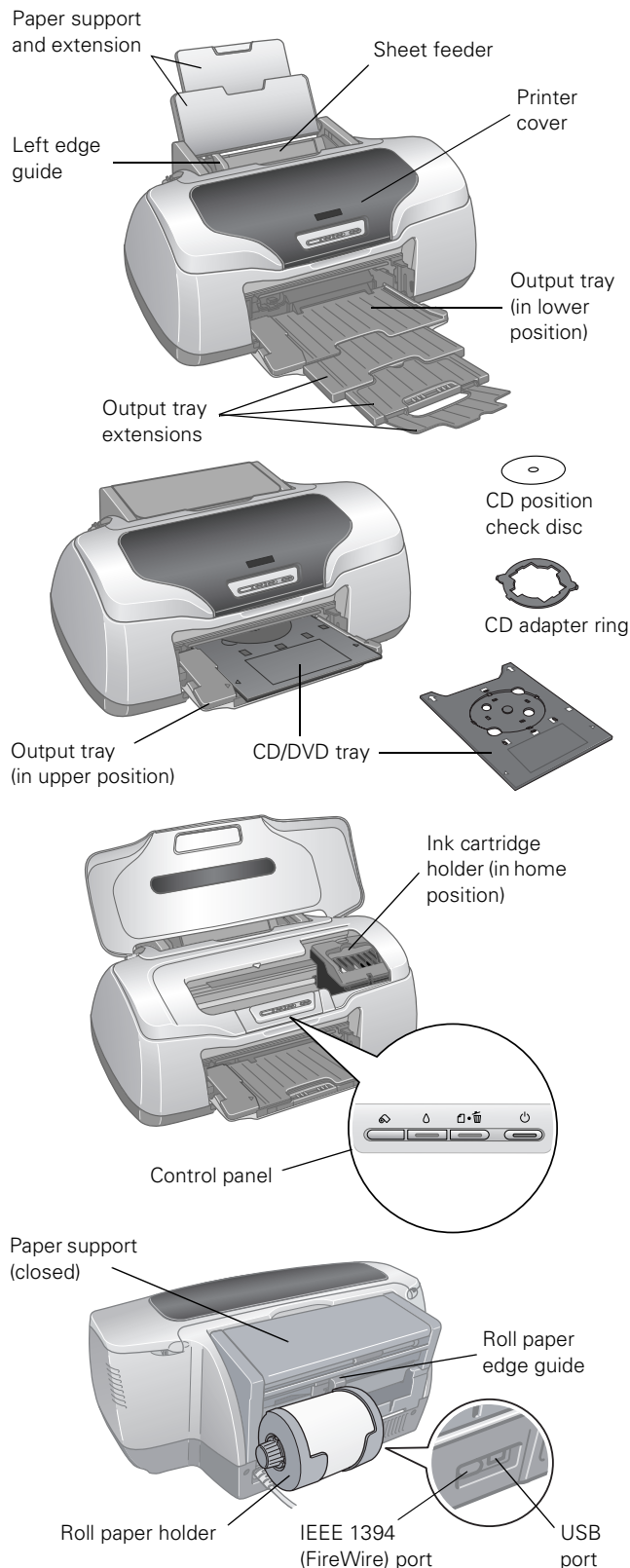


Printer Parts



User Replaceable Parts

User replaceable part	Reference number	Part number
CD tray	12	1262744
CD adapter ring	8	1264619
CD dummy sheet	13	1236444
Roll paper holder (R)	11	1274012
Roll paper holder (L)	10	1274011

Accessories

Ink Cartridges

Cartridge	Part number
Yellow	T054420
Magenta	T054320
Cyan	T054220
Matte Black	T054820
Photo Black	T054120
Red	T054720
Blue	T054920
Gloss Optimizer	T054020

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.

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 Photo Quality Self Adhesive Sheets	A4 (8.3 x 11.7 inches)	S041106
Epson Enhanced Matte Paper	Letter (8.5 x 11 inches)	S041341
Epson Matte Paper Heavyweight	Letter (8.5 x 11 inches)	S041257
	8 x 10 inches, borderless	S041467
Epson Premium Glossy Photo Paper	Letter (8.5 x 11 inches)	S041286/S041667
	4 x 6 inches, borderless	S041727
	5 x 7 inches, borderless	S041464
	8 x 10 inches, borderless	S041465
	4 inches x 26 ft roll paper	S041302
	8.3 inches x 32.8 ft roll paper	S041376
Epson Premium Semigloss Photo Paper	Letter (8.5 x 11 inches)	S041331
	4 inches x 26 ft roll paper	S041329
Epson Premium Luster Photo Paper	Letter (8.5 x 11 inches)	S041405
	8.3 inches x 32.8 ft roll paper	S041408
PremierArt Matte Scrapbook Photo Paper for Epson	Letter (8.5 x 11 inches)	SCR1002

* Availability of paper types varies by location. See page 11 or your paper instructions to select the Type or Media Type setting. If you load paper not listed as a setting in your printer software, you may see smears, roller marks, misting, or other problems.

Printer Specifications

Printing

Printing method Advanced Micro Piezo pigment ink technology, optimized for photo printing

Nozzle configuration 1440 nozzles (180 × 8)

Electrical

	120 V Model	220-240 V Model
Input voltage range	99 to 132 V	198 to 264 V
Rated frequency range	50 to 60 Hz	
Input frequency range	49.5 to 60.5 Hz	
Rated current	0.5 A (Max. 0.8 A)	0.25 A (Max. 0.4 A)
Power consumption	Approx. 20 W (ISO10561 Letter Pattern) Approx. 2 W in Sleep mode	Approx. 20 W (ISO10561 Letter Pattern) Approx. 2.5 W in Sleep mode

* Check the label on the back of the printer for its 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° (F40°C) Transit*: –4 to 140°F (–20 to 40°C) 120 hours at 140°F (60°C)
Humidity	Operation: 20 to 80% RH Storage:*** 5 to 85% RH

* Stored in a shipping container

** Without condensation

Standards and Approvals

Safety	UL 1950 CSA C22.2 No.60950
EMC	FCC Part 15 Subpart B Class B CSA C108.8 Class B

Mechanical

Paper path	Sheet feeder, top entry
Sheet feeder capacity	About 100 sheets at 24 lb (90 g/m ²) paper
Dimensions	Storage Width: 19.5 inches (495 mm) Depth: 12.0 inches (305 mm) Height: 7.6 inches (193 mm)
	Printing Width: 19.5 inches (495 mm) Depth: 25.6 inches (644 mm) Height: 12.7 inches (322 mm)
Weight	17.6 lb (8.0 kg) without the ink cartridges

Ink Cartridges

Color	Yellow, Magenta, Cyan, Matte Black, Photo Black, Red, Blue, Gloss Optimizer
Cartridge life	Within 6 months of opening the package, at 77 °F (25 °C)
Temperature	Storage: –4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C) Transit: –22 to 122 °F (–30 to 50 °C) 10 days at 122 °F (50 °C) Freezing:* 3.2 °F (–16 °C)
Dimensions	0.5 inch (12.7 mm) [W] × 2.89 inch (73.5 mm) [D] × 2.18 inch (55.3 mm) [H]

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

Paper

Single sheets

Size	Letter (8.5 × 11 inches [216 × 279 mm]) Legal (8.5 × 14 inches [216 × 356 mm]) A4 (210 × 297 mm) 3 × 3.5 inches (89 × 127 mm) 4 × 6 inches (113.6 × 175.4 mm) 5 × 7 inches (127 × 178 mm) 8 × 10 inches (203 × 254 mm)
Paper types	Plain bond paper, special paper distributed by Epson
Thickness (plain bond paper)	0.003 to 0.005 inch (0.08 to 0.13 mm)
Weight (plain bond paper)	17 lb (64 g/m ²) to 24 lb (90 g/m ²)

Envelopes

Size	No. 10 (104.8 × 241 mm)
Paper types	Plain bond paper
Thickness	0.016 to 0.02 inch (0.40 to 0.52 mm)
Weight	20 lb (75 g/m ²) to 24 lb (90 g/m ²)

See page 2 for a list of special paper distributed by Epson.

Caution: Poor quality paper may reduce print quality and cause paper jams or other problems. If you encounter problems, switch to a higher grade of paper.

Do not load curled or folded paper.

Use paper under normal conditions:
Temperature: 59 to 77 °F (15 to 25 °C)
Humidity: 40 to 60% RH

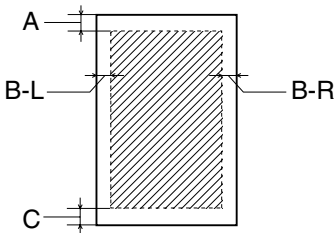
Epson Photo Quality Self-Adhesive Sheets should be stored under the following conditions:
Temperature: 59 to 86 °F (15 to 30 °C)
Humidity: 20 to 60% RH

Paper sizes which can be used with this printer range from 3.5 × 5" (89 × 127 mm) up to A4 (210 × 297 mm) or Legal (8.5 × 14" [216 × 356 mm]) size.

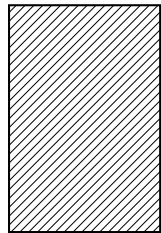
Printable area

Single sheets and index cards

Normal

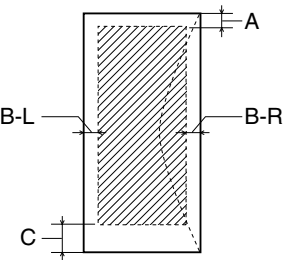


Borderless
(4 x 6, 5 x 7, 8 x 10, and
roll panorama only)



A:	The minimum top margin is 0.12 inch (3.0 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).
C:	The minimum bottom margin is 0.12 inch (3.0 mm).

Envelopes



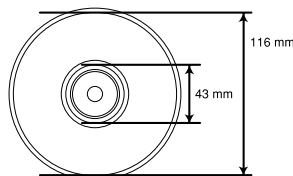
A:	The minimum top margin is 0.12 inch (3.0 mm).
B-L:	The minimum left margin is 0.12 inch (3.0 mm).
B-R:	The minimum right margin is 0.12 inch (3.0 mm).
C:	The minimum bottom margin is 0.78 inch (20 mm) for Windows and Mac OS 8.6 to 9.X. The minimum bottom margin is 0.12 inch (3.0 mm) for Mac OS X.

Roll paper

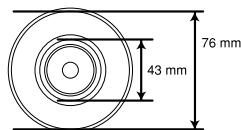
Standard margins	
	Pressing the roll paper button after printing prints the cutting guideline. If you press the roll paper button again and send print data, the margin between the printouts is about 65 mm.
	If you send a print job that has multiple pages, or send print jobs continuously, there will be no margin between the printouts.
Borderless	
	Pressing the roll paper button after printing prints the cutting guideline. If you press the roll paper button again and send print data, the margin between the printouts is about 65 mm.
	If you send a print job that has multiple pages, or send print jobs continuously, there will be no margin between the printouts.

CD/DVD

12-cm CD/DVD












8-cm CD/DVD












Caution: Do not set the inner diameter at 21 mm, although Epson Print CD allows you to. Printing inside of 43 mm may damage your CD/DVD drive.

Control Panel





To diagnose printer problems, check the printer's lights (see below) or run a printer check (see below).

Lights	Explanation
Green  power light flashes	The printer is receiving a print job, printing, replacing an ink cartridge, charging ink, or cleaning the print head.
Red  paper light on	<p>Your paper ran out, multiple sheets fed, or the wrong size sheet fed, or the CD/DVD tray is not inserted completely or no CD/DVD is on the tray.</p> <p>Sheet Feeder: If paper is out, load more paper and press the  paper button. If multiple sheets or the wrong size sheet fed, press the  paper button to eject the paper, then turn your printer off and then on. For loading instructions, see page 7.</p> <p>Roll Paper: See page 8 for instructions on loading or reloading roll paper.</p> <p>CD/DVD: See page 10 for instructions on inserting the CD/DVD tray correctly.</p>
Red  paper light flashes	<p>Jammed paper or the CD/DVD tray is blocking print head movement, or you're trying to print on paper or a CD/DVD with the wrong media loaded.</p> <p>If you suspect a paper jam, turn off the printer and pull out the jammed paper. Open the cover and remove any jammed or torn paper. Then do one of the following:</p> <p>Sheet Feeder: Turn on the printer, reload paper, and press the  paper button.</p> <p>Roll Paper: Cut off the printed portion, then remove the paper and reload it (see page 8).</p> <p>CD/DVD: Gently pull out the CD/DVD tray and press the  paper button. See page 10 for instructions on inserting the CD/DVD tray correctly.</p> <p>If you suspect that you sent a print job to the wrong paper path, load the correct paper or a CD/DVD.</p>
Red  ink light flashes	<p>An ink cartridge is low on ink.</p> <p>Make sure you have a replacement cartridge, then follow the steps on page 11 to install it.</p>
Red  ink light on	<p>An ink cartridge is out of ink, not installed, not installed correctly, or is not compatible with the printer.</p> <p>Follow the steps on page 11 to install or reinstall the cartridge correctly.</p>

Lights	Explanation
Green  power light and red  paper light flash and red  ink light flashes rapidly	<p>The printer cover is open while printing with plain paper in Economy mode.</p> <p>Close the printer cover.</p>
Green  power light is off and red  paper light and red  ink light flash rapidly	<p>Jammed paper or a foreign object is preventing the print head from returning to home position.</p> <p>Turn off the printer, open the printer cover, and remove any jammed or torn paper, or foreign object. Then turn the printer back on. If the error persists, contact your dealer or Epson.</p>
Green  power light, red  paper light, and red  ink light flash	<p>An unknown printer error has occurred.</p> <p>Turn off the printer, wait a few seconds, and turn it on again. If the lights are still flashing, contact your dealer or Epson.</p>

Running a Printer Check

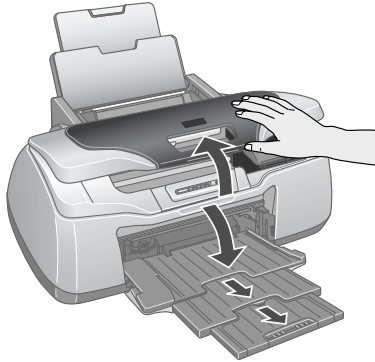
You can run a printer check to determine whether a problem comes from the printer or some other source.

1. Turn off your printer and computer, then disconnect the printer's interface cable.
2. Load letter-size paper in the sheet feeder.
3. Hold down the  paper button, then press and release the  power button. Hold down the  paper button until the  power light flashes.
4. A test page prints the printer's ROM version number and a nozzle check pattern.
 - ☐ If the check page prints, the problem probably lies in your software settings, interface cable, or computer, or your software may not be installed correctly.
 - ☐ If the check page doesn't print, you may have a problem with your printer.

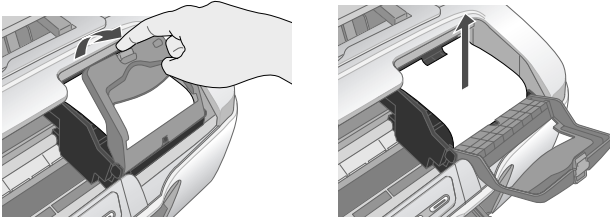
Try the suggestions in "Problems and Solutions" in the *User's Guide*.
5. Turn off the printer and connect the interface cable, then turn on your printer and computer.

Installing the First Ink Cartridges

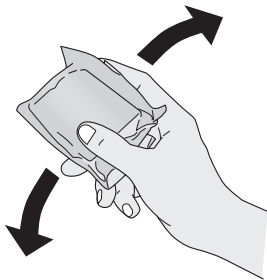
1. Open the output tray, pull out its extensions, and open the printer cover.



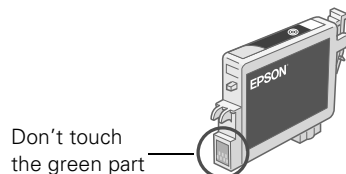
2. Release and open the cartridge cover, then remove the protective sheet inside.



3. Shake the ink cartridge packages 4 or 5 times before opening them. (Don't shake them after they're unpacked.)



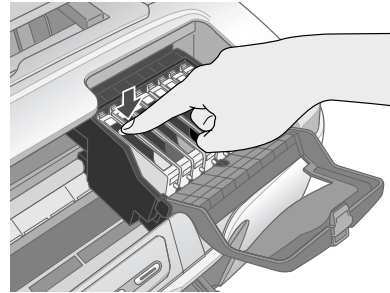
4. Remove the ink cartridges from their packages.



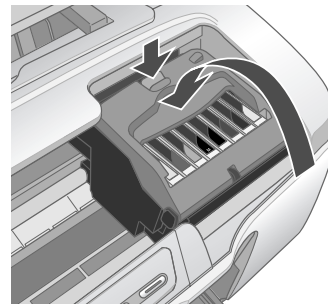
5. Slide each cartridge individually into its slot with the green part facing the front.

Make sure the colors on the cartridges match the labels inside the cartridge cover.

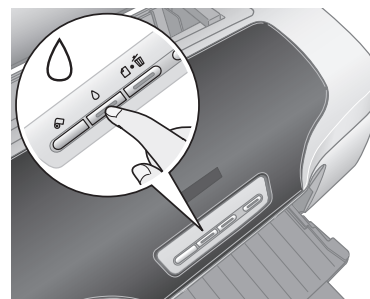
Then push each one down until it clicks into place.



6. Close the cartridge cover and press it down until it clicks into place.



7. Close the printer cover, then press the Δ ink button.



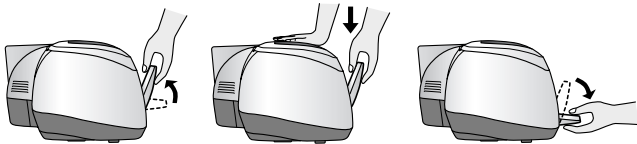
8. The green \odot power and red Δ ink lights flash as your printer charges ink for about 2 1/2 minutes.

Caution: Don't turn off the printer or interrupt charging, or you'll waste ink. If the \odot power and Δ ink lights don't turn off after 5 minutes, and the printer isn't making any noise, you can turn it off.

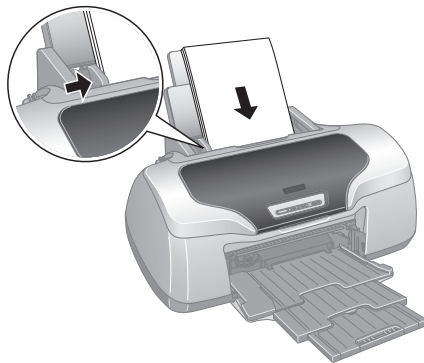
Loading Paper

Follow these steps to load plain paper and certain special papers in the sheet feeder:

1. Open the paper support and slide out its extension.
2. Make sure the output tray is in the lower position. If it isn't, lift the tray as shown below, then place one hand on the top of the printer and ease the tray down into the lower position.



3. Pull out the output tray extensions.
4. Place your paper in the printer on the right side of the sheet feeder.



5. Adjust the left edge guide to fit lightly against the paper.

Check the following as you load paper:

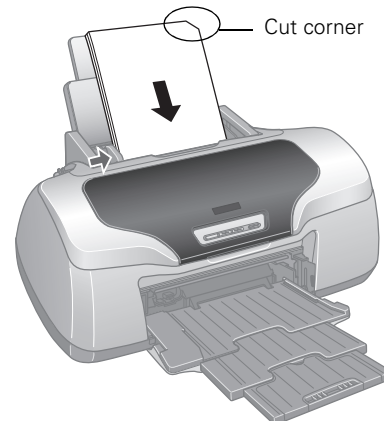
- ☐ Always load the short edge first, even for printing landscape-oriented documents.
- ☐ Load the printable side face up. It's usually whiter or brighter than the other side.
- ☐ Load letterhead or preprinted paper into the printer top edge first.
- ☐ Don't load paper above the arrow on the left edge guide.

Loading Special Paper

You can load the following number of sheets of Epson special media:

Paper type	Loading capacity
Epson Enhanced Matte Paper Epson Matte Paper Heavyweight Epson Premium Glossy Photo Paper Epson Premium Semigloss Photo Paper Epson Premium Luster Photo Paper	20 sheets
Epson Photo Quality Ink Jet Paper	100 sheets
Epson Premium Bright White Paper	80 sheets
Epson Photo Quality Self Adhesive Sheets PremierArt Matte Scrapbook Photo Paper for Epson	1 sheet at a time
Epson Photo Quality Ink Jet Cards	50 sheets

If the special paper has a cut corner, load the paper so the cut corner is positioned as shown here.



Check the paper package for additional handling instructions.

Loading Envelopes

You can load up to 10 envelopes at a time, as described below. For best results, press each envelope flat before loading it, or load one envelope at a time.

1. Open the paper support and slide out the support extension.
2. Open the output tray and its extensions. Make sure the tray is in the lower position.



3. Load envelopes short edge first as shown, with the flap side down and the flap edge facing left.
4. Slide the left edge guide against the envelopes.
5. Choose these settings in your printer software:
 - ☐ Plain Paper as the Type (Windows) or Media Type (Macintosh) setting
 - ☐ The envelope size as the Size (Windows) or Paper Size (Macintosh) setting
 - ☐ Landscape as the Orientation setting

If printing is smeared on your envelope or on other thick paper, select the **Thick paper and envelopes** checkbox in your printer software.

Loading Roll Paper

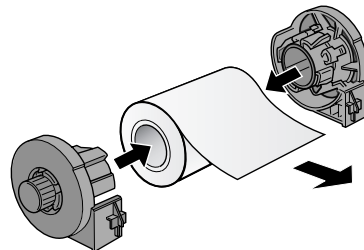
You can load 4-inch and 8.3-inch wide roll paper for printing multiple photos or panoramics, with or without borders.

It's a good idea to check and make sure your ink cartridges are not low before loading and printing on roll paper. If you need to replace a cartridge with roll paper loaded, you should remove the paper or marks may appear in your printout.

1. Turn on the printer and remove any paper loaded in the sheet feeder at the top of the printer.
2. Open the output tray, but don't pull out the extension. Also make sure the tray is in the lower position.



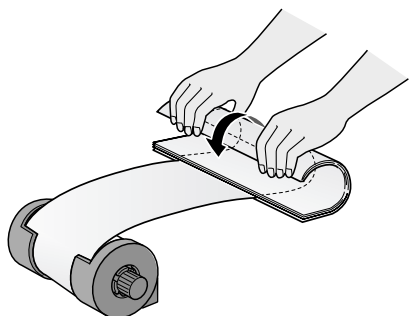
3. Place the roll paper on the holders as shown, then remove any tape and protective paper from the end of the roll.



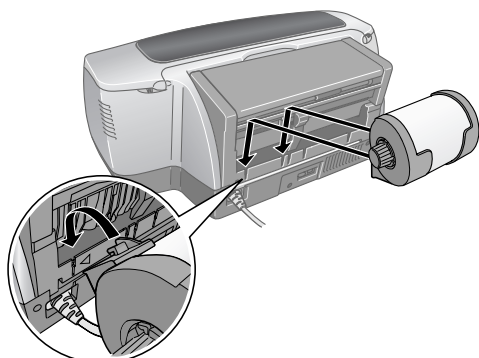
4. Make sure the end of the paper is cut straight across, with 90° corners. If the end is cut diagonally, you may have problems feeding the paper.

- If the paper curls at the end, roll it backwards between a folded sheet of paper to uncurl it.

Avoid touching the printable surface of the roll paper.

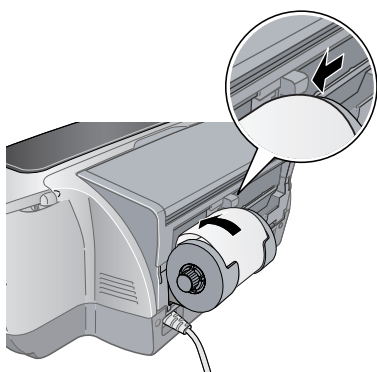


- Insert the left roll paper holder with the orange triangle into the far left slot, also marked with an orange triangle. Then insert the other holder into the corresponding slot on the right.



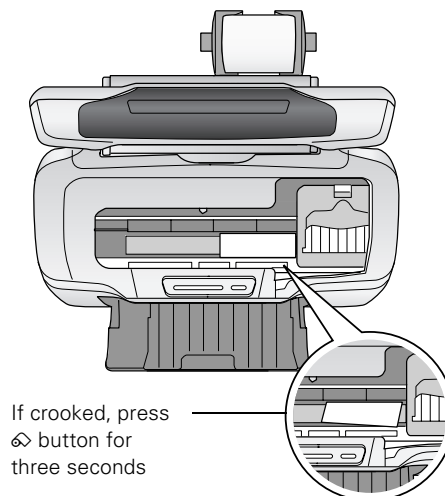
- Load the paper part of the way into the roll paper feeder, then slide the right roll paper edge guide to fit lightly against the paper.



Caution: Don't load roll paper into the sheet feeder at the top of the printer.



- Push the paper into the feeder as far as it will go; the printer feeds the paper automatically.

- To verify that the paper is loaded straight, open the printer cover and look into the printer.



If the paper is crooked, press the  roll paper button for three seconds to back the paper all the way out. Then turn the roll paper holder knobs to roll up the paper. Press the  roll paper button to clear the paper out error. Repeat steps 7 through 9 to reload the paper.

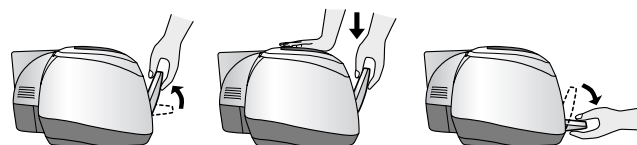
Loading and Printing CDs and DVDs

Caution: Use only ink jet-printable CDs or DVDs for printing. Do not use thermal-printable or regular CDs or DVDs.


Cleaning the Roller

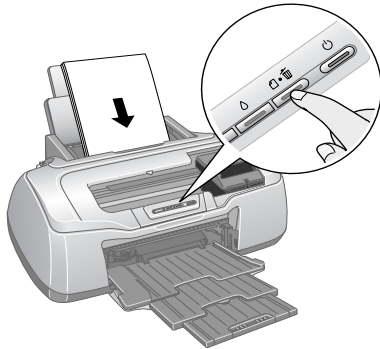
Before you print on CDs or DVDs, you need to clean the roller inside the printer. You can do this by feeding and ejecting several sheets of plain paper.


- Make sure the output tray is in the lower position. If it isn't, lift the tray as shown below, then place one hand on the top of the printer and ease the tray down into the lower position.

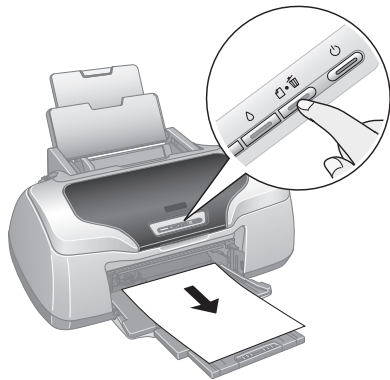


- Pull out the output tray extensions.
- Open the paper support and slide up the support extension.
- Turn on the printer and load several sheets of letter-size paper.

5. Press the  paper button to feed the paper.



6. Press the  paper button again to eject the paper.



7. Repeat steps 5 and 6 several times to completely clean the roller.

Inserting a CD or DVD

Make sure the data, music, or video is burned on your ink-jet printable CDs or DVDs before you print. Otherwise, dirt or scratches on the surface may cause errors when you burn the data. If you plan to print large numbers of CDs or DVDs, it's a good idea to print a small sample, then wait a day and check the quality to make sure it is satisfactory.

Caution: Use only ink jet-printable CDs or DVDs for printing. Do not use thermal-printable or regular CDs or DVDs.

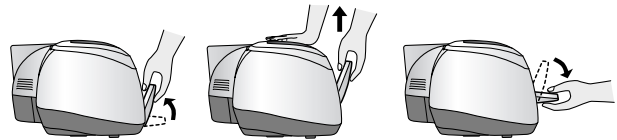
If you want to check the print position or color before printing on your actual CD or DVD, see the instructions in the *User's Guide*.

1. Turn on the printer.

Caution: Before you insert a CD or DVD, make sure the printer is turned on. Otherwise, the disc may not be positioned correctly.

2. Remove any paper from the sheet feeder, then push in the paper support extension and close the paper support.
3. Push in the output tray extensions, but leave the tray open.

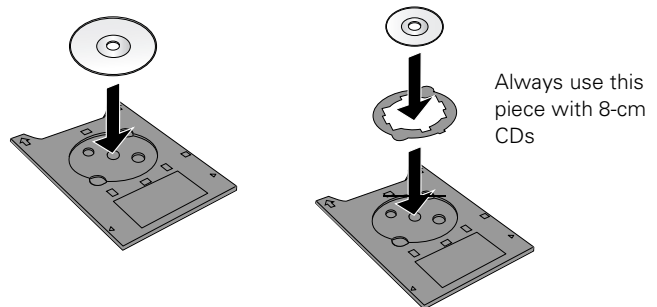
4. Lift the output tray as shown below, then place one hand on the top of the printer and pull up on the output tray until it stops. Lay the tray down in the upper position.



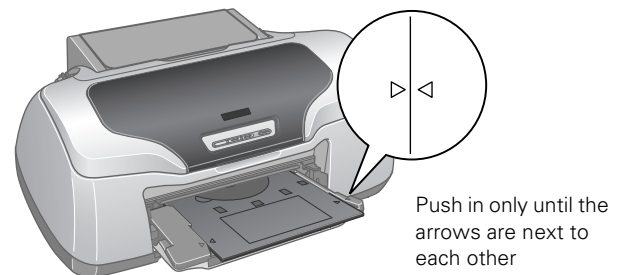
5. Place the CD or DVD on the CD tray with the white or printable side face-up.



To print on a small CD (8 cm), place the small CD ring on the tray first, then place the CD inside the ring.

Caution: Make sure you always use the small CD ring when printing 8-cm CDs and that the CD and ring lay flat on the tray; otherwise the printer may be damaged.



6. Slide the tray into the tray guides in the output tray. Push in the guide until the arrows on the tray and the tray guide are next to each other, as shown below.



7. Press the  paper button to load the CD or DVD into printing position. It is loaded when the  power button stops flashing.
8. Follow the instructions in the *User's Guide* to design and print the CD or DVD using Epson Print CD.

Selecting the Media Type Setting

Select the correct **Type** or **Media Type** setting so your printer knows what kind of paper you're using and adjusts the ink coverage accordingly.

Paper or other media loaded	Type or Media Type setting
Plain paper sheets Envelopes Epson Premium Bright White Paper	Plain 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 Enhanced Matte Paper	Enhanced Matte Paper
Epson Matte Paper Heavyweight PremierArt Matte Scrapbook Photo Paper for Epson	Matte Paper - Heavyweight
Epson Premium Glossy Photo Paper	Premium Glossy Photo Paper
Epson Premium Luster Photo Paper	Premium Luster Photo Paper
Epson Premium Semigloss Photo Paper	Premium Semigloss Photo Paper
Ink-jet printable CDs or DVDs	CD/DVD
Ink-jet printable CDs or DVDs with a premium surface	CD/DVD Premium Surface

Printing Borderless Cut Sheets

You can print your photos with no margins, extending the image all the way to the edges of the page. Although borderless printing is a bit slower, you get beautiful portraits and enlargements, without trimming, on the papers and sizes listed below. See the *User's Guide* for details.



Paper name	Sizes	Media Type setting
Premium Glossy Photo Paper	4 × 6, 5 × 7, 8 × 10	Premium Glossy Photo Paper
Matte Paper Heavyweight	8 × 10	Matte Paper - Heavyweight

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. 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, print quality can decline, so turn it on at least once a month to maintain good print quality.


This section explains how to clean the print head using the Auto Nozzle Check and Cleaning utility and the Head Cleaning utility.

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


Automatically Checking and Cleaning the Print Head

The Auto Nozzle Check and Cleaning utility prints a nozzle check pattern that the printer then reads to see if you have any clogged nozzles. If cleaning is needed, the printer automatically cleans the print head.

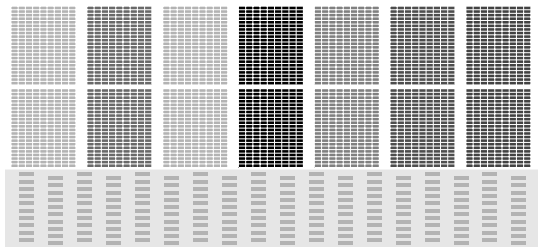
1. Make sure the printer is turned on but not printing, and the red  ink light is off. (If the  ink light is flashing or on, you need to replace a cartridge; see page 11.)
2. Load several sheets of plain, letter-size paper in the printer's sheet feeder.
3. Do one of the following:

Windows: Right-click the  icon on your taskbar (in the lower right corner of your screen). Select **Auto Head Cleaning**.

Mac OS X: Open the **Applications** folder and select **EPSON Printer Utility**. Select **SP R800**, click **OK**, and select **Auto Nozzle Check and Cleaning**.

Mac OS 8.6 to 9.x: Choose **File > Page Setup or Print**. Click the  utility icon, then click **Auto Nozzle Check and Cleaning**.

- Follow the instructions on the screen. The printer prints and examines the nozzle check pattern shown below. If cleaning is necessary, it then cleans the print head and prints and checks another nozzle check pattern.



- The utility prints and checks up to five times. If some print head nozzles are still clogged, it displays an on-screen message telling you to manually clean the print head. Follow the instructions below to clean the print head using the Head Cleaning utility, if necessary.


If you still have print quality problems, check the solutions in the *User's Guide*. 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.

Running the Head Cleaning Utility

- Make sure the printer is turned on but not printing, and the red Δ ink light is off. (If the Δ ink light is flashing or on, you need to replace a cartridge; see page 11.)
- Do one of the following:

Windows: Right-click the  icon on your taskbar (in the lower right corner of your screen). Select **Head Cleaning**.

Mac OS X: Open the **Applications** folder and select **EPSON Printer Utility**. Select **SP R800** in the printer list, click **OK**, and select **Head Cleaning**.

Mac OS 8.6 to 9.x: Choose **File > Page Setup** or **Print**. Click the  utility icon, then click **Head Cleaning**.

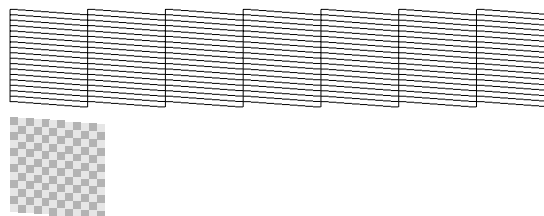
- Follow the instructions on the screen to clean the print head.

Cleaning takes about two minutes, during which the printer makes noise and the green \mathcal{O} power light flashes.

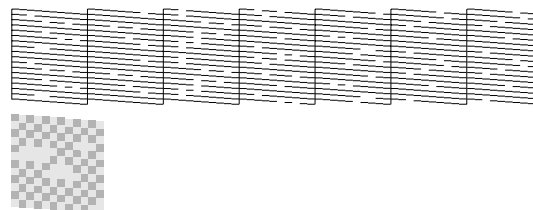


Caution: Never turn off the printer while the green \mathcal{O} power light is flashing, unless the printer hasn't moved or made noise for more than 5 minutes.

- When the green \mathcal{O} power light stops flashing, make sure paper is loaded in the printer. Click **Print nozzle check pattern**, then click **Print** (Windows) or click **Confirmation**, then click **Next** (Macintosh). The nozzle check pattern prints.
- If the nozzle check pattern has no gaps or lines (as shown below), click **Finish**.





If the pattern has white lines or gaps (as shown below), click **Clean** to clean the print head again.

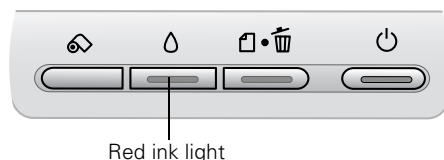



If you don't see any improvement after cleaning three or four times, check the solutions in the *User's Guide*. You can also turn the printer off and wait overnight—this allows any dried ink to soften—and then clean the print head again.

Replacing an Ink Cartridge

When the red  ink light flashes, an ink cartridge is low on ink.

When the red  ink light stays on, you need to replace a cartridge.




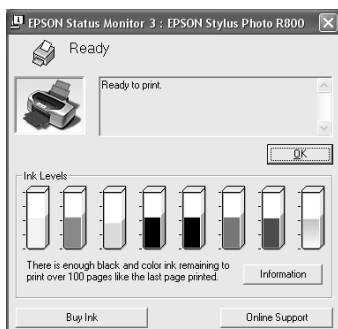
When a cartridge is more than six months old, you may need to replace it if printouts don't look their best. If the quality doesn't improve after cleaning and aligning the print head, you can replace the cartridge even if the red  ink light is off.

Caution: Don't open Epson Status Monitor or respond to any on-screen, low ink messages when your printer is in the middle of a print job. This may cause your printer to pause and leave an uneven surface on your printout. If your ink is running low, wait until printing finishes before checking ink levels or attempting to replace a cartridge. If you must replace an ink cartridge in the middle of a print job, the quality of your printout may decline. For best results, check your ink levels and replace ink cartridges, if necessary, before printing.

Checking the Ink Supply


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

- ❑ **Windows:** Double-click the  icon on the Windows taskbar. You see a window like this:

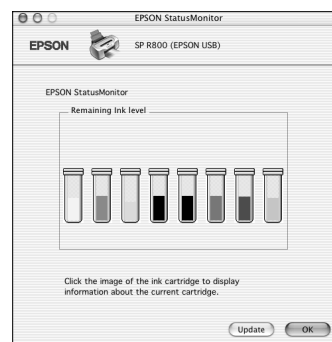


- ❑ **Macintosh:**

OS X: Choose Applications > EPSON Printer Utility > SP R800 > EPSON StatusMonitor.

OS 8.6 to 9.x: Choose File > Print, then click the  ink icon.

You see a window like the one shown below. Click a cartridge image to display information about the cartridge.



Purchasing Ink Cartridges

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

Cartridge	Part number
Yellow	T054420
Magenta	T054320
Cyan	T054220
Matte Black	T054820
Photo Black	T054120
Red	T054720
Blue	T054920
Gloss Optimizer (2-pack)	T054020

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.

Ink Cartridge Precautions

WARNING: Keep ink cartridges out of the reach of children.

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

You cannot print if an ink cartridge is 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.

Removing and Installing Ink Cartridges

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

You can replace a cartridge whether the red Δ ink light is off, flashing, or on.

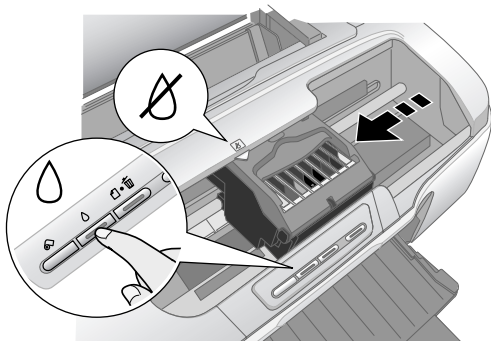
1. Make sure the printer is turned on (the green \mathcal{O} power light should be on, but not flashing). Then open the printer cover.

2. Press the Δ ink button.

The print head moves and the green \mathcal{O} power light flashes.

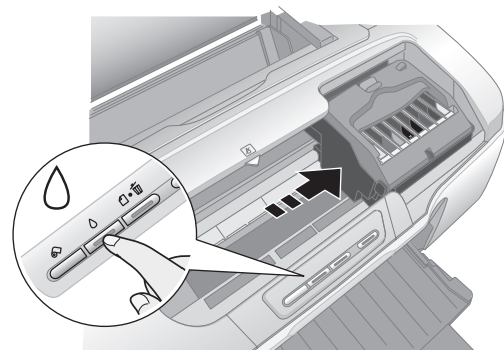
3. If the red Δ ink light is off, the print head moves to the replacement position. Go to step 5.

If the red Δ ink light is flashing or on (indicated a low or empty cartridge), the print head moves to the \mathcal{X} position on the printer. The cartridge directly beneath the \mathcal{X} mark needs to be replaced. Make a note of which cartridge it is.



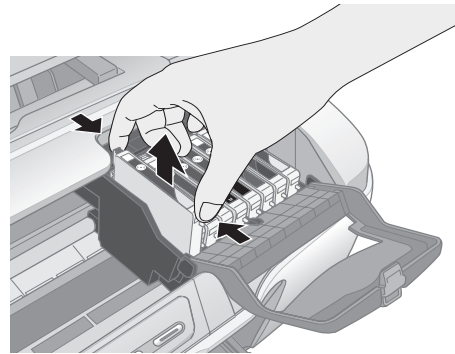
4. Press the Δ button again. If another cartridge is low or empty, the print head moves it to the \mathcal{X} mark again. Make a note of this cartridge too and repeat this step.

If no other cartridges are low or empty, the print head moves to the replacement position when you press the Δ button.

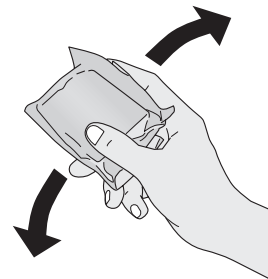


5. Lift up the cartridge cover.

6. Press in the tab on the back of the cartridge, lift it out of the printer, and dispose of it carefully.



7. Shake the new cartridge four or five times before opening its package. (Don't shake it after it's unwrapped.)

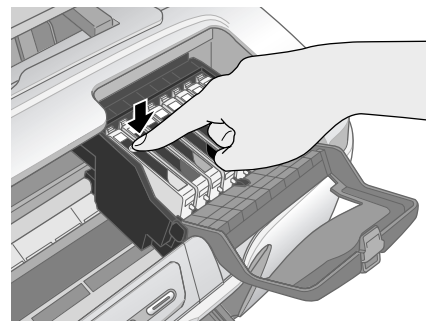


8. Remove the new cartridge from its package.

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

9. Slide the new cartridge into its slot. The side with the green circuit board goes in the front of the slot.

10. Press the cartridge down until it clicks into place.



11. If you need to replace any other ink cartridges, repeat steps 6 through 10 before continuing with step 12.

12. Close the cartridge cover, then close the printer cover.

13. Press the Δ ink button. The printer begins charging the ink delivery system.

The green \mathcal{O} power light and red Δ ink lights flash and the printer makes noise. Charging takes about 90 seconds.

When it's finished, the green \mathcal{O} power light stops flashing and stays on, and the red Δ ink light goes out.


Caution: Never turn off the printer while the green \mathcal{O} 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 light or dark horizontal banding, you may need to align the print head. You can have the printer automatically check and align the print head or you can check and adjust the alignment yourself.

Automatically Aligning the Print Head

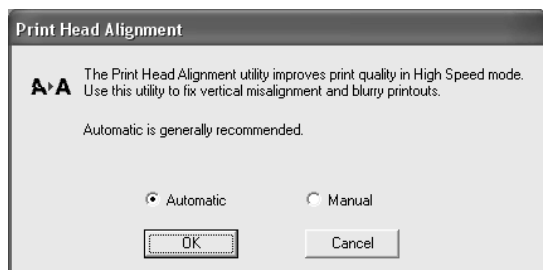
1. Turn on the printer.
2. Load plain, letter-size paper.
3. Do one of the following:

Windows: Right-click the  icon on your taskbar (in the lower right corner of your screen). Select **Print Head Alignment**.

Mac OS X: Open the Applications folder and select EPSON Printer Utility. Select SP R800 in the printer list, click OK, and select Print Head Alignment.

Mac OS 8.6 to 9.x: Choose File > Page Setup or Print. Click the  utility icon, then select Print Head Alignment.


You see a screen like this:




4. Click the **Automatic** button, if necessary, then click **OK**.
5. On the next screen, click **Start**. The printer then prints and checks an alignment pattern. It then prints and checks two more patterns.
6. When alignment is finished, click **Finish** on the last screen.

Manually Aligning the Print Head

1. Turn on the printer.
2. Load plain, letter-size paper.
3. Do one of the following:

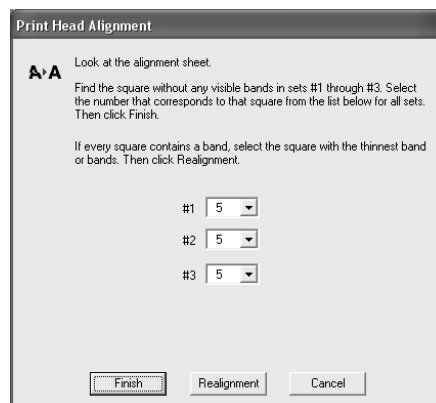
Windows: Right-click the  icon on your taskbar (in the lower right corner of your screen). Select **Print Head Alignment**.

Mac OS X: Open the Applications folder and select EPSON Printer Utility. Select SP R800 in the printer list, click OK, and select Print Head Alignment.

Mac OS 8.6 to 9.x: Choose File > Page Setup or Print. Click the  utility icon, then select Print Head Alignment.

4. Click the **Manual** button, then click **OK**.

You see a screen like this as the printer prints an alignment check pattern:

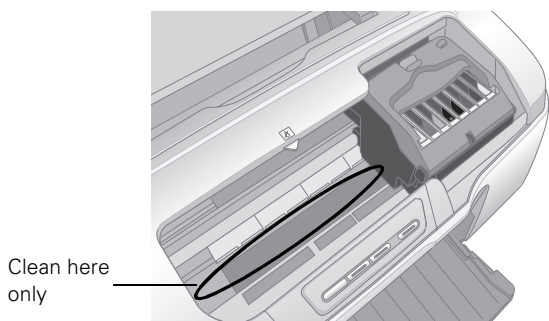


5. On the check page, select the box in each pattern that has the least noticeable lines in it. You may need to use a magnifying glass or loupe.
Select one box each for pattern numbered 1 through 3. Then enter the box number for each pattern in the boxes on the screen.
If box #5 is *not* the best-aligned box in each pattern, click **Realignment** to print another test page and repeat this step.
6. When box #5 is the best-aligned in all the patterns, click **Finish**.

Cleaning the Printer

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

1. Turn off the printer, unplug the power cord, and disconnect the interface cable.
2. Remove all the paper, then use a soft brush to clean the paper feeders.
3. Clean the exterior of the printer with a soft, damp cloth. Keep the paper support and printer cover closed as you clean the printer.
4. If you need to clean ink out of the inside of the printer, use a soft cloth to clean only the black plastic area shown below:



WARNING: Don't touch the gears or rollers inside the printer.

Caution: Never use a hard or abrasive brush, or benzene, 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 or apply lubricants or oils inside the printer.

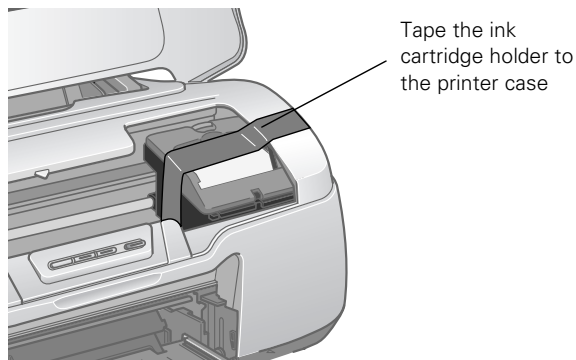
Transporting the Printer

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

1. If your printer will be transported and set up again within 5 days, you need to remove the ink cartridges. Follow the steps on page 14 to remove all of the cartridges. Pack each cartridge separately in a sealable plastic bag. Close the cartridge cover and press the Δ ink button. The red Δ ink light comes on. Wait until the ink cartridge holder locks in the far right position

If your printer will be packed longer than 5 days, leave in the ink cartridges. Go to step 2.

2. Turn off the printer and unplug the power cord from the electrical outlet. Then disconnect the printer cable from the printer.
3. Open the printer cover and tape the ink cartridge holder to the printer case using packing tape. Then close the printer cover.



Caution: Be sure to remove the tape after installing the printer in its new location.

4. Close the output tray and the paper support.
5. Repack the printer and its attachments in the original box using the protective materials that came with them.
6. Keep the printer level as you transport it.
7. After transporting the printer, remove all the tape and packing materials.
8. If you removed your ink cartridges, replace them as soon as possible, as described on page 6. Then clean the print head (see page 11) and let the printer sit for 24 hours to soften any dried ink in the print head.
9. Test your printer. If you notice a decline in print quality, clean the print head (see page 11); if output is misaligned, align the print head (see page 15).

Related Documentation

Epson Stylus Photo R800 <i>Start Here</i> sheet	CPD-17408
Epson Stylus Photo R800 <i>User's Guide</i>	CPD-17409
Epson Stylus Photo R800 CD-ROM	CPD-17410
Epson Stylus Photo R800 <i>Reference Guide</i> (on CD-ROM)	