Printer Parts

Paper support
Printer cover
Card eject button
Left edge guide (adjustable)
Output tray (extended)
Memory card slot

Preview monitor slot
Paper thickness lever
Preview monitor port
USB port
Roll paper holders

Ink cartridge holder
Processing light
Error light
Ink cartridge replacement button
Roll paper button
Maintenance button
Power button
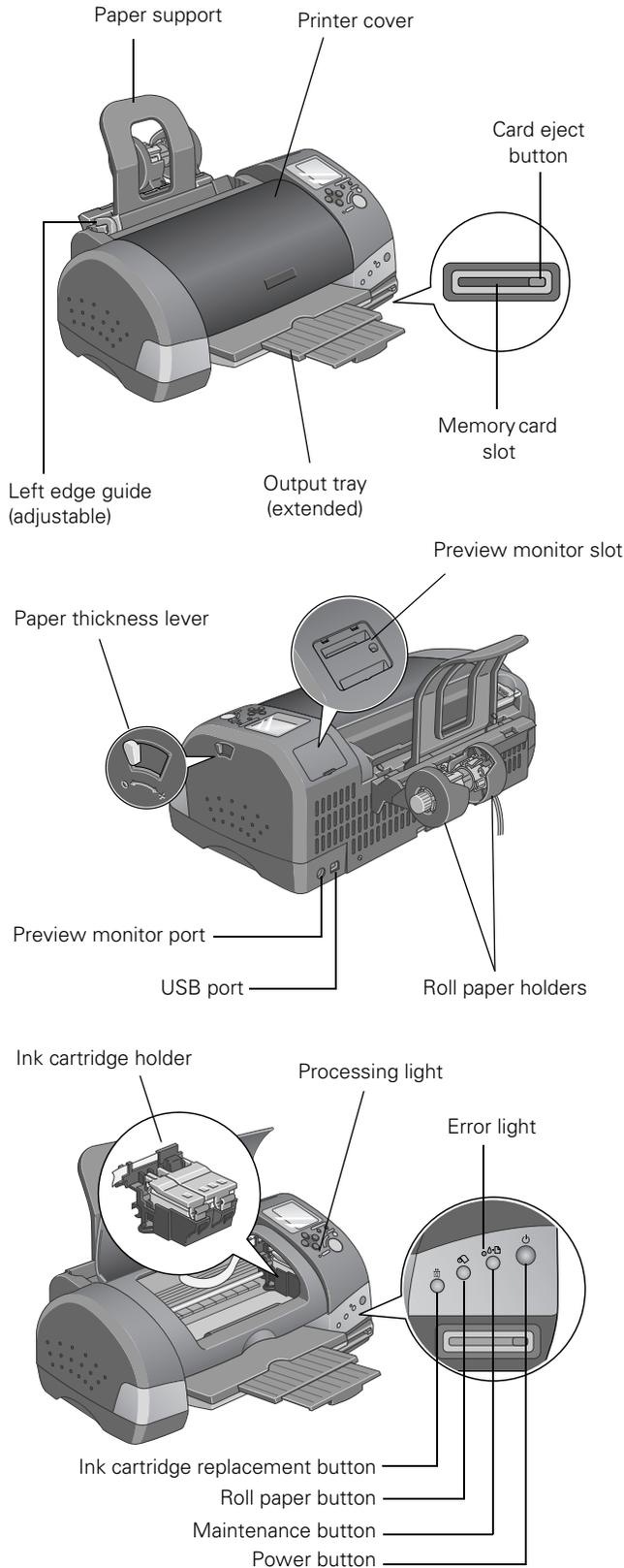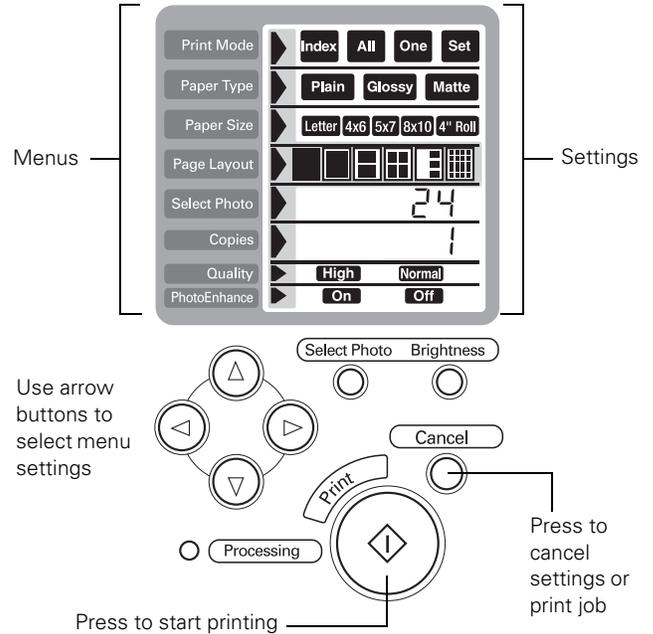
Using the Control Panel

When printing in stand-alone mode (without a computer), you can use the control panel to select print settings:

Menus

Print Mode	Index All One Set
Paper Type	Plain Glossy Matte
Paper Size	Letter 4x6 5x7 8x10 4" Roll
Page Layout	
Select Photo	24
Copies	1
Quality	High Normal
PhotoEnhance	On Off

Settings

Use arrow buttons to select menu settings

Select Photo   Brightness

Cancel

Print

Processing

Press to start printing

Press to cancel settings or print job

Option and Accessories

Options

Option	Part number
Preview monitor (black)	C12C860005
Preview monitor (gray)	C11C860005
PCMCIA (CompactFlash™) card adapter	2034142
Multimedia (4-in-1) card adapter	SDMA

NOTE The Dazzle® 4 in 1 adapter, which is commercially available, has also been tested and found to work with this printer.

Ink Cartridges

Cartridge	Part number
Black	T007201
Color	T008201

NOTE For available EPSON® paper types, see page 3.

Printer Specifications

Printing

Nozzle configuration	288 nozzles (48 each: black, cyan, magenta, yellow, light cyan, light magenta)
Print direction	Bidirectional with logic seeking
Control code	ESC/P Raster, EPSON Remote command
Input buffer	32KB

Mechanical

Paper capacity	100 sheets of 17 lb (64 g/m^2) paper
Dimensions	
Storage	Width: 18.4 inches (467 mm) Depth: 10.1 inches (256 mm) Height: 8.4 inches (212 mm)
Printing	Width: 19.4 inches (492 mm) Depth: 21.5 inches (547 mm) Height: 11.9 inches (302 mm)
Weight	11.6 lb (5.25 kg) without ink cartridges

Electrical

Specification	120 V Model	220–240 V Model
Input voltage *	99 to 132 V	198 to 264 V
Rated frequency	50 to 60 Hz	
Input frequency	49.5 to 60.5 Hz	
Rated current	0.45 A	0.25 A
Power consumption	Approx. 15 W (ISO10561 Letter Pattern) Approx. 3.5 W in standby mode	

* Check the label on the back of the printer for your printer's voltage.

Environmental

Temperature

Operation	50 to 95 °F (10 to 35 °C)
Storage*	–4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C)
Transit*	–4 to 140 °F (–20 to 60 °C) 120 hours at 140 °F (60 °C)

Humidity (without condensation)

Operation	20 to 80% RH
Storage*	5 to 85% RH

*Stored in shipping container

Safety Approvals

Safety standards	UL 1950, CSA 22.2 No. 950
EMI	FCC part 15 subpart B class B CSA C108.8 Class B

Ink Cartridges

Specification	Black ink cartridge	Color ink cartridge
Color(s)	Black	Cyan, Magenta, Yellow, Light Cyan, Light Magenta
Ink yield*	540 pages; A4, 3.5% (ISO/IEC letter pattern), text at 360 dpi	220 pages (A4, 360 dpi, 5% coverage each color)
Cartridge life	2 years from production date (if unopened) (within 6 months after opening package, at 77 °F [25 °C])	
Storage temperature	–4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C)	
Transit temperature	–22 to 140 °F (–30 to 60 °C) 1 month at 104 °F (40 °C) 120 hours at 140 °F (60 °C)	
Freezing temperature**	3.2 °F (–16 °C)	–0.4 °F (–18 °C)
Dimensions	0.8 × 2.4 × 1.5 inches (W × D × H) 20.1 × 60 × 38.5 mm (W × D × H)	1.9 × 2.4 × 1.5 inches (W × D × H) 49.1 × 60 × 38.5 mm (W × D × H)

* The figure given is based on continuous printing after ink replacement. The actual print capacity may vary, depending on how often you turn on the printer and how often you clean the print head.

** Ink thaws and is usable after approximately 3 hours at 77 °F (25 °C).

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

Don't use an ink cartridge that's older than the expiration date on the package.

EPSON Papers

When printing without a computer, choose one of the following EPSON papers. You can also use plain paper.

NOTE: When printing from a computer, additional paper types are available. See *Printer Basics* for details.

Available papers when printing without a computer

Paper name	Size	Part number
EPSON Glossy Photo Paper	Borderless 4 x 6 inches, non-perforated	S041458
	Letter (8.5 x 11 inches)	S041141 S041649 S041272 S041271
EPSON Premium Glossy Photo Paper	Letter (8.5 x 11 inches)	S041286 S041667
	Borderless 4 x 6 inches	S041682
	Borderless 5 x 7 inches	S041464
	Borderless 8 x 10 inches	S041465
	Roll (4 inches x 26 feet)	S041302
EPSON Matte Paper Heavyweight	Borderless 8 x 10 inches	S041467
	Letter (8.5 x 11 inches)	S041257
EPSON Premium Semigloss Photo Paper	Letter (8.5 x 11 inches)	S041331
	Roll (4 inches x 26 feet)	S041329
EPSON Photo Stickers® Kit (CD-ROM/paper)	A6 (4.1 x 5.8 inches)	S041144-KIT
EPSON Photo Stickers (refill)	A6 (4.1 x 5.8 inches)	S041144
EPSON Photo Quality Ink Jet Paper	Letter (8.5 x 11 inches)	S041062
EPSON ColorLife Photo Paper	Letter (8.5 x 11 inches)	S041500

Borderless Papers

BorderFree™ printing is available for a variety of paper types and sizes, whether you're printing from your computer or in stand-alone mode.

Borderfree-compatible papers

Paper name	4 × 6	5 × 7	8 × 10	4-inch roll
Glossy Photo Paper	✓	—	—	—
Premium Glossy Photo Paper	✓	✓	✓	✓
Premium Semigloss Photo Paper	—	—	—	✓
Premium Luster Photo Paper	—	—	—	—
Matte Paper Heavyweight	—	—	✓	—

Selecting the Media or Paper Type Setting

When printing without a computer (in stand-alone mode), select the following Paper Type settings from the printer's control panel:

Plain For plain paper. Recommended for index or test prints.

Glossy For EPSON Premium Glossy, Premium Semigloss, or ColorLife Photo Paper.

Matte For EPSON Matte Paper Heavyweight.

You can further adjust the setting if you're printing on one of these papers:

❏ For EPSON Photo Paper or Glossy Photo Paper, press the ◉ button and hold it until **PP** flashes on the Select Photo menu.

❏ For EPSON Photo Quality Ink Jet Paper, press the ◉ button and hold it until **SF (SuperFine)** flashes on the Select Photo menu.

When printing from your computer, select from the following **Type** settings (Windows) or **Media Type** settings (Macintosh) in the driver software:

Media Type settings supported by printer driver software

Paper	Setting
Plain paper sheets or envelopes EPSON Premium Bright White Paper	Plain paper
EPSON Iron-On Transfer Paper	360 dpi Ink Jet Paper
EPSON Photo Quality Ink Jet Paper EPSON Photo Quality Ink Jet Cards EPSON Photo Quality Self Adhesive Sheets	Photo Quality Ink Jet Paper
EPSON Matte Paper Heavyweight EPSON Double-Sided Matte Paper	Matte Paper - Heavyweight
EPSON Photo Paper	Photo Paper
EPSON Glossy Photo Paper EPSON All PUrpose Glossy Paper EPSON Photo Quality Glossy Paper EPSON Glossy Photo Greeting Cards EPSON Panoramic Glossy Photo Paper	Glossy Photo Paper
EPSON Premium Glossy Photo Paper EPSON Premium Luster Photo Paper EPSON Semigloss Photo Paper	Premium Glossy Photo Paper
EPSON Photo Stickers EPSON Photo Quality Glossy Film	Photo Quality Glossy Film
EPSON Ink Jet Transparencies	Ink Jet Transparencies
EPSON ColorLife Photo Paper	ColorLife Photo Paper

Media Loading Guidelines

❏ See page 3 for EPSON papers that can be used with this printer.

❏ Except for envelopes, load paper short edge first, even when printing landscape-oriented pictures. Load envelopes flap edge first with the flap side down.

❏ Always handle sheets by the edges, and don't touch the printable surface.

❏ Be sure to load the printable (whiter) side of the media face up in the sheet feeder.

❏ Do not load paper higher than the arrow mark on the left edge guide. (Some papers should be loaded just one sheet at a time.)

❏ In addition to the Media Type (or Paper Type) setting, remember to select the correct Paper Size for your media.

❏ If the special media has protective sheets between each sheet of media, be sure to remove the protective sheets before printing.

❏ Some special media have a cut corner that you need to position in the upper right when loading.

> **NOTE**
>
> Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, EPSON cannot attest to the quality of any non-EPSON brand or type of paper. Always test samples of paper stock before purchasing large quantities or printing large jobs.
>
> Poor quality paper may reduce print quality and cause paper jams and other problems. If you encounter problems, switch to a higher grade of paper.
>
> Do not load curled or folded paper.
>
> Use papers under these conditions:
> Temperature: 59 to 77 °F (15 to 25 °C)
> Humidity: 40 to 60% RH
>
> Store printouts on Photo Quality Glossy Film and Self Adhesive Sheets under these conditions:
> Temperature: 59 to 86 °F (15 to 30 °C)
> Humidity: 20 to 60% RH

Printable area

single sheets/index cards

envelopes

** no margins
(4 × 6, 5 × 7, 8 × 10,
and letter-size only)

A: The minimum top margin is 0.12 inch (3.0 mm).
When loading multiple sheets of EPSON Photo Quality Glossy Film, the minimum top margin is 1.2 inches (30.0 mm).

B-L: The minimum left margin is 0.12 inch (3.0 mm).

B-R: The minimum right margin is 0.12 inch (3.0 mm) for all papers except DL envelopes (0.28 inch [7.0 mm]) and No. 10 envelopes (1.10 inches [28.0 mm]).

C: The minimum bottom margin is 0.55 inch (14.0 mm).

* You can extend the minimum bottom margin to 0.12 inch (3.0 mm) by selecting Maximum as the Printable Area setting. However, print quality may decline in the expanded area.

** When printing with the No Margins setting, print quality may decline in the top and bottom areas of the printout and some of the image will be cropped.

Printing Without a Computer

The Stylus Photo 825 lets you print photos without using a computer by inserting a digital camera's memory card into the printer.

### Inserting a Memory Card

The printer supports the following types of memory cards: CompactFlash™ Type I and II, SmartMedia,™ Sony Memory Stick,® and IBM® Microdrive.™

A PCMCIA adapter (PC card adapter) for CompactFlash Type I memory cards and a multimedia (4-in-1) adapter are included with the printer; these let you use the types of cards listed above. If your camera uses a different type of card, you can purchase the appropriate adapter.

1. Make sure the printer is turned on.

2. Insert your memory card into the appropriate adapter, if necessary.
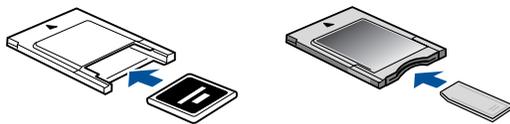
3. Insert the adapter into the printer's card slot.

Make sure the arrow is up and pointing into the slot

NOTE
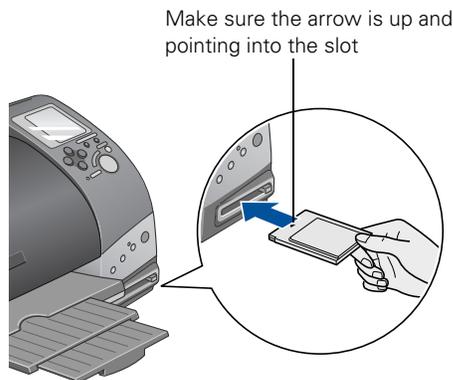
Files on the card must be in JPEG format, as written by a digital camera.

Image resolution may range from 160 × 160 to 3200 × 3200 pixels.

The card may contain more than 999 images, but the printer can read only the first 999.

Removing Memory Cards

When you're finished printing from a memory card, make sure the Processing light is not flashing before you remove the card. Then press the button to eject the card and pull it out of the slot.

CAUTION

Do not eject a card while the Processing light is flashing, or you may lose data on the card.

If your computer is connected and turned on, you should also take these steps:

❑ On a Macintosh, select the memory card icon on your desktop and drag it to the Trash. If you remove the card without doing this, an error message will remain on your screen until you reinsert the card, and you may lose your images.

❑ If you're running Windows XP or 2000, click the Unplug or Eject Hardware icon on the taskbar, then stop the EPSON storage device.

Printing an Index

Unless you're using the optional preview monitor, it's a good idea to start by printing an index. An index shows small, numbered images of all the photos on your memory card and helps you select the photos you want to print.

1. Make sure your memory card is inserted and plain paper is loaded in the printer.

2. Press the Cancel button to clear any settings you may have made. Index is automatically selected as the Print Mode setting:

Index is automatically selected
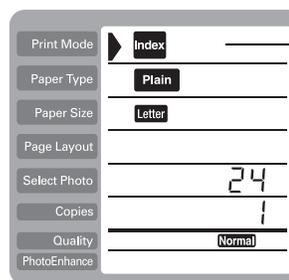
3. Press the ◇ Print button. Your index is printed.

Printing Your Photos

You can select one or more photos for printing:

❏ If you select one photo, you can print one or more copies of it on a page, depending on your selected layout. With the copies option, you can print multiple pages of your selected layout.

❏ If you select a set of photos, you can print them as a group using a variety of layouts. If you've selected more photos than can fit on a page, the printer automatically prints additional pages as needed, using the selected layout.

Make sure the type of paper you want to use is loaded in the printer, then follow these steps:

1. Select your Print Mode (All, One, or Set), depending on which photos you want to print.

2. Select the appropriate Paper Type and Paper Size settings. See page 3 to choose the correct Paper Type setting.

3. In the Page Layout menu, select one of the options shown below.

   ■ Prints one photo per sheet, borderless; fits the photo lengthwise on the paper.

   Prints 1, 2, 3, or 4 photos per sheet, with borders around the edges.

   Prints 20 photos per sheet. If you select a set of photos, the photo number and date are also printed with each photo. (Good for printing larger-size index prints.)

   NOTE Your photos are automatically sized to fit the type of paper you've loaded.

   If you're printing on roll paper, the page layout is automatically selected (you can print only borderless photos on roll paper).

4. At the Select Photo menu, press the ⊙ button to select the picture you want to print.

   If you're printing various photos, press the round Select Photo button when the number of the picture you want to print is displayed. Continue pressing this button to print additional copies of this photo (shown in the Copies menu). When done, use the ⊙ and ⊙ buttons to select additional photos.

   If you're printing just one photo (Print Mode is set to One), you can use the Copies menu to select the number of pages you want to print. (If the Print Mode is on Set, the number of pages is automatically determined; you cannot change this setting.)

5. In the PhotoEnhance menu, select On (if your camera supports PRINT Image Matching™ or to improve brightness and contrast) or Off.

6. Press the ◇ Print button. Your print job begins printing.

   NOTE When using the printer in stand-alone mode, you can make additional changes to your images before printing. For example, you can adjust the brightness or use various filters to make color corrections. These changes do not affect your original photo files, just the way they're printed. For details, see the *Printer Basics* book.

   To cancel a print job while printing, press the Cancel button.

Testing the Printer

You can run a printer self-test to determine whether a problem comes from the printer itself or some other source.

1. Make sure both the printer and computer are turned off. Then disconnect the USB cable from the printer.

2. Make sure letter-size or larger paper is loaded in the printer.

3. Hold down the 🖨 maintenance button, then press and release the ⏻ power button.

   The printer prints a test page showing its ROM version number, black and color ink percentages remaining, and a nozzle check pattern. (If the pattern has gaps, you need to clean the print head; see page 8.)

   ❏ If the test page prints, the problem probably lies in your memory card, software settings, interface cable, or computer. Your software may not be installed correctly.

   ❏ If the test page doesn't print, you may have a problem with the printer. Try the suggestions in the *Printer Basics* book. If you can't solve the problem yourself, contact your dealer or EPSON.

4. After examining the test page, remember to turn off the printer and reconnect its cable to your computer.

Replacing an Ink Cartridge

When the red ◊·🗅 error light flashes, an ink cartridge is low on ink. This is a good time to make sure you have a new cartridge handy. When the red ◊·🗅 error light stays on, you may need to replace one of the cartridges.

> **NOTE**
> The red ◊·🗅 error light also comes on if your paper runs out or is jammed, so make sure to check your paper before replacing a cartridge.

Check the control panel to see which cartridge is low or empty:

Ink status	Control panel display
Ink low—black	ı L b
Ink low—color	ı L c
Ink empty—black	E r r ı E b
Ink empty—color	E r r ı E c

> **CAUTION**
> You cannot print if either ink cartridge is empty. Leave the empty cartridge installed in the printer until you have obtained a replacement, or the ink remaining in the print head nozzles may dry out.

When an installed cartridge is more than six months old, you may need to replace it if printouts don't look their best. If the quality doesn't improve after cleaning and aligning the print head, you can replace the cartridge even if the ◊·🗅 error light is off.

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

❏ Black ink cartridge: T007201

❏ Color ink cartridge: T008201

> **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 Store at (800) 873-7766 or visit www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Removing and Installing Ink Cartridges

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.

1. Make sure the printer is turned on and not printing, then open the printer cover.

2. Press the ink cartridge replacement button. The print head moves to the center and the Processing light flashes.
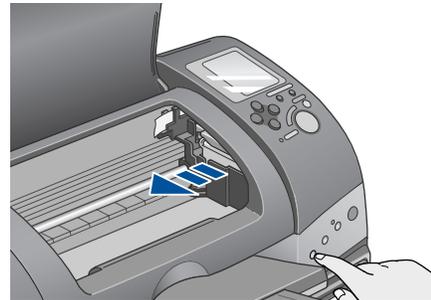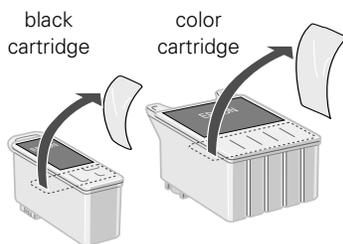
3. The color cartridge is on the right and the black is on the left. Open the ink cartridge cover. The cartridge rises up from its holder.
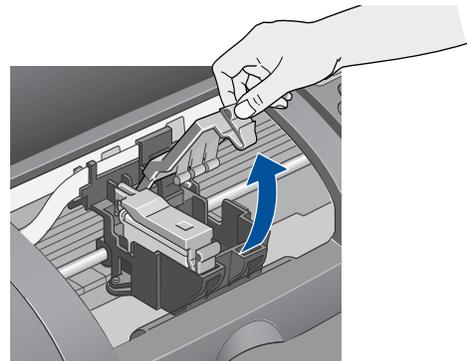
4. Lift the cartridge out of the printer and dispose of it carefully.
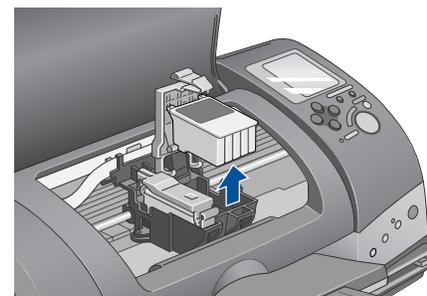
5. Unwrap the new ink cartridge. Then remove *only* the yellow tape seal on top.

black cartridge   color cartridge

CAUTION
You must remove the yellow tape from the top of the cartridge or you will permanently damage it.

Don't try to remove the clear seal underneath the cartridge.

Don't touch the green circuit board on the back of the cartridge; you may inhibit normal operation and printing.

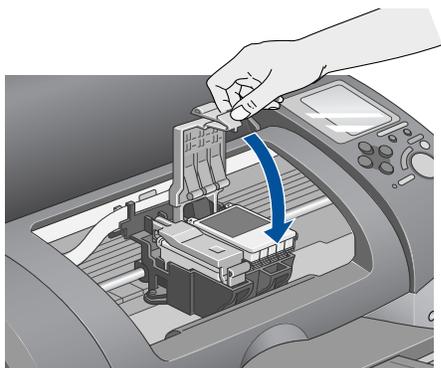6. Lower the cartridge into the holder, resting it on top of the hooks as shown.

CAUTION
Don't place the cartridge under the hooks, or they may break when you close the cover.

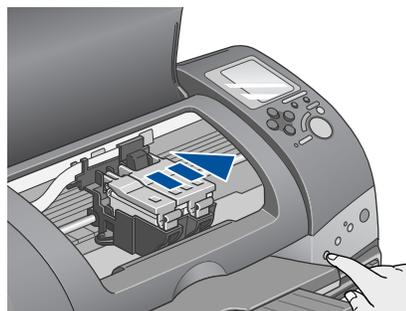Set cartridge on top of hooks
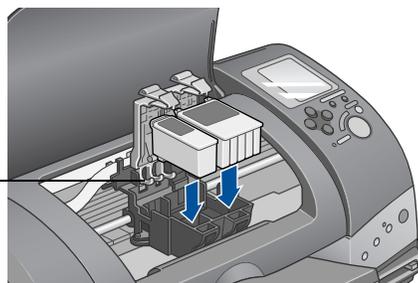
7. Close the ink cartridge cover (press down firmly until it snaps shut).

8. If you need to replace the other ink cartridge, repeat steps 3 through 7 before continuing with step 9.

9. Press the ⛃ ink cartridge replacement button and close the printer cover. The printer begins charging the ink delivery system.

The Processing light flashes, and the printer makes noise. Charging takes about one minute. When it's finished, the Processing light stops flashing and stays on, and the red ◊·🗅 error light goes out.

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

Cleaning the Print Head

If your printouts are unexpectedly light or faint, colors are missing, or dots or lines are missing, out of place, or broken, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly. Print head cleaning uses ink, so clean it only if quality declines.

CAUTION
When you don't turn on your printer for a long time, the print quality can decline. It's a good idea to turn on your printer at least once a month to maintain good print quality.

Follow these steps to run the head cleaning utility:

1. Make sure the printer is turned on but not printing, and the red ◊·🗅 error light is off. (If the red light is flashing or on, you may need to replace the ink cartridge; see page 7 for details.)

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: Choose File > Page Setup or Print. Click the 🗊 Utility button, then click the 🖌 Head Cleaning button.

   Macintosh OS X: Open the Applications folder and select EPSON Printer Utility. Select SP 825 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 30 seconds, during which the printer makes some noise and the green Processing light flashes.

4. When the green Processing light stops flashing, make sure paper is loaded in the printer and click Print nozzle check pattern. Then click Print. The nozzle check pattern is printed.

5. Examine the printed pattern. Each staggered horizontal and straight vertical line should be complete, with no gaps in the dot pattern, as shown below:
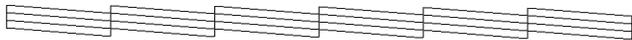
❏ If the nozzle check pattern has no gaps or lines, click Finish.

❏ If any dots are missing (as shown below), click Clean to clean the print head again.

If you don't see any improvement after cleaning three or four times, try turning off the printer and waiting overnight—this allows any dried ink to soften—and then try cleaning the print head again.
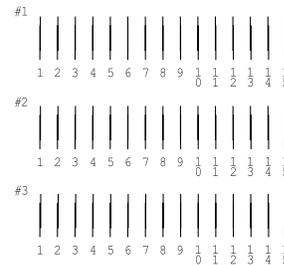
Aligning the Print Head

If your printouts contain misaligned vertical lines, or you see light or dark horizontal banding, you may need to align the print head. Make sure you've cleaned the print head first, as described in the previous section, to ensure that the problem isn't caused by clogged nozzles.

> **NOTE**
> If your image looks texturized or blurry, make sure the platen gap lever is not in the ✉ position for envelopes.

1. Turn on the printer and load a sheet of letter-size plain 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: Choose File > Page Setup or Print. Click the 🔧 Utility button, then click the A·A Print Head Alignment button.

   Macintosh OS X: Open the Applications folder and select EPSON Printer Utility. Select SP 825 in the printer list, click OK, and select Print Head Alignment.

3. Follow the instructions on the screen to print an alignment pattern.

4. Examine each row and select the line (1–15) in which the dots are best-aligned vertically (printed on top of each other). You may need to use a magnifying glass or eye loupe.

Then enter the number of the best line for each row in the corresponding box on the screen:
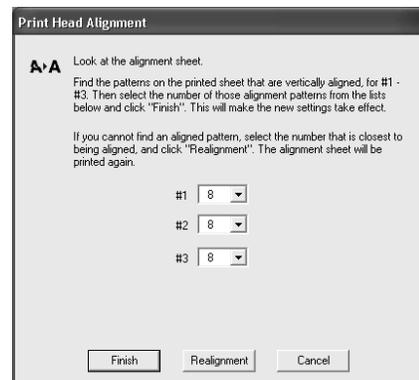
5. Click Finish.

6. If you chose a line other than number 8, click Realignment to print another test page, then repeat step 4.

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.

> **CAUTION**
> To avoid damage, always leave the ink cartridges installed when transporting the printer.

Follow these steps:

1. Turn on the printer, wait until the print head locks in the far right position, then turn off the printer.

2. Unplug the power cord from the electrical outlet. Then disconnect the printer cable from the printer.

3. Take out any paper and remove the paper support.

4. Open the printer cover. Secure the ink cartridge holder to the printer with tape as shown, then close the printer cover.
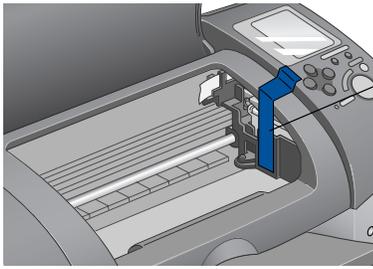
IMPORTANT:
Tape the ink cartridge holder to the printer case

5. Push in the output tray extension and close the tray.

6. Repack the printer and its attachments in the original box (if possible) using the protective materials that came with them. See your *Start Here* sheet.

Keep the printer level as you transport it.

After moving the printer, remove the tape securing the print head before turning on the printer. If print quality is poor, clean the print head (see page 8); if output is misaligned, align the print head as described in the previous section.

Related Documentation

CPD-14526	EPSON Stylus Photo 825 *Printer Basics*
CPD-14525	EPSON Stylus Photo 825 *Start Here*
CPD-14524	EPSON Stylus Photo 825 *Quick Reference* guide
CPD-14527	EPSON Stylus Photo 825 CD-ROM with electronic *Reference Guide*
PL-SP825	Parts Price List