

Media name	Size	Part number
EPSON Photo Quality Glossy Paper	Letter A4	S041124 S041126
EPSON Photo Quality Glossy Film	Letter A4 A6	S041072 S041071 S041107
EPSON Photo Paper	Letter A4 4 × 6 Panoramic (8.3 × 23.4 inches)	S041141 S041140 S041134 S041145
EPSON Ink Jet Transparencies	Letter A4	S041064 S041063
EPSON Photo Quality Ink Jet Cards	A6 8 × 10	S041054 S041122
EPSON Ink Jet Note Cards (with envelopes)	A6	S041147
EPSON Photo Stickers Kit (CD-ROM and paper)	A6, 16 frames per sheet	S041144-KIT
EPSON Photo Stickers (refill, paper only)	A6, 16 frames per sheet	S041144
EPSON Iron-On Cool Peel Transfer Paper	Letter	S041153/ S041155
EPSON Photo Quality Self Adhesive Sheets	A4	S041106

Printer Specifications

Printing

Printing method On-demand ink jet

Nozzle configuration



Black 64 nozzles
Color 63 nozzles (21 each: cyan, magenta, yellow)

Resolution Maximum 720 dpi × 720 dpi

Print direction Bidirectional with logic seeking

Control code ESC/P Raster,™ EPSON Remote

Input buffer 10KB

Character tables The character tables for PC437 (U.S., Standard Europe) and PC 850 (Multilingual) can be selected using the control panel buttons. Make sure the printer is turned off. Then hold down the  cleaning button and then press the  power button to turn on the printer. Then release both buttons.

Accessories

Ink Cartridges

Cartridge	Part number
Black	S020187
Color	S020191

Media

Media name	Size	Part number
EPSON 360 dpi Ink Jet Paper	Letter A4	S041060 S041059
EPSON High Quality Ink Jet Paper	Letter A4	S041111 S041117
EPSON Photo Quality Ink Jet Paper	Letter A4 Legal	S041062 S041061 S041067

Paper

Paper type	Size	Paper types	Thickness	Weight
Single sheets	Letter (8.5 × 11 inches) Legal (8.5 × 14 inches) Half letter (statement, 5.5 × 8.5 inches) Executive (7.5 × 10 inches) A4 (210 × 297 mm) A5 (148 × 210 mm) B5 (182 × 257 mm)	Plain bond paper and special ink jet papers distributed by EPSON	0.003 to 0.004 inch (0.08 to 0.11 mm) for plain bond paper	17 to 24 lb (64 to 90 g/m ²) for plain bond paper
Transparencies, Glossy film, Glossy paper	Letter (8.5 × 11 inches) A4 (210 × 297 mm) A6 (105 × 148 mm), glossy film only	Transparencies, glossy paper, and glossy film distributed by EPSON	—	—
Self-adhesive sheets	A4 (210 × 297 mm)	Self adhesive sheets distributed by EPSON	—	—
Envelopes	No. 10, 9.5 × 4.1 inches (240 × 104 mm) DL, 8.7 × 4.3 inches (220 × 110 mm) C6, 4.4 × 6.4 inches (114 × 162 mm) Ink jet note card, 132 × 220 mm	Plain bond paper or air mail paper	0.006 to 0.02 inch (0.16 to 0.52 mm)	12 to 20 lb (45 to 75 g/m ²)
Index (ink jet) cards	A6 (105 × 148 mm) 8 × 10 inches (203 × 254 mm)	Ink jet cards distributed by EPSON	—	—
Photo paper	Letter (8.5 × 11 inches) A4 (210 × 297 mm) 4 × 6 inches (102 × 152 mm) Panoramic (210 × 594 mm)	Photo paper distributed by EPSON	—	—
Photo stickers	A6 (105 × 148 mm) 16 frames per sheet	Photo stickers distributed by EPSON	—	—
Iron-On Cool Peel transfer paper	Letter (8.5 × 11 inches)	Transfer paper distributed by EPSON	—	—

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 special papers distributed by EPSON under these conditions:

Temperature: 59 to 77 °F (15 to 25 °C)

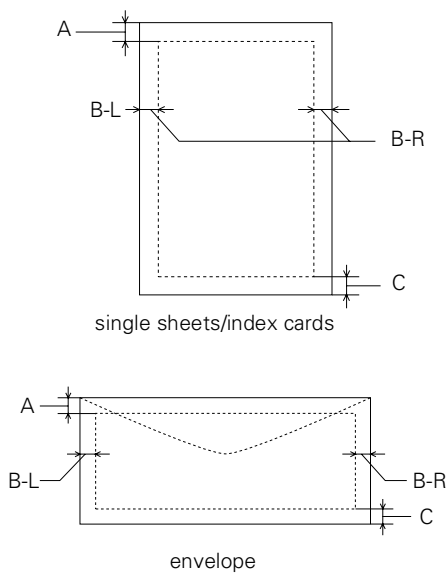
Humidity: 40 to 60% RH

Store printouts on EPSON glossy media and self adhesive sheets under these conditions:

Temperature: 59 to 86 °F (15 to 30 °C)

Humidity: 20 to 60% RH

Printable area

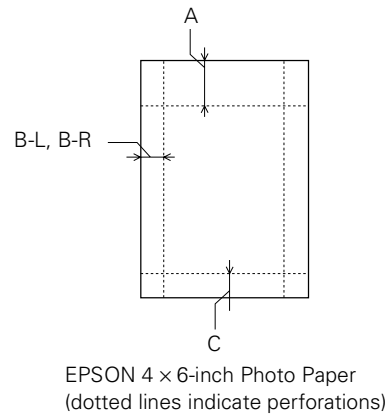


- A: The minimum top margin is 0.12 inch (3.0 mm).
When loading multiple sheets of EPSON Photo Quality Film, the minimum top margin is 1.2 inches (30 mm).
- B-L: The minimum left margin is 0.12 inch (3.0 mm).
- B-R: The minimum right margin is as follows:
0.35 (9.0 mm) for letter and legal size sheets
0.12 inch (3.0 mm) for other size sheets
- 0.28 inch (7 mm) for DL envelopes.
1.10 inch (28 mm) for No. 10 envelopes.
0.12 inch (3 mm) for C6 envelopes.
- C: The minimum bottom margin is 0.54 inch (14.0 mm).

Note:

Always load paper into the sheet feeder short edge first. However, envelopes should be loaded long edge first.

You can extend the minimum bottom margin to 0.12 inch (3.0 mm) by selecting Maximum as the Printable Area Setting on the printer driver Paper menu. However, print quality may decline in the expanded area. Before printing large jobs, print a single sheet to confirm print quality.



- A: The maximum top margin is 0.67 inch (17.0 mm).
- B-L,
B-R: The maximum left and right margin is 0.24 inch (6.1 mm).
- C: The maximum bottom margin is 0.24 inch (6.1 mm).

Ink Cartridge

Specification	Black ink cartridge (S020187)	Color ink cartridge (S020191)
Color(s)	Black	Cyan, Magenta, Yellow
Print capacity*	540 pages text (ISO/IEC 10561 Letter Pattern) 380 pages graphic (5% coverage)	300 pages (15% coverage)
Cartridge life	2 years from production date (if unopened) (within 6 months after opening package, at 77 °F (25 °C))	
Storage temperature	Installed: -4 to 104 °F (-20 to 40 °C) 1 month at 104 °F (40 °C) Uninstalled: -22 to 104 °F (-30 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	0.7 (W) x 2.1 (D) x 1.5 (H) inches 19.8 (W) x 52.7 (D) x 38.5 (H) mm	1.7 (W) x 2.1 (D) x 1.5 (H) inches 42.9 (W) x 52.7 (D) x 38.5 (H) mm

* The print capacity may vary, depending on 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.

Mechanical

Paper feed method	Friction
Paper path	Sheet feeder, top entry, front out
Sheet feeder capacity	100 sheets of 17 lb (64 g/m ²) paper
Dimensions	
Storage	Width: 16.9 inches (429 mm) Depth: 9.1 inches (231 mm) Height: 6.1 inches (157 mm)
Printing	Width: 16.9 inches (429 mm) Depth: 23.7 inches (602 mm) Height: 11.6 inches (295 mm)
Weight	11.5 lb (5.2 kg) without the ink cartridges

Electrical

Specification	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	0.4 A (max. 0.5 A)	0.2 A (max. 0.3 A)
Power consumption	Approx. 16 W (ISO/IEC 10561 Letter Pattern) Approx. 5 W in standby mode Energy Star compliant	

* This product is also designed for an IT power system phase-to-phase voltage of 220–240 V.

** 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 140 °F (–20 to 60 °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 with D3, CSA C22.2 No. 950 with D3
EMC	FCC part 15 subpart B class B, CSA C108.8 class B

Parallel Interface

Your printer is equipped with an 8-bit parallel interface with the following characteristics:

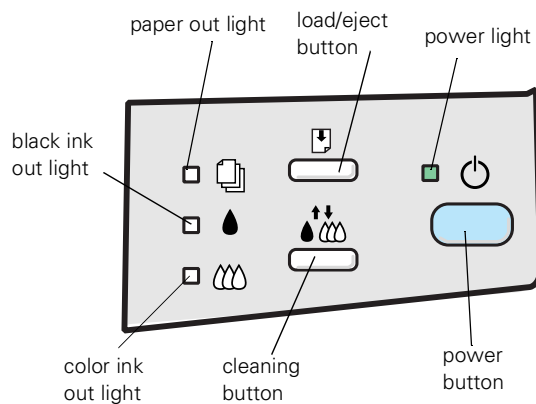
Forward channel

Data format:	8-bit parallel, IEEE-1284 compatibility mode
Synchronization:	$\overline{\text{STROBE}}$ pulse
Handshake timing:	BUSY and $\overline{\text{ACKNLG}}$ signals
Signal level:	TTL compatible
Connector:	57-30360 Amphenol connector or equivalent


Reverse channel



Transmission mode:	IEEE-1284 Nibble mode
Adaptable connector:	57-30360 Amphenol connector or equivalent
Synchronization:	Refer to the IEEE-1284 specification
Handshaking:	Refer to the IEEE-1284 specification
Signal level:	IEEE-1284 Level 1 device
Data transmission timing:	Refer to the IEEE-1284 specification

Control Panel





The four lights on your printer's control panel show the printer's status and alert you to problems like paper jams.

 The power light is *on* when the printer is on and ready to print. The power light *flashes* when the printer is receiving a print job or performing a maintenance operation such as cleaning the print head.






 or  When an ink out light *flashes*, your ink supply is low. Make sure you have a replacement cartridge.


When an ink out light *comes on*, you need to replace the ink cartridge. See "Replacing an Ink Cartridge" for instructions.

 When the paper out light *comes on*, your paper ran out or is incorrectly loaded. Make sure none of the sheets are curled, creased, old, stuck together, or too thin. Reload the paper against the right edge guide and slide the left edge guide over to the paper's left edge. Then press the  load/eject button.

When the paper out light *flashes*, you have a paper jam. Turn off the printer and gently pull out all paper. Make sure none of the sheets are curled, creased, old, stuck together, or too thin. Reload the paper against the right edge guide and slide the left edge guide over to the paper's left edge. Then turn the printer on.



When the  power and  paper out buttons *flash* and the  black and  color ink out lights *come on*, jammed paper may be blocking movement of the print head. Turn off the printer (press the  power button); wait 15 seconds; then turn it on again. If this does not clear the error, contact your dealer or EPSON as described in the *Printer Basics* book.

When all the lights flash, your printer may have an internal error. Turn off the printer (press the  power button); wait 15 seconds; then turn it on again. If this does not clear the error, contact your dealer or EPSON as described in the *Printer Basics* book.

When all the lights are *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 on the printer.
- ☐ Make sure the outlet is not controlled by a switch or timer and is operable.

Installing an Ink Cartridge for the First Time

1. Plug the power cord into a grounded outlet.



Caution:

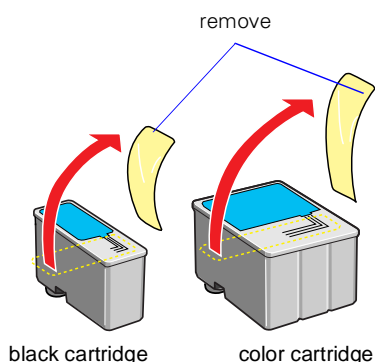
Don't use an outlet controlled by a wall switch or timer, or one that uses the same circuit as a large appliance. This may disrupt the power, which can erase the printer's memory or damage its power supply.

2. Remove the ink cartridges from their foil packages. Then pull off only the yellow part of the tape seal on the top of each cartridge. It is okay if a bit of the yellow tape remains on the cartridge. Do not pull off the blue part.







Caution:

You must remove the yellow tape seal from the top of the cartridge or you will permanently damage it. Don't remove the tape seal from the bottom.




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.

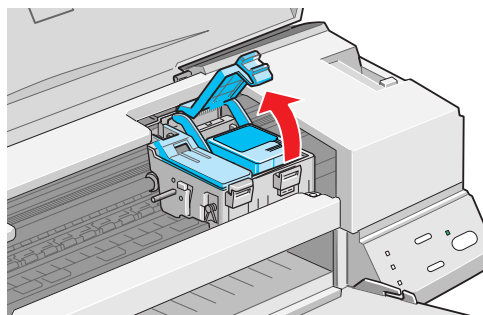
3. Lower the output tray and open the printer cover.
4. Press the  power button to turn on the printer. The  power light flashes, the  black and  color ink out lights come on, and the ink cartridge holders move left to the installation position.



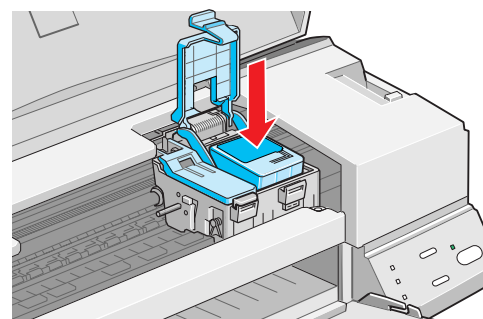
Caution:

Always use the  power button to turn the printer on or off. Never use an external switch, such as a power strip.

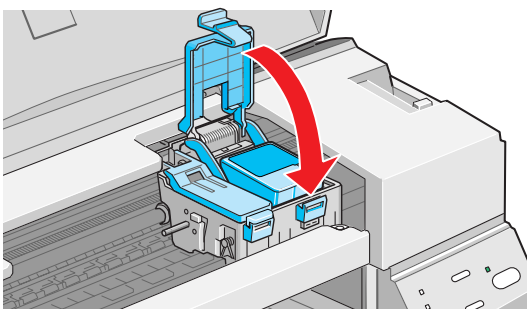
5. Pull up the two ink cartridge clamps.





6. Insert the ink cartridges into their holders with the blue labels facing up and toward the back of the printer.



7. Push down the clamps until they lock in place.




8. Press the  cleaning button and close the printer cover.

The printer moves the print head and begins charging the ink delivery system. Charging can take two to three minutes. During this time, the  power light flashes, and the printer makes various sounds. Don't turn off the printer or interrupt the charging process or you'll use more ink than necessary. Charging is complete when the  power light stops flashing and is stays on.



Caution:




Never turn off the printer when the  power light is flashing, unless the printer hasn't moved or made any noise for more than five minutes.

Testing the Printer

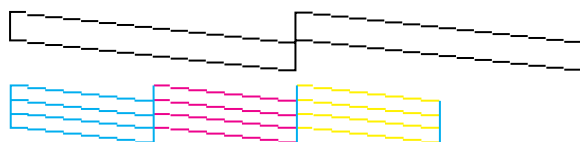
You can run a printer check to determine whether a problem comes from the printer itself or some other source.

- ❑ If the results are satisfactory, the problem lies in software settings, the interface cable, or your computer.
- ❑ If the printer check does not print correctly, there is a problem with your printer.

Follow these steps to check the printer:

1. Make sure both the printer and computer are turned off.
2. Disconnect the interface cable from the printer.
3. Make sure paper is loaded in the printer.
4. Hold down the  load/eject button and press the  power button. Hold down the buttons until the  power light starts to flash. Then release both buttons.

The printer prints one page containing the printer's ROM version, ink counter code, and a nozzle check pattern. Only the nozzle check pattern is shown below:



5. After it prints the page, turn off the printer. Remember to reconnect the interface cable, then turn on the printer and your computer.

Printing on Special Media

Whether you print on plain paper or special media, you need to load it according to the guidelines in the table below.

For this media name...	Load a maximum of this many sheets...	Then select this Media Type setting in your printer software...
Plain paper, letter size	100 (load preprinted forms top edge first)	Plain paper
Plain paper, legal size	100 (pull up the paper support extension)	
Envelopes	10 (set the thickness lever to the + position)	
Labels (single sheets)	1	
EPSON 360 dpi Ink Jet Paper	70 letter size 30 legal size	360 dpi Ink Jet Paper
EPSON Iron-On Cool Peel Transfer Paper ¹	1	
EPSON High Quality Ink Jet Paper	65 letter size 25 legal size	Photo Quality Ink Jet Paper
EPSON Photo Quality Ink Jet Paper		
EPSON Photo Quality Ink Jet Cards	30 cards (use a support sheet)	
EPSON Photo Quality Note Cards	30 cards (use a support sheet)	
EPSON Photo Quality Self Adhesive Sheets	1	
EPSON Photo Quality Glossy Paper	20 (use a support sheet)	Photo Paper
EPSON Photo Paper	20 (use a support sheet)	
EPSON Panoramic Photo Paper	1	
EPSON Photo Quality Glossy Film ²	30 (use a 1.2 inch top margin and a support sheet)	Photo Quality Glossy Film
EPSON Photo Stickers	1 (use the support sheets)	
EPSON Ink Jet Transparencies	30 (use a support sheet)	Ink Jet Transparencies

¹ Use the Flip Horizontal option to reverse your image before you print it—especially if it includes text—so the image will appear correctly when it's transferred.

² For better results, load EPSON Photo Quality Glossy Film one sheet at a time. This also allows you to use a smaller top margin.

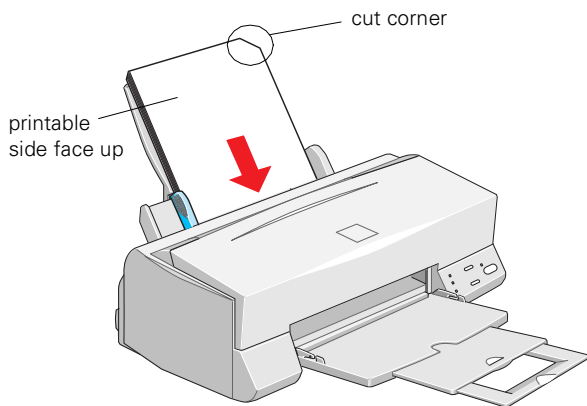
Additional Media Loading Guidelines



Caution:

Don't use the cleaning sheets that may be included with your special media; they may damage the printer.

- ❑ Be sure to load the printable (whiter) side of the media face up in the sheet feeder.
- ❑ You can load paper up to the arrow mark on the left edge guide.
- ❑ In addition to the **Media Type** option, remember to select the correct **Paper Size** for your media on the Paper menu.
- ❑ Some special media have a cut corner that you need to position correctly; follow any instructions in the package. Always handle sheets by the edges, and don't touch the printable surface.



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

Replacing an Ink Cartridge

When a black or color ink out light flashes, the indicated cartridge is low on ink. This is a good time to make sure you have a new cartridge. When the light stays on, the cartridge is empty and you need to replace it. You cannot print if either ink cartridge is empty.



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 warranty.

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

- ❑ Black ink cartridge: S020187
- ❑ Color ink cartridge: S020191

Note:

If you need to replace an ink cartridge before the lights flash (because the ink is too old, for example) follow the instructions in "Replacing an Outdated Ink Cartridge" on page 9.

When you need new ink cartridges, contact your dealer or call EPSON Accessories at (800) 873-7766 (U.S. sales only). In Canada, please call (800) 873-7766 for dealer referral.

Removing an Empty Ink Cartridge

Note:

If you press the cleaning button when neither ink out light is flashing or on, the printer cleans the print head (see "Cleaning the Print Head").

You can replace a cartridge when the black or color ink out light is either flashing or on. Follow these steps:

1. Make sure the printer is turned on and not printing.
2. Lower the output tray and raise the printer cover.

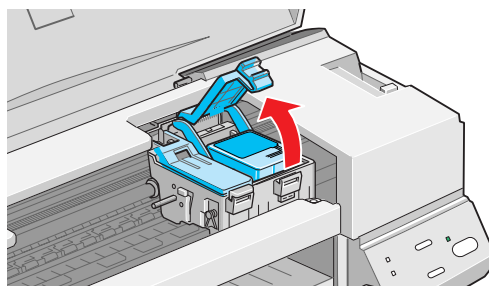


Caution:

Never move the print head by hand.

Don't open the clamp or remove a cartridge except to replace it with a new one. Once you remove a cartridge, you can't reuse it.

3. Press the cleaning button and hold it for three seconds. The print head moves slightly to the left and the power light begins flashing.
4. Pull up the ink cartridge clamp. The cartridge rises up from its holder.



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.

5. Lift the cartridge out of the printer and dispose of it carefully.
6. Follow the steps in the next section to install the new ink cartridge.

Installing the New Cartridge

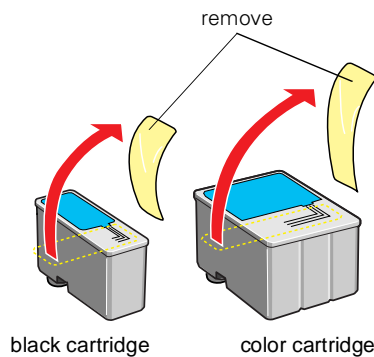
Once you have removed the empty cartridge, you're ready to install the new one. Follow these steps:

1. Remove the new ink cartridge from its package.

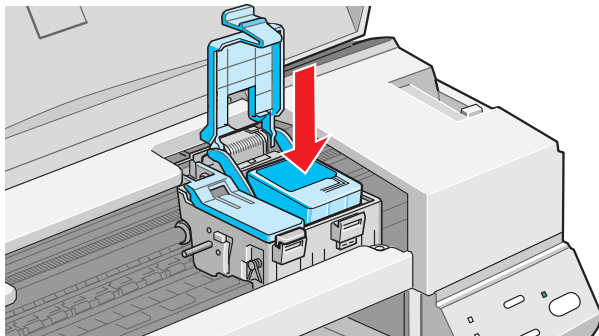



Caution:
You must remove only the yellow tape seal from the top of the cartridge; leaving the tape on will permanently damage it. Do not remove the clear seal from the bottom of the cartridge; ink will leak.

2. Remove only the yellow part of the tape seal on the top of the cartridge. Do not remove the blue label. (It's okay if a bit of the yellow tape does not tear off.)





3. Lower the ink cartridge into its holder with the blue label facing up and toward the back of the printer.



4. Press down the ink cartridge clamp until it locks in place.
5. If you need to replace the other ink cartridge, remove it as described in "Removing an Empty Ink Cartridge" on page 8. Then follow steps 1 through 4 in this section.
6. Press the  cleaning button and close the printer cover.





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

The printer moves the print head and begins charging the ink delivery system. The  power light flashes and the printer makes various sounds. Charging takes about one minute. When it's finished, you can print again.

Replacing an Outdated Ink Cartridge


If an ink cartridge is more than six months old, you may need to replace it. How can you tell? You may 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, try replacing one or both cartridges.

Follow these steps to replace an ink cartridge before the  black or  color ink out light is flashing or on:

1. Make sure the printer is turned on and not printing.
2. Lower the output tray and raise the printer cover.




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


3. Press the  load/eject button and hold it down for a few seconds until the print head moves to the left.
4. Pull up the ink cartridge clamp. The cartridge rises up from its holder.




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.

5. Lift the cartridge out of the printer and dispose of it carefully.
6. Remove the new ink cartridge from its packaging.
7. Remove only the yellow part of the tape seal on the top of the cartridge. Do not remove the blue label.
8. Lower the ink cartridge into its holder with the blue label facing up and toward the back of the printer.
9. Press down the ink cartridge clamp until it locks in place.
10. Press the  load/eject button and close the printer cover.



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

The printer moves the print head and begins charging the ink delivery system.

The  power light flashes and the printer makes various sounds. Charging takes about one minute. When it's finished, you can print again.

Cleaning the Print Head

If your printed image is unexpectedly light or faint, or dots are missing from the image, you may need to clean the print head. This unclogs the nozzles so they can deliver ink properly.





Caution:
Don't use the cleaning sheets that may be included with your special media; they may damage the printer.

Cleaning the print head uses ink, so clean it only if print quality declines. You can use either of the following to clean the print head:

- ☐ The Head Cleaning utility in your printer software (if the printer is on a local port rather than a network)
- ☐ The printer's control panel buttons.

Using the Head Cleaning Utility

Follow these steps to run the utility:

1. Make sure the printer is turned on but not printing, and that the  black and  color ink out lights are off. If either ink out light is on, you must replace the ink cartridge before cleaning the print head.

2. *Windows 95, Windows 98, and Windows NT 4.0:*

Click **Start**, point to **Settings**, and then select **Printers**.

Right-click the **EPSON Stylus COLOR 440** icon in the **Printers** window.



Select **Properties** (Document Defaults in Windows NT).

Windows 3.1:


Double-click the **Control Panel** icon in the **Main** group.

Double-click the **Printers** icon.

Select **EPSON Stylus COLOR 440** from the list of installed printers and click **Setup**.

3. Click the **Utility** tab. You see the **Utility** menu.
 4. Click the **Head Cleaning** button.
 5. Follow the instructions on the screen to clean the print head. Cleaning takes about one minute, during which the printer makes some noise and the  power light flashes.
- When the cleaning cycle is finished (the  power light stops flashing), you need to run a nozzle check to confirm that the print head nozzles are clean and to reset the printer's cleaning cycle.





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

6. Make sure paper is loaded in the printer and click **Print nozzle check pattern**. Then click **Next**. See "Examining the Nozzle Check Pattern" for instructions on examining the nozzle check pattern.
7. If the pattern looks okay, click **Finish** to close the Nozzle Check dialog box. If the pattern is missing dots, click **Clean** to clean the print head again.


If your print quality has not improved, repeat the steps above.



Using the Printer Control Panel


Follow these steps to clean the print head:

1. Make sure the printer is turned on and not printing, and that the  black and  color ink out lights are off. If either ink out light is on, you must replace the ink cartridge before cleaning the print head.



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

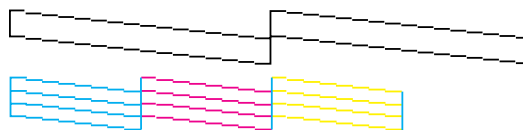
2. Press the  cleaning button and hold it down for three seconds. Cleaning takes about one minute, during which the printer makes some noise and the  power light flashes.

After the cleaning cycle is complete and the  power light stops flashing, you need to confirm that the print head nozzles are clean and reset the printer's cleaning cycle. You can do this by printing a page or running a nozzle check (see "Using the Head Cleaning Utility").

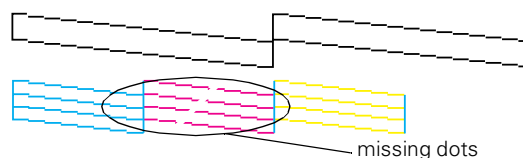
3. If your print quality has not improved, run another cleaning cycle.

Examining the Nozzle Check Pattern

Examine the nozzle check pattern after printing it. It should look something like this:



Each staggered horizontal and straight vertical line should be complete, with no gaps in the dot pattern (the upper pattern is black and the lower pattern is cyan, magenta, and yellow). If your printout looks okay, you're done. If any dots are missing, as shown below, clean the print head again, as explained in the previous sections.



Aligning the Print Head

If your printouts contain vertical banding or jagged vertical lines, you may need to align the print head. To use the print head alignment utility, your printer must be connected to a local port, not through a network. Follow these steps:

1. Make sure the printer is turned on and paper is loaded.
2. Access the printer settings dialog box.
3. Click the **Utility** tab. You see the **Utility** menu.
4. Click the **Print Head Alignment** button.
5. Follow the instructions on the screen to print a test page and select the correct alignment.

Note:

For best results, use EPSON ink jet paper or photo quality paper whenever you check the print head alignment.

Cleaning the Printer



Caution:

Don't touch the gears inside the printer.

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

Don't get water on the printer components.

Don't spray lubricants or oils inside the printer.

To keep your printer working at its best, you should clean it several times a year, following these steps:

1. Turn off the printer, unplug the power cord, and disconnect the printer cable.
2. Remove all the paper from the sheet feeder.
3. Clean the exterior of the printer with a soft, damp cloth. Keep the printer cover closed so water doesn't get inside.
4. Clean ink out of the printer's interior with a damp cloth.

Transporting the Printer

If you want to move your printer some distance, you need to prepare it for transportation and repack it in the original box.



Caution:

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

Follow these steps:

1. Turn on the printer and 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 interface cable from the printer.
3. Remove any paper from the sheet feeder and remove the paper support.
4. Push in the output tray extensions and close the tray.
5. Repack the printer and attachments in the original box using the protective materials that came with it. See the *Unpacking Sheet* that was packed with the printer.

Be sure to keep the printer flat as you transport it. If you notice a decline in print quality after transporting the printer, clean the print head; if output is misaligned, align the print head.

Related Documentation

TM-SC467	EPSON Stylus COLOR 440/640/740 Service Manual
PL-SC440	EPSON Stylus COLOR 440 Parts Price List
CPD-7045	EPSON Stylus COLOR 440 Printer Basics
CPD-7046	EPSON Stylus COLOR 440 Start Here
CPD-7049	Getting Started with Disney's Daily Blast SM
ESC4400698	EPSON Stylus COLOR 440 Manual (Adobe Acrobat format, pdf)

