, or as the active printer in the Macintosh Chooser.
- Clean the print head; see page 25 for instructions.

The margins are incorrect.

- Make sure the paper settings are correct for your paper size. See page 11 (Windows), page 15 (Macintosh OS 8.6 to 9.x), or page 18 (Macintosh OS X).
- Choose the correct margins for your paper size. The margins must be within the printable area of the page. See “Printer Specifications” in your on-screen *Reference Guide*.
- Make sure your paper is positioned next to the right side of the feeder and the left edge guide is snug against the other side. Don’t load paper above the arrow on the left edge guide.

Image size or position is incorrect.

Make sure paper and layout options are set correctly.

You see incorrect characters.

- Make sure the interface cable is securely connected and meets the system requirements on page 59 or page 60.
- Make sure your printer is selected in the Print window (Windows), the Macintosh Chooser (Macintosh OS 8.6 to 9.x), or Print Center (Macintosh OS X).

- If you’re using a switch box or USB hub with your printer, connect the printer directly to your computer instead.

Too many copies are printing.

Make sure the Copies option in your printer software or application is not set for multiple copies.

There are scratch marks on your print.

If you’re printing on glossy photo paper, prints have a tendency to scratch if not handled properly. Don’t place objects on top of your prints, and be careful not to scratch them with your fingernails. For best results, frame your prints under glass.

Uninstalling and Reinstalling Printer Software

You may need to uninstall and then reinstall your printer driver and utilities if, for example, you upgrade your Windows operating system. You don't need to uninstall your other photo software or the EPSON Printer Information Center.

Windows

1. Click **Start**, and select **Programs** or **All Programs**.
2. Point to **Epson** or **EPSON Printers**, then select **EPSON Printer Software Uninstall**.
3. In the next window, make sure **EPSON Stylus C82 Series** is selected and click **OK**. Then follow the on-screen instructions.
4. Restart your computer, then see the *Start Here* sheet or the instructions beginning on page 53 to reinstall your software.

Macintosh OS 8.6 to 9.x

1. Insert your printer software CD-ROM in your drive.
2. Double-click the  **EPSON** icon in your CD-ROM window. (You may need to double-click the EPSON CD-ROM icon on your desktop to open the window.) You see the Main Menu.
3. Click **Install Printer Driver**. On the Installer screen, click the arrow in the **Easy Install** list at the top and select **Uninstall**. Then click the **Uninstall** button at the bottom and follow the on-screen instructions.
4. Restart your Macintosh, then see the *Start Here* sheet to reinstall your software.

Macintosh OS X

1. Open the **Applications** folder, then the **Utilities** folder.
2. Double-click **Print Center** to open it.

3. Select **C82 Series(USB)** in the printer list and click the **Delete** button.
4. Restart your Macintosh, then see page 57 for instructions on reinstalling your software.

Where To Get Help

If you need help with your printer, see the contact information below. For help using any other software with your printer, see your software's documentation for technical support information.

EPSON Technical Support

EPSON provides technical assistance 24 hours a day through the electronic support services and automated telephone services listed in the following table:

Service	Access
World Wide Web	From the Internet, you can reach EPSON Support at http://support.epson.com . At this site, you can download drivers and other files, look at product documentation, access troubleshooting information, and receive technical advice through e-mail.
Automated Telephone Services	A variety of automated help services are available 24 hours a day, seven days a week. To use these services, you must have a touch tone telephone and call (800) 922-8911 . Your EPSON SoundAdvice SM Express Code is 70400. Use this code to quickly select the EPSON Stylus C82 in EPSON SoundAdvice.

To speak to a technical support representative, dial:

- U.S.: (562) 276-7525, 6 AM to 8 PM, Pacific Time, Monday through Friday and 7 AM to 4 PM, Saturday.
- Canada: (905) 709-2567, 6 AM to 6 PM, Pacific Time, Monday through Friday.

Toll or long distance charges may apply.

Before you call, please have the following information ready:

- Product name (EPSON Stylus C82)
- Product serial number (located on the back of the printer)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

You can purchase ink cartridges, paper, manuals, and accessories from EPSON at (800) 873-7766, or visit www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Installing Software for Windows 2000, 95, NT 4.x, and Macintosh OS X

Follow the instructions in this section for:

- “Installing Printer Software for Windows 2000” below
- “Installing Printer Software for Windows 95 and NT 4.x” on page 56
- “Installing Printer Software for Macintosh OS X” on page 57

Installing Printer Software for Windows 2000

Before you begin, complete the instructions for setting up your printer on the *Start Here* sheet.

1. Turn on your computer. (Make sure your printer is still on.)
2. Wait until you see the Found New Hardware screen. Then put the EPSON CD-ROM in your drive.

3. After a moment, click **Next**. You see a screen indicating that Windows has found an unknown device.



4. Click **Next**.
5. Click **Next** again on the following screen. Wait while the files are copied to your computer.
6. Click **Finish** when you see this screen:



7. Read the license agreement and click **Agree** to continue with the installation. You see this screen:



8. Make sure you've loaded letter-size paper in your printer, then click **Print a Test Page** to check that your printer is set up correctly.
9. Optionally, click **Install EPSON Software Film Factory** and follow the on-screen instructions to install the software.
10. Click **Install Manual and Printer Movies** and follow the on-screen directions to place a shortcut to the  EPSON Printer Information Center on your desktop.
11. Click **Exit**. When you see the EPSON Product Registration screen, register your printer as instructed.

You're ready to start printing! See the instructions beginning on page 10.

Installing Printer Software for Windows 95 and NT 4.x

Before you begin, complete the instructions on the *Start Here* sheet for setting up your printer.

Note: Use a parallel cable to connect the printer to your computer. Windows 95 and NT 4.x do not support a USB connection.

1. Turn on your computer. (Make sure your printer is still on.)
2. Put the EPSON CD-ROM in your drive.

Caution: If you see the Add New Hardware Wizard, click **Cancel**. You can't install your software that way.

3. Read the license agreement and click **Agree** to continue with installation.
4. When you see this screen, click **Install Printer Driver**. Wait while the files are copied to your computer.



5. Click **OK** when you see a message that setup is complete.
6. Optionally, click **Install EPSON Software Film Factory** and follow the on-screen instructions to install the software.

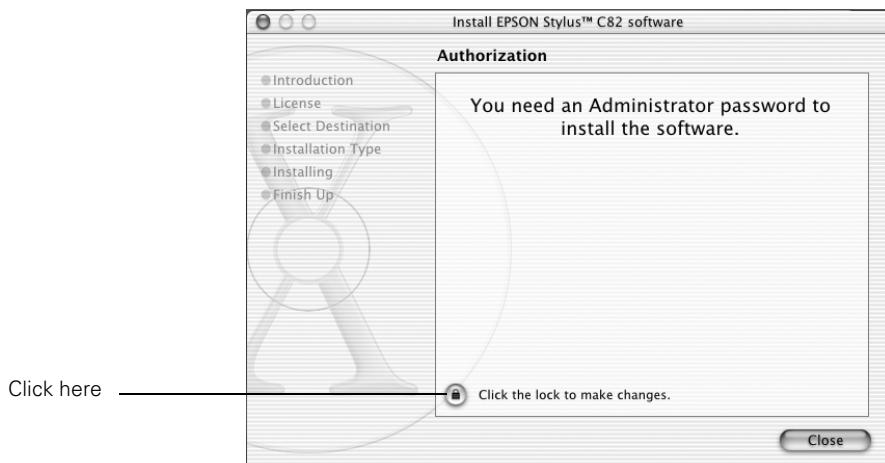
7. Click **Install Manual and Printer Movies** and follow the on-screen directions to place a shortcut to the EPSON Printer Information Center on your desktop.
8. Click **Exit**. When you see the  EPSON Product Registration screen, register your printer as instructed.
9. Restart your computer.

You're ready to start printing! See the instructions beginning on page 10.

Installing Printer Software for Macintosh OS X

Before you begin, complete the instructions on the *Start Here* sheet for setting up your printer.

1. Make sure your printer is on, then start your Macintosh in OS X. When you see your Macintosh icons, put the EPSON CD-ROM in your drive.
2. Double-click the EPSON CD-ROM icon to open its window. Then double-click  **C82Series**.
3. If you set up an administrator password when you installed OS X, you see this screen. Click the  icon, enter your administrator password, and click **OK**. At the next screen, click **Continue**.



4. Read the license agreement and click **Continue**, then click **Agree**.
5. Select the OS X drive where you want to install your printer software, then click **Continue**.
6. Click **Install** on the Easy Install screen and follow the on-screen instructions to install the printer software and restart your Macintosh.
7. Open the **Applications** folder, then open the **Utilities** folder. Double-click **Print Center**.
8. If you see a message that you have no printers available, click **Add**.
9. If your printer is already listed in the Printer List, close Print Center and go to step 10.

Otherwise, click **Add Printer**. Then select **EPSON USB** in the pull-down menu at the top of the window, select your printer in the Printer List, and click **Add**. Close Print Center.

10. Optionally, double-click the  **Film Factory Installer** icon and follow the on-screen instructions to install the software.
11. Double-click the  **Printer Movies and Manual** icon and follow the instructions to place a shortcut to the  **EPSON Printer Information Center** on your desktop. (You may have to close the Film Factory window to see the icon.)

Now you're ready to print! For instructions, go to page 18.

Note: To print from Macintosh Classic applications as well as OS X applications, start your Macintosh in OS 9 and follow the instructions in the *Start Here* sheet to install the OS 9 printer software.

Requirements and Notices

This chapter includes system requirements, safety instructions, legal notices, and other important information.

Windows System Requirements

To use your printer and its software, your system should have:

- A Microsoft Windows compatible PC with a Pentium®-equivalent processor, 233 MHz or faster, recommended
- Windows XP, Windows Me, Windows 2000, Windows 98, Windows 95, or Windows NT® 4.x
- 64MB RAM (128MB recommended)
- 100MB available hard disk space (200MB recommended)
- VGA or better display adapter and monitor (SVGA for Windows XP)
- CD-ROM or DVD drive for installing the printer software
- Parallel connection: a high-speed, bidirectional IEEE-1284 compliant parallel cable, up to 10 feet long (3 meters); the cable must have a D-SUB, 25-pin, male connector for your computer, and a 36-pin, Centronics® compatible connector for the printer.

USB connection: a computer with preinstalled Windows XP, Me, 2000 or 98, and a Windows-compliant USB port and shielded USB “AB” cable.

Caution: Using an improperly shielded USB cable may cause the printer to malfunction.

Macintosh System Requirements

To use your printer and its software, your system should have:

- An Apple® iMac™ series or Power Macintosh® G3 or G4 with built-in USB port
- Mac® OS 8.6 through 9.x; OS X 10.1 or later (Mac OS 9.1 or better recommended)
- For Mac OS 8.6 through 9.x: 32MB RAM (64MB recommended)
For Mac OS X: 128MB RAM (256MB recommended)
- 100MB free hard disk space (200MB recommended)
- VGA display or better
- CD-ROM or DVD drive for installing the printer software
- A shielded USB “AB” cable.

Caution: Using an improperly shielded USB cable may cause the printer to malfunction.

ENERGY STAR Compliance

As an ENERGY STAR Partner, EPSON has determined that this product meets the ENERGY STAR guidelines for energy efficiency. The EPA ENERGY STAR office equipment program is a voluntary partnership with the computer and office equipment industry to promote the introduction of energy-efficient personal computers, monitors, printers, fax machines, and copiers in an effort to reduce air pollution caused by power generation.



Important Safety Instructions

Before using your printer, read the following safety instructions to make sure you use the printer safely and effectively:

- Be sure to follow all warnings and instructions marked on the printer.
- Use only the type of power source indicated on the printer's label.
- 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.
- Place the printer near a wall outlet where the plug can be easily unplugged.
Placez l'imprimante près d'une prise de contact où la fiche peut être débranchée facilement.
- Do not let the power cord become damaged or frayed.
- If you use an extension cord with the printer, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- Keep your printer and computer system away from potential sources of electromagnetic interference, such as loudspeakers or cordless telephone base units.
- Avoid locations that are subject to rapid changes in heat or humidity, shocks or vibrations, or dust.
- Leave enough room around the printer for sufficient ventilation.
- Do not place the printer near a radiator or heating vent or in direct sunlight.
- Place the printer on a flat, stable surface that extends beyond the printer base in all directions. The printer will not operate properly if it is tilted or at an angle.
- Turn off and unplug the printer before cleaning. Clean with a damp cloth only. Do not spill liquid on the printer.
- Always turn the printer off using the ⏻ power button. The ⏻ power light flashes briefly and then goes off. Don't switch off the power strip or unplug the printer until the ⏻ power light is off.

- Do not block or cover the openings in the printer's case or insert objects through the slots.
- Except as specifically explained in this manual, do not attempt to service the printer yourself.
- Unplug the printer and refer servicing to qualified service personnel under the following conditions:

If the power cord or plug is damaged; if liquid has entered the printer; if the printer has been dropped or the case damaged; if the printer does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.

Ink Cartridge Safety Instructions

- Keep ink cartridges out of the reach of children and do not drink the ink.
- Be careful when you handle used ink cartridges; there may be ink remaining around the ink supply port. If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.
- Do not put your hand inside the printer or touch the cartridge during printing.
- Do not move the print head by hand. You may damage the printer.
- Install the ink cartridge immediately after you remove it from its plastic package. Leaving the cartridge unpacked for a long time before use can result in reduced print quality.
- Do not use an ink cartridge beyond the date printed on the cartridge carton. For best results, use up the ink cartridges within six months of first installing them.
- Store ink cartridges in a cool, dark place.
- After bringing an ink cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- Do not dismantle the ink cartridges or try to refill them. This could damage the print head.
- Do not touch the green IC chip on the side of the cartridge. This may affect normal operation and printing.
- If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the printer. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink cartridge ink supply port or surrounding area.
- Before transporting the printer, make sure the print head is capped in the far right position and the ink cartridges are in place. Tape the ink cartridge holder to the printer case to make sure it remains in the proper position.

FCC Compliance Statement

For United States Users

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Canadian Users

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Declaration of Conformity

According to 47CFR, Part 2 and 15 for Class B Personal Computers and
Peripherals; and/or CPU Boards and Power Supplies used with Class B Personal
Computers:

We: EPSON AMERICA, INC.

Located at: MS: 3-13
3840 Kilroy Airport Way
Long Beach, CA 90806-2469
Telephone: (562) 290-5254

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR §2.909. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name: EPSON

Type of Product: Ink Jet Printer

Model: EPSON Stylus C82: B171A

Epson America, Inc. Limited Warranty

What Is Covered: Epson America, Inc. (“Epson”) warrants to the first retail purchaser that the EPSON printer covered by this limited warranty statement, if purchased and used in the United States or Canada, conforms to the manufacturer’s specifications and will be free from defects in workmanship and materials for a period of one (1) year from the date of original purchase. Epson also warrants that the consumable ink cartridges enclosed with the printer will perform to the manufacturer’s specified usage, which usage may expire before the expiration of the limited warranty for the EPSON printer. For warranty service, you must provide proof of the date of original purchase.

What Epson Will Do To Correct Problems: Should your EPSON printer prove defective during the warranty period, please call the EPSON ConnectionSM at (562) 276-7525 (U.S.) or (905) 709-2567 (Canada) for warranty repair instructions and return authorization. An Epson service technician will provide telephone diagnostic service to determine whether the printer requires service. If service is needed, Epson will, at its option, exchange or repair the printer without charge for parts or labor. If Epson authorizes an exchange for the defective unit, Epson will ship a replacement printer to you, freight prepaid, so long as you use an address in Canada or the U.S. (excluding Puerto Rico and U.S. Possessions). Shipments to other locations will be made freight collect. You are responsible for securely packaging the defective unit and returning it to Epson within five (5) working days of receipt of the replacement. Epson requires a debit or a credit card number to secure the cost of the replacement printer in the event that you fail to return the defective one. If your printer is being repaired, Epson will direct you to send your printer to Epson or its authorized service center, where the printer will be fixed and sent back to you. You are responsible for packing the printer and for all costs to and from the Epson authorized service center. When warranty service involves the exchange of the printer or a part, the item replaced becomes Epson property. The replacement printer or part may be new or refurbished to the Epson standard of quality, and, at Epson’s option, may be another model of like kind and quality. Epson’s liability for replacement of the covered printer will not exceed the original retail selling price of the covered printer. Exchange products and parts assume the remaining warranty period of your original product covered by this limited warranty.

What This Warranty Does Not Cover: This warranty covers only normal use in the United States and Canada. This warranty is not transferable and will not apply to products purchased from an end user. This warranty does not cover any color change or fading of prints or reimbursement of materials or services required for reprinting. This warranty does not cover damage to the EPSON product caused by parts or supplies not manufactured, distributed or certified by Epson. This warranty does not cover ribbons, ink cartridges or third party parts, components, or peripheral devices added to the EPSON product after its shipment from Epson, e.g., dealer or user-added boards or components. Epson is not responsible for warranty service should the Epson label or logo or the rating label or serial number be removed or should the product fail to be properly maintained or fail to function properly as a result of misuse, abuse, improper installation, neglect, improper shipping, damage caused by disasters such as fire, flood, and lightning, improper electrical current, software problems, interaction with non-Epson products, or service other than by an Epson Authorized Servicer. If a claimed defect cannot be identified or reproduced, you will be held responsible for the costs incurred.

THE WARRANTY AND REMEDY PROVIDED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT OR FITNESS FOR A PARTICULAR PURPOSE. SOME LAWS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES. IF THESE LAWS APPLY, THEN ALL EXPRESS AND IMPLIED WARRANTIES ARE LIMITED TO THE WARRANTY PERIOD IDENTIFIED ABOVE. UNLESS STATED HEREIN, ANY STATEMENT OR REPRESENTATIONS MADE BY ANY OTHER PERSON OR FIRM ARE VOID. EXCEPT AS PROVIDED IN THIS WRITTEN WARRANTY, NEITHER EPSON AMERICA, INC. NOR ITS AFFILIATES SHALL BE LIABLE FOR ANY LOSS, INCONVENIENCE, OR DAMAGE, INCLUDING DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OR INABILITY TO USE THE EPSON PRODUCT, WHETHER RESULTING FROM BREACH OF WARRANTY OR ANY OTHER LEGAL THEORY.

In Canada, warranties include both warranties and conditions.

Some jurisdictions do not allow limitations on how long an implied warranty lasts, and some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from jurisdiction to jurisdiction.

Epson America, Inc. ■ P. O. Box 93012 ■ Long Beach, CA 90809-3012

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EPSON Ink Jet Papers

Use EPSON paper and inks to get the best results from your EPSON printer! EPSON papers are specially designed to work with EPSON quick drying inks.



Premium Bright White Paper

Premium Bright White Paper has a sleek, ultra-smooth surface, and 108+ brightness. This paper delivers crisp black text and vivid, colorful images. It's perfect for everyday printing—especially two-sided documents.

Double-Sided Matte Paper

Double-Sided Matte Paper is coated on both sides with a flat matte finish for photographic quality output. It's the ideal media when you need high-quality double-sided printing for brochures, newsletters, or flyers.



Glossy Photo Paper 4 × 6

Here's a water-resistant paper with a glossy finish for your photo keepsakes. It's available in a variety of sizes, but you'll find the 4 × 6 inch size is just right for your digital snapshots.

Featuring EPSON's exclusive new DuraBrite™ ink technology for superior clarity, lightfastness, and water resistance.



For more information on other EPSON products and fun project ideas, look for the EPSON Print LabSM Series at www.printlabseries.com.

See the inside back cover for a list of EPSON papers and ordering information.

How To Order EPSON Ink and Paper

To order EPSON ink cartridges and paper, call (800) 873-7766 or visit the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, call (800) 463-7766 for dealer referral.

EPSON Ink Cartridges

Black	T032120
Cyan	T042220
Magenta	T042320
Yellow	T042420



EPSON Papers

Paper name	Size	Part number
EPSON Premium Bright White Paper	Letter (8.5 x 11 inches)	S041586
EPSON Photo Quality Ink Jet Paper	Letter (8.5 x 11 inches)	S041062
	Legal (8.5 x 14 inches)	S041067
	A4 (8.3 x 11.7 inches)	S041061
EPSON Photo Quality Ink Jet Cards	A6 (4.1 x 5.8 inches)	S041054
EPSON Double-Sided Matte Paper	Letter (8.5 x 11 inches)	S041568
EPSON Enhanced Matte Paper (Archival Matte Paper)	Letter (8.5 x 11 inches)	S041341
EPSON Matte Paper Heavyweight	Letter (8.5 x 11 inches)	S041257
EPSON Glossy Photo Paper (Photo Paper)	Letter (8.5 x 11 inches)	S041141 (20)/ S041649 (50)/ S041271 (100)/ S041272 (500)
	4 x 6 inches	S041134 (20)/ S041671 (50)
	A4 (8.3 x 11.7 inches)	S041140
EPSON Premium Semigloss Photo Paper	Letter (8.5 x 11 inches)	S041331
EPSON Ink Jet Transparencies	Letter (8.5 x 11 inches)	S041064

Notes: The names of EPSON papers do not always match the paper type settings in your printer software. See the table on page 23 or the instructions that came with your paper to select the correct paper type setting.

EPSON is always adding new papers to this list. Visit the EPSON Store at www.epsonstore.com and check out the latest media.